Donaldson
FILTRATION SOLUTIONS

Exhaust Product Guide

for Medium- & Heavy-duty Vehicles and Equipment

Mufflers • Clamps • Tubing / Connectors • Stacks / Tailpipes • Elbows • Hangers / Brackets • Shields

This publication contains a wide selection of standard mufflers and exhaust components for diesel-powered vehicles and equipment that operate in a variety of conditions. For assistance, contact Donaldson or your local Donaldson distributor.

Distributed by:

Donaldson
FILTRATION SOLUTIONS

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MEDIUM- AND HEAVY-DUTY EXHAUST PRODUCTS CATALOG NO. F110028

Our innovative products solve complex filtration and exhaust system challenges that improve people's lives, enhance engine and equipment performance and protect our environment.

Donaldson has the technical expertise, superior customer support and vast network of locations around the world to meet your toughest needs – from initial system design through replacement products.

Improve

Enhance

Protect

This publication contains a wide selection of standard exhaust components for both original equipment manufacturers and replacement parts for existing diesel-powered vehicles and equipment that operate in a variety of conditions. For assistance with muffler or accessory selection, contact your local Donaldson distributor or dealer.

Donaldson FILTRATION SOLUTIONS

OVERVIEW

Features and Benefits of Donaldson Mufflers

Low Backpressure
Better fuel economy and efficient engine performance

Aluminized Steel
Delivers long service life and is corrosion resistant

Lightweight Construction
Minimizes stress and vibration on mounting system

High Temperature Paint
Available on select product. Paint adds corrosion resistance and enhanced finish

Donaldson Mufflers

Donaldson exhaust systems are original equipment on most pre-2007 medium- and heavy-duty trucks manufactured in North America. Donaldson engineers work with many OE truck and off-road equipment manufacturers to design and build quality exhaust systems based on the specific performance.

Truck Mufflers for Every Budget

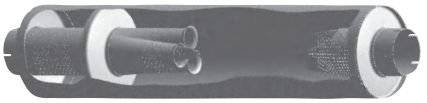
BEST (Part No. M101158 & M101181)

- 1 million mile warranty on M101158 – stainless steel Silent Partner™
- 500,000 mile warranty on M101181 – aluminized steel Silent Partner
- Superior acoustic performance – specifically addresses engine brake noise by silencing engine brake "bark"

BETTER (Part No. M100580)

- M100580 Donaldson muffler
- Meets all OEM back pressure, strength and life requirements
- Exhaust noise level is 4.5 - 7.5 dB(A) quieter than M100465 muffler

GOOD (Part No. M100465)



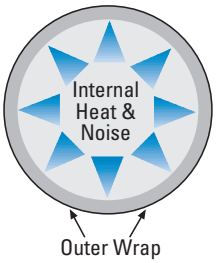
- The M100465 is the most common, most popular service muffler in the industry
- Low back pressure provides good fuel economy and efficient engine performance

What external characteristics differentiate mufflers?

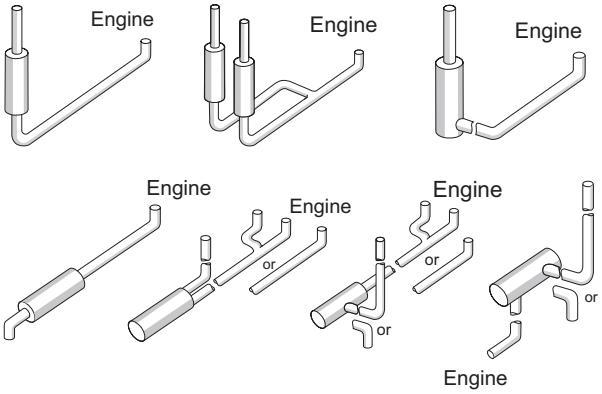
- Shape of muffler (generally round or oval)
- Style (inlet/outlet configurations on the muffler)
- Materials

What internal characteristics differentiate mufflers?

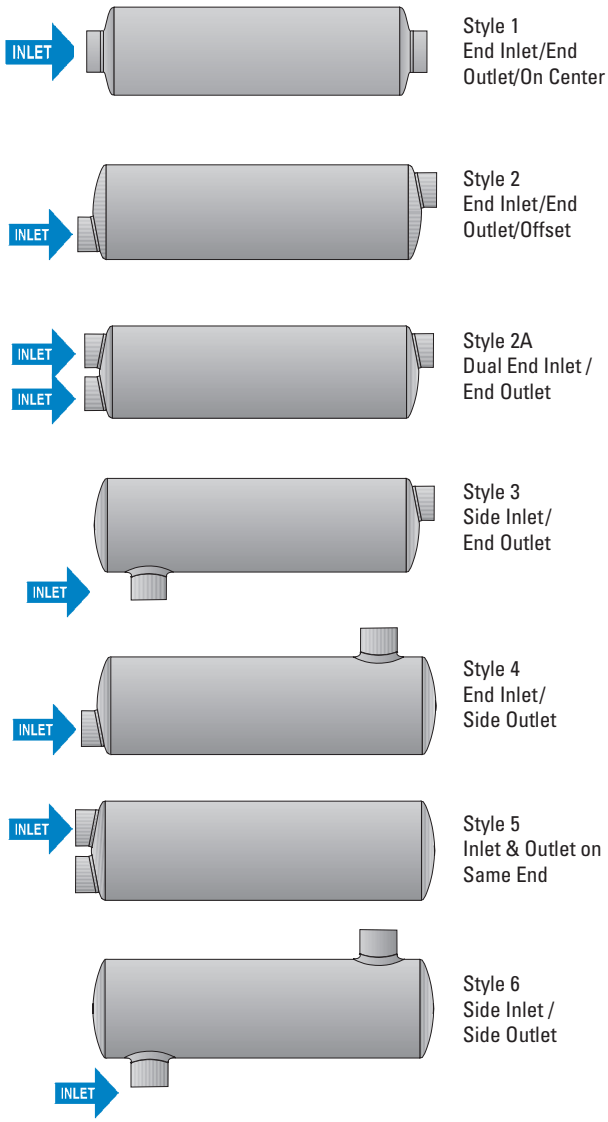
- Wrapped (with insulation) or unwrapped
- Insulation sandwiched between an inner and an outer body
  - Reduces noise/high frequency
  - Lowers outer shell temperature
  - Reduces radiated heat
- Quantity, size, and position of internal baffles and tubes



Exhaust System Configurations



Muffler Styles



Exhaust Product Materials

A number of different materials are found in exhaust systems. Often different options are available for use in a single application. Since materials vary in strength, corrosion resistance, and price, a particular material may be preferred in individual applications and components. Some of the most common materials, their qualities, and their typical uses are listed in the following table.

Materials*	Used in	Qualities
Aluminized Mild Steel	Mufflers	Good Corrosion Resistance
	Exhaust Components	
Stainless Steel (with and without aluminized coating)	Flexible Tubing	Stronger Excellent Corrosion Resistance
	Mufflers	
	Exhaust components	
	Emissions Products	
Chrome	Accessories	Bright Mirror Finish
Galvanized	Flexible Tubing	Low Material Cost Temperature Limit 600°F
Cold Rolled	Accessories	Poor Corrosion Resistance Low Cost

* See pg 163 for more further descriptions of materials used by Donaldson in exhaust system products.

Expanded Catalog Content & Where to Buy

New & Expanded Catalog Content

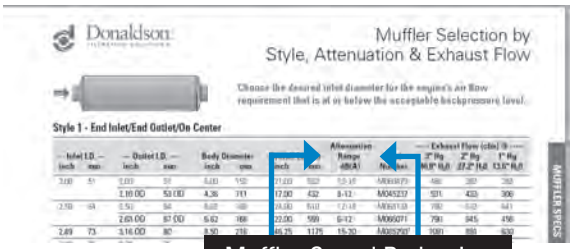
This edition of the Donaldson exhaust catalog includes the following additional information:

New Heavy-Duty Accessories

Newer and/or retrofit emissions systems weigh considerably more than the traditional OE exhaust system and require new mounting hardware to accommodate the extra weight. Our more popular heavy-duty brackets and clamps have been added.

Muffler Dimensions & Specs

The estimated sound reduction (attenuation range in dbA) for all Donaldson mufflers has been added to the muffler selection tables starting page 55. We have also expanded the dimensional section by muffler style to include all muffler dimensions and muffler illustrations.



Muffler Sound Reduction

Cross Reference

Compared to our previous publication, this section include hundreds of new cross references. We do encourage you to use the Donaldson on-line cross reference for the latest information.

Shoptalk Section

Shoptalk is all about sharing helpful information to become more informed about Donaldson exhaust products and systems. This section includes installation tips for and fact sheets for many exhaust/emissions products and technologies.

Confused About Which Exhaust Clamp To Select or What Clamp Should be Used?

Depending on your exhaust joint and what you're connecting to, it's not always so easy to determine which one of our exhaust clamps is best for your needs.

Take a look at this new information on page 12 of our accessories section the next time you need a replacement clamp.

Where To Buy Donaldson Products?

Donaldson products are available through a variety of distribution outlets: OE dealers, independent warehouse distributors and exhaust-only distributors. Each of these distribution channels have their unique methods of servicing your needs to meet your business requirements.

To find the closest outlet in your region, visit www.donaldson-filters.com. Look in the Where to Buy section of our web site.

From Silencing to Emissions Reduction

1950s

When exhaust was about silencing -- we led the way! Frank Donaldson sold enough mufflers in 1951 to open our first exhaust manufacturing facility in Grinnell, Iowa in 1952.

1960s

In the 1960s, sound meters were used to measure noise levels (see image on right). Donaldson is one of the first manufacturers to introduce the use of aluminized steel in exhaust systems.

1970s

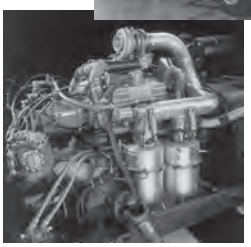
Donaldson introduces mufflers with integrated ejectors and wrapped mufflers. Wrapped mufflers reduced the overall exhaust system noise and the exterior body temperature. Donaldson SealClamp™ band-style exhaust clamp launched into the marketplace. Donaldson expands to Japan. In 1973, U.S. noise regulations went into effect for on-road vehicles – Donaldson offers a muffler line that was effective at noise reduction without loss of horsepower.

1980s

In 1981, Donaldson opens a new technical center. The center included two anechoic chambers which expanded our technical capabilities. Mufflers meet 1988 U.S. EPA truck noise regulations (sonic chokes and floating baffles).

1990s

When engine manufacturers needed help to meet the first U.S. Emissions regulations, innovations continued. In the early 1990s, we pioneered the design of integrated catalytic converter mufflers and diesel particulate solutions for three major U.S. engine and truck manufacturers. In the late 1990s, Silent Partner™ was the first muffler that effectively reduced engine brake noise without loss of power or fuel economy. During this decade, Donaldson expands exhaust manufacturing in Europe (France); Mexico (Guadalajara); and the United States (Alabama).



Since the early 1990s, Donaldson has sold more than a million DOC Mufflers.

2000s

2001 Donaldson forms a group dedicated to emissions reduction efforts for diesel engines; begins retrofit projects; Spiracle™ crankcase filtration introduced to eliminate emissions from open crankcase vents. Mass production of CCMs for on-road OEs begins.

2002 First of many CARB and EPA verifications for Donaldson retrofit emissions solutions; first company to verify tailpipe and crankcase solution (patented).

2003 Donaldson expands exhaust manufacturing in Aguascalientes, Mexico.

2004 Donaldson upgrades and expands heavy-duty engine test cell capabilities; U.S. MSHA accepts Donaldson high temp exhaust filter. New web-based Emissions Resource Center (www.donaldson.com/en/erc) established.

2005 DPF Cleaning System and DMF Muffler launched for emissions retrofit market. Donaldson introduces an active, smart DPF emissions solution for the most difficult duty cycles; low temperature, transient and extended idling.

2006 Donaldson expands European emissions staff and Mexico exhaust manufacturing to Monterrey; Donaldson improves Stepped SealClamp™.

2007 Donaldson expands OE emissions support with production of active and passive exhaust aftertreatment systems to meet U.S. EPA 2007 on-road emissions regulations.

2009 Donaldson produces urea and non-urea based NOx reduction systems for OE 2010 and retrofit for in-use vehicles.

Acronym Reference: See Shoptalk Section

Diesel Retrofit Emissions Solutions

www.donaldson.com/emissions

OVERVIEW

Governmental regulations across the globe are being implemented that reduce diesel emissions. These regulations affect both OE manufacturers and end users. Donaldson works with both OE manufacturers and fleets to design innovative, customized solutions. (See Shoptalk section for Diesel PM limits and global emissions regulations.)

In order to meet retrofit emissions regulations, diesel-powered vehicle owners around the world will be faced with major business decisions to become compliant with current regulations; choices include retrofit, refuel, rebuild, repower or replace.

For older vehicles that have five or more years of useful life available, fleet owners are electing to retrofit their vehicles to extend the life of their current equipment.

Donaldson takes a "total system approach" to retrofit – delivering patented solutions that reduce not just what comes out of your tailpipe, we also offer a solution that eliminates emissions generated from the engine crankcase (Spiracle™ crankcase filtration technology).

Donaldson has California ARB and U.S. EPA-verified solutions, an installation service network, and local Donaldson representatives that are ready to help you select the best solution for your fleet.

Do you have questions about meeting retrofit emissions regulations?

We have a specialized team of emissions experts that can help determine your emission reduction targets and then specify the right Donaldson solution, keeping in mind regulations, budgets and fleet size.

Emission Retrofit Sales Group
Email: emissionssales@donaldson.com
Phone: 866-675-2847
Web site: www.donaldson.com/emissions

Choices for Diesel Retrofit

Retrofit – new emission control devices on existing engines (filters, catalysts)

Refuel – cleaner diesel fuel (ULSD), emulsions or additives

Rebuild – repair/upgrade key components or engine reprogramming

Repower – put new or newer engine in existing equipment or chassis

Replace – vehicle/equipment condition less than the value of new engine

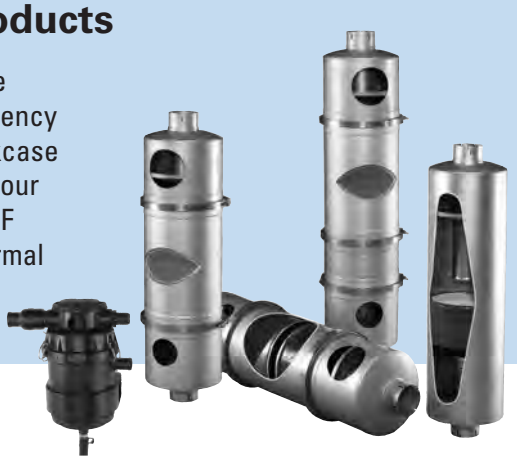
Internet Resource:

Emissions Resource Center

www.donaldson.com/en/erc

Emissions Retrofit Products

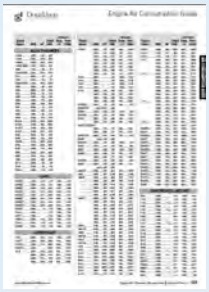
Retrofit solutions include cost-effective and high efficiency tailpipe and Spiracle™ crankcase filtration technologies plus our DPF cleaning system (DPF pulse cleaner and DPF Thermal Regenerator).



The calculations on the right are provided as a reference and may be helpful as you validate and select Donaldson mufflers and components.

For the most accurate engine airflow and exhaust flow rates, Donaldson recommends using the information supplied by your engine manufacturer.

Looking for Engine Exhaust Flow Guide?



See Exhaust Flow Reference Section of this catalog.

Airflow guide should only be used as a reference document/ For proper muffler application, look to your engine supplier for the most accurate and current information.

Engine Exhaust Flow Rate Calculation

Exhaust flow rate may be calculated using the following formula. Exhaust temperature and intake airflow rate must be determined to calculate the exhaust flow rate. Exhaust temperature and manufacturers maximum backpressure may be approximated using the chart on the right.

$$\left(\frac{\text{Exhaust Temp. (°F)} + 460}{540}\right) \times \text{Intake Airflow (CFM)} = \text{Exhaust Flow}$$

Engine Type	Engine Temperature	Maximum Backpressure
Diesel 2-Cycle Naturally Aspirated	= 900° F	4" Hg
Diesel 2-Cycle Turbo	= 750° F	3" Hg
Diesel 4-Cycle Naturally Aspirated	= 1000° F	3" Hg
Diesel 4-Cycle Turbo	= 900° F	3" Hg
Gasoline (all types)	= 1200° F	>4" Hg

Note: If you are spec'ing a dual muffler system, remember to divide engine's exhaust flow (CFM) by two

Engine Airflow Calculation

CFM intake rate is available from the engine manufacturer. If CFM specifications are not available, use the volumetric efficiency calculation. A simple calculation for cfm is to multiple the horsepower of your engine by 2.5.

4-Cycle Engine Airflow Calculation

$$\left(\frac{\text{Engine Size (CID)} \times \text{RPM}}{3456}\right) \times \text{Volumetric Efficiency} = \text{Intake Airflow (CFM)}$$

2-Cycle Engine Airflow Calculation

$$\left(\frac{\text{Engine Size (CID)} \times \text{RPM}}{1728}\right) \times \text{Volumetric Efficiency} = \text{Intake Airflow (CFM)}$$

Volumetric Efficiency

Engine volumetric efficiency ratings are best obtained from your engine manufacturer. Engines operating with electronic controls could have volumetric efficiency ratings of more than 2.0. Airflow on these engines should be verified by the engine manufacturer.

4 Cycle GAS Engine	Naturally Aspirated	=	.70 - .80
2 and 4 Cycle DIESEL Engine	Naturally Aspirated	=	.90
	Turbo*	=	1.50 - 3.00*

* If VE rating is not available, Donaldson recommends using the highest value to insure proper airflow.

The information below is the exhaust portion of our Engine Aftermarket Filtration & Exhaust Warranty Document: F110064 (February 2006)

Donaldson warrants its Aftermarket products against failure due to defects in materials and workmanship for the period specified under Terms and Conditions for the particular product. Donaldson's obligation under this warranty covers replacing the failed product, including transportation charges, only. If the Donaldson product failure is the sole and direct cause of damage to the equipment on which the product was properly installed, Donaldson will reimburse reasonable costs to restore the equipment to the condition it was in immediately before the failure. This warranty does not cover failure due to misapplication, misuse, abuse, neglect, rust through and corrosion (mufflers), improper service practices or non-Donaldson approved modifications. Engine and equipment manufacturers warranties remain in effect when Donaldson products are used.

Donaldson must be notified in writing of any claims covered by this warranty within one year of the date of failure. Donaldson, at its discretion, will either physically visit the site where the alleged failure has been found; or, request that all parts, Donaldson and other relevant parts, be shipped prepaid to its General Office, in care of the Product Lab or as otherwise specified.

Terms & Conditions

Warranty coverage begins on the date and mileage the product is purchased by the user and expires when the specified number of years or miles has passed, whichever occurs first.

The length of warranty for replacement products provided under warranty coverage is the balance of the warranty period remaining on the product being replaced.

Warranty Length by Product

Exhaust Products	Warranty from Date of Delivery to User
Diesel Mufflers	
Vertical Installation	4 Years or 500,000 miles (800,000 km)
Horizontal Installation	3 Years or 500,000 miles (800,000 km)
Gas Mufflers	1 Year
Silent Partner™, Exhaust Silencer	
Stainless Steel	8 Years or 1,000,000 miles (1,600,000 km)
Aluminized Steel	4 Years or 500,000 miles (800,000 km)
Exhaust Accessories	1 Year
Chrome Parts	1 Year or 100,000 miles (160,000 km) (peeling & blistering only)
Flex Pipe	90 Days
Long-Life Flex Pipe	1 Year or120,000 mile (200,000 km) (on-highway vehicles only)

EXHAUST ACCESSORIES

Free Exhaust Accessory Poster

For mechanics and parts counter personnel, this "door width" sized poster (25" x 38" /635 mm x 965 mm) is available from Donaldson or your local Donaldson distribution outlet.

This handy visual makes it easy for your customers to identify the replacement accessories they're looking to replace.

The parts information is updated annually so if you have an old version, consider updating.

Poster Part No. F115023.

Donaldson offers and extensive line of accessories available in a variety of materials for both vertical and horizontal exhaust systems.

Heavy-Duty V-bands, Muffler Bands, Straps and Hangers

Section Index

Exhaust Accessories

Intake Accessories

Common Components Of Heavy Duty Exhaust Systems

NEW

Bent Tubes & Elbows

For directional changes of exhaust flow in exhaust systems. Available in common angles (90, 67 and 45) for both O.D. and I.D. tube connections.

Wye Connector

For joining legs of dual manifold outlet to form a single exhaust system. Wye connectors can provide an additional 3 to 7 dbA exhaust noise reduction over that of the primary muffler and may also be used to replace conventional wye pipe.

Resonator

Secondary noise reduction component that generally provides 2 to 3 dbA additional noise reduction.

Tubing (Straight or Flexible)

Straight or flexible tubing for connection to muffler or resonator. Purchased in standard lengths and cut to size if needed.

Muffler

The primary component in an exhaust system for engine noise reduction.

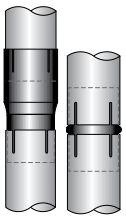
Exhaust Filter or Emissions Device

Traditional exhaust systems with mufflers are transitioning from noise reduction devices to emissions reduction devices to meet federal and state regulations. The primary component in the emissions device converts or captures exhaust emissions to reduce overall engine emissions. An emissions reduction device can be an add-on installed into the existing system or a retrofit muffler replacing the original muffler.

Hanger

Secures the muffler or pipe horizontally or vertically to chassis or side of cab.

Reducers, Connectors & Expanders



Shorter length tubes used for connecting two other exhaust pipes of different diameters or the same diameter.

Spark Arrestor

An exhaust system add-on used to capture sparks emitted from internal combustion engines through the exhaust system. All Donaldson models are U.S. Forest Service approved.

Splitter Tee Adapter

An adapter pipe with one inlet and two outlet tubes used to convert a single exhaust system to a dual exhaust system.

Stack or Tail Pipes

Vertically mounted outlet pipe; available in curved outlet or straight squared configuration.

Note: Super stacks also available that can offer an additional 2 to 3 dbA noise reduction with no back-pressure penalty.

Stack Cap

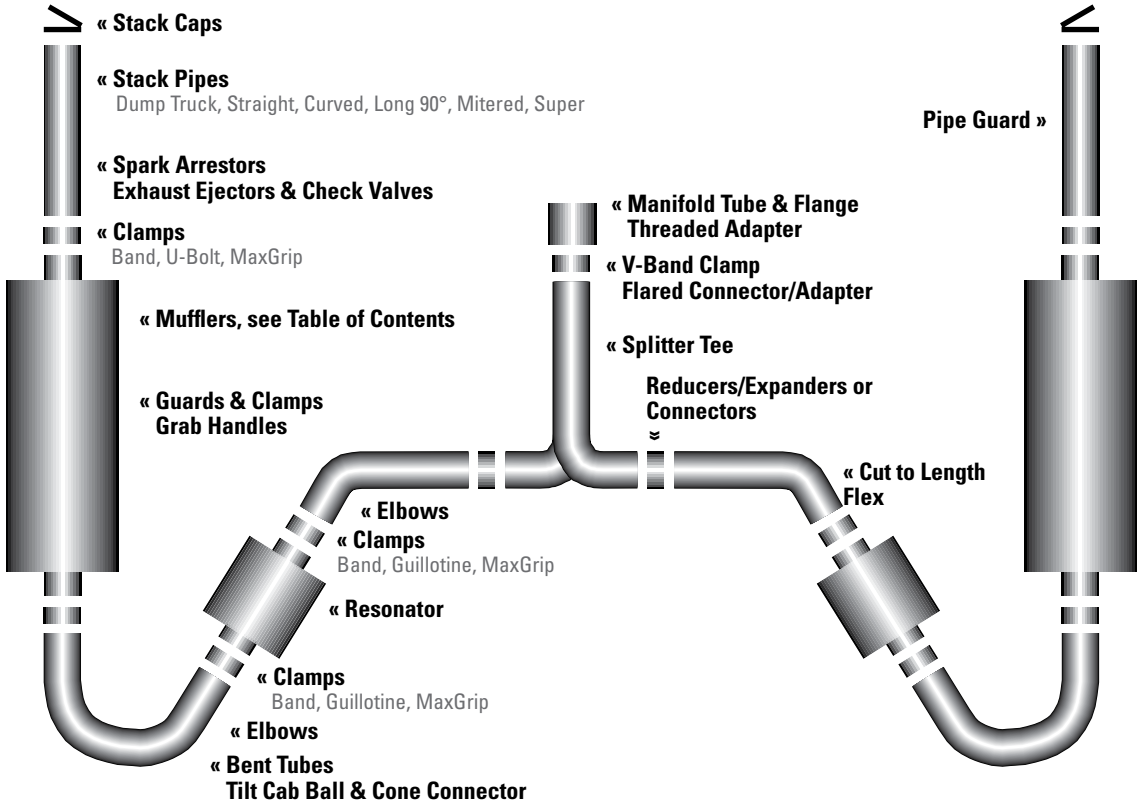
Moisture protector used on vertically mounted mufflers or stack pipes.

Clamps

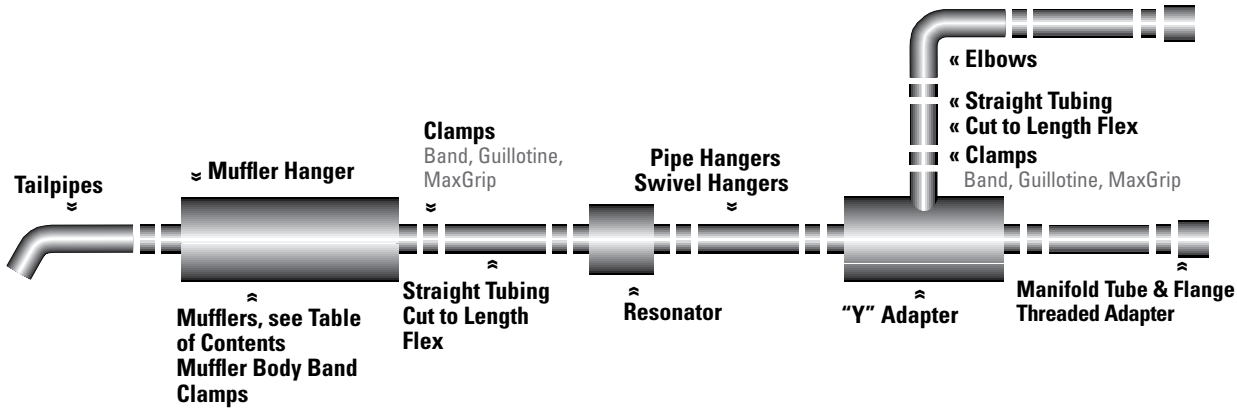
Exhaust systems use a variety of exhaust clamps. Selecting the proper clamp for the job is critical to a strong, reliable joint connection. Common types include u-bolt, band Clamps, bent bolt clamps and v-band clamps.

From the manifold to the exhaust stack, you'll find Donaldson can be the best source for your exhaust system accessories. The system diagrams below represent typical components found on exhaust systems.

Vertical System Components (cab or stanchion mounted)



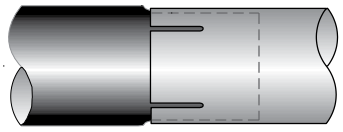
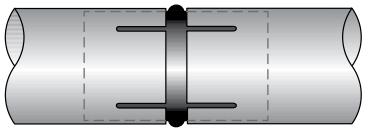
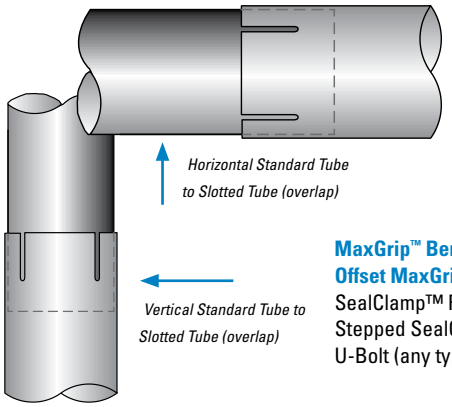
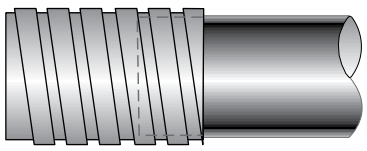
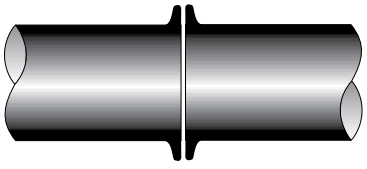
Horizontal System Components (Chassis mounted)



Exhaust Joint/Connections

Guide to Selecting the Best Clamp for the Exhaust Joint Connection

Donaldson FILTRATION SOLUTIONS

Type of Joint/Connection	Type of Clamp to Apply (blue text = primary clamp recommendation)
 Exhaust - tube to tube Standard OD	**MaxGrip™ Bent Bolt** **Stepped SealClamp (Aluminized or Stainless)** Offset MaxGrip™ Bent Bolt SealClamp™ Flat Band (Aluminized or Stainless) Narrow Band (Aluminized) U-Bolt (any type, any material)
 Slotted Tube to Shrunk OD	**MaxGrip™ Bent Bolt** SealClamp™ Flat Band (Aluminized or Stainless) Narrow Band (Aluminized) U-Bolt (any type, any material)
 Slotted Tube to Slotted Tube (butt with internal connector	**MaxGrip™ Bent Bolt (2 required per connection)** SealClamp™ Flat Band (Aluminized or Stainless) U-Bolt (any type, any material, 2 required per connection)
 *Horizontal Standard Tube to Slotted Tube (overlap)* *Vertical Standard Tube to Slotted Tube (overlap)*	**MaxGrip™ Bent Bolt** **Stepped SealClamp (Aluminized or Stainless)** Offset MaxGrip™ Bent Bolt SealClamp™ Flat Band (Aluminized or Stainless) Narrow Band (Aluminized) U-Bolt (any type, any material) **MaxGrip™ Bent Bolt** **Offset MaxGrip™ Bent Bolt** SealClamp™ Flat Band (Aluminized or Stainless) Stepped SealClamp™ (Aluminized or Stainless) U-Bolt (any type, any material)
 Standard Tube to Flex Tube	**Stepped SealClamp™ (Aluminized or Stainless)** **Offset MaxGrip™ Bent Bolt (with chevron)**
 Flared, Lipped or Flange Connec	**V-Band Clamps** 

MaxGrip™ Bent Bolt


Offset MaxGrip™ Bent Bolt


Offset MaxGrip™ Bent Bolt (chevron design)


Flat Band SealClamp™


Stepped SealClamp™


U-Bolt Single, Round Band


U-Bolt Double, Flat Band


Narrow Band Accuseal®


Based on the type of exhaust joint, your choice of clamp to apply may be limited. But, when you're looking to purchase a clamp based on specific performance features, the information below may be helpful as you try to select the proper clamp for the application.

Clamp Performance Rankings (10 high - 1 low)

Holding Force

10 Offset MaxGrip™ Bent Bolt
10 V-band Clamp
8 MaxGrip™ Bent Bolt
7 U-bolt (any style or material)
5 SealClamp™ (any style or material)
3 Narrow Band (aluminized)

Ease of Assembly

9 MaxGrip Bent Bolt
9 Narrow Band (aluminized)
8 Offset MaxGrip Bent Bolt
8 Stepped SealClamp (aluminized or stainless)
6 U-bolt (any style or material)
5 V-band Clamp
3 SealClamp Flat Band (aluminized or stainless)

Sealing Properties

10 Stepped SealClamp (aluminized or stainless)
9 V-band Clamp
8 SealClamp Flat Band (aluminized or stainless)
6 MaxGrip Bent Bolt
6 Offset MaxGrip Bent Bolt
5 Narrow Band (aluminized)
3 U-bolt (any style or material)

Appearance

10 Stepped SealClamp (stainless)
10 V-band Clamp
9 Stepped SealClamp (aluminized)
7 Offset MaxGrip Bent Bolt
7 Narrow Band (aluminized)
7 SealClamp Flat Band (stainless)
6 SealClamp Flat Band (aluminized)
5 MaxGrip Bent Bolt
5 U-bolt (double, flat band, chrome)
4 U-bolt (double, flat band, zinc)
4 U-Bolt (single, round band, chrome)
2 U-Bolt (double, round band, steel)
1 U-Bolt (single, round band, steel)

Tube Deformation

10 V-band Clamp
9 Stepped SealClamp (aluminized or stainless)
8 Offset MaxGrip Bent Bolt
8 SealClamp Flat Band (aluminized or stainless)
7 MaxGrip Bent Bolt
7 Narrow Band (aluminized)
2 U-bolt (double, flat band, chrome or zinc)
2 U-Bolt (double, round band, steel)
1 U-Bolt (single, round band, chrome or steel)

Price

10 U-Bolt (single, round band, steel)
9 U-Bolt (double, round band, steel)
8 Narrow Band (aluminized)
8 SealClamp Flat Band (aluminized)
8 U-bolt (double, flat band, zinc)
7 MaxGrip Bent Bolt
7 Offset MaxGrip Bent Bolt
7 SealClamp (other than aluminized)
6 U-Bolt (single, round band, chrome)
3 U-bolt (double, flat band, chrome)
1 V-band Clamp

What Features Are Most Important to You?

_____ Holding Force
_____ Ease of Assembly
_____ Sealing Properties
_____ Tube Deformation
_____ Appearance
_____ Price

Offset MaxGrip™ Bent Bolt Clamp

Donaldson introduces a new series of bent bolt clamps for use on exhaust systems. The clamps are manufactured in heavy duty aluminized steel to minimize corrosion.

- Clamps are reusable
- Aluminized band, stainless steel welds, deburred strap edges and finished with a heat resistance silver paint
- Self positioning for easy installation
- Protected by patents, both issued and pending

Offset MaxGrip Bent Bolt

For Muffler to Stack Connections

Nominal I.D. in	mm	Functional I.D. Range inches	mm	Part Number
4.00	102	4.04-4.21	103-107	M002164
5.00	127	5.04-5.21	128-132	M001865

Offset MaxGrip Bent Bolt

For Tube to Flex Connections

Nominal I.D. in	mm	Functional I.D. Range inches	mm	Part Number
4.00	102	4.04-4.21	103-107	M002134
5.00	127	5.04-5.21	128-132	M002135

MaxGrip™ Bent Bolt Clamp

- More holding power than any other clamp tested
- Donaldson patented technology
- Clamps are reusable
- Aluminized band, stainless steel welds, and deburred strap edges finished with heat resistant black paint
- Use these clamps on slotted, lapped tube connections and manifold connections
- Ideal for use on Donaldson "captured" slots for maximum sealing
- Coated bolts and threads
- Hardened flange nuts

MaxGrip Bent Bolt Clamp

Nominal I.D. in	mm	Functional I.D. Range inches	mm	Part Number
1.75	44	1.79-1.96	45-50	M001866
2.00	51	2.04-2.21	52-56	M001867
2.50	64	2.54-2.71	65-69	M001756
3.00	76	3.04-3.21	77-82	M001702
3.50	89	3.54-3.71	90-94	M001502
3.75	95	3.73-3.90	95-99	M001593
3.88	99	3.89-4.06	99-103	M001432
4.00	102	4.04-4.21	103-107	M001503
4.25	108	4.21-4.38	107-111	M001566
4.50	114	4.54-4.71	115-120	M001703
5.00	127	5.04-5.21	128-132	M001668
5.25	133	5.21-5.38	132-137	M001504
6.00	152	6.04-6.21	153-158	M001505
6.25	159	6.21-6.38	158-162	M001799
6.75	171	6.83-7.00	173-178	M001506

SealClamp™ – The Original Band Clamp

Preformed & Flat Styles

Used to seal muffler inlets, outlets, elbow joints, flex pipes, and other system connections. Also minimizes noise and exhaust gas leaks.

SealClamps are easy to install! There's no need to weld or disconnect your exhaust system.

When installed, the wide band conforms to the shape of straight or flex pipe, and seals without distorting the pipe.

- For overlapping I.D. to O.D. slotted joints and flex tube
- Flat band style may be used for butt-style joints in light duty applications
- Nuts and bolts fit both 9/16" and 14mm wrenches
- Reduces noise and exhaust leaks
- Installs easily – no disconnecting or welding necessary
- Available in aluminized and stainless steel
- Stainless models have improved corrosion resistance and high temperature strength compared to aluminized

Stepped Preformed SealClamp

Stepped Preformed SealClamp

- Full 360° clamping area
- No flex pipe pinching
- Available in stainless and aluminized

O.D. Pipe in	O.D. Pipe mm	Stainless	Aluminized
2.50	64	X007829	
3.00	76	X007830	X007833
3.50	89	X007831	X007834
4.00	102	X007784	X007824
5.00	127	X007785	X007805
6.00	152	X009076	

U.S. Patent Nos. 6,116,659; 6,634,607 B2; 6,796,004 B2

Stepped Preformed SealClamp is Individually packaged with installation instructions

Flat Band SealClamp

May be used for butt-style joints in light duty applications

Flat Band SealClamp

O.D. Pipe in	O.D. Pipe mm	Stainless	Aluminized
2.00	51	X004536	
2.25	57	X004537	
2.50	64	X004476	
2.75	70	X004538	
3.00	76	X004478	
3.50	89	X004480	X006204
4.00	102	X004482	X006203
4.50	114	X004962	
5.00	127	X004484	X006202
6.00	152	X004539	

Donaldson Flat Band SealClamps are Individually packaged. Loose parts inside the shrink wrapped package.

Torctite®

Torctite® Lap Joint

O.D. Pipe in	O.D. Pipe mm	Aluminized	Stainless	Polished Stainless
2.00	51		J190056	
2.25	57		J190057	
2.50	64		J190058	
2.75	70		J190059	
3.00	76	J009604	J190060	
3.50	89	J009605	J190061	
4.00	102	J009606 [1]	J009623 [3]	P222740
4.50	114	J190054	J190062	
5.00	127	J009607 [2]	J009624 [4]	P222741
6.00	152	J190055	J190063	P222742

1 - Consider X007824 as an alternative
2 - Consider X007805 as an alternative
3 - Consider X007784 as an alternative
4 - Consider X007785 as an alternative

Accuseal®

Accuseal® is a registered trademark of Torca Co.

O.D. Pipe in	O.D. Pipe mm	Aluminized
2.00	51	J000204
2.25	57	J000205
2.50	64	J000206
2.75	70	J000207
3.00	76	J000200
3.50	89	J000201
4.00	102	J000202
4.50	114	J000208
5.00	127	J000203
6.00	152	J000209

Easyseal®

May be used for lap and butt-style joints

O.D. Pipe in	O.D. Pipe mm	304 Bright Stainless
2.00	51	J000210
2.25	57	J000212
2.50	64	J000211
2.75	70	J000213
3.00	76	J000214
3.50	89	J000215
4.00	102	J000216
4.50	114	J000219
5.00	127	J000217
6.00	152	J000218

Easyseal® is a registered trademark of Torca Co.

Standard U-Bolt Clamps (All models 3/8-16" UNC-2A)

- Single, round band
- Cold rolled steel or Chrome

O.D. Pipe in	O.D. Pipe mm	Steel	Chrome
2.00	51	P206403	
2.25	57	P206404	
2.50	64	P206405	
2.75	70	P206406	
3.00	76	P206407	
3.25	83	P206408	
3.50	89	P206409	
4.00	102	P206410	J009486
5.00	127	P206411	J009487
6.00	152	P207667	

- Double, round band

O.D. Pipe in	O.D. Pipe mm	Steel
2.00	51	J000220
2.25	57	J000222
2.50	64	J000221
2.75	70	J000224
3.00	76	J000227
3.50	89	J000228
4.00	102	J000230
4.50	114	J000231
5.00	127	J000232
6.00	152	J000233

- Double, flat band

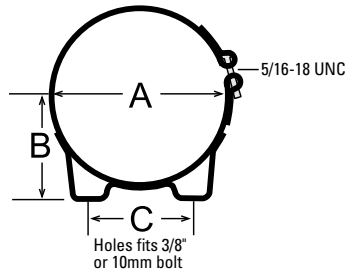
O.D. Pipe in	O.D. Pipe mm	Zinc	Chrome
3.00	76	P206600	P206608
3.50	89	P206601	P206609
4.00	102	P206602	P206610
5.00	127	P206603	P206611
6.00	152	P207596	P207598

Muffler Body Band Clamps for Traditional Mufflers

- High temperature black finish (matches finish on new off-road mufflers)
- Band width 1.25" (32mm)

Muffler Body Band Clamps

---- A ---- in	mm	---- B ---- in	mm	---- C ---- in	mm	Part Number
6.00	152	3.75	95	3.75	95	M002117
6.62	168	4.00	102	4.00	102	M002118
8.50	216	5.00	127	5.00	127	M002119
9.00	229	5.50	140	5.50	140	M002120
10.08	256	6.00	152	6.00	152	M002121
11.06	281	6.50	165	6.50	165	M002122
11.84	301	7.00	178	7.00	178	M002123



Heavy-Duty Muffler Body Band Clamps

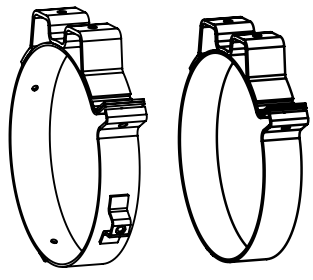
Clamp Notes:
- Pinch bolts are not included
- Most use 3/8-1-1/2" long grade 5 or 8 grade bolts
- Band width 1.25" (unless noted)
- Reuse existing frame mounting bolts
- Materials are either zinc-plated or aluminized mild steel.

W-Foot Body Bands

- Use for vertical or horizontal mounting
- Bolts not included

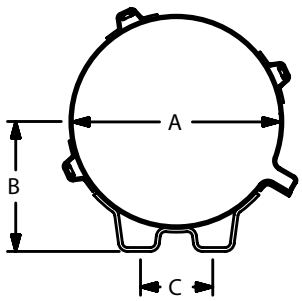
for Heat Shield Applications

---- A ---- in	mm	---- B ---- in	mm	---- C ---- in	mm	Part Number
10.00	254	6.28	160	3.5	89	P227803
11.00	269	6.50	165	6.5	165	P229513
13.00	330	7.75	197	6.5	165	P230283



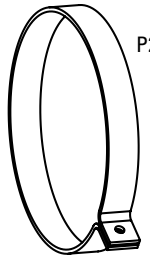
P227803

P230281
No heat shield
stand off

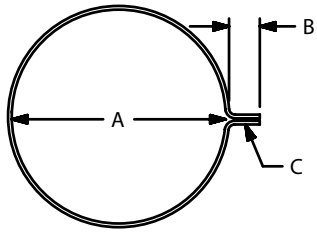


No Heat Shield Applications

---- A ---- in	mm	---- B ---- in	mm	---- C ---- in	mm	Part Number
10.00	254	6.28	160	3.5	89	P230282
11.00	269	6.50	165	6.5	165	P230281
13.00	330	7.75	197	6.5	165	P230045



P227804



Band width 1.5" (38mm)

Muffler Body Bands for Schools Buses

---- A ---- in	mm	---- B ---- in	mm	---- C ----. in	mm	Part Number
10.00	256	1.75	44	.40	10	P228241 (1)
11.00	279	1.75	44	.40	10	P227804 (2)

1. Bluebird conventional bus with Cat Engine Works
2. Bluebird rear engine bus

Heat Sleeves & Heat Wrap

Heat sleeves or heat wrap could reduce the outside temperature of a bare pipe by up to 300°F to 400°F.

Heat Sleeves

Slips onto 3" to 5" dia. pipe

Length	Part Number
12"	P235764
18"	P235765
24"	P235766

Heat Wrap

2" wide roll, easy to install on any pipe

Length	Part Number
2"X50' (600") Roll	P235767

Sleeve & Wrap Clamps

Wrap clamps make installation easy! No tools needed.

Length	Part Number
2 PC of 18" Long Clamp	P235768
12 PC of 18" Long Clamp	P235769

Flex Tubing & Cut to Length Flex

Flex Tubing

- Flex tubing (and cut lengths) should be installed in a half extended state. Donaldson flex tubing ships in the half extended state.
- Material thickness for stainless and galvanized is 0.015"
- Sized by flex I.D.
- Material thickness

Flex Tubing

--- I.D. --- in	mm	10 ft. (3 m) Lengths Stainless	Galvanized	25 ft (7.6 m) Lengths [1] Stainless	Galvanized
2.00	51	P226151	P226148		
2.50	64	P226152	P226149		
3.00	76	P226144	P226140	P226132	P226129
3.50	89	P226145	P226141	P226133	P226154
4.00	102	P226146	P226142	P226156 [2]	P226155 [2]
5.00	127	P226147	P226143	P226158 [2]	P226157 [2]
6.00	152	P226153 [1]	P226150 [1]		

1 - Size exceeds shipping limits by North American small package carriers. This item must ship by truck.
2 - Shipped on pallet, product is not boxed.

Cutting & Installation Instructions for Flex Tubing - Please see page 168

Standard Cut to Length Flex

- Deburred ends
- Sized by flex I.D.
- Stainless and galvanized material thickness - 0.015"
- Measured fully extended

Close-up of deburred edge

Standard Cut to Length Flex

--- I.D. --- in	mm	Overall Length in	mm	Stainless	Galvanized
3.00	76	12.00	305	J240003	
		18.00	457	P206552	
		24.00	610	J240004	
3.50	89	12.00	305	J240005	
		18.00	457	P206553	
		24.00	610	J024850	
4.00	102	12.00	305	J240006	P224479
		18.00	457	P206554	J024754
		24.00	610	J024836	J024835
		36.00	914	J034673	J034743
5.00	127	12.00	305	J240007	P224481
		18.00	457	P206555	J024755
		24.00	610	J024838	J024837
		36.00	914	J034674	J034744
6.00	152	18.00	457	P206556	
		30.00	762	P206559	

Flex Cut Lengths with Finished Ends

- Flex tubing (and cut lengths) should be installed in a half extended state. Donaldson flex tubing ships in the half extended state.
- One end O.D., one end I.D. slotted
- Sized by flex I.D.
- Overall length includes finished ends
- Welded tube ends

Cut-to-Length Flex - Finished Ends

--- I.D. --- in	mm	Overall Length in	mm	Galvanized
3.00	76	18.00	457	P206544
4.00	102	18.00	457	P206546
5.00	127	18.00	457	P206547

Long-Life Cut to Length Flex

- Improved flexibility
- Consistent product quality–optimized material choice/consistency
- Heavier gauge stainless material over standard flex (0.018" gauge)
- Up to 8 times longer life than conventional flex
- Less leakage and lower emissions during truck start up
- Simplified installation–installation strip and flow direction
- Ends square cut and deburred
- Installation length indicator
- 12 month/120,000 mile/200,000 km warranty (on-highway vehicles only)

Donaldson patented technology

Long-Life Flex

--- I.D. --- in	mm	Mid Length[1] in	mm	Stainless
4.00	102	12.00	305	P224412
		15.00	381	P224415
		18.00	457	P224418
		21.00	533	P224421
5.00	127	15.00	381	P224515
		18.00	457	P224518
		21.00	533	P224521

1 - Length measured in half compressed state

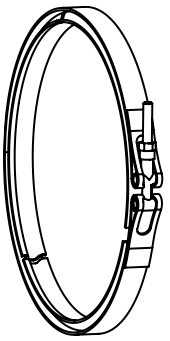
Recommended clamps:
Preformed SealClamp or Offset MaxGrip Bent Bolt

ACCESSORIES

V-Band Clamps

V-Band Clamps for Large Diameter Mufflers

- The V-band clamp is a common clamp for Donaldson retrofit mufflers
- The unique design reduces service time creates a reliable, leak-free seal between components
- Piloted v-insert section, facilitates reassembly and alignment for clamping



- Body Dia. - in	mm	Part Number
10.0	254	P227750
11.0	279	P212925
13.0	330	P229851

V-Band Clamps for Pipes and Turbo Housing Flanges

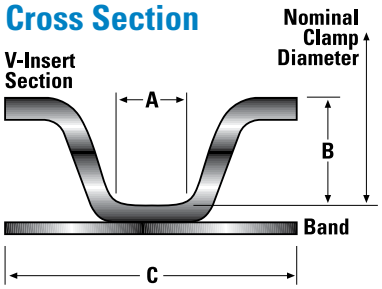
- Used to connect vehicle exhaust pipe flange to turbo or engine manifold
- May also hold the turbo housing flanges
- Built to withstand high temperatures produced by heavy-duty engines/turbos
- Manufactured to the highest tolerances and meet or exceed OEM specifications for material and quality standards

Cat	Part Number	Nominal Diameter in	mm	V-Insert Sections --- A --- in	mm	--- B --- in	mm	--- C --- in	mm
3406, 3406B, 3176	P206607	5.88	149	0.40	10	0.28	7	0.88	22
3176T	P222018	4.75	121	0.40	10	0.28	7	0.88	22

Cummins	Part Number	Nominal Diameter in	mm	V-Insert Sections -- A -- in	mm	-- B -- in	mm	-- C -- in	mm
B Series, #3903652	J009618	3.21	82	0.26	7	0.14	4	0.75	19
C Series	P222017	4.13	105	0.26	7	0.14	4	0.75	19
L10, M11	P222018	4.75	121	0.40	10	0.28	7	0.88	22
V555, V902, V903	J009612	3.88	99	0.40	10	0.28	7	0.88	22

Detroit Diesel	Part Number	Nominal Diameter in	mm	V-Insert Sections -- A -- in	mm	-- B -- in	mm	-- C -- in	mm
6-71T, 12V71, 8.2N, 8.2T	P206606	4.81	122	0.21	5	0.28	7	0.88	22
6V53, 6V71, 6V92, 8V92	P206604	3.82	97	0.21	5	0.28	7	0.88	22
8.2 N, #2069773	J009611	4.06	103	0.24	6	0.28	7	0.88	22
8V71T	P213191	5.81	148	0.21	5	0.28	7	0.88	22
8V71T, 16V-71, 16V92T, 6V92, 8V92	P210110	5.25	133	0.21	7	0.14	4	0.75	19
8V92, 8V71, 4-53, 6-71	P206605	4.5	114	0.21	5	0.28	7	0.88	22
Series 60	P206607	5.88	149	0.40	10	0.28	7	0.88	22

Cross Section



IH	Part Number	Nominal Diameter in	mm	V-Insert Sections -- A -- in	mm	-- B -- in	mm	-- C -- in	mm
DT466	J009613	4.33	110	0.21	5	0.28	7	0.88	22

Mack	Part Number	Nominal Diameter in	mm	V-Insert Sections -- A -- in	mm	-- B -- in	mm	-- C -- in	mm
48RU2341, 4ME21409	J009614	4.61	117	0.16	4	0.28	7	0.75	19

Flared Connectors - All16 ga. Aluminized Steel

O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	-- F -- in (mm)	Flared Connector	V-Band Clamp	Application
3.00 (76)	3.02 (77)	3.62 (92)	4.00 (102)	22°	0.75 (19)	P207619	P206604	DD 6V 71
3.50 (89)	3.63 (92)	4.25 (108)	4.00 (102)	22°	0.75 (19)	P207581	P206605	8V-71-VT-555
4.00 (102)	4.02 (102)	4.75 (121)	4.00 (102)	22°	0.75 (19)	P207620	P206606	6 71-12V 71

P207619

O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	-- F -- in (mm)	Flared Connector	V-Band Clamp
3.50 (89)	3.52 (89)	4.19 (106)	4.75 (121)	45°	2.12 (54)	P207568	P206605
4.00 (102)	4.02 (102)	4.70 (119)	4.75 (121)	45°	2.50 (64)	P207567	P206606
5.00 (127)	5.02 (128)	5.70 (145)	4.75 (121)	45°	3.00 (76)	P207566	P206607

P207568, P207567, or P207566

P207582

O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	-- F -- in (mm)	Flared Connector	V-Band Clamp	Application
4.00 (102)	3.63 (92)	4.25 (108)	3.81 (97)	22°	0.75 (19)	P207582	P206605	8V 71

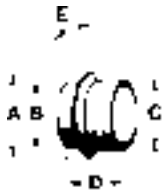
I.D. / O.D. -- A -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	Flared Connector	V-Band Clamp
3.00 (76)[1]	3.75 (95)	1.50 (38)	20°	P206612	P206604
	3.92 (100)	2.25 (57)	20°	J009479	J009611
3.50 (89)[1]	4.19 (106)	1.50 (38)	22°	P206613	
3.50 (89)[2]	4.29 (109)	1.50 (38)	22°	J009391	P206605
4.00 (102)[1]	4.75 (121)	1.50 (38)	22°	P206614	P206606
5.00 (127)[2]	5.50 (140)	5.25 (133)	45°	J009393	
	5.69 (145)	3.00 (76)	22°	P206615	P206607
	5.86 (149)	5.00 (127)	20°	J009629[3]	

1 - I.D. Dimension
2 - O.D. Dimension
3 - Adapter has pyrometer fitting

P206614

J009629
Adapter with Pyrometer Fitting (1/4" NPT)

P207584



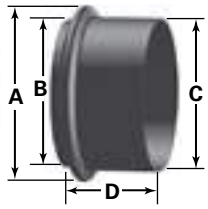
Lipped Flange

O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	Flange	V-Band Clamp	Application
5.01 (127)	4.25 (108)	4.80 (122)	1.94 (49)	20°	P207584	P210110	Air Research Turbo

Marmon Flanges & Flares

NEW

Marmon Flare
P235792
P235793



Marmon Flange
P235796
P235797

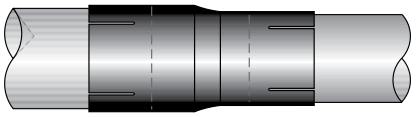
Join parts together for leakproof and serviceable connections with a V-Band Clamp. All components made from 304 SS.

	O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	Part No.	V-Band Clamp
Marmon Flare	4.00 (102)	–	4.63 (118)	3.00 (76)	P235792	P206606
	5.00 (127)	–	5.63 (143)	3.00 (76)	P235793	P206607
Marmon Flange	4.72 (120)	3.80 (97)	4.00 (102)	3.00 (76)	P235796	P206606
	5.79 (147)	4.96 (126)	5.00 (127)	3.00 (76)	P235797	P206607

Reducers/Expanders

I.D. - I.D.

Reduces O.D. pipe of different sizes. 16 gauge aluminized steel.



-- I.D. -- in	mm	-- I.D. -- in	mm	Length in	mm	Part Number
2.50	64	2.00	51	6.00	152	P207382
2.75	70	2.50	64	6.00	152	P207385
3.00	76	2.50	64	6.00	152	P206313
		2.75	70	6.00	152	P207386
3.50	89	3.00	76	6.00	152	P206314
4.00	102	3.00	76	6.00	152	P206315
		3.50	89	8.00	203	P206316
5.00	127	4.00	102	6.00	152	P206317
6.00	152	5.00	127	8.00	203	P206318

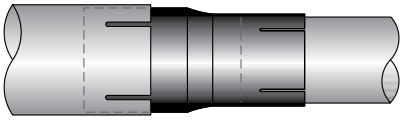
I.D. - O.D.

Reduces larger O.D. pipe to smaller I.D. pipe. Also used as muffler bushing or manifold outlet. 16 gauge aluminized steel.

-- I.D. -- in	mm	-- O.D. -- in	mm	Length in	mm	Part Number
2.50	64	2.00	51	6.00	152	P207397
3.00	76	2.50	64	6.00	152	P206319
		2.75	70	6.00	152	P207401
3.50	89	3.00	76	6.00	152	P206320
4.00	102	3.00	76	6.00	152	P206321
		3.50	89	6.00	152	P206322
4.50	114	4.00	102	6.00	152	J190046
5.00	127	4.00	102	6.00	152	P206323
6.00	152	5.00	127	6.00	152	P207402

O.D. - I.D.

Reduces larger I.D. pipe to smaller O.D. pipe. 16 gauge aluminized steel.

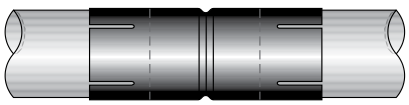


-- O.D. -- in	mm	-- I.D. -- in	mm	Length in	mm	Part Number
2.50	64	2.00	51	6.00	152	P207389
2.50	64	2.25	57	4.00	102	J008942
3.00	76	2.50	64	6.00	152	P206324
3.50	89	3.00	76	6.00	152	P206325
4.00	102	3.00	76	6.00	152	P206326
		3.50	89	6.00	152	P206327
4.50	114	4.00	102	6.00	152	J190041
5.00	127	4.00	102	6.00	152	P206328
6.00	152	5.00	127	6.00	152	P207394

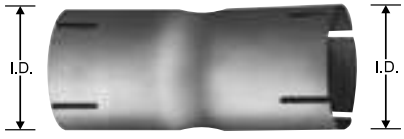
Connectors

I.D. - I.D.

Connects O.D. pipes of the same size. 16 gauge aluminized steel.



--- I.D. --- in	mm	-- Length -- in	mm	Part Number
2.00	51	6.00	152	P207405
2.50	64	6.00	152	P206371
3.00	76	6.00	152	P206372
3.50	89	6.00	152	P206373
4.00	102	6.00	152	P206374
5.00	127	6.00	152	P206375
6.00	152	6.00	152	P207408



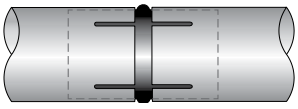
I.D. - O.D.

Connects O.D. and I.D. pipes of the same size. 16 gauge aluminized steel.

I.D.-O.D. in	mm	-- Length -- in	mm	Part Number
2.00	51	6.00	152	P207411
2.50	64	6.00	152	P206366
2.75	70	6.00	152	P207413
3.00	76	6.00	152	P206367
3.50	89	6.00	152	P206368
4.00	102	8.00	203	P206369
5.00	127	8.00	203	P206370
6.00	152	6.00	152	P207414

O.D. - O.D.

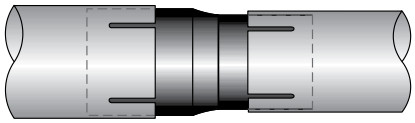
Connects I.D. pipes of the same size. Also used on manifold outlet. Connector has tube stop. 16 gauge aluminized steel.



O.D.-O.D. in	mm	-- Length -- in	mm	Part Number
2.50	64	6.00	152	P206361
3.00	76	6.00	152	P206362
3.50	89	6.00	152	P206363
4.00	102	8.00	203	P206364
5.00	127	8.00	203	P206365

O.D. - O.D.

Reduces I.D. pipe of different sizes. 16 gauge aluminized steel.



-- O.D. -- in	mm	-- O.D. -- in	mm	Length in	mm	Part Number
3.00	76	2.50	64	6.00	152	J190042
3.50	89	3.00	76	6.00	152	J190044
4.00	102	3.00	76	6.00	152	J009648
		3.50	89	6.00	152	J190045
5.00	127	4.00	102	8.00	203	J009649
6.00	152	5.00	127	8.00	203	J009650

Tilt Cab Ball & Cone Connectors

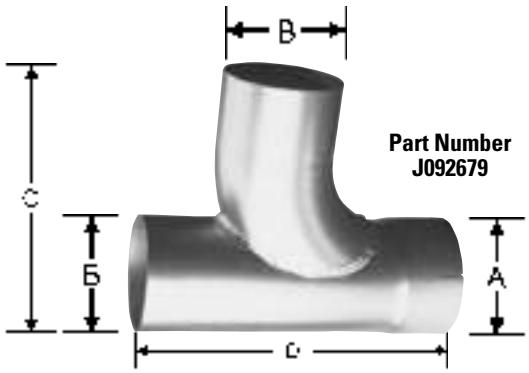
- 16 gauge aluminized steel construction

Ball Connector
P205976 - 4" Pipe I.D.
P206300 - 5" Pipe I.D.

Cone Connector
P205979 - 4" Pipe O.D.
P206299 - 5" Pipe O.D.

Standard "Y" Adapter Pipe

- 16 gauge aluminized steel construction



Part Number
J092679

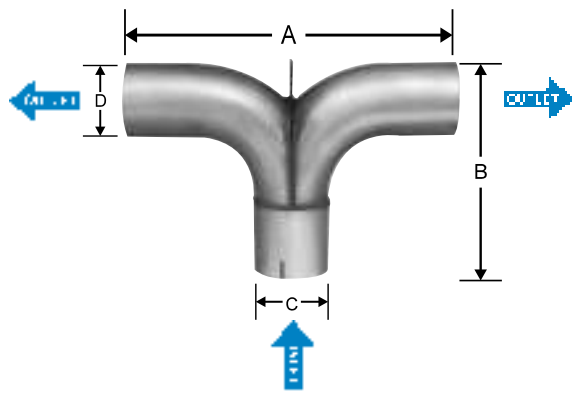
- A (I.D.) - in	mm	- B (O.D.) - in	mm	----- C ----- in	mm	----- D ----- in	mm	Part Number
4.00	102	4.00	102	9.00	229	14.00	356	J092679
5.00	127	5.00	127	10.50	267	15.00	381	J092689

Splitter Tee Adapter

- Converts single exhaust pipe to dual exhaust system
- 16 gauge aluminized steel

(A) in	mm	(B) in	mm	Truck ID (C) in	mm	Leg OD (D) in	mm	Part Number
17.50	445	12.00	305	4.00	102	4.00	102	P206297
26.00	660	14.00	356	5.00	127	5.00	127	P206298

Band width 1.5" (38mm)



ACCESSORIES

Stack Caps

The exhaust stack cap is designed to be mounted on top of a vertical straight exhaust stack pipe and prevents water and debris from entering the stack. The stack cap is not water-tight during pressure washes or under strong wind conditions. Use where exhaust gas temperatures are less than 1000° F / 537° C.

For proper installation, the exhaust cap needs clearance for counterweight rotation and should be installed at a point that allows for this without interference.

The exhaust cap should be placed on the outer diameter of the stack pipe. Allow approximately ¼" of clearance between cap and top of stack.

O.D. Pipe Size in	mm	Zinc Plated	Chrome
1.50	38	P270530	
1.75	44	P270531	
2.00	51	P270532	
2.25	57	P270533	
2.50	64	P270534	
2.75	70	P270535	
3.00	76	P270536	P271507
3.50	89	P270538	P271508
4.00	102	P270539	P270837
4.50	114	P270540	
5.00	127	P270541	P270838
5.50	140	P270542	
6.00	152	P270543	P271511

P270539 - Zinc Plated

P270837 - Chrome

- High temperature corrosion-resistant finish
- Single bolt mount
- Nylon stop for quiet operation
- Metal bushing for high temperature use

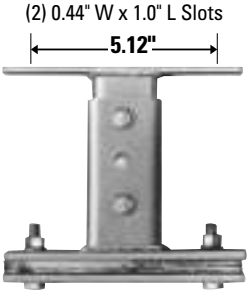
Universal Swivel Hanger

- Heavy reinforced rubber pad
- Double pivot design improves flexibility and installation
- One piece construction installs in seconds
- 11 gauge cold rolled steel construction

P206507 - 9" length
J008167 - 13" length

Universal Mounting Bracket

- For 4" (102 mm) and 5" (127 mm) pipes
- 3/8"-16 UNC-2A(4)
- Heavy gauge hot rolled steel construction
- Expands to 10" (254mm)



P207784

Pipe Hangers

- Pre-punched holes (0.41" dia.) for easy installation
- 12 gauge hot rolled steel construction
- 12" overall bar length, width 0.88"
- 3/8"-16 UNC bolts/nuts included

Pipe Hangers

Pipe Dia. in	mm	Part Number
3.00	76	P206523
3.50	89	P206524
4.00	102	P206525
5.00	127	P206526

Universal Pipe Guards & Clamps

- 180º wrap coverage
- 48" (1219mm) length
- Polished stainless steel
- Shipped with protective film on one side
- Clamps must be ordered separately

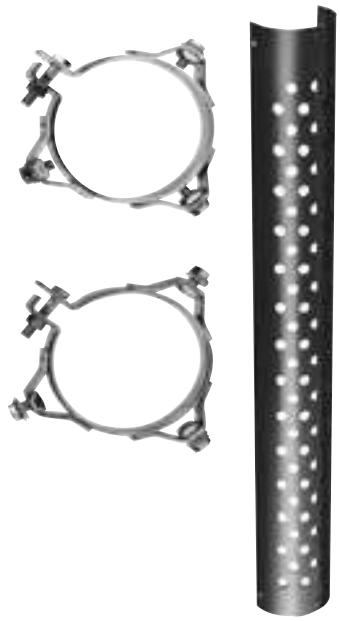
Pipe Guard Clamp Kits

- Two clamps per kit
- Chrome plated
- 12 gauge cold rolled steel construction

Universal Pipe Guards & Clamps

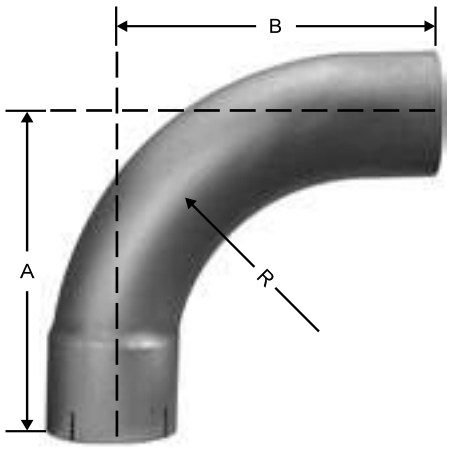
Pipe Dia. in	mm	Stainless[1]	Clamp Kit
4.00	102	P206543	P206508
5.00	127	P206543	P206509
6.00	152	P206543	P224492

1 - Requires clamp kit for installation



90° O.D. - I.D.

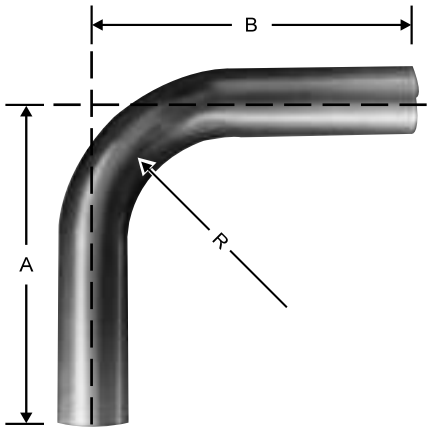
- 16 gauge aluminized or chrome plated steel
- One end O.D., one end I.D. slotted

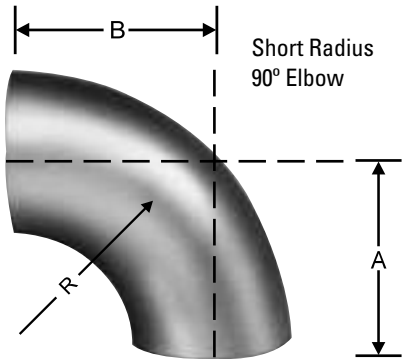


Diameter O.D.-I.D. in	mm	Leg Length (A) in	mm	Leg Length (B) in	mm	Center Line Radius (R) in	mm	Aluminized	Chrome
2.00	51	9.00	229	9.00	229	5.00	127	P207333	
		6.38	162	6.38	162	4.00	102	J008671	
2.50	64	6.25	159	6.25	159	4.00	102	P206339	
		12.00	305	12.00	305	5.00	127	P207335	
2.75	70	6.38	162	6.38	162	5.00	127	P216172	
3.00	76	8.00	203	8.00	203	5.00	127	P206340	
		14.00	356	14.00	356	5.00	127	P206341	
3.50	89	9.00	229	9.00	229	5.00	127	P206342	
		12.00	305	12.00	305	5.00	127	P224669	
		16.00	406	16.00	406	5.00	127	P206343	
4.00	102	8.00	203	8.00	203	4.50	114		P224671
		8.00	203	8.00	203	5.00	127	J008681	
		10.00	254	10.00	254	4.50	114		P207345
		10.00	254	10.00	254	7.00	178	P206344	
		18.00	457	18.00	457	4.50	114		P206353
		18.00	457	18.00	457	7.00	178	P206345	
		25.00	635	32.00	813	7.00	178	P207338	
4.50	114	12.00	305	12.00	305	7.00	178	J190002	
5.00	127	8.50	216	8.50	216	5.50	140	J190003	J190004
		11.00	279	11.00	279	5.50	140	P207339	J009547
		15.00	381	15.00	381	7.50	191		P207346
						10.00	254	P206347	
		18.00	457	18.00	457	7.50	191		P206354
						10.00	254	P206348	
		25.00	635	32.00	813	10.00	254	P207340	
6.00	152	15.00	381	15.00	381	10.00	254	P207341	
		26.00	660	26.00	660	10.00	254	P206350	

90° O.D. - O.D.

- 16 gauge aluminized or chrome plated steel
- Both ends O.D.



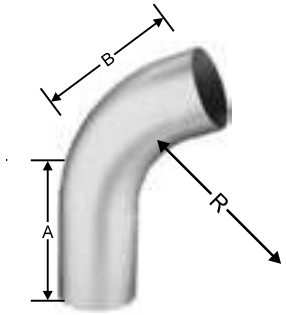


Diameter O.D.-O.D. in	mm	Leg Length (A) in	mm	Leg Length (B) in	mm	Center Line Radius (R) in	mm	Aluminized	Chrome	Stainless
2.00	51	9.00	229	9.00	229	5.00	127	P207322		
2.25	57	10.00	254	10.00	254	4.00	102	P216174		
2.50	64	12.00	305	12.00	305	5.00	127	P207324		
2.75	70	12.00	305	12.00	305	5.00	127	P207325		
3.00	76	3.50	89	3.50	89	3.00	76	P206397		
		6.00	152	6.00	152	4.00	102	P207362		
		10.00	254	10.00	254	5.00	127	P207326		
		14.00	356	14.00	356	5.00	127	J190013		
3.50	89	4.00	102	4.00	102	4.00	102	P206398		P235770[1]
		8.00	203	8.00	203	4.00	102	P207363		
		9.00	229	9.00	229	5.00	127	J190014		
		12.00	305	12.00	305	5.00	127	P207327		
		16.00	406	16.00	406	5.00	127	P207328		
4.00	102	4.50	114	4.50	114	4.00	102	P206399		
		4.50	114	4.50	114	4.50	102			P235771[2]
		8.00	203	8.00	203	4.00	102	P207364		
		9.00	229	15.00	381	4.00	102	P207330		
		12.00	305	12.00	305	4.00	102	P206346		
		18.00	457	18.00	457	4.50	114		J190016	
						7.00	178	P207329		
		25.00	635	25.00	635	5.00	127	J190017		
5.00	127	5.50	140	5.50	140	5.50	140	P206400		P235772[2]
		10.00	254	10.00	254	5.50	140	P207365		
		11.00	279	16.00	406	5.50	140	P207332		
		15.00	381	15.00	381	7.50	191		J190019	
						10.00	254	P207331		
		20.00	508	20.00	508	10.00	254	P206349		
		25.00	635	25.00	635	8.00	203	J190020		
6.00	152	6.50	165	6.50	165	6.00	152	P207361		
		10.00	254	10.00	254	6.00	152	P207366		
		23.00	584	23.00	584	10.00	254	P216175		

1- 409 Stainless Steel
2 - 439 Stainless Steel

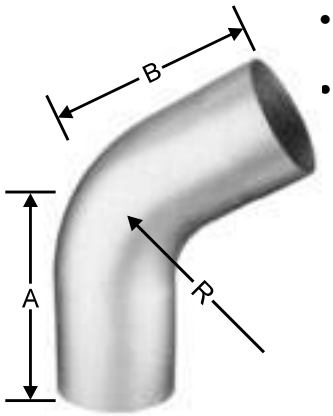
67° O.D. - O.D

- 16 gauge aluminized steel
- Both ends O.D.
- For Peterbilt Truck



Diameter O.D.-O.D. in	mm	Leg Length (A) in	mm	Leg Length (B) in	mm	Center Line Radius (R) in	mm	Part Number
5.00	127	7.50	191	11.00	279	8.00	203	J009560

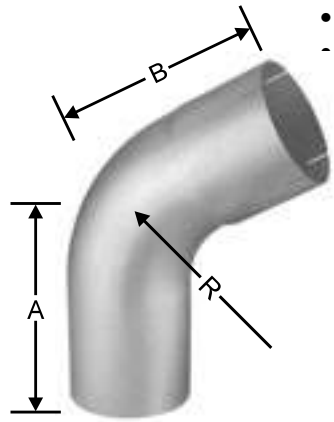
60° O.D. - O.D.



- 16 gauge aluminized steel
- Both ends O.D.

Diameter O.D.-O.D. in	mm	Leg Length (A & B) in	mm	Center Line Radius (R) in	mm	Part Number
4.00	102	8.00	203	5.00	127	J009644
5.00	127	8.00	203	5.50	140	J009645

60° O.D. - I.D.

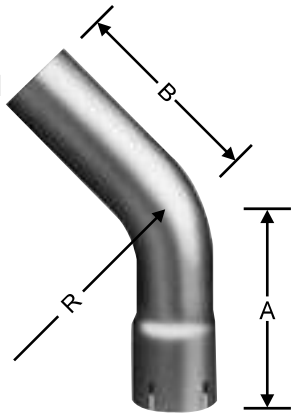


- 16 gauge aluminized steel
- One end O.D., one end I.D. slotted

Diameter O.D.-I.D. in	mm	Leg Length (A & B) in	mm	Center Line Radius (R) in	mm	Part Number
3.50	89	8.00	203	5.00	127	J009639
4.00	102	8.00	203	5.00	127	J009640
5.00	127	8.00	203	5.50	152	J009641

45° O.D. - I.D.

- 16 gauge aluminized or chrome plated steel
- One end O.D., one end I.D. slotted

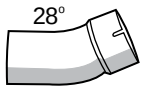


Diameter O.D.-I.D. in	mm	Leg Length (A & B) in	mm	Center Line Radius (R) in	mm	Aluminized	Chrome
2.50	64	6.00	152	4.00	102	P206279	
3.00	76	7.00	178	5.00	127	P206280	
3.50	89	8.00	203	5.00	127	P206281	
4.00	102	8.00	203	4.50	114		P206285
		9.25	235	7.00	178	P206282	
		12.00	305	5.00	127	J190023	
5.00	127	8.00	203	8.00	203	J190025	
		8.00	203	7.50	191		P206286
		12.00	305	8.00	203	P206283	
		15.00	381	5.50	140	J190027	
6.00	152	8.00	203	6.00	152	P207359	

Bent Tubes for Trucks

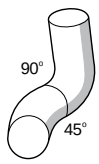
Kenworth Truck Bent Tubes

Kenworth Part No.	Donaldson Part No.	Dia. O.D. in	mm	Application
K180-5419	J018110	5.00	127	28° Elbow
K180-14764L	J038611	5.00	127	Left Hand Elbow
K180-14764R	J038612	5.00	127	Right Hand Elbow

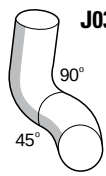


J018110

J038611



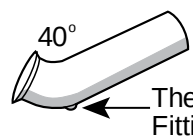
J038612



Mack Truck Bent Tubes

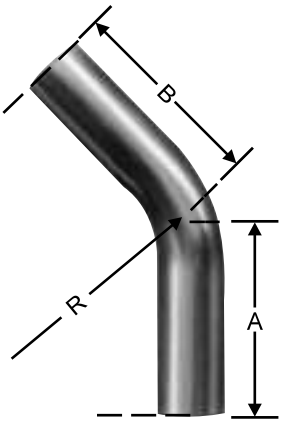
Mack Part No.	Donaldson Part No.	- Dia. O.D. - in	mm	Application
4ME21698	J028528	4.00	102	R & RD Models

J028528



45° O.D. - O.D.

- 16 gauge aluminized or chrome plated steel
- Both ends O.D.

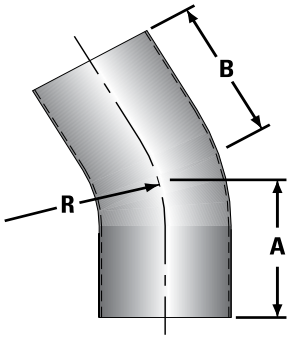


Diameter O.D.-O.D. in	mm	Leg Length (A) in	mm	Leg Length (B) in	mm	Center Line Radius (R) in	mm	Aluminized	Chrome	Stainless
2.00	51	6.00	152	6.00	152	5.00	127	P207347		
2.50	64	6.00	152	6.00	152	5.00	127	P207349		
2.75	70	6.00	152	6.00	152	5.00	127	P207350		
3.00	76	7.00	178	7.00	178	5.00	127	P207351		
3.50	89	8.00	203	8.00	203	4.00	127			P235787[1]
3.50	89	8.00	203	8.00	203	5.00	127	P207352		
4.00	102	8.00	203	8.00	203	4.00	102	P207353		
4.00	102	8.00	203	8.00	203	4.50	102			P235788[2]
5.00	127	8.00	203	8.00	203	5.50	140	P207354	P216169	P235789[2]
6.00	152	8.00	203	8.00	203	6.00	152	P207355		

1- 409 Stainless Steel
2 - 439 Stainless Steel

30° O.D. - O.D.

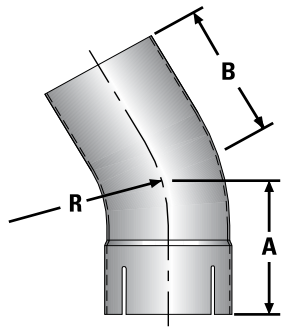
- 16 gauge aluminized steel
- Both ends O.D.



Diameter O.D.-O.D. in	mm	Leg Length (A & B) in	mm	Center Line Radius (R) in	mm	Part Number
3.50	89	4.00	102	5.00	127	J009635
4.00	102	4.00	102	5.00	127	J009636
5.00	127	4.00	102	5.50	140	J009637

30° O.D. - I.D.

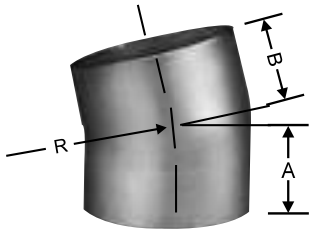
- 16 gauge aluminized steel
- One end O.D., one end I.D. slotted



Diameter O.D.-I.D. in	mm	Leg Length (A & B) in	mm	Center Line Radius (R) in	mm	Part Number
3.50	89	4.00	102	5.00	127	J009631
4.00	102	4.00	102	5.00	127	J009632
5.00	127	4.00	102	5.50	140	J009633

15° O.D. - O.D

- 16 gauge aluminized steel
- For use where clearance is a problem



Diameter O.D.-O.D. in	mm	Leg Length (A & B) in	mm	Center Line Radius (R) in	mm	Part Number
3.00	76	1.75	44	5.00	127	P206393
3.50	89	1.75	44	5.00	127	P206394
4.00	102	2..50	64	4.00	102	P206395
5.00	127	4.00	102	5.50	140	P206396

Straight Tubing - Exhaust & Intake

- 16 gauge, unless footnoted

Exhaust Straight Tubing -10 ft (3m) length

-- O.D. -- in	mm	Aluminized	Stainless Steel
2.00	51	P206331	
2.50	64	P206333	
2.75	70	J000127	
3.00	76	P206334	P224685[2]
3.50	89	P206335	P235790[2]
4.00	102	P206336	P224686[2]
5.00	127	P206337	P224687[1]
6.00	152	P206338	

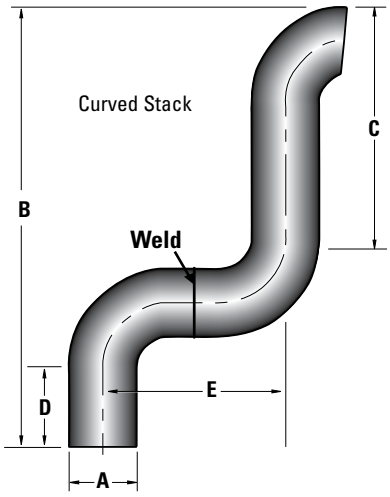
1- 304 Stainless Steel
2 - 409 Stainless Steel

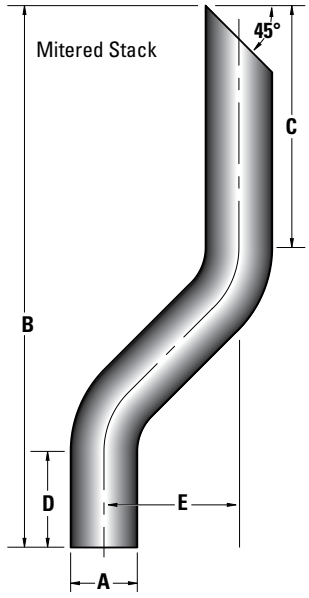
Intake Straight Tubing -10 ft (3m) length

-- O.D. -- in	mm	Aluminum for Intake
3.00	76	P224684
4.00	102	P207367
5.00	127	P206849
5.50	140	P207368
6.00	152	P206850
7.00	178	P206851
8.00	203	P207369

Dump Truck Stack Pipes

- 16 gauge aluminized steel





Dump Truck Stack Pipes

- O.D. Dia. - (A) in	mm	Overall Length (B) in	mm	Leg Length (C) in	mm	Leg Length (D) in	mm	-- Offset -- (E) in	mm	Curved Aluminized	Mitered Chrome
4.00	102	38.00	965	19.50	495	10.50	267	12.10	307	P224581	
		51.00	1295	32.28	820	7.67	195	8.20	208		P224692
5.00	127	38.00	965	18.00	457	9.00	229	12.10	307	P224582	
		51.00	1295	31.70	805	7.11	181	7.04	179		P224693

Super Stack

- Aluminized
- Packing inside stack will reduce exhaust noise by 2 to 3 dBA
- Mounts directly into existing system replacing the conventional stack

Part Number: M001327

O.D. Dia. in	mm	Length in	mm
5.00	127	35.50	902

Straight Stack Pipes

- Keeps exhaust smoke and fumes from damaging cargos or blackening van bodies
- 16 gauge aluminized steel or chrome

O.D. Style - Straight Stacks

O.D. Dia. in	O.D. Dia. mm	-- Length -- in	-- Length -- mm	Aluminized	Chrome
3.00	76	24.00	610	P208328	
		48.00	1219	P206376	
3.50	89	24.00	610	P208336	
		48.00	1219	P206377	
4.00	102	18.00	457		P208385
		24.00	610	J240012	
		48.00	1219	P206378	P206388
		60.00	1524	J640001	P206390
5.00	127	24.00	610	P224589	P224590
		48.00	1219	P206379	P206389
		60.00	1524	P208393	P206391

I.D. Style - Straight Stacks

I.D. Dia. in	I.D. Dia. mm	-- Length -- in	-- Length -- mm	Aluminized	Chrome
3.00	76	24.00	610	P216191	
		36.00	914	P208324	
		48.00	1219	P207285	P207314
3.50	89	18.00	457	P207281	
		24.00	610	J024735	
		36.00	914	P208348	
		48.00	1219	P207286	
4.00	102	18.00	457	P207282	
		24.00	610	J024737	P224627
		36.00	914	P208364	P224628
		48.00	1219	P207287	
		60.00	1524	P207288	P207299
5.00	127	18.00	457	P207283	
		24.00	610	J024739	J240024
		36.00	914	P208380	J340023
		48.00	1219	P207292	
		60.00	1524	P207289	P207300
6.00	152	48.00	1219	P216197	

45° Mitered Chrome Stack Pipes

- Keeps exhaust smoke and fumes from damaging cargos or blackening van bodies
- 16 gauge

O.D. Style - 45° Mitered Stacks

O.D. Dia. in	O.D. Dia. mm	-- Length -- in	-- Length -- mm	Chrome
4.00	102	18.00	457	P224696
		36.00	914	P224698
		48.00	1219	P224701
5.00	127	18.00	457	P224703
		36.00	914	P216227
		48.00	1219	P216228
		60.00	1524	J540008
		72.00	1829	P224609

I.D. Style - 45° Mitered Stacks

- I.D. Dia. - in	- I.D. Dia. - mm	-- Length -- in	-- Length -- mm	Chrome
4.00	102	18.00	457	P224604
		36.00	914	P224699
		48.00	1219	P224605
5.00	127	18.00	457	P224607
		36.00	914	P224614
		48.00	1219	P224616
		60.00	1524	P224608
		72.00	1829	P224706
		84.00	2134	P224611
		96.00	2438	P224707

Curved & Long 90º Stack Pipes

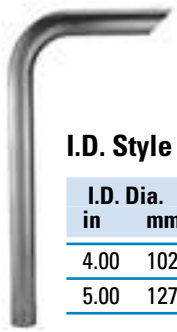
- Keeps exhaust smoke and fumes from damaging cargos or blackening van bodies
- 16 gauge aluminized steel or chrome

O.D. Style - Curved Stacks

O.D. Dia. in	O.D. Dia. mm	Length in	Length mm	Curved Aluminized	Curved Chrome
3.00	76	24.00	610	P208330	J240016
		48.00	1219	P206380	P207312
3.50	89	24.00	610	P208338	
		48.00	1219	P206381	
4.00	102	24.00	610	J024748	J024749
		36.00	914	P208358	P208359
		48.00	1219	P206382	P206386
		60.00	1524	P208388	P208389
		72.00	1829		J640005
		96.00	2438		P209913
5.00	127	24.00	610	J024750	J024751
		36.00	914	P208374	P208375
		48.00	1219	P206383	P206387
		60.00	1524	P208394	P208395
		72.00	1829		P224600
		96.00	2438		P209912

I.D. Style - Curved Stacks

I.D. Dia. in	I.D. Dia. mm	Length in	Length mm	Curved Aluminized	Curved Chrome
3.00	76	36.00	914	P208326	
		48.00	1219	P207293	P207318
3.50	89	24.00	610	P224633	
		36.00	914	P208350	P216200
		48.00	1219		P207319
4.00	102	24.00	610	J024746	J024757
		36.00	914	P208366	J034746
		48.00	1219	P207295	P207320
		60.00	1524	P207290	P207301
		72.00	1829		P216202
		84.00	2134		P224635
		96.00	2438		P224636
5.00	127	24.00	610	J024747	J024758
		36.00	914	P208382	P216204
		48.00	1219	P207296	P207321
		60.00	1524	P224709	P207302
		72.00	1829		P216205
		84.00	2134		P224638
		96.00	2438		P209910
6.00	152	36.00	914	P216206	



I.D. Style - Long 90°

I.D. Dia. in	I.D. Dia. mm	Length in	Length mm	Aluminized	Chrome
4.00	102	60.00	1524	P224710	P224641
5.00	127	60.00	1524	P224711	

Tailpipes - O.D. & I.D Styles

I.D. Style

O.D. Style

Tailpipes O.D. & I.D. Styles

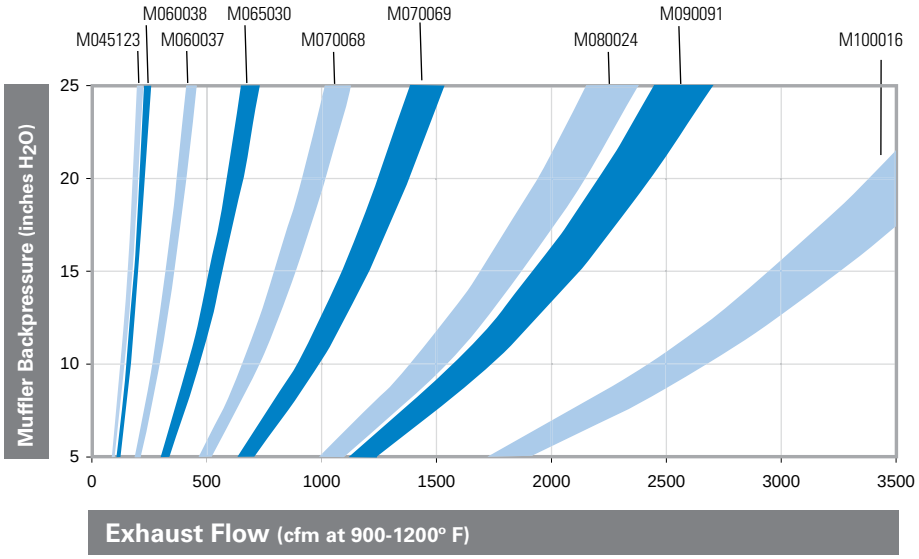
Dia. in	Dia. mm	Length in	Length mm	O.D. Style Aluminized	O.D. Style Chrome	I.D. Style Aluminized	I.D. Style Chrome
2.00	51	9.00	229	P206306		P207415	
2.50	64	12.00	305	P206308		P206301	
2.75	70	12.00	305			P206927	
3.00	76	12.00	305	P206309		P206302	J014621
3.50	89	12.00	305	P206310		P206303	J014622
4.00	102	12.00	305	P206311		P206304	J014623
		18.00	457	P208386	P206384	P207297	P207308
5.00	127	12.00	305			P224617	P224618
		18.00	457	P208392	P206385	P207298	P207309
		20.00	508	P206312		P206305	
6.00	152	20.00	508	P207419		P207559	

Spark Arrestors

- U.S. Forest Service approved (80% efficiency on incendiary sparks)
- Reduces fire hazard
- Centrifugal force separates solids from exhaust gas
- Aluminized steel with stainless steel critical parts
- Can be installed vertically or horizontally (If possible, the clean out should face away from all fuel tanks, the vehicle operator's position and the air cleaner inlet.)

Selecting a Spark Arrestor

Generally, if a spark arrestor will fit on the exhaust pipe of an engine, it will also have acceptable backpressure for that engine. In some cases, a larger size spark arrestor will be required to stay within backpressure limits, and in those cases adapters will have to be used.



Spark Arrestor Service Tip

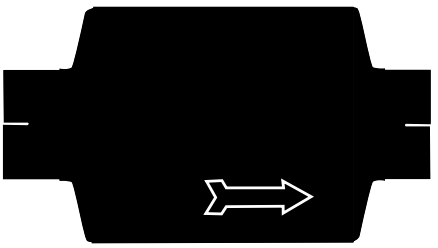
The spark arrestor should be inspected and cleaned out every 1,000 operating hours or three times per season. Visually inspect for holes, cracks and metal corrosion. Check the mounting clamp to make sure the spark arrestor is securely mounted. Replace the spark arrestor if your inspection reveals any of the above unsafe conditions.

Inlet I.D. in	Inlet I.D. mm	Outlet I.D. in	Outlet I.D. mm	Body Dia. in	Body Dia. mm	Body Length in	Body Length mm	Overall Length in	Overall Length mm	Part Number
1.50	38	1.25[1]	32	4.38	111	4.75	121	8.38	213	M045123
		1.50	38	6.00	152	3.75	95	9.36	241	M060038
2.00	51	2.00	51	6.00	152	5.00	127	11.10	283	M060037
2.50	64	2.50	64	6.61	168	6.25	159	13.00	330	M065030
3.00	76	3.00	76	7.00	178	7.56	194	14.63	372	M070068
3.50	89	3.50	89	7.00	178	9.00	229	16.50	419	M070069
4.00	102	4.00	102	8.00	203	10.63	270	18.19	461	M080024
5.00	127	5.00	127	9.00	229	11.75	298	20.75	527	M090091
6.00	152	6.00	152	10.00	254	13.38	340	23.50	597	M100016

1 - 1.25" is an outer diameter, not inner diameter.

Resonators

- Provides an additional 2 to 3 dBA exhaust noise reduction
- Installs in the exhaust system
- Straight-through design does not increase backpressure
- Aluminized steel
- Both ends I.D. slotted
- Common dimensions for both models:
  - Body Dia. 9" (229 mm)
  - Body Length 10" (254 mm)
  - Overall Length 16.5" (419 mm)



5" (125mm) I.D. and O.D. - Part No. M090072
4" (102 mm) I.D. and O.D. - Part No. M090362

Muffler Guards

- Bright stainless shipped with protective film on one side
- Order clamps separately, unless noted otherwise

Style 1

Style 2

Style 3

Muffler Guards

-- Muffler Diameter -- in	mm	Style	-- Length -- in	mm	Wrap	Bright Stainless	409 Stainless
8.50 - 9.00	216-229	2	51.00	1295	180°	P206540	
8.50 -10.00	216-254	1	45.00	1143	270°	X005207[1]	
		2	51.00	1295	180°	J009429	
10.00-10.50	254-267	2	51.00	1295	180°	P206542	
11-00-11.50	279-292	3	34.00	863	180°		P230761
13.00-13.50	330-343	3	34.00	863	180°		P230762

1 - Includes two (2) clamps

Muffler Guard Clamps

- Two clamps required for installation
- Chrome plated (except * are zinc plated)

Muffler Guard Clamps

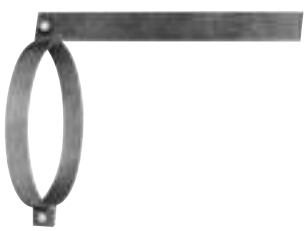
Muffler Dia. in	mm	Part Number
8.50	216	P206510
9.00	229	P206511
10.00	254	P206512
11.00	281	P233422*
13.00	332	P233421*

Muffler Hangers

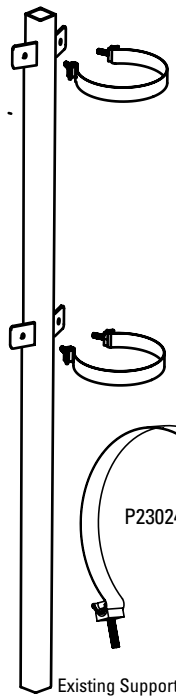
- For vertical and horizontal installations
- 11 gauge steel construction
- 12" overall bar length
- 3/8"-16 UNC bolts/nuts included

Muffler Hangers

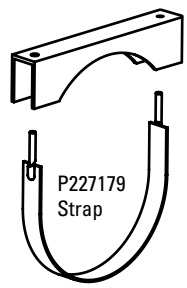
-- Muffler Dia. -- in	mm	Part Number
6.00	152	P206515
7.00	178	P206516
8.50	216	P206517
9.00	229	P206518
10.00	254	P206519
8.25x11.50	210x292	P206520
10.00x15.00	254x381	P206521
11.00	279	P224841

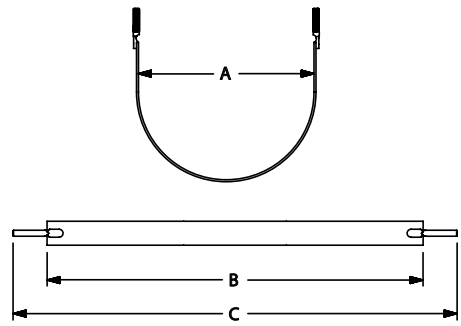


Heavy Duty Muffler Mounting Straps



Existing Bracket





- Works with RE Bluebird buses with Cummins or Cat Engines

---- A ---- in	mm	---- B ---- in	mm	---- C ---- in	mm	Part Number
11.00	279	23.50	597	27.75	705	P227179

- Works with vertical mount Mack trucks when converting to a 10" diameter muffler.

---- A ---- in	mm	---- B ---- in	mm	---- C ---- in	mm	Part Number
10.00	256	20.00	508	23.50	597	P230241

Donaldson FILTRATION SOLUTIONS

OVERVIEW

Features and Benefits of Donaldson Mufflers

Low Backpressure
Better fuel economy and efficient engine performance

Aluminized Steel
Delivers long service life and is corrosion resistant

Lightweight Construction
Minimizes stress and vibration on mounting system

High Temperature Paint
Available on select product. Paint adds corrosion resistance and enhanced finish

Donaldson Mufflers

Donaldson exhaust systems are original equipment on most pre-2007 medium- and heavy-duty trucks manufactured in North America. Donaldson engineers work with many OE truck and off-road equipment manufacturers to design and build quality exhaust systems based on the specific performance.

Truck Mufflers for Every Budget

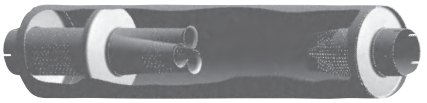
BEST (Part No. M101158 & M101181)

- 1 million mile warranty on M101158 – stainless steel Silent Partner™
- 500,000 mile warranty on M101181 – aluminized steel Silent Partner
- Superior acoustic performance – specifically addresses engine brake noise by silencing engine brake "bark"

BETTER (Part No. M100580)

- M100580 Donaldson muffler
- Meets all OEM back pressure, strength and life requirements
- Exhaust noise level is 4.5 - 7.5 dB(A) quieter than M100465 muffler

GOOD (Part No. M100465)



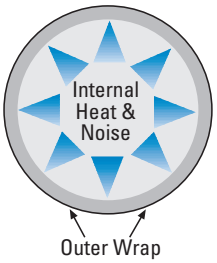
- The M100465 is the most common, most popular service muffler in the industry
- Low back pressure provides good fuel economy and efficient engine performance

What external characteristics differentiate mufflers?

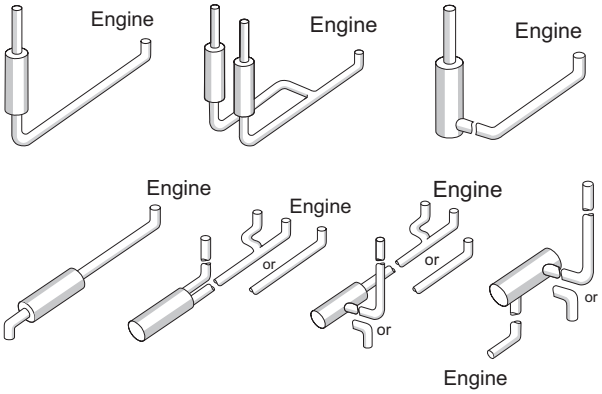
- Shape of muffler (generally round or oval)
- Style (inlet/outlet configurations on the muffler)
- Materials

What internal characteristics differentiate mufflers?

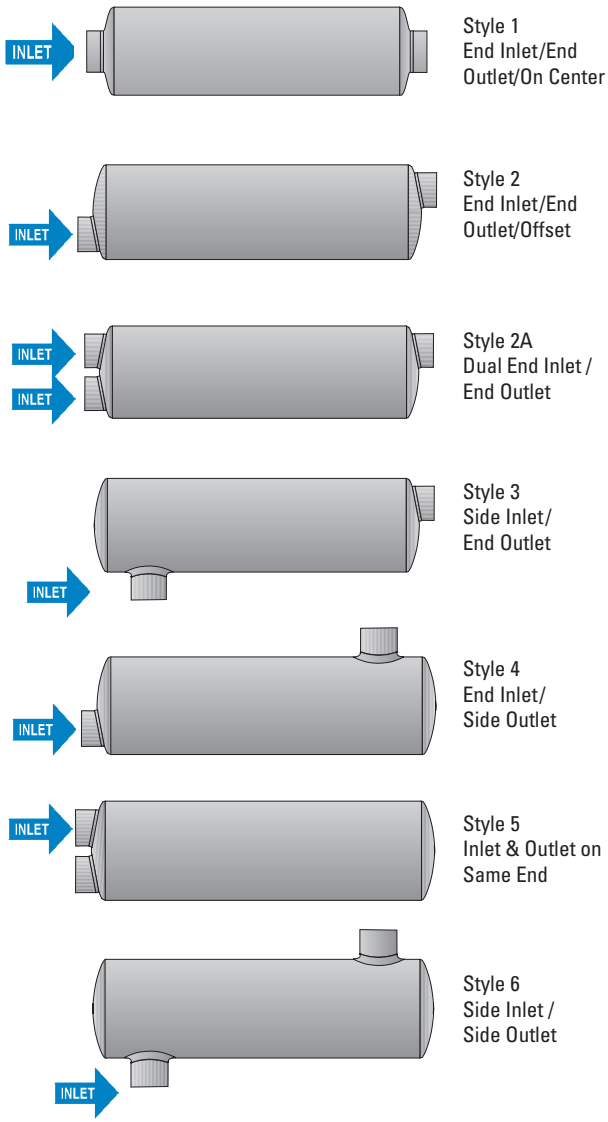
- Wrapped (with insulation) or unwrapped
- Insulation sandwiched between an inner and an outer body
  - Reduces noise/high frequency
  - Lowers outer shell temperature
  - Reduces radiated heat
- Quantity, size, and position of internal baffles and tubes



Exhaust System Configurations



Muffler Styles



Exhaust Product Materials

A number of different materials are found in exhaust systems. Often different options are available for use in a single application. Since materials vary in strength, corrosion resistance, and price, a particular material may be preferred in individual applications and components. Some of the most common materials, their qualities, and their typical uses are listed in the following table.

Materials*	Used in	Qualities
Aluminized Mild Steel	Mufflers	Good Corrosion Resistance
	Exhaust Components	
Stainless Steel (with and without aluminized coating)	Flexible Tubing	Stronger Excellent Corrosion Resistance
	Mufflers	
	Exhaust components	
	Emissions Products	
Chrome	Accessories	Bright Mirror Finish
Galvanized	Flexible Tubing	Low Material Cost Temperature Limit 600°F
Cold Rolled	Accessories	Poor Corrosion Resistance Low Cost

* See pg 163 for more further descriptions of materials used by Donaldson in exhaust system products.

Expanded Catalog Content & Where to Buy

New & Expanded Catalog Content

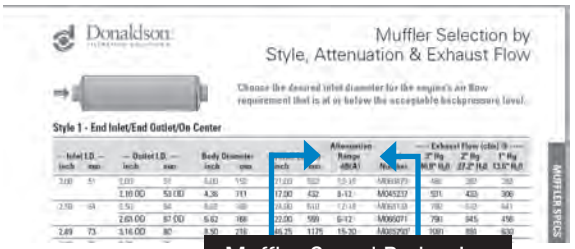
This edition of the Donaldson exhaust catalog includes the following additional information:

New Heavy-Duty Accessories

Newer and/or retrofit emissions systems weigh considerably more than the traditional OE exhaust system and require new mounting hardware to accommodate the extra weight. Our more popular heavy-duty brackets and clamps have been added.

Muffler Dimensions & Specs

The estimated sound reduction (attenuation range in dbA) for all Donaldson mufflers has been added to the muffler selection tables starting page 55. We have also expanded the dimensional section by muffler style to include all muffler dimensions and muffler illustrations.



Muffler Sound Reduction

Cross Reference

Compared to our previous publication, this section include hundreds of new cross references. We do encourage you to use the Donaldson on-line cross reference for the latest information.

Shoptalk Section

Shoptalk is all about sharing helpful information to become more informed about Donaldson exhaust products and systems. This section includes installation tips for and fact sheets for many exhaust/emissions products and technologies.

Confused About Which Exhaust Clamp To Select or What Clamp Should be Used?

Depending on your exhaust joint and what you're connecting to, it's not always so easy to determine which one of our exhaust clamps is best for your needs.

Take a look at this new information on page 12 of our accessories section the next time you need a replacement clamp.

Where To Buy Donaldson Products?

Donaldson products are available through a variety of distribution outlets: OE dealers, independent warehouse distributors and exhaust-only distributors. Each of these distribution channels have their unique methods of servicing your needs to meet your business requirements.

To find the closest outlet in your region, visit www.donaldson-filters.com. Look in the Where to Buy section of our web site.

From Silencing to Emissions Reduction

1950s

When exhaust was about silencing -- we led the way! Frank Donaldson sold enough mufflers in 1951 to open our first exhaust manufacturing facility in Grinnell, Iowa in 1952.

1960s

In the 1960s, sound meters were used to measure noise levels (see image on right). Donaldson is one of the first manufacturers to introduce the use of aluminized steel in exhaust systems.

1970s

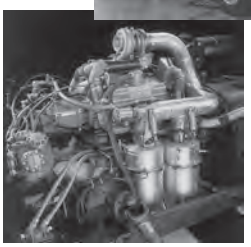
Donaldson introduces mufflers with integrated ejectors and wrapped mufflers. Wrapped mufflers reduced the overall exhaust system noise and the exterior body temperature. Donaldson SealClamp™ band-style exhaust clamp launched into the marketplace. Donaldson expands to Japan. In 1973, U.S. noise regulations went into effect for on-road vehicles – Donaldson offers a muffler line that was effective at noise reduction without loss of horsepower.

1980s

In 1981, Donaldson opens a new technical center. The center included two anechoic chambers which expanded our technical capabilities. Mufflers meet 1988 U.S. EPA truck noise regulations (sonic chokes and floating baffles).

1990s

When engine manufacturers needed help to meet the first U.S. Emissions regulations, innovations continued. In the early 1990s, we pioneered the design of integrated catalytic converter mufflers and diesel particulate solutions for three major U.S. engine and truck manufacturers. In the late 1990s, Silent Partner™ was the first muffler that effectively reduced engine brake noise without loss of power or fuel economy. During this decade, Donaldson expands exhaust manufacturing in Europe (France); Mexico (Guadalajara); and the United States (Alabama).



Since the early 1990s, Donaldson has sold more than a million DOC Mufflers.

2000s

2001 Donaldson forms a group dedicated to emissions reduction efforts for diesel engines; begins retrofit projects; Spiracle™ crankcase filtration introduced to eliminate emissions from open crankcase vents. Mass production of CCMs for on-road OEs begins.

2002 First of many CARB and EPA verifications for Donaldson retrofit emissions solutions; first company to verify tailpipe and crankcase solution (patented).

2003 Donaldson expands exhaust manufacturing in Aguascalientes, Mexico.

2004 Donaldson upgrades and expands heavy-duty engine test cell capabilities; U.S. MSHA accepts Donaldson high temp exhaust filter. New web-based Emissions Resource Center (www.donaldson.com/en/erc) established.

2005 DPF Cleaning System and DMF Muffler launched for emissions retrofit market. Donaldson introduces an active, smart DPF emissions solution for the most difficult duty cycles; low temperature, transient and extended idling.

2006 Donaldson expands European emissions staff and Mexico exhaust manufacturing to Monterrey; Donaldson improves Stepped SealClamp™.

2007 Donaldson expands OE emissions support with production of active and passive exhaust aftertreatment systems to meet U.S. EPA 2007 on-road emissions regulations.

2009 Donaldson produces urea and non-urea based NOx reduction systems for OE 2010 and retrofit for in-use vehicles.

Acronym Reference: See Shoptalk Section

Diesel Retrofit Emissions Solutions

www.donaldson.com/emissions

OVERVIEW

Governmental regulations across the globe are being implemented that reduce diesel emissions. These regulations affect both OE manufacturers and end users. Donaldson works with both OE manufacturers and fleets to design innovative, customized solutions. (See Shoptalk section for Diesel PM limits and global emissions regulations.)

In order to meet retrofit emissions regulations, diesel-powered vehicle owners around the world will be faced with major business decisions to become compliant with current regulations; choices include retrofit, refuel, rebuild, repower or replace.

For older vehicles that have five or more years of useful life available, fleet owners are electing to retrofit their vehicles to extend the life of their current equipment.

Donaldson takes a "total system approach" to retrofit – delivering patented solutions that reduce not just what comes out of your tailpipe, we also offer a solution that eliminates emissions generated from the engine crankcase (Spiracle™ crankcase filtration technology).

Donaldson has California ARB and U.S. EPA-verified solutions, an installation service network, and local Donaldson representatives that are ready to help you select the best solution for your fleet.

Do you have questions about meeting retrofit emissions regulations?

We have a specialized team of emissions experts that can help determine your emission reduction targets and then specify the right Donaldson solution, keeping in mind regulations, budgets and fleet size.

Emission Retrofit Sales Group
Email: emissionssales@donaldson.com
Phone: 866-675-2847
Web site: www.donaldson.com/emissions

Choices for Diesel Retrofit

Retrofit – new emission control devices on existing engines (filters, catalysts)

Refuel – cleaner diesel fuel (ULSD), emulsions or additives

Rebuild – repair/upgrade key components or engine reprogramming

Repower – put new or newer engine in existing equipment or chassis

Replace – vehicle/equipment condition less than the value of new engine

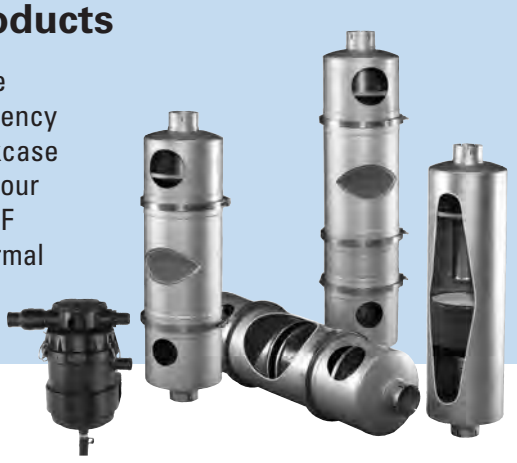
Internet Resource:

Emissions Resource Center

www.donaldson.com/en/erc

Emissions Retrofit Products

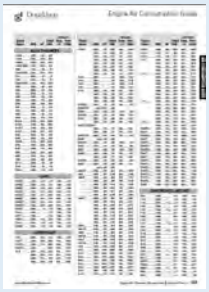
Retrofit solutions include cost-effective and high efficiency tailpipe and Spiracle™ crankcase filtration technologies plus our DPF cleaning system (DPF pulse cleaner and DPF Thermal Regenerator).



The calculations on the right are provided as a reference and may be helpful as you validate and select Donaldson mufflers and components.

For the most accurate engine airflow and exhaust flow rates, Donaldson recommends using the information supplied by your engine manufacturer.

Looking for Engine Exhaust Flow Guide?



See Exhaust Flow Reference Section of this catalog.

Airflow guide should only be used as a reference document/ For proper muffler application, look to your engine supplier for the most accurate and current information.

Engine Exhaust Flow Rate Calculation

Exhaust flow rate may be calculated using the following formula. Exhaust temperature and intake airflow rate must be determined to calculate the exhaust flow rate. Exhaust temperature and manufacturers maximum backpressure may be approximated using the chart on the right.

$$\left(\frac{\text{Exhaust Temp. (°F)} + 460}{540}\right) \times \text{Intake Airflow (CFM)} = \text{Exhaust Flow}$$

Engine Type	Engine Temperature	Maximum Backpressure
Diesel 2-Cycle Naturally Aspirated	= 900° F	4" Hg
Diesel 2-Cycle Turbo	= 750° F	3" Hg
Diesel 4-Cycle Naturally Aspirated	= 1000° F	3" Hg
Diesel 4-Cycle Turbo	= 900° F	3" Hg
Gasoline (all types)	= 1200° F	>4" Hg

Note: If you are spec'ing a dual muffler system, remember to divide engine's exhaust flow (CFM) by two

Engine Airflow Calculation

CFM intake rate is available from the engine manufacturer. If CFM specifications are not available, use the volumetric efficiency calculation. A simple calculation for cfm is to multiple the horsepower of your engine by 2.5.

4-Cycle Engine Airflow Calculation

$$\left(\frac{\text{Engine Size (CID)} \times \text{RPM}}{3456}\right) \times \text{Volumetric Efficiency} = \text{Intake Airflow (CFM)}$$

2-Cycle Engine Airflow Calculation

$$\left(\frac{\text{Engine Size (CID)} \times \text{RPM}}{1728}\right) \times \text{Volumetric Efficiency} = \text{Intake Airflow (CFM)}$$

Volumetric Efficiency

Engine volumetric efficiency ratings are best obtained from your engine manufacturer. Engines operating with electronic controls could have volumetric efficiency ratings of more than 2.0. Airflow on these engines should be verified by the engine manufacturer.

4 Cycle GAS Engine	Naturally Aspirated	=	.70 - .80
2 and 4 Cycle DIESEL Engine	Naturally Aspirated	=	.90
	Turbo*	=	1.50 - 3.00*

* If VE rating is not available, Donaldson recommends using the highest value to insure proper airflow.

The information below is the exhaust portion of our Engine Aftermarket Filtration & Exhaust Warranty Document: F110064 (February 2006)

Donaldson warrants its Aftermarket products against failure due to defects in materials and workmanship for the period specified under Terms and Conditions for the particular product. Donaldson's obligation under this warranty covers replacing the failed product, including transportation charges, only. If the Donaldson product failure is the sole and direct cause of damage to the equipment on which the product was properly installed, Donaldson will reimburse reasonable costs to restore the equipment to the condition it was in immediately before the failure. This warranty does not cover failure due to misapplication, misuse, abuse, neglect, rust through and corrosion (mufflers), improper service practices or non-Donaldson approved modifications. Engine and equipment manufacturers warranties remain in effect when Donaldson products are used.

Donaldson must be notified in writing of any claims covered by this warranty within one year of the date of failure. Donaldson, at its discretion, will either physically visit the site where the alleged failure has been found; or, request that all parts, Donaldson and other relevant parts, be shipped prepaid to its General Office, in care of the Product Lab or as otherwise specified.

Terms & Conditions

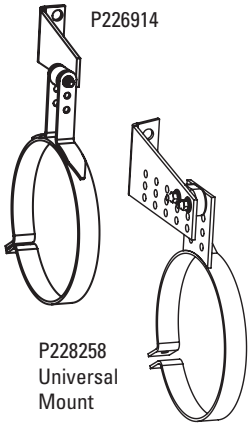
Warranty coverage begins on the date and mileage the product is purchased by the user and expires when the specified number of years or miles has passed, whichever occurs first.

The length of warranty for replacement products provided under warranty coverage is the balance of the warranty period remaining on the product being replaced.

Warranty Length by Product

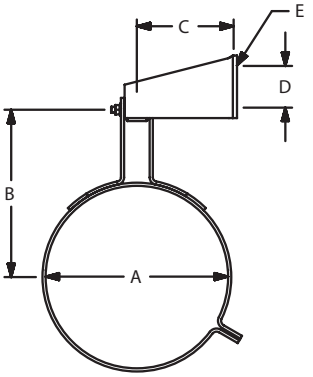
Exhaust Products	Warranty from Date of Delivery to User
Diesel Mufflers	
Vertical Installation	4 Years or 500,000 miles (800,000 km)
Horizontal Installation	3 Years or 500,000 miles (800,000 km)
Gas Mufflers	1 Year
Silent Partner™, Exhaust Silencer	
Stainless Steel	8 Years or 1,000,000 miles (1,600,000 km)
Aluminized Steel	4 Years or 500,000 miles (800,000 km)
Exhaust Accessories	1 Year
Chrome Parts	1 Year or 100,000 miles (160,000 km) (peeling & blistering only)
Flex Pipe	90 Days
Long-Life Flex Pipe	1 Year or120,000 mile (200,000 km) (on-highway vehicles only)

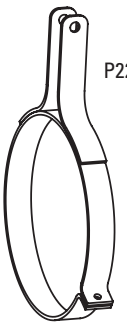
Horizontal Hangers for Round Mufflers



---- A ----. in	mm	---- B ---- in	mm	---- C ---- in	mm	---- D ---- in	mm	---- E ---- in	mm	Part Number
10.00	256	9.31	236	5.75	146	1.75	44	.38	10	P227728
11.00	279	10.16	258	6.00	152	2.50	66	.75	19	P226914 (4)
11.00	279	10.03	255	6.50	165	2.00	51	.56	14	P227167 (5)
11.00	279	10.03	255	6.50	165	2.00	51	.56	14	P227175 (6)
11.00	279	6.50-10.5	165-268	5.5-9.0	140-229	1.00/2.50	25/66	.50/.75	13/19	P228258 (7)
13.00	330	6.50-10.5	165-268	5.5-9.0	140-229	1.00/2.50	25/66	.50/.75	13/19	P230046 (7)

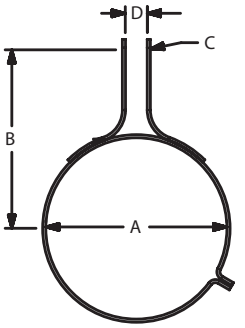
4. Works with International School bus when converting to round muffler
5. Works with conventional Thomas/Freightliner buses with Cat or Cummins engines
6. Works with conventional Thomas/Freightliner buses with Mercedes Benz engine up to 2003
7. Universal mount

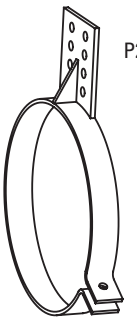




---- A ---- in	mm	---- B ---- in	mm	---- C ---- in	mm	---- D ---- in	mm	Part Number
10.00	256	10.78	274	.56	14	1.31	33	P230284
11.00	279	10.78	274	.56	14	1.31	33	P227170 (8)

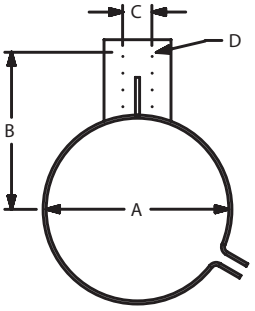
8.. Works with 2004 Thomas Conventional with Mercedes Benz Engine



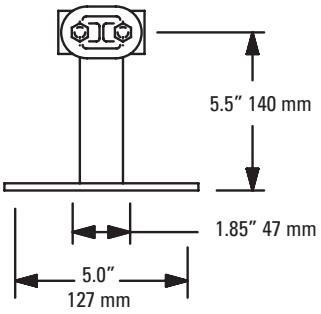


- Universal application

---- A ---- in	mm	---- B ---- in	mm	---- C ---- in	mm	---- D ---- in	mm	Part Number
11.00	279	6.25 / 9.25		1.75	44	.50	13	P227215
13.00	330	7.25 / 10.25		1.75	44	.50	13	P230047

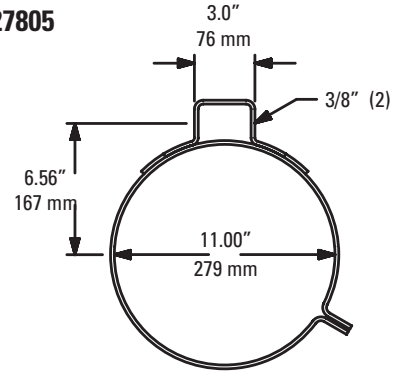


Part No. P227178

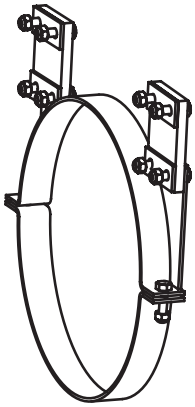


- Works great with u-bolt and w-foot body bands, and P228260 or P227839 hangers
- Black paint finish
- Used on Bluebird FE/FC Bus

Part No. P227805

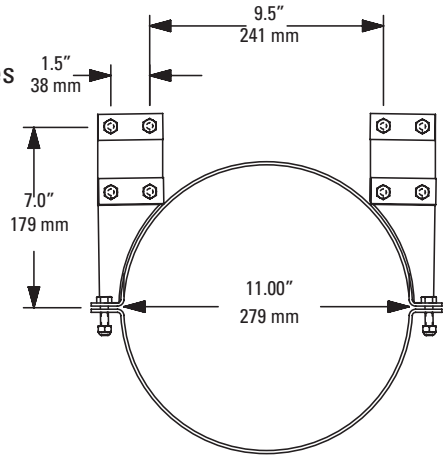


School Bus Hangers

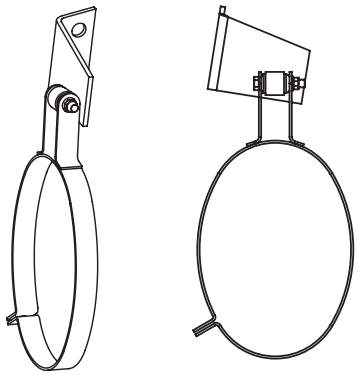


Part No. P227182

- Used for rear engine Thomas buses
- Horizontal mount
- All bolts shown are included



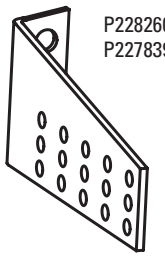
Horizontal Hanger for Oval Mufflers



Part No. P229114

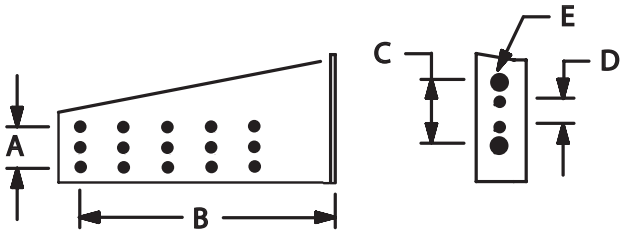
- Unique for Front Engine International School Bus with Oval DOC muffler
- Direct replacement to OE hanger
- Works with oval muffler diameter of 8.25" x 11.5"

Universal Horizontal Hangers



P228260 &
P227839

- Schools buses retrofits
- Corner mount with two bolts



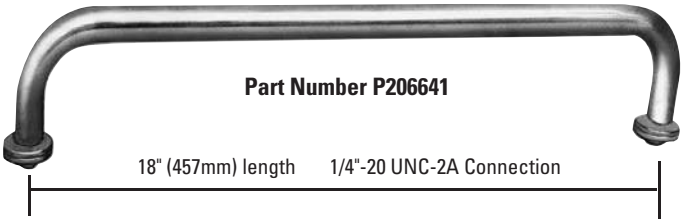
---- A ----.		---- B ----		---- C ----		---- D ----		---- E ----		Part Number
in	mm	in	mm	in	mm	in	mm	in	mm	
1.30	33	5.31/9.94	135/252	2.50	64	1.26	32	.50	.13	P227839 [3]
1.62	41	2.94/9.94	75/252	2.50	64	1.00	25	50/.75	13/19	P228260

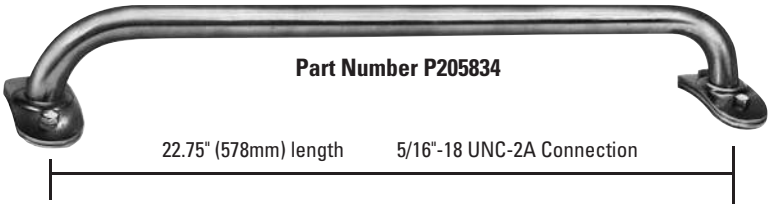
3. Bracket holes are .62" x .35" slots

Grab Handles, Manifold Tube/ Flange & Threaded Adapters

Grab Handles

- For use with muffler and pipe guards
- Chrome plated





Manifold Tube

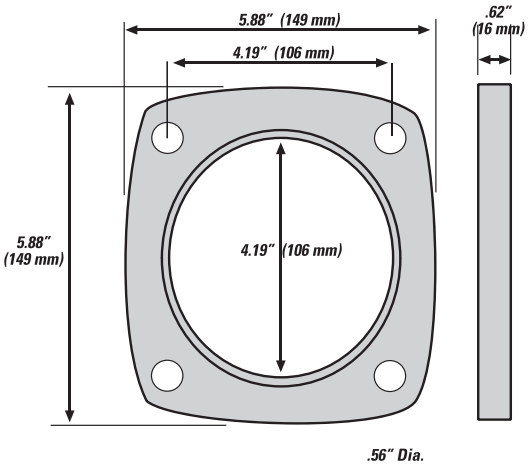
- For manifold connections
- Size: 4" (102 mm) O.D.
- Basic application: Cummins NH series engines
- 16 gauge cold rolled steel

Manifold Tube Part Number P206617

Manifold Flange

- 16 gauge cold rolled steel

Manifold Flange Part Number P206616



Threaded Adapter

6" (154mm) height

--- O.D. --- inch	mm	Thread (NPT) inch	mm	Part Number
3.00	76	3.00	76	J009514
3.50	89	3.50	89	J009516
4.00	102	4.00	102	J009518

NPT - National Pipe Thread

Exhaust Ejectors

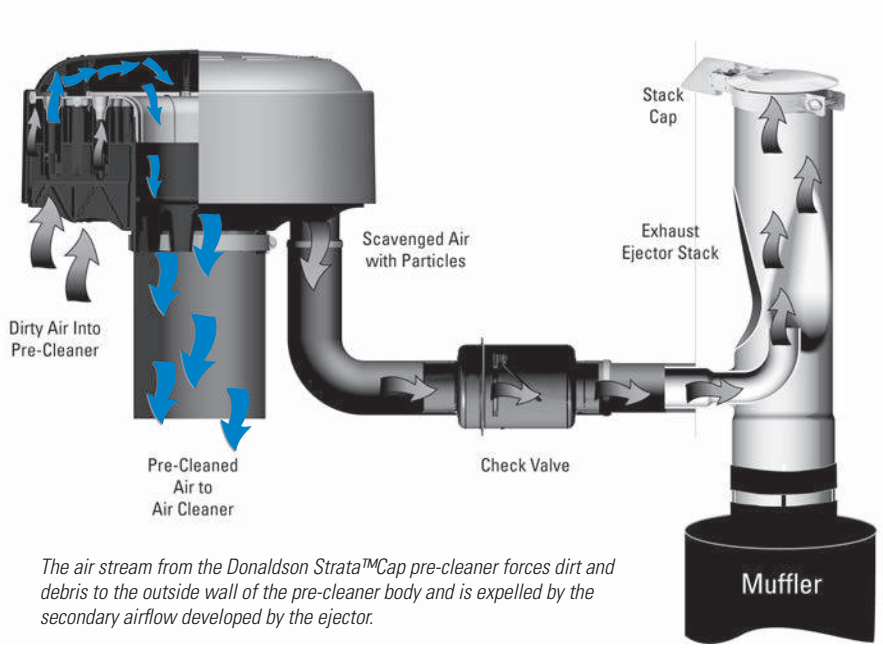
Components For Scavenged Air Systems - Exhaust Ejectors & Check Valves

A Donaldson exhaust ejectors and check valves are a key components to create a scavenged or aspirated air system. The ejector is used with Donaldson Donaspin™ or Strata™ Cap pre-cleaners, Strata™ systems, or PowerCore® PSD air cleaners.

A scavenged air system is typically used in off-highway equipment to extend air filter life. The exhaust ejector mounts as a stack at the end of exhaust system. It is recommended that the stack be covered with a curved exhaust stack or rain cap.

The redesigned ejector line offers a shorter length tube than our original standard and expanded ID offerings. With less space to work with, the new offering may work in applications where the previous models did not fit.

------- Basic Scavenged Air System -------



The air stream from the Donaldson Strata™Cap pre-cleaner forces dirt and debris to the outside wall of the pre-cleaner body and is expelled by the secondary airflow developed by the ejector.

Exhaust Ejectors

- Can be used with any pre-cleaner that has scavenge tube connection.
- Adds only 4" (102 mm) to 8" (203 mm) H_20 (.3" to .6" Hg.) to exhaust backpressure
- Models all fit up to a muffler outlet tube outer diameter
- All models have a nominal OD outlet end for proper fit of stack caps and other accessories
- For proper structural support, muffler outlet tube length and stack engagement must be a minimum length of 1.5-2.0" / 38-51 mm
- Finish on all models is high temperature, black, semi-gloss finish

Compact Style

Part Number	Engine Intake CFM	-- Inlet I.D. -- inch	mm	Scavenge Tube O.D. inch	mm	Ejector --- Length --- inch	mm	Exhaust Flow Rate (CFM) Min.[1]	Max.[2]
H001278[5]	165-215	2.77	70	1.25	32	9.75	248	415	545
H001279[5]	300-390	3.02	77	1.25	32	10.80	274	760	990
H001284[5]	450-590	4.02	102	1.25	32	14.38	365	1140	1500

1 - Minimum exhaust flow based on 20" of water dead head vacuum
2 - Maximum exhaust flow based on 40" of water dead head vacuum
3 - Use 3-ply Silicone Scavenge Hose (1.50" I.D., 3 ft. length) P171378 and Lined Hose Clamp P115200
4 - Use 3-ply Silicone Scavenge Hose (2.00" I.D., 3 ft. length) P171381 and Lined Hose Clamp P115200
5 - Use 3-ply Silicone Scavenge Hose (1.25" I.D., 3 ft. length) P171376 and Lined Hose Clamp P532924

Exhaust Gas Temperature of 900° F assumed

ACCESSORIES

Exhaust Ejectors & Check Valves

Exhaust Ejectors for Scavenged or Aspirated Air System

All exhaust ejectors are constructed heavy-gauge, aluminized steel, and painted with a high-temperature black paint. Select the appropriate ejector by the intake airflow or exhaust flow (CFM) of your engine.

NEW

Engine Intake CFM		Exhaust CFM @ 900° F		Standard Ejectors Inlet Dia.*		Part	Expanded I.D. Ejectors Inlet Dia.*		Part	Length		Scavenge Tube O.D.	
Low	High	Low	High	inches	mm	Number	inches	mm	Number	inches	mm	inches	mm
220	365	554	919	3.02	77.0	H002612	3.16	80.3	H002762	12.00	304.8	1.25	32
315	450	793	1133	4.02	102.0	H002613	4.17	105.9	H002763	18.00	457.2	1.25	32
425	600	1070	1511	4.02	102.0	H002614	4.17	105.9	H002764	18.00	457.2	1.50	38
500	740	1259	1864	5.03	127.8	H002615	5.17	131.0	H002765	22.00	558.8	1.50	38
660	950	1662	2393	5.03	127.8	H002616	5.17	131.0	H002766	22.00	558.8	1.75	44
800	1150	2015	2896	6.04	153.4	H002617	6.19	157.0	H002767	24.00	609.6	2.00	51
950	1350	2393	3400	6.04	153.4	H002618	6.19	157.0	H002768	24.00	609.6	2.00	51
1100	1500	2770	3778	6.04	153.4	H002619	6.19	157.0	H002769	24.00	609.6	2.00	51

** This dimension only applies to 2.5" /64mm of length – not the full length of the ejector.*

3 ft. / .91 m Silicone Scavenge Hose & Lined Hose Clamp for:

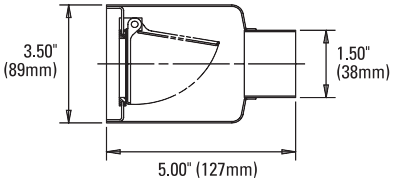
1.25" / 32 mm Scavenge Tube: Hose: P171376 and Lined Hose Clamp P532924
1.50" / 38 mm Scavenge Tube: Hose: P171378 and Lined Hose Clamp P115200
2.00" / 51 mm Scavenge Tube: Hose: P171381 and Lined Hose Clamp P115200

Ejector Check Valve Prevents Exhaust Backflow

The exhaust ejector check valve prevents backflow of damaging exhaust gases by way of an internal hinge flap. Add an ejector check valve when configuring the intake system to expel filtered contaminant through the exhaust system.

- Mounts horizontally (see installation diagrams)
- Durable, non-corrosive metal construction
- No servicing required

H001023



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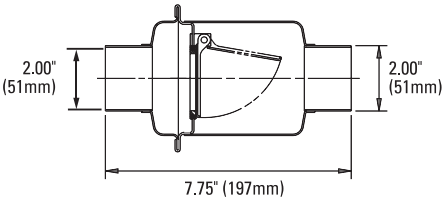
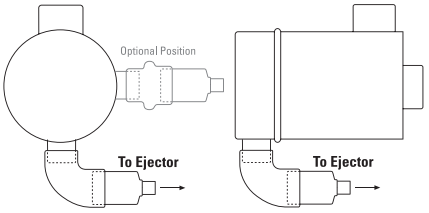


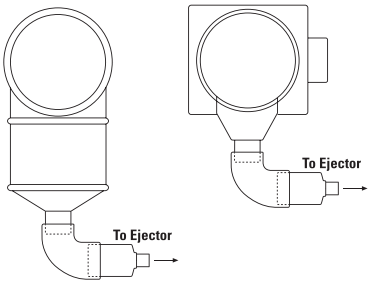
Check Valve Installation

The illustrations are side views of two-stage air cleaners, showing the position of the check valve. A 3" (76mm) inner diameter rubber reducing elbow or hump reducer is required for installation. See pages 94-96 for options.

Installation on F Series Cyclopac™



Installation on S Series Donaclone™



These flexible rubber adapters and elbows have smooth radii and inside surfaces to minimize flow resistance within the air intake system.

These rubber products are heavy-duty!

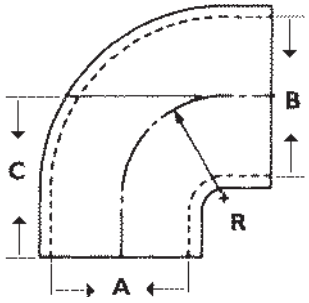
Larger elbows (5"/125mm) are ribbed or compounded for added strength and durability. All Donaldson rubber products meet ASTM standards.

- Resist tears, punctures and vacuum collapse
- Absorb vibration
- Reduce intake noise levels under severe conditions
- Material: EPDM rubber construction
- Temperature range: -40°F (-40°C) to +212°F (+100°C)
- Application tip: A minimum 1½" of metal piping should be inserted into the rubber fitting

90° Rubber Elbows & Reducing Elbows

90° Elbows

Inner Dia. (A) in	mm	Center Height (B) in	mm	Radius (R) in	mm	Part Number
2.00	51	3.50	76	2.00	51	P105529
2.25	57	3.75	95	2.25	57	P105530
2.50	64	4.00	102	2.50	64	P105531
3.00	76	5.25	133	3.75	95	P105532
3.50	89	5.50	140	4.00	102	P114318
4.00	102	5.75	146	4.50	114	P105533
4.50	114	5.50	140	3.50	89	P113733
5.00	127	6.12	155	4.50	114	P107844
5.50	140	6.50	171	4.63	118	P105534
6.00	152	7.00	179	5.00	127	P105535
7.00	179	7.56	192	5.56	141	P105536
8.00	203	8.50	216	6.50	165	P112605
10.00	254	10.50	267	8.50	216	P114314



90° Elbow Reducers

Inner Dia. (A) in	mm	Inner Dia. (B) in	mm	Center Height (C) in	mm	Radius (R) in	mm	Part Number
3.00	76	3.50	89	3.50	89	2.25	57	P123462
		4.00	102	4.50	114	3.00	76	P536163
4.00	102	5.00	127	6.00	152	3.75	95	P121482
5.00	127	6.00	152	4.74	120	3.50	89	P537468
		6.00	152	6.00	152	4.25	108	P143895
		7.00	179	6.25	159	4.25	108	P159820
5.50	140	6.00	152	6.75	171	5.00	127	P117724
		7.00	179	6.25	159	4.38	111	P128990

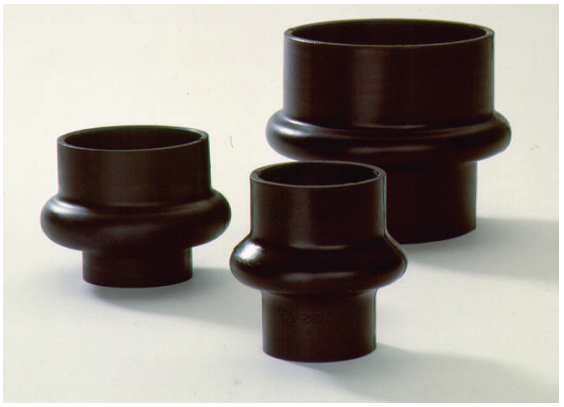
45° Rubber Elbows, Reducing Elbows and Hump Reducers

45° Elbow Reducers

Inner Dia. (A) in	mm	Inner Dia. (B) in	mm	Center Height (C) in	mm	Radius (R) in	mm	Part Number
5.50	140	6.00	152	6.44	164	4.88	124	P133338
6.00	152	7.00	179	7.38	187	5.31	135	P133339

45° Elbows

Inner Dia. (A) in	mm	Radius (R) in	mm	Part Number
2.00	51	2.00	51	P105541
2.25	57	2.25	57	P105542
2.50	64	2.50	64	P105543
3.00	46	3.75	95	P105544
3.50	89	3.50	89	P109331
4.00	102	4.25	108	P105545
4.50	114	3.50	89	P114316
5.00	127	4.50	114	P109021
5.50	140	4.75	121	P105546
6.00	152	5.00	127	P105547
7.00	178	5.56	141	P105548
8.00	203	6.50	165	P112606
10.00	254	8.50	216	P114313



Rubber Hump Reducers

Inner Dia. (A) in	mm	Inner Dia. (B) in	mm	Length (C) in	mm	Part Number
3.00	76	2.50	64	4.50	114	P102820
		2.75	70	3.50	89	P520883
3.50	87	3.00	76	5.00	127	P101290
		2.75	70	4.00	102	P520882
4.00	102	2.75	70	4.00	102	P520884
		3.00	76	5.25	133	P101291
		3.50	87	5.25	133	P101292
4.50	114	4.00	102	6.00	152	P540256
5.00	127	4.00	102	6.00	152	P101293
		4.50	114	6.25	159	P604045[1]
5.50	140	4.00	102	6.00	152	P101891
		5.00	127	6.00	152	P103516
6.00	152	5.00	127	6.00	152	P112611
		5.50	140	6.00	152	P101294
7.00	179	5.00	127	7.00	179	P136494
		5.50	140	7.00	179	P126530
		6.00	152	6.00	152	P112610
8.00	203	5.50	140	7.00	179	P129660
		6.00	152	6.00	152	P114315
		7.00	179	6.00	152	P112609
10.00	254	8.00	203	6.00	152	P112607

1 - Use clamp size for nominal 5" (127mm) I.D. each end

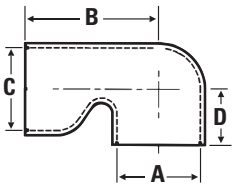
Rubber Straight Humps

Inner Dia. (A) in	mm	Length (B) in	mm	Part Number
3.00	76	5.30	135	P105608
3.50	89	5.25	133	P114319
4.00	102	5.25	133	P105609
4.50	114	6.00	152	P114317
5.00	127	6.00	152	P105610
5.50	140	6.00	152	P105611
6.00	152	7.00	165	P105612
7.00	179	7.00	165	P105613
8.00	203	5.00	127	P112608
10.00	254	6.00	152	P111414

Rubber Reducers

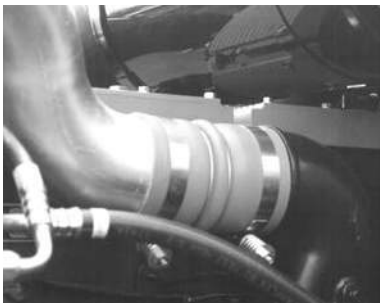
Inner Dia. (A) in	mm	Inner Dia. (B) in	mm	Length (C) in	mm	Part Number
2.00	51	1.50	38	2.50	64	P104087
		1.75	44	2.50	64	P102948
2.25	57	2.00	51	2.50	64	P104088
2.50	64	2.00	51	2.50	64	P104089
		2.25	57	2.50	64	P104090

90° Cobra Adapters



Inner Dia. (A) in	mm	Inner Dia. (C) in	mm	Length (B) in	mm	(D) in	mm	Part Number
2.75	70	4.00	102	6.50	165	1.81	46	P600328
3.00	76	3.00	76	5.22	133	1.91	49	P547694
4.00	102	4.00	102	6.44	164	2.69	68	P600325
		4.00	102	6.44	164	3.19	81	P600326
		5.00	127	6.44	164	3.19	81	P600327

Silicone Charge Air Connectors



Our three styles of charge air connectors are designed to ease connections in air intake system piping: they compensate for slight misalignment and isolate vibration between hose connections. The silicone elastomer material resists chemicals, steam, ozone, coolants and aging conditions normally found in any engine operating environment.

All three charge air connectors are for installation on the pressure side with maximum operating temperatures up to 500°F (260°C.) They are orange in color to be easily identifiable as tolerant of high temperatures, and carry a one year warranty.

Connectors/Sleeves

Inner Dia. in	Inner Dia. mm	Length in	Length mm	Part Number
2.00	51	36.00	914	P532948
2.25	57	36.00	914	P532949
2.50	64	36.00	914	P532950
3.00	76	36.00	914	P532951
3.38	86	3.50	89	P532952
		6.00	152	P532953
		36.00	914	P532954
3.50	89	3.50	89	P532956
		4.50	114	P532957
		36.00	914	P532958
4.00	102	36.00	914	P532959

Hump Hose Connectors

Inner Dia. in	Inner Dia. mm	Length in	Length mm	Part Number
2.50	66	5.50	140	P532960
2.75	70	4.25	108	P532961
3.00	76	4.38	111	P532962

Use the illustration as a guide for installing your charge air connector. For proper installation, use Donaldson Constant Torque clamps to retain clamp load. Torque to 70-75 lbs-in.

4-Ply Bellows

Inner Dia. in	Inner Dia. mm	Length in	Length mm	No. of Rings	Part Number
3.50	89	6.00	152	3	P535572
4.00	102	6.00	152	0	P532943
		6.00	152	2	P535571
		6.00	152	3	P532944
		7.50	191	3	P532945
		8.00	203	3	P535573

Worm-Drive Hose Clamps

- Versatile clamps for wide size range of hose connections
- Made of strong, durable, noncorrosive stainless steel
- Inside of clamp is lined so that hose doesn't bulge through clamp holes
- Narrow band enables easy installation in confined areas

High Torque Clamp

---- Min. to Max. Size ---- inch	mm	Part Number
4-1/4 - 5-1/8	108-130	P115204
5-1/4 - 6-1/8	133-156	P115205
6-1/4 - 7-1/8	159-181	P115206
7-1/4 - 8-1/8	184-206	P115207
8-1/4 - 9-1/8	210-232	P115208
10-1/4 - 11-1/8	260-286	P115209

Recommended application up to 150 lbs-in torque

This EXTRA heavy-duty clamp ensures total protection against leakage....eliminates the need for double clamping.

Constant Torque Clamp

--- Min. to Max. Size --- inch	mm	Part Number
2-1/4 - 3-1/8	57-79	P532925
2-3/4 - 3-5/8	70-92	P532926
3-1/4 - 4-1/8	83-105	P532927
3-3/4 - 4-5/8	95-117	P532928
4-1/4 - 5-1/8	108-130	P532929

Recommended application up to 90 lbs-in torque

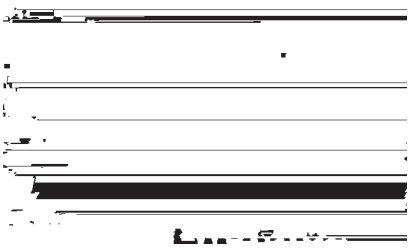
Donaldson Constant Torque lined clamps are the best choice for systems where clamps cannot be retightened and have difficult access. Perfect for applications requiring higher torque, large diameters, temperature extremes, or where expansions and contractions within the system are common. This clamp is a good choice for critical coolant and charge-air connections.

Lined Hose Clamp

-- Min. to Max. Size -- inch	mm	Part Number
9/16 - 13/16	14-21	P532919
11/16 - 15/16	17-24	P532920
13/16 - 1-1/16	21-27	P532921
13/16 - 1-1/2	21-38	P532923
13/16 - 1-3/4	21-44	P532924
15/16 - 1-1/4	29-32	P532922
1-9/16 - 2-1/2	40-62	P115200
2-1/16 - 3	52-76	P115201
2-13/16 - 3-3/4	71-95	P143422
3-5/16 - 4-1/4	84-108	P115202
4-5/16 - 5-1/4	109-133	P115203

Recommended application up to 40 lbs-in torque

Donaldson lined hose clamps seal silicone and other soft hoses without damage. The inner liner extends under the perforations to protect the hose and prevents extrusions through the worm-gear perforations.



Initial torque on lined hose clamp should be 40 lbs-in. If retorquing is required, limit to 20 lbs-in.

T-Bolt Clamps

Nominal I.D.[1]	Min. to Max. Size inch	mm	Part Number
2.00	2.25-2.53	57-64	P148337
2.25	2.50-2.78	63-70	P148338
2.50	2.81-3.09	71-78	P148339
2.75	3.06-3.34	78-85	P148340
3.00	3.31-3.59	84-91	P148341
3.50	3.81-4.09	98-104	P148342
4.00	4.31-4.59	109-116	P148343
4.50	4.81-5.09	122-129	P148344
5.00	5.31-5.59	135-142	P148345
5.50	5.94-6.21	151-158	P148346
6.00	6.38-6.65	162-169	P148347
7.00	7.38-7.78	187-198	P148348
8.00	8.25-8.56	216-226	P148349
10.00	10.50-10.91	267-277	P148350

1 - Nominal I.D. dimension, shown in inches, corresponds to I.D. dimension of rubber part being clamped.

Replacement Vacuator™ Valves

The Vacuator Valve, standard on the majority of Donaldson air cleaners, is an important part of the functionality of the air cleaner. It is an integral part of the pre-cleaning stage on two-stage air cleaners.

The dust cup, where pre-cleaned dust is collected, is normally under a slight vacuum when the engine is running. The normal engine pulsing of the vacuum causes the Vacuator Valve to open and close. This action automatically expels any collected dust and water. The Vacuator Valve also unloads when the engine is stopped.

Application Notes

For proper operation, the Vacuator Valve should be located at the lowest point on the air cleaner or dust cup pointing down.

Never paint the Vacuator Valve. Solvents and chemicals will shorten the usable life.

If the Vacuator Valve is torn, shredded or turned inside out, its durometer may be too soft for the application. Choose a model with a harder durometer (higher number). Conversely, if the Vacuator Valve doesn't empty itself properly, the durometer may be too hard. Choose one with a softer durometer (lower number.)

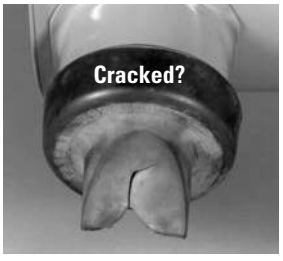
The Donaldson Vacuator Valve, also known as VacValve, is made in a variety of sizes and shapes to fit various applications. The Donaldson part number is molded into each part for easy identification.

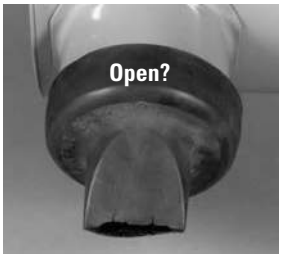
Vacuator Valves

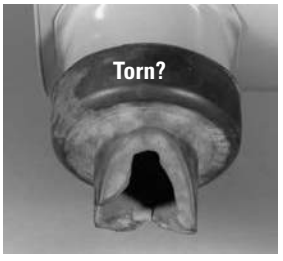
Part Number	Diameter in	Diameter mm	Durometer	Used on Air Cleaner Styles
P103198	3.0	76	40	FRG 10", 12", 14" and 16"; FHG 10", 12", 14" and 16"; FTG; FWA 5"-16"; FWG 4"-16"; SRG; In-line Water Separators
P105220	3.0	76	60	FRG 18"; FHG 8"; FVG160587
P106593	3.0	76	60	FHG 6"-8", High Pulsation Models
P112803	3.0	76	40	FHG 6"-8"; PSD 10", PSD 12"; SBG 14"-16"; SDG; STG 12"-16"
P149099	1.0	25	60	ERA; EBA; EBB; ECG
P158914	2.0	51	50	XRB, FKB; PSD 8"; PSD 9"; FPG 6" and 8"; FRG 5"-9", 11"; FHG 5", FWG; FWA; Moisture Skimmers
P522958	2.0	51	60	FPG 4" -5"; FHG
P525956	1.0	25	60	EPG 11", 13", 15"
P617632	1.57	40	50	PSD 08"
P776008	2.0	51	60	FPG 9", 10" Twist-off cover; FRG 10", 13", and 15"

For the longest filter service life, replace damaged or missing Vacuator Valves immediately!

If your valve is cracked, torn, remains open or is missing, dust particles that are normally expelled can deposit themselves onto the filter and will shorten air filter service life. **Replace it!**





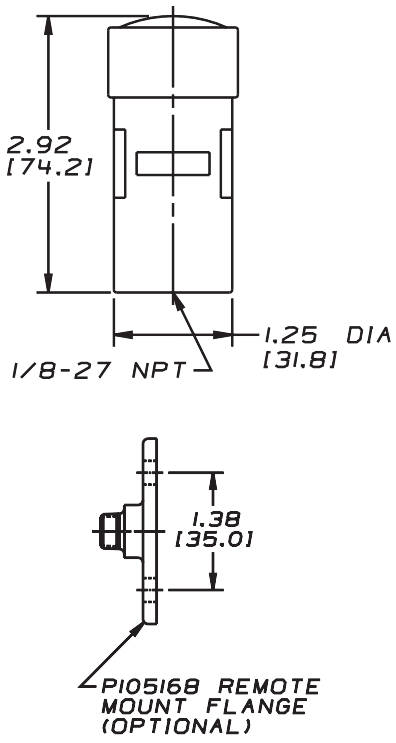


The Informer™ for Graduated, Continuous Readings

The Informer, when mounted on the air cleaner or the dashboard, provides a continuous reading whether the engine is running or is shut down. Reset button is on top. Kit includes full installation instructions and a P100089 safety filter fitting. For remote mounting, order a P105168 flange and a P105622 90° elbow.

The Informer™

Restriction Limit	Gauge Only	Kit (gauge & fitting)
20" H_2O/5 kPa	X002278	X002103
25" H_2O/6.2 kPa	X002277	X002102
30" H_2O/7.5 kPa	X002275	X002101



The Mini-Informer™ for Light & Medium Trucks

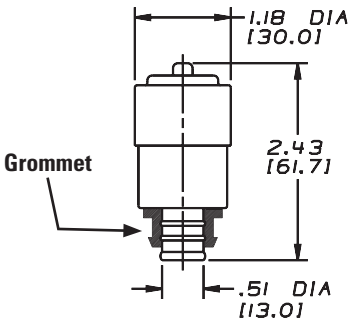
The Mini-Informer restriction gauge is designed to mount in the plastic air cleaners of passenger cars, light trucks, and sport utility vehicles. It's an accurate, durable, easy-to-read "go/no go" style indicator, smaller than the original Informer.

Through the clear window, a green flag shows when air filter restriction is below the service point. When the restriction reaches its limits, an orange flag imprinted with "change filter" pops up.

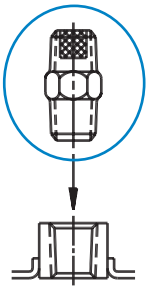
The Mini-Informer mounts in the air cleaner ducting in a rubber grommet.

The Mini-Informer™

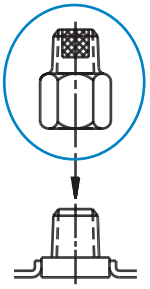
Restriction Limit	Gauge & Grommet	Gauge Only
25" H_2O/6.2 kPa	X007276	X007335



Restriction Tap Fittings

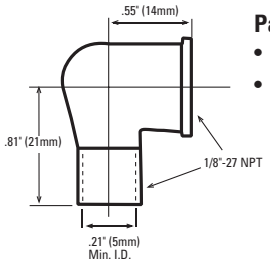


Part No. P100089
- Male threads both ends
- 1/8"-27 thread
- 0.44" (11mm) hex nut
- Internal sintered bronze safety filter



Part No. P122067
- Female threads on one end, male threads on opposite end
- 1/8"-27 thread
- Internal sintered bronze safety filter

Restriction Indicator Fitting



Part No. P105622
- 1/8"-27 threads
- 90° elbow with threaded end

ACCESSORIES

ACCESSORIES

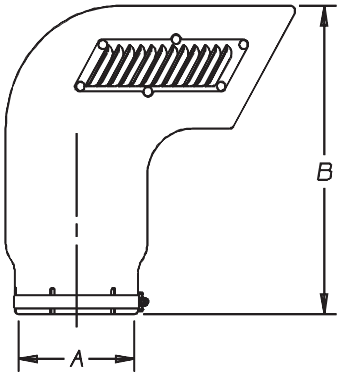
Air Ram™ Inlet Hood

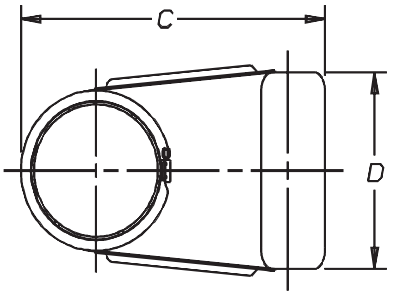
- Primarily over-highway trucks
- For engine airflow of 700 to 1000+ cfm
- Improves intake system airflow and fuel economy by reducing restriction, examples:
  - at 33 mph, 53 kmh = 3.5" H_20 restriction
  - at 45-52mph, 72-74 kmh = 4" H_20 restriction
  - at 60 mph, 97 kmh = 5" H_20 restriction
- Lightweight, non-corrosive, and durable – no service needed!
- Inlet screen prevents large debris from entering intake ducting
- Side louvers ensure continuous airflow to intake system
- Common inlet sizes fit most installations
- Eliminates water from air intake system
  - at 700 cfm airflow = 90%
  - at 800 cfm airflow = 93%
  - at 1000 cfm airflow = 93%*

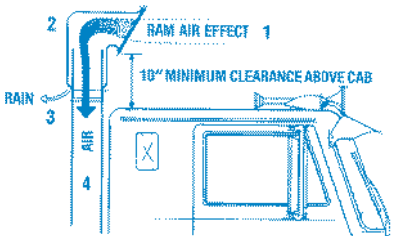
* based on item H001660

H001654
High profile model mounts on inlet stack, above and behind cab.

H001200
Low profile model designed for air cleaners mounted on the side of the cab.







How Air Ram™ Works

1- Moisture-filled air enters Air Ram.
2- Air is naturally forced against rear wall. Moisture sticks to the wall, separating from the air.
3- Moisture collects on the Air Ram wall and drains down to and out of the drain hole.
4- Virtually moisture-free air passes into air cleaner.

Air Ram Inlet Hood

Part Number	Inlet Diameter (A) in	mm	Height (B) in	mm	Depth (C) in	mm	Width (D) in	mm
MODELS WITH LOUVERS ON SIDE								
H001660	6.06	154	14.80	376	14.85	377	8.98	228
H001654	7.06	179	15.53	394	15.63	397	9.86	250
H001661	8.06	205	16.16	410	16.95	431	10.92	277
MODELS WITHOUT LOUVERS (LOW PROFILE)								
H001200	7.06	179	6.25	159	12.03	306	13.20	335

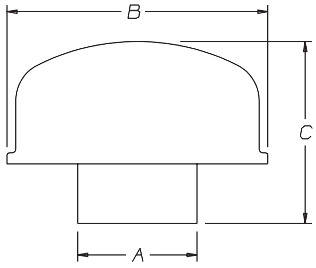
Note: One mounting band is included with each Air Ram

Installation Note

All Air Ram inlet hoods MUST be installed with the screen facing forward to ensure best performance. Airflow restriction will not be reduced if the Air Ram faces sideways; but if it faces backwards, restriction does increase and adversely affects engine performance.

Inlet Hoods

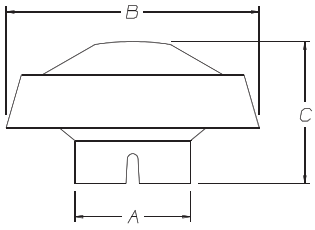
- Protects engine air intake from rain, snow, birds, and other large contaminants
- Mounts on stack or directly to air cleaner for on-road and off-road equipment
- Four styles in a wide variety of sizes
- Installs easily with one clamp. Clamp included with hood on styles B, C and D



Inlet Hood - Style A[1]

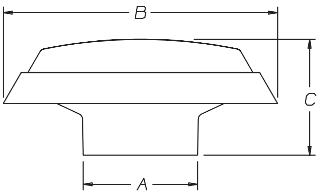
Fits O.D. (A) inch	mm	Hood Dia. (B) inch	mm	Height (C) inch	mm	Add to Stack inch	mm	Mat'l	Rain Shroud?	Weight lbs	kgs	Part Number
1.75	44	4.13	105	3.31	84	2.75	70	Metal	No	0.50	0.22	X002017
2.00	51	4.13	105	3.25	83	2.75	70	Metal	No	0.50	0.22	X002018
2.25	57	5.24	133	3.97	101	3.50	89	Metal	No	0.80	0.36	X002019
2.50	64	5.25	133	3.97	101	3.50	89	Metal	No	0.80	0.36	X001966
3.00	76	6.13	156	5.06	129	3.75	95	Metal	No	1.10	0.50	X002014
3.75	95	8.06	205	7.75	197	6.00	152	Metal	No	2.10	0.95	X001988
4.00	102	8.06	205	7.88	200	6.00	152	Metal	No	2.00	0.90	X002015

1 - Clamps must be ordered separately for this style



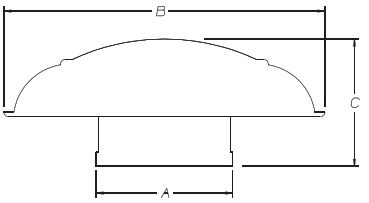
Inlet Hood - Style B

Fits O.D. (A) inch	mm	Hood Dia. (B) inch	mm	Height (C) inch	mm	Add to Stack inch	mm	Mat'l	Rain Shroud?	Weight lbs	kgs	Part Number
1.75	44	6.00	152	3.37	86	2.05	52	Plastic	No	0.20	0.09	H002068
2.00	51	6.00	152	3.31	84	2.50	64	Plastic	No	0.20	0.09	H001377
2.50	64	6.00	152	3.31	84	2.50	64	Plastic	No	0.20	0.09	H001378
3.00	76	6.00	152	3.31	84	2.50	64	Plastic	No	0.20	0.09	H001379



Inlet Hood - Style C

Fits O.D. (A) inch	mm	Hood Dia. (B) inch	mm	Height (C) inch	mm	Add to Stack inch	mm	Mat'l	Rain Shroud?	Weight lbs	kgs	Part Number
3.00	76	11.50	292	5.88	149	3.63	92	Plastic	No	1.10	0.50	H001063
3.75	95	11.50	292	5.13	130	3.63	92	Plastic	No	0.80	0.36	H000466
		11.50	292	5.13	130	3.63	92	Plastic	Yes	1.00	0.45	H000473
4.00	102	11.50	292	5.06	129	3.38	86	Plastic	No	0.90	0.40	H000467
		11.50	292	5.06	129	3.38	86	Plastic	Yes	1.00	0.45	H000472
4.50	114	11.50	292	4.88	124	3.38	86	Plastic	No	0.80	0.36	H000468
		11.50	292	4.88	124	3.38	86	Plastic	Yes	1.00	0.45	H000471
5.00	127	11.50	292	4.88	124	3.31	84	Plastic	No	0.80	0.36	H000469
		11.50	292	4.88	124	3.31	84	Plastic	Yes	1.00	0.45	H000470
		16.00	407	5.75	146	3.31	104	Plastic	Yes	1.80	0.80	H000605
5.50	140	16.00	407	5.75	146	4.94	125	Plastic	Yes	1.80	0.80	H000604
6.00	152	16.00	407	5.75	146	4.94	125	Plastic	Yes	1.80	0.80	H000606
		13.00	330	4.06	103	2.69	68	Bright	No	1.50	0.68	H001756
		16.00	406	5.69	145	4.25	108	Bright	Yes	1.50	0.68	H001948
7.00	178	12.81	325	4.81	122	3.44	87	Bright	No	1.50	0.68	H001773
		13.00	330	3.88	99	2.50	64	Bright	No	1.50	0.68	H001742
		16.00	406	5.75	146	4.09	104	Plastic	Yes	1.80	0.80	H000607
		16.00	406	5.69	145	4.25	108	Bright	Yes	1.50	0.68	H001947
8.00	203	16.00	406	6.19	157	4.69	119	Plastic	Yes	1.80	0.80	H001053
		16.00	406	6.19	157	4.60	117	Bright	Yes	1.50	0.68	H001946



Inlet Hood - Style D

Fits O.D. (A) inch	mm	Hood Dia. (B) inch	mm	Height (C) inch	mm	Add to Stack inch	mm	Mat'l	Rain Shroud?	Weight lbs	kgs	Part Number
4.50	114	9.50	241	4.69	119	3.69	94	Metal	No	3.20	1.44	H000170
5.00	127	9.50	241	4.69	119	3.69	94	Metal	No	3.30	1.50	H000165
6.00	152	9.50	241	4.69	119	3.69	94	Metal	No	3.10	1.40	H000275
		9.50	241	4.69	119	3.69	94	Metal	Yes	3.20	1.44	H000276
7.03	179	17.00	432	6.75	171	5.75	146	Metal	No	4.60	2.08	H000339

Stack-Top Moisture Eliminator

- For cabover trucks, on/off road, mounted on top of an intake stack
- Over 80% water removal efficiency
- Includes clamp for installation

Part No. X003691

Airflow Range: 600-1200 cfm

I.D. 7.00" / 178 mm

How It Works

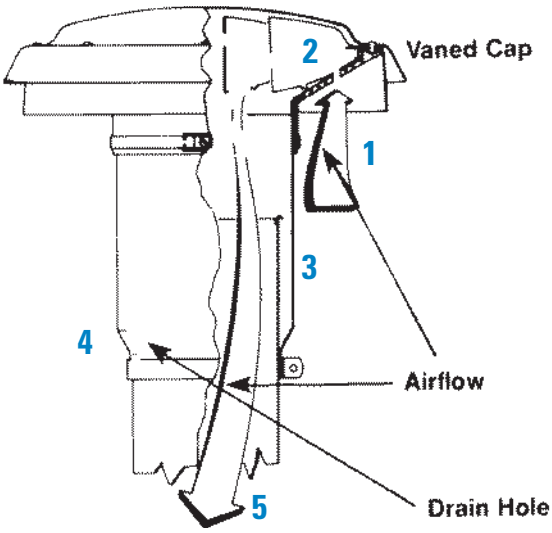
1- Moisture-filled air enters the moisture eliminator cap.

2- Built-in, stationary vanes cause the air to spin.

3- Moisture is forced to the outside wall, where it separates from the air and collects.

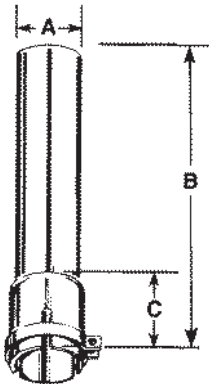
4- Water drains out through the drain hole.

5- As a result, drier air (acceptable for maximum filter life and engine performance) passes to the air cleaner.



Air Stack Extensions

- For on-road and off-road trucks
- Helps extend filter life by elevating air inlet away from heavy dust concentrations and engine exhaust
- Installs easily and quickly with one clamp, which is included with unit
- Durable, corrosion-resistant steel construction



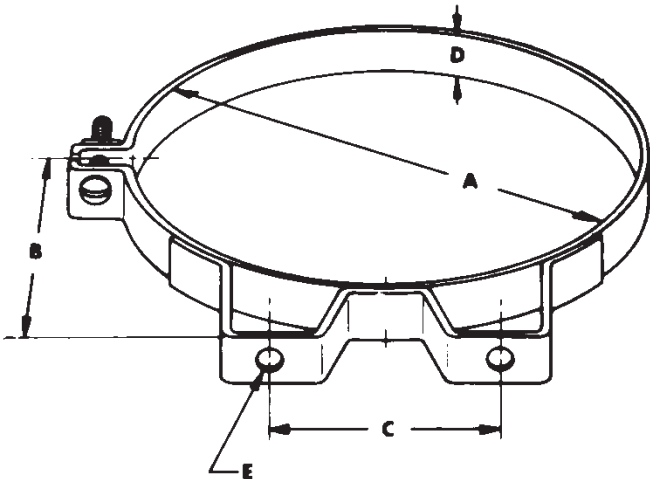
Air Stack Extensions

-(A - O.D.)- in	mm	-----(B)----- in	mm	-----(C)----- in	mm	Part Number
3.75	95	29.00	737	1.50	38	X001744
4.50	114	30.25	768	1.50	38	X001746
5.00	127	29.00	737	1.50	38	X001747
6.00	152	31.50	800	1.50	38	H000484
7.00	178	28.62	727	1.50	38	H000483

Air Cleaner Mounting Bands

Most of our air cleaners with metal housings require two mounting bands.

- Durable, corrosion resistant, steel construction
- Fully engineered and tested to resist the adverse effects of vibration
- Mounting band feet are designed to ensure maximum torque pressure, continuously
- Gauge of steel increases as diameter of mounting band increases
- Bright stainless models available
- Bolt and nut included with mounting band



Air Cleaner Mounting Bands

A		B		C		D		E		Weight		Max. Bolt Torque		Part
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbs-ft	N•m	Number
4.00	102	2.56	65	2.50	64	.75	19	.31	8	0.30	0.14	1.50	2.03	P007189
5.25	133	3.19	81	3.25	83	.88	22	.34	9	0.70	0.32	1.50	2.03	P002348
6.00	152	3.56	90	3.25	83	1.00	25	.34	9	0.80	0.36	1.50	2.03	P002351
6.50	165	3.88	99	3.75	95	.88	22	.41	10	0.70	0.32	2.00	2.71	P007191
7.00	178	4.13	105	4.50	114	.88	22	.30	8	0.80	0.36	3.00	4.07	P004906
7.75	197	4.44	113	4.25	108	1.00	25	.34	9	0.90	0.41	3.50	4.75	P003245
8.00	203	4.50	114	4.25	108	1.00	25	.34	9	1.10	0.50	4.00	5.42	P004307
9.00	229	5.13	130	4.5	114	1.25	32	.45	11	1.50	0.68	4.00	5.42	P004073
10.19	259	5.75	146	5.00	127	1.25	32	.45	11	1.50	0.68	4.00	5.42	P004076
11.00	279	6.13	156	5.00	127	1.25	32	.45	11	1.70	0.77	4.00	5.42	P004079
11.81	300	6.88	175	6.00	152	1.50	38	.41	10	2.50	1.13	4.00	5.42	H000349
13.00	330	7.25	184	6.00	152	1.50	38	.41	10	2.80	1.50	4.00	5.42	P013722
		7.25	184	6.00	152	1.50	38	.41	10	2.80	1.50	4.00	5.42	P522439*
14.00	356	8.13	207	8.00	203	1.50	38	.47	12	3.70	1.68	5.00	6.78	H000350
15.00	381	8.00	203	8.00	203	1.50	38	.47	12	4.10	1.86	6.00	8.14	P016845
		8.00	203	8.00	203	1.50	38	.47	12	4.10	1.86	6.00	8.14	P524552*
16.00	406	9.13	232	10.00	254	1.50	38	.47	12	4.75	2.16	5.00	6.78	H000351
18.00	457	9.2	234	15.75	400	1.96	50	.55	14	5.25	2.38	5.00	6.78	H770037
19.29	490	10.97	279	19.29	490	1.96	50	.55	14	6.39	2.9	5.00	6.78	H770068

* Bright Stainless Model

Mounting Bands Designed Exclusively for the FPG Series

Polymer Mounting Band

The one-piece, high tech polymer mounting band will securely hold the housing in position. The band has tabs on the inside circumference which fit exactly into notches on the FPG housing.

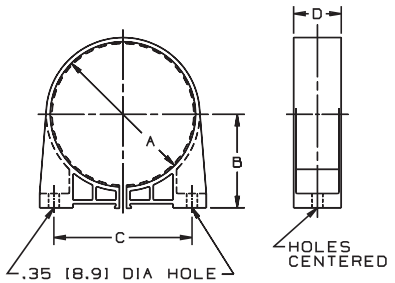
The band tightens around the air cleaner when the base of the band is bolted to a support, providing a fixed, stable mounting – even in high vibration applications.

Donaldson polymer bands are completely non-corrosive, lightweight, easy to install, and economical.

Application Note:

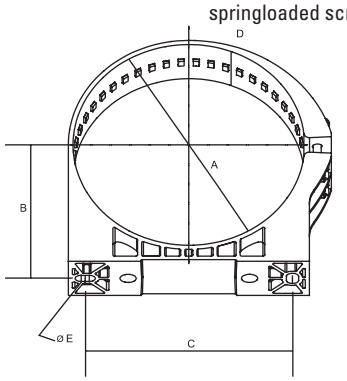
To accommodate even hard-to-fit applications, polymer bands allow the air cleaner housings to be rotated and positioned at various increments, depending upon the size:

Housing Diameter	Increment
4.80" (122mm)	11°
5.75" (146mm)	10°
6.74" (171mm)	7.5°
7.19" (183mm)	7°
8.35" (212mm)	5°



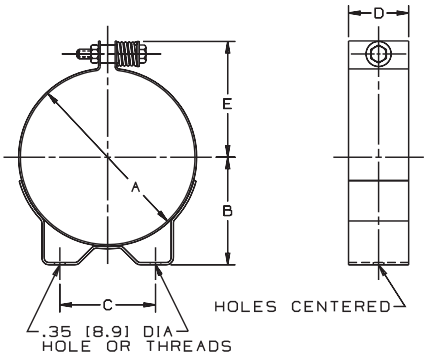
For G04 and G05 FPG Air Cleaners.

Bands for G06-G10 FPG Air Cleaners with springloaded screws



Metal Mounting Band

The metal mounting band has a spring-loaded bolt at the top to maintain a constant hold on the housing throughout high and low temperature extremes.

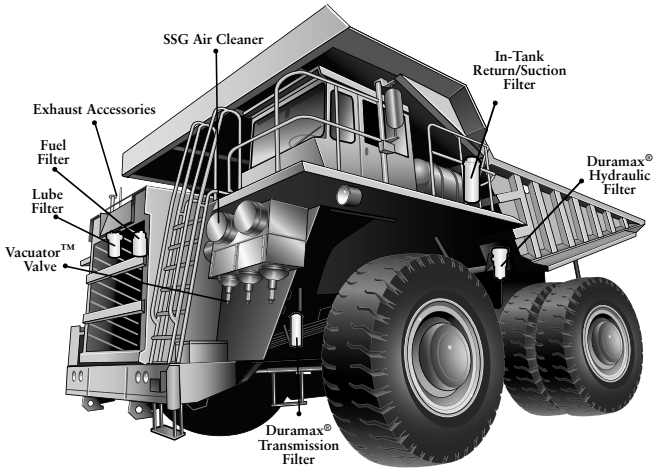


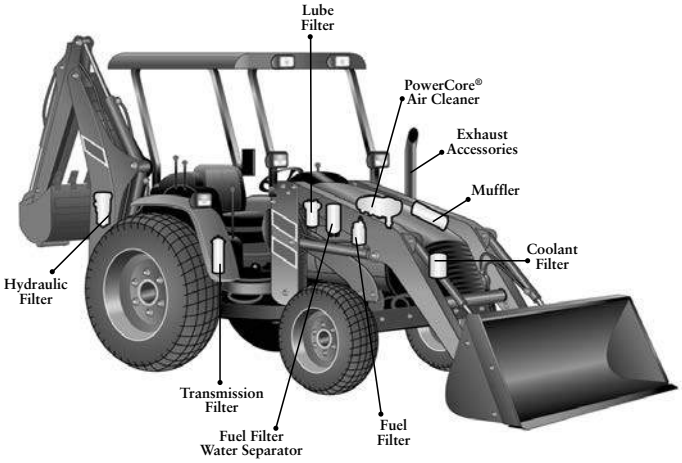
WARNING: Do not use any other mounting bands or straps with FPG air cleaners. Use of an unapproved mounting band voids warranty.

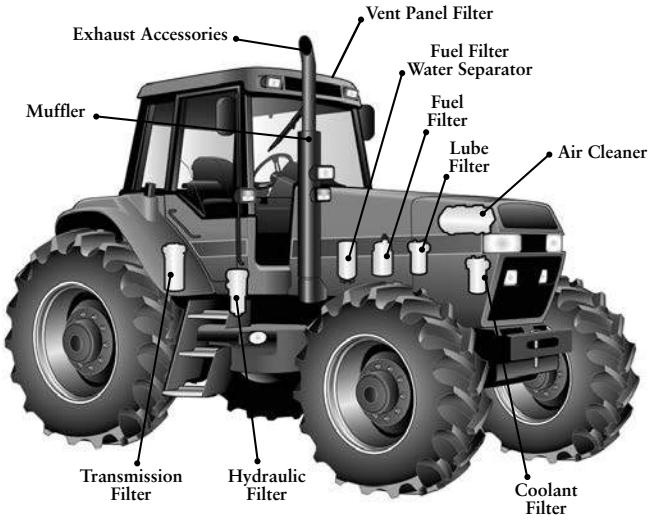
FPG Mounting Bands (Order one band per FPG air cleaner)

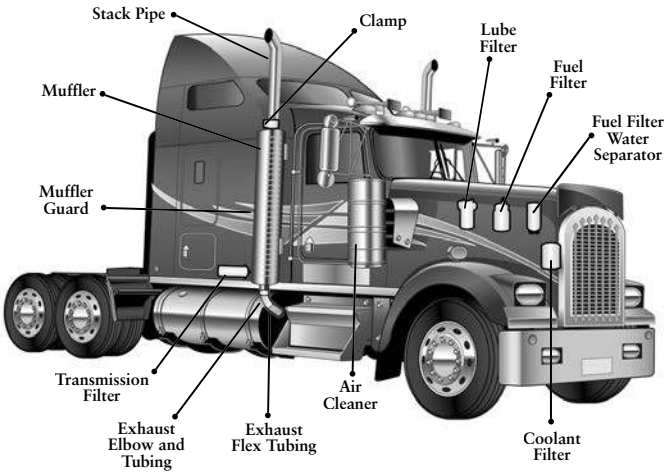
Part Number	A in	A mm	B in	B mm	C in	C mm	D in	D mm	E in	E mm	Weight lbs	Weight kgms	Maximum Belt Torque
POLYMER BANDS													
P777151	4.80	122	3.09	79	4.56	116	1.57	40	n/a		0.26	118	11 lbs.-ft. 14.8 N•m
P777730	5.75	146	3.52	90	5.35	136	1.99	51	n/a		0.37	167	11 lbs.-ft. 14.8 N•m
P778810	6.79	173	3.94	100	6.00	154	1.99	51	n/a		0.40	182	11 lbs.-ft. 14.8 N•m
P777731	7.17	182	4.11	105	6.50	165	1.99	51	n/a		0.45	206	11 lbs.-ft. 14.8 N•m
P777732	8.35	212	4.70	120	7.48	190	1.99	51	n/a		0.56	253	11 lbs.-ft. 14.8 N•m
P780532[1]	9.48	241	5.47	136	5.63	143	1.99	51	n/a				
P780594[1]	10.55	268	5.90	150	5.63	143	3.15	80	n/a				
METAL BANDS													
H008442	4.80	122	3.07	78	2.76	70	1.57	40	3.34	85	0.70	317	12 lbs.-ft. 16.2 N•m
H008443	5.75	146	3.54	90	3.15	80	1.99	51	3.83	97	1.30	590	12 lbs.-ft. 16.2 N•m
H008441[2]	6.79	173	3.94	100	3.54	90	1.99	51	4.35	111	1.40	635	12 lbs.-ft. 16.2 N•m
H008444	6.79	173	3.94	100	3.54	90	1.99	51	4.35	111	1.40	635	12 lbs.-ft. 16.2 N•m
H002070	7.19	183	4.09	104	3.74	95	1.99	51	4.55	116	1.50	680	12 lbs.-ft. 16.2 N•m
H002023	8.13	207	4.72	120	4.33	110	1.99	51	5.14	131	1.60	726	12 lbs.-ft. 16.2 N•m

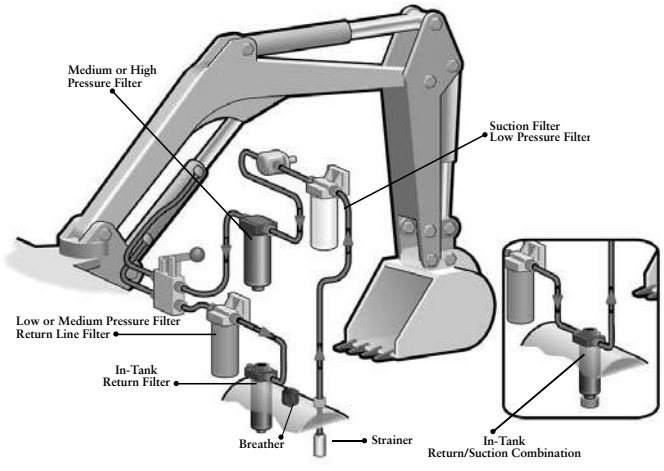
1 - Mounting bands (with spring-loaded screws) for FPG09 and FPG10 models with twist-off cover
2 - Model H008441 has 8mm threads

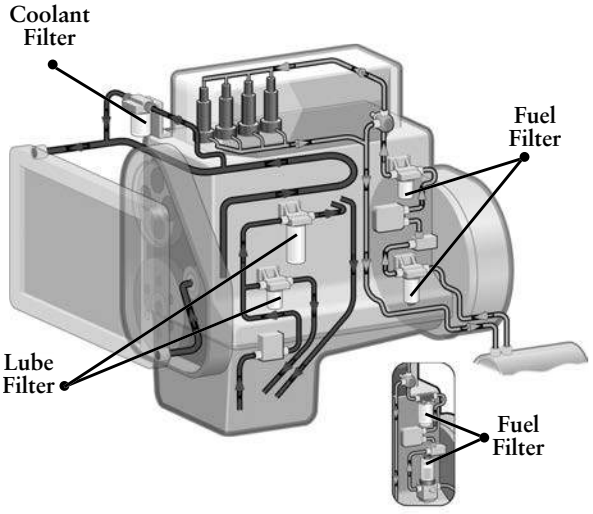

SSG Air Cleaner
In-Tank Return/Suction Filter
Exhaust Accessories
Fuel Filter
Lube Filter
Vacuator™ Valve
Duramax® Hydraulic Filter
Duramax® Transmission Filter


Lube Filter
PowerCore® Air Cleaner
Exhaust Accessories
Muffler
Coolant Filter
Hydraulic Filter
Transmission Filter
Fuel Filter Water Separator
Fuel Filter


Exhaust Accessories
Vent Panel Filter
Fuel Filter Water Separator
Muffler
Fuel Filter
Lube Filter
Air Cleaner
Transmission Filter
Hydraulic Filter
Coolant Filter


Stack Pipe
Clamp
Lube Filter
Fuel Filter
Muffler
Fuel Filter Water Separator
Muffler Guard
Transmission Filter
Air Cleaner
Exhaust Elbow and Tubing
Exhaust Flex Tubing
Coolant Filter

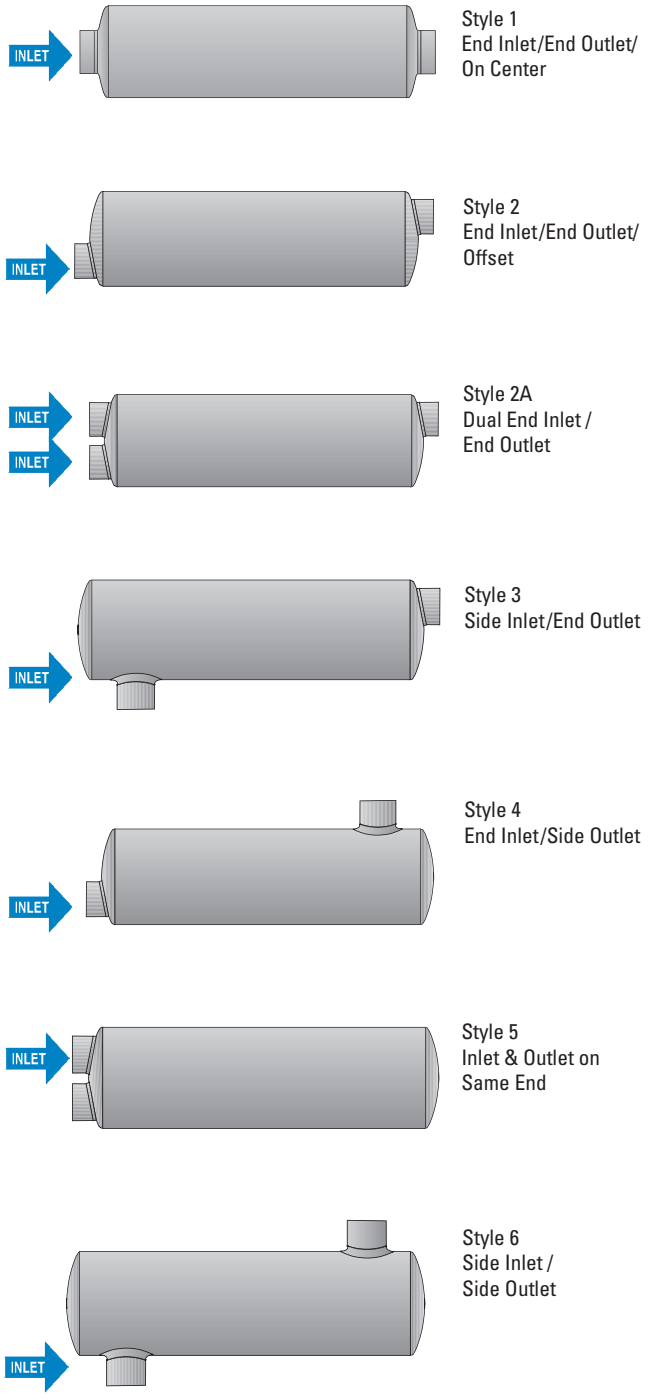

Medium or High Pressure Filter
Suction Filter Low Pressure Filter
Low or Medium Pressure Filter Return Line Filter
In-Tank Return Filter
Breather
Strainer
In-Tank Return/Suction Combination


Coolant Filter
Fuel Filter
Lube Filter
Fuel Filter

MUFFLER SELECTION & SPECIFICATIONS

Section Index

Muffler Selection by Style & Engine Exhaust Data



Selecting the Right Muffler for Your Engine

NOTE: Depending on your location, some diesel engines require the use of an emissions aftertreatment device to meet emissions regulations. In the United States, federal law prohibits the replacement of an emissions device (i.e., catalytic converter, combined catalytic converter/muffler, diesel particulate filter, etc.) with a non-emissions reducing (such as a straight pipe or conventional muffler) or un-approved emissions device. If operating the vehicle outside of the United States, make sure to check with and comply with any emission regulations for your locale.

Step 1

Determine the exhaust flow (CFM) and acceptable exhaust system backpressure of your engine, refer to your owners manual or contact your engine manufacturer for this information. To calculate exhaust flow, see our instructions on page 7.

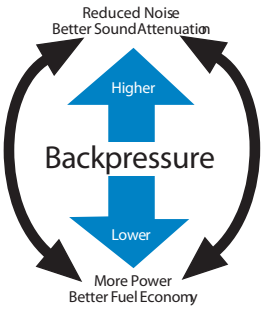
Note: If you are spec'ing a dual muffler system divide engine's exhaust flow (CFM) by two.

Step 2

Find your muffler style (inlet/outlet positions and shape: round or oval) using the illustrations on the left. Proceed to the same style in page 53-57.

Step 3

Within the style, choose desired inlet diameter that is at or below your exhaust flow rate AND at or below the acceptable backpressure level.



Muffler Size May Affect Backpressure:
Mufflers are key to vehicle and equipment performance because as the muffler decreases the sound, it may create more backpressure on exhaust flow. Typically, an increase in backpressure means decreased engine performance. A large muffler can be used to offset increased backpressure while maintaining overall acoustic performance.

Mufflers for Off-Road Use

Many of our mufflers are specifically designed for off-road equipment. These mufflers are shown in blue type on pages 53-59 and have the following features:

- High temperature black finish
- Mount or install in any position
- Aluminized steel construction
- All have round bodies with domed ends
- Slotted inlet/outlet connections

Muffler Selection by Style, Attenuation & Exhaust Flow

Choose the desired inlet diameter for the engine's air flow requirement that is at or below the acceptable backpressure level.

Style 1 - End Inlet/End Outlet/On Center

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation Range	Part	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	dB(A)	Number	3" Hg 40.8" H_2O	2" Hg 27.2" H_2O	1" Hg 13.6" H_2O
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060479	498	393	283
		2.10 OD	53 OD	4.38	111	12.50	318	8-12	M045237	531	433	306
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065138	780	613	441
		2.63 OD	67 OD	6.62	168	15.00	381	6-12	M065071	790	645	456
2.89	73	3.16 OD	80	8.50	216	31.75	806	15-20	M085293[7]	1091	891	630
3.00	76	3.00	76	8.50	216	19.75	502	12-18	M085407	1125	884	636
		3.13 OD	80 OD	8.00	203	12.18	309	10-15	M080018	835	682	482
		4.00	102	11.00	279	36.00	914	13-19	M111029	2193	1791	1266
3.50	89	3.50	89	7.00	178	14.00	356	10-15	M070028	1245	1017	719
		3.50	89	9.00	229	21.75	552	12-18	M091046	1525	1203	865
		3.50	89	9.00	229	44.50	1130	18-25	M090146	1001	817	578
4.00	102	4.00	102	8.50	216	34.37	873	12-18	M085421	2099	1714	1212
		4.00	102	8.50	216	34.37	873	8-12	M085171	3119	2546	1800
		4.00	102	9.00	229	44.44	1129	13-18	M090544	2006	1638	1158
		4.00	102	9.00	229	20.00	508	10-15	M090594	1667	1361	962
		4.00	102	10.33	262	44.50	1130	25-35	M100464[1]	1420	1159	820
		4.00	102	10.00	254	23.75	603	12-18	M101167	2000	1570	1130
		4.00	102	10.00	254	44.44	1129	12-18	M100466	1948	1590	1125
		4.00 OD	102 OD	9.00	229	29.31	744	10-15	M090095[7]	1628	1330	940
		5.00	127	9.00	229	44.44	1129	15-20	M090781	2639	2155	1524
		5.00	127	10.00	254	44.44	1129	19-25	M100695	1543	1260	891
5.00	127	5.00	127	9.00	229	20.00	508	10-15	M090595	2478	2023	1431
		5.00	127	9.00	229	44.44	1129	13-18	M090074	2887	2357	1667
		5.00	127	9.00	229	44.44	1129	12-17	M090535	3260	3100	2340
		5.00	127	10.00	254	44.44	1129	16-23	M100944	2950	2494	1765
		5.00	127	10.00	254	44.44	1129	19-25	M100582	1600	1435	1015
		5.00	127	10.00	254	44.44	1129	19-25	M101159[4]	1650	1465	1035
		5.00	127	10.00	254	44.44	1129	19-25	M101182[3]	1650	1465	1035
		5.00	127	10.00	254	44.44	1129	19-25	M100580	2530	2215	1565
		5.00	127	10.00	254	44.44	1129	15-20	M100465	2790	2277	1610
		5.00	127	10.00	254	44.44	1129	19-25	M101158[4]	2625	2305	1630
		5.00	127	10.00	254	44.44	1129	19-25	M101181[3]	2625	2305	1630
		5.00	127	10.00	254	44.44	1129	13-18	M100463	3260	3100	2340
		5.00	127	10.00	254	44.44	1129	16-23	M101263	2530	2215	1565
		5.00	127	10.00	254	59.95	1522	19-25	M100807	2610	2131	1507
		5.00	127	11.00	279	50.50	1283	19-25	M110849	2950	2505	1775
		5.00	127	11.84	301	25.75	654	12-18	M120747	3100	2450	1762
2 NPT		2 NPT		6.00	152	14.50	368	8-12	M060247	776	633	448
2.5 NPT		2.5NPT		6.00	152	15.00	381	8-12	M060005	773	631	446
3 NPT		3 NPT		7.00	178	14.00	356	10-15	M070008	1293	1056	747
3.5 NPT		3.5 NPT		7.00	178	18.38	467	10-15	M070050	1408	1149	813
4 NPT		4 NPT		9.00	229	20.00	508	10-15	M090009	1767	1443	1020

Mufflers in blue text have high temperature black finish and are designed for off-road applications.

1 - Wrapped muffler (reduces noise and surface temperature)
3 - Silent Partner™ Exhaust & Engine Brake Silencer-Aluminized
4 - Silent Partner™ Exhaust & Engine Brake Silencer-Stainless Steel
7 - Face flange on inlet

Muffler Selection by Style, Attenuation & Exhaust Flow

Stated backpressure levels include muffler, average tubing lengths, and accessories.

Style 2 - End Inlet/End Outlet/Offset

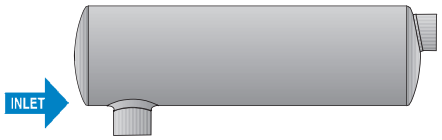
-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation Range	Part	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	dB(A)	Number	3" Hg 40.8" H_2O	2" Hg 27.2" H_2O	1" Hg 13.6" H_2O
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060480	498	393	283
		2.00	51	6.00	152	16.90	429	15-20	M060055	515	420	297
		2.00	51	6.00	152	24.00	610	15-20	M060232	515	420	297
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065139	780	613	441
		2.50	64	6.62	168	18.56	471	15-20	M065034	709	579	409
		2.50	64	6.62	168	27.75	705	16-22	M065065	709	579	409
3.00	76	3.00	76	8.3 x 11.5	211 x 292	26.00	660	19-25	M090170	828	676	478
		3.00	76	8.50	216	19.75	502	12-18	M085408	1125	884	636
		3.00	76	8.50	216	20.50	521	15-20	M085056	1094	894	632
		3.00	76	8.50	216	27.50	699	18-22	M085078	964	787	557
		3.00	76	8.50	216	27.75	705	18-22	M085080	964	787	557
		3.00	76	8.50	216	31.25	794	17-22	M085023	1094	894	632
		3.00	76	8.5 x 11.8	216 x 300	26.00	660	19-25	M090159[1]	828	676	478
3.50	89	3.00	76	8.50	216	38.00	965	15-20	M085008	1124	918	649
		3.50	89	8.3 x 11.5	211 x 292	26.00	660	15-20	M090158	1325	1081	765
		3.50	89	9.00	229	21.75	552	12-18	M091047	1525	1203	865
		3.50	89	8.5 x 11.8	216 x 300	26.00	660	15-20	M090210[1]	1325	1081	765
		4.00	102	8.2 x 11.5	208 x 292	26.00	660	13-18	M090520	1719	1403	992
		4.00	102	8.2 x 11.5	208 x 292	30.00	762	13-18	M090680	1719	1403	992
4.00	102	3.50	89	8.2 x 11.5	208 x 292	26.00	660	16-21	M090538	1340	1094	773
		4.00	102	10.00	254	23.75	603	12-18	M101168	2000	1570	1130
		4.00	102	8.2 x 11.5	208 x 292	26.00	660	12-18	M090280	1719	1403	992
		4.00	102	8.2 x 11.5	208 x 292	26.00	660	13-18	M090534	1776	1450	1025
		4.00	102	10.00	254	27.12	689	15-20	M100048	1702	1390	983
		4.00	102	10.00	254	35.38	899	15-20	M100043	1702	1390	983
		4.00	102	10 x 15	254 x 381	26.00	660	15-20	M120100	1997	1631	1153
		4.00	102	10.3 x 15.3	261 x 389	42.00	1067	22-28	M120197[1]	1386	1131	800
		4.00	102	11.00	279	30.00	762	15-20	M110012	1730	1412	999
		4.00	102	11.00	279	36.00	914	19-25	M110189	1819	1485	1050
4 OD	102 OD	5.00	127	11.00	279	36.00	914	13-19	M111028	2393	1954	1382
5.00	127	5.00	127	10 x 15	254 x 381	26.00	660	15-20	M120225	2887	2357	1667
		5.00	127	10 x 15	254 x 381	26.00	660	15-20	M120108	2329	1902	1345
		5.00	127	10 x 15	254 x 381	36.00	914	15-20	M120365	2265	1849	1307
		5.00	127	10 x 15	254 x 381	44.00	1118	13-18	M120448	2222	1814	1283
		5.00	127	11.00	279	44.00	1118	13-18	M110077	2205	1800	1273
		5.00	127	11.84	301	25.75	654	12-18	M120748	3100	2450	1762
6.00	152	6.00	152	10 x 15	254 x 381	31.75	806	10-15	M122300	3740	3054	2159
		6.00	152	12 x 18	305 x 457	30.00	762	11-16	M140048	3765	3074	2174
		6.00	152	14 x 21	357 x 533	35.00	889	12-18	M170101	4113	3358	2375
8.00	203	8.00	203	16 x 24	406 x 607	45.00	1143	11-15	M190002	6352	5186	3667

Choose the desired inlet diameter for the engine's air flow requirement that is at or below the acceptable backpressure level.

Choose the desired inlet diameter for the engine's air flow requirement that is at or below the acceptable backpressure level.

Style 2A - Dual End Inlet/End Outlet

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation Range	Part	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	dB(A)	Number	3" Hg 40.8" H_2O	2" Hg 27.2" H_2O	1" Hg 13.6" H_2O
2.5 (2)	64 (2)	2.75	70	8.50	216	30.00	762	15-20	M085172	685	559	395
		3.00	76	8.50	216	31.25	794	15-20	M085189[2]	875	714	505
		3 OD	76 OD	8.75	222	30.12	765	19-25	M085267[2,7]	1160	947	670
2.75 (2)	70 (2)	4.00	102	8.2 x 11.5	208 x 292	27.00	686	15-18	M090563	982	802	567



Mufflers in blue text have high temperature black finish and are designed for off-road applications.

Style 3 - Side Inlet/End Outlet

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation Range	Part	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	dB(A)	Number	3" Hg 40.8" H_2O	2" Hg 27.2" H_2O	1" Hg 13.6" H_2O
1.68	43	1.64	42	4.38	111	13.78	350	12-18	M045193	220	180	127
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060481	498	393	283
		2.00	51	6.00	152	18.81	478	15-20	M060158	383	313	221
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065140	780	613	441
		2.50	64	6.62	168	20.89	531	15-20	M065044	564	461	326
3.00	76	3.00	76	8.50	216	19.75	502	12-18	M085409	1125	884	636
		3.00	76	8.80	224	27.12	689	15-20	M085226[1]	808	659	466
3.02	77	3.00	76	8.50	216	26.25	667	15-20	M085090	808	659	466
3.50	89	3.00	76	8.50	216	27.00	686	12-18	M085084	801	654	462
		3.50	89	9.00	229	21.75	552	12-18	M091048	1525	1203	865
		3.50	89	8.3 x 11.5	211 x 292	26.13	664	15-20	M090301	1114	910	643
4.00	102	4.00	102	10.00	254	23.75	603	12-18	M101169	2000	1570	1130
		4.00	102	10.00	254	28.00	711	15-20	M100146	1341	1095	774
		4.00	102	11.00	279	33.00	838	15-20	M110674[6]	1677	1369	968
		4.00	102	11.00	279	36.00	914	19-25	M110479	1608	1313	928
		5.00	127	9.00	229	44.50	1130	15-20	M090823	2329	1902	1345
		5.00	127	11.84	301	32.13	816	12-18	M120598	2264	1848	1307
		5.00	127	10 x 15	254 x 381	21.00	533	12-17	M120566	2205	1800	1273
		3.85 OD	98 OD	10 x 15	254 x 381	15.00	381	12-18	M120382	2265	1849	1307
		Down Spout		11.00	279	36.00	914	13-19	M111024	1702	1390	983
5.00	127	5.00	127	10.00	254	44.50	1130	13-18	M100213	2415	1972	1394
		5.00	127	11.84	301	25.75	654	12-18	M120749	3100	2450	1762
		5.00	127	10 x 15	254 x 381	35.87	911	15-20	M120235	2098	1713	1211

1 - Wrapped muffler (reduces noise and surface temperature)
2 - Stainless Steel
6 - Band clamp on inlet tube
7 - Face flange on inlet

Muffler Selection by Style, Attenuation & Exhaust Flow

Stated backpressure levels include muffler, average tubing lengths, and accessories.

Style 4 - End Inlet/SIde Outlet

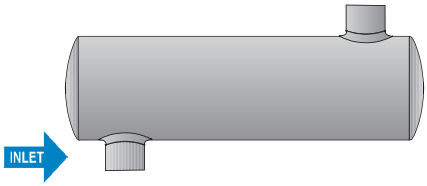
-- Inlet I.D. -- inch	mm	--- Outlet I.D. --- inch	mm	Body Diameter inch	mm	Body Length inch	mm	Attenuation Range dB(A)	Part Number	----- Exhaust Flow (cfm) @ ----- 3" Hg 40.8" H_2O	2" Hg 27.2" H_2O	1" Hg 13.6" H_2O
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060481	498	393	283
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065140	780	613	441
3.00	76	3.00	76	8.50	216	19.75	502	12-18	M085409	1125	884	636
		3.00	76	8.50	216	26.25	667	15-20	M085206	715	583	413
3.50	89	3.50	89	9.00	229	21.75	552	12-18	M091048	1525	1203	865
		4.00	102	8.2 x 11.5	208 x 292	32.56	827	13-18	M090547	1500	1224	866
		4.00 OD	102 OD	8.2 x 11.5	208 x 292	32.56	827	13-18	M090548	1913	1562	1105
4.00	102	4.00	102	10.00	254	23.75	603	12-18	M101169	2000	1570	1130
		4.00	102	10.00	254	27.75	705	13-18	M100052	1679	1371	969
		4.00	102	11.00	279	36.00	914	15-21	M110112	1852	1512	1069
		4.00	102	11.00	279	36.00	914	15-21	M110148	1852	1512	1069
		4.00 OD	102 OD	11.00	279	36.00	914	15-21	M110311	1852	1512	1069
		4.00	102	10 x 15	254 x 381	30.38	772	15-20	M120367	1708	1394	986
		4.00	102	10 x 15	254 x 381	23.88	556	14-19	M120135	2100	1750	1260
4.00 OD	102 OD	4.00 OD	102 OD	11.00	279	36.00	914	15-21	M111025	1976	1613	1141
5.00	127	5.00	127	11.00	279	46.00	1168	15-20	M110014	2462	2010	1421
		5.00	127	11.84	301	25.75	654	12-18	M120749	3100	2450	1762
		5.00	127	10 x 15	254 x 381	28.00	711	12-17	M120417	1895	1570	1130
		5.00	127	10 x 15	254 x 381	36.00	914	15-20	M120366	2400	1960	1386

Mufflers in blue text have high temperature black finish and are designed for off-road applications.

Style 5 - Inlet & Outlet on Same End

-- Inlet I.D. -- inch	mm	--- Outlet I.D. --- inch	mm	Body Diameter inch	mm	Body Length inch	mm	Attenuation Range dB(A)	Part Number	----- Exhaust Flow (cfm) @ ----- 3" Hg 40.8" H_2O	2" Hg 27.2" H_2O	1" Hg 13.6" H_2O
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060482	498	393	283
		2.00	51	6.00	152	16.90	429	15-20	M060250	513	419	296
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065141	780	613	441
		2.50	64	6.62	168	20.00	508	15-20	M065073	718	586	414
3.00	76	3.00	76	8.50	216	22.00	559	15-20	M085207	1087	888	628
		3.00	76	8.50	216	19.75	502	12-18	M085410	1125	884	636
3.50	89	3.50	89	9.00	229	21.75	552	12-18	M091049	1525	1203	865
4.00	102	4.00	102	10.00	254	23.75	603	12-18	M101170	2000	1570	1130
		4.00	102	10.00	254	27.75	705	15-20	M100049	1450	1184	837
		4.00	102	10 x 15	254 x 381	26.00	660	18-20	M120154	1390	1135	803
		5.00	127	10 x 15	254 x 381	27.00	686	15-20	M120713	2069	1689	1159
5.00	127	5.00	127	10 x 15	254 x 381	26.25	667	15-20	M120176	2046	1670	1181
		5.00	127	10 x 15	254 x 381	26.00	660	8-12	M120131	2913	2378	1682
		5.00	127	10 x 15	254 x 381	33.38	848	19-25	M120189	2050	1674	1184
		5.00	127	10 x 15	254 x 381	44.00	1118	13-18	M120450	2679	2188	1547
		5.00	127	11.84	301	25.75	654	12-18	M120750	3100	2450	1762

Muffler Selection by Style, Attenuation & Exhaust Flow



Stated backpressure levels include muffler, average tubing lengths, and accessories.

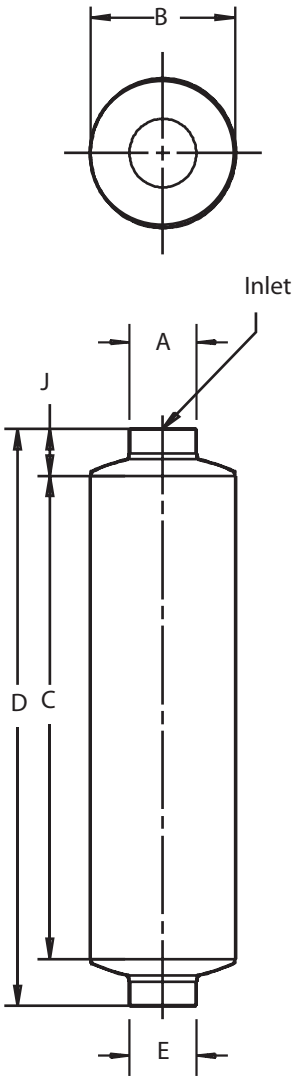
Style 6 - Side Inlet/Side Outlet

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation Range	Part	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	dB(A)	Number	3" Hg 40.8" H_2O	2" Hg 27.2" H_2O	1" Hg 13.6" H_2O
2.00	51	2.00	51	6.00	152	15.50	394	12-18	M060483	498	393	283
		2.00	51	6.00	152	18.81	478	12-18	M060251	487	398	281
2.50	64	2.50	64	6.62	168	17.50	444	12-18	M065142	780	613	441
		2.50	64	6.62	168	20.81	529	15-20	M065074	692	565	400
3.00	76	3.00	76	8.50	216	19.50	495	12-18	M085411	1125	884	636
		3.00	76	8.50	216	27.00	686	15-20	M085208	1043	651	602
3.50	89	3.50	89	8.3 x 11.5	211 x 292	26.00	660	15-20	M090598	1164	950	672
		3.50	89	9.00	229	21.50	546	12-18	M091050	1525	1203	865
4.00	102	4.00	102	10.00	254	23.50	597	12-18	M101171	2000	1570	1130
		4.00	102	10.12	257	28.00	711	15-20	M100572	1659	1355	958
		4 OD	102 OD	11.00	279	36.00	914	13-19	M111026	1887	1541	1090
5.00	127	5.00	127	11.84	301	25.50	648	12-18	M120751	3100	2450	1762
		5.00	127	10 x 15	254 x 381	28.00	711	15-20	M120418	2350	1919	1357

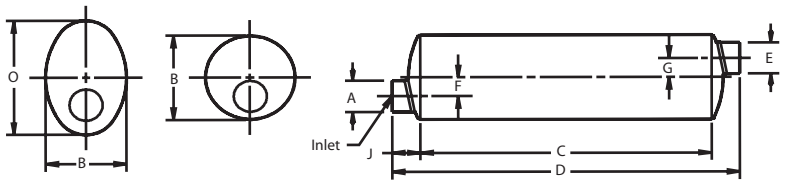
Mufflers in blue text have high temperature black finish and are designed for off-road applications.

Choose the desired inlet diameter for the engine's air flow requirement that is at or below the acceptable backpressure level.

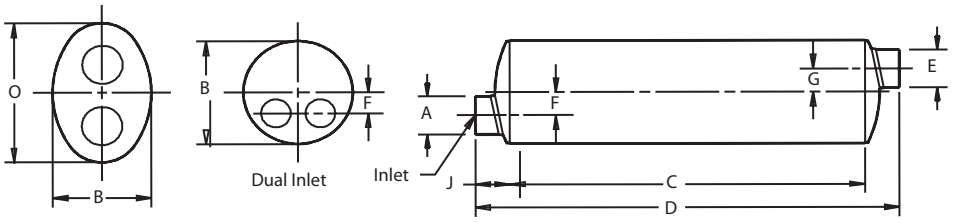
Style 1 - End Inlet /End Outlet /On Center



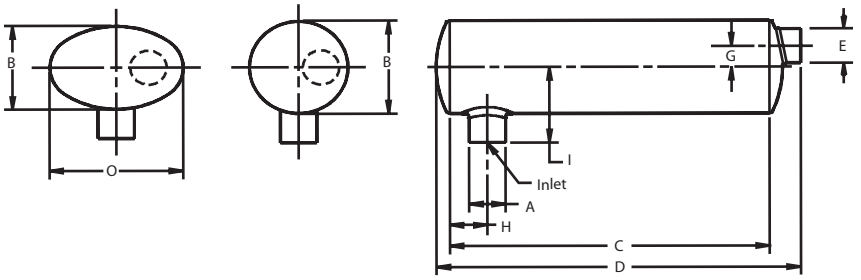
Style 2 - End Inlet /End Outlet /Offset



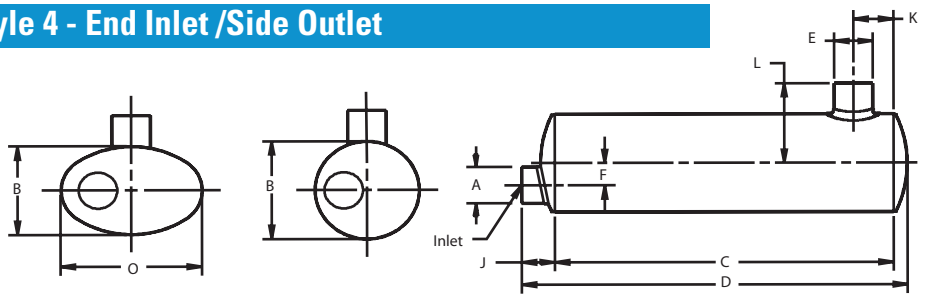
Style 2A - Dual End Inlet /End Outlet



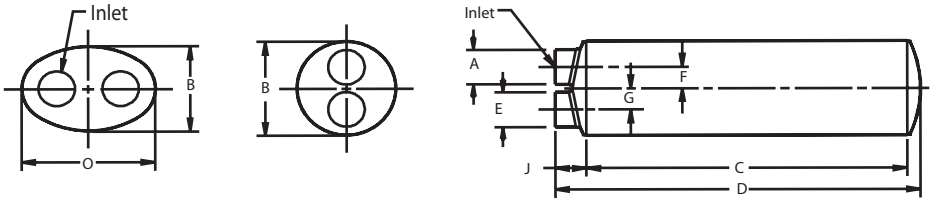
Style 3 - Side Inlet /End Outlet



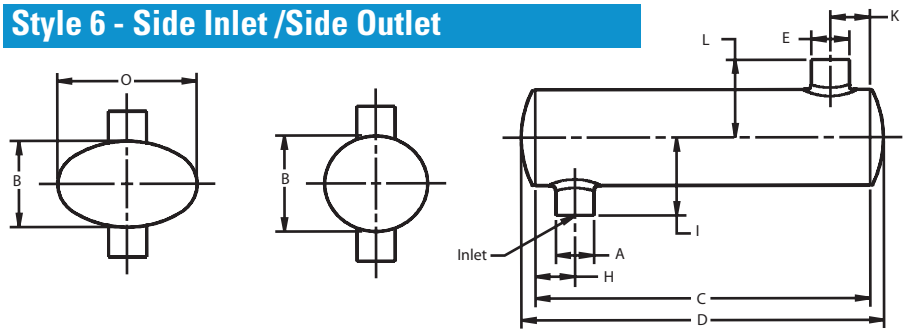
Style 4 - End Inlet /Side Outlet



Style 5 - Inlet & Outlet on Same End



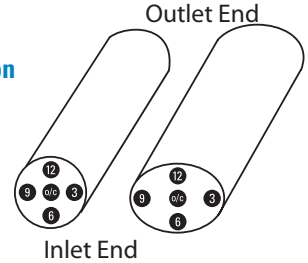
Style 6 - Side Inlet /Side Outlet



Muffler Specifications by Part Number

Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
M045193	3	1.68 43	4.38 111	13.78 350	15.78 401	1.64 42			2.75 70	4.00 102				12:00		4 2
M045237	1	2.00 51	4.38 111	12.50 318	17.00 432	2.10 OD 53 OD					2.50 64					4 2
M060005	1	2.5 NPT	6.00 152	15.00 381	18.12 460	2.5NPT					1.56 40					9 4
M060055	2	2.00 51	6.00 152	16.90 429	21.90 556	2.00 51	1.50 38	1.50 38			2.50 64			6:00	12:00	7 3
M060158	3	2.00 51	6.00 152	18.81 478	21.50 546	2.00 51		1.50 38	3.50 89	5.00 127				3:00	6:00	9 4
M060232	2	2.00 51	6.00 152	24.00 610	29.00 737	2.00 51	1.50 38	1.50 38			2.50 64			6:00	12:00	9 4
M060247	1	2 NPT	6.00 152	14.50 368	20.00 508	2 NPT					2.75 70					7 3
M060250	5	2.00 51	6.00 152	16.90 429	19.40 493	2.00 51	1.50 38	1.50 38			2.50 64			6:00	12:00	8 4
M060251	6	2.00 51	6.00 152	18.81 478	18.81 478	2.00 51			3.50 89	5.00 127		3.50 89	5.00 127	6:00	12:00	8 4
M060479[8]	1	2.00 51	6.00 152	15.75 400	21.00 533	2.00 51					2.62 67					7.6 3.4
M060480[8]	2	2.00 51	6.00 152	15.75 400	21.00 533	2.00 51	1.50 38	1.50 38			2.62 67			6:00	12:00	7.6 3.4
M060481[9]	3/4	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51			1.88 48	5.00 127				6:00		7.6 3.4
M060482[8]	5	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51	1.50 38	1.50 38			2.62 67					8.4 3.8
M060483[8]	6	2.00 51	6.00 152	15.50 394	17.24 438	2.00 51			1.75 44	5.00 127		1.75 44	5.00 127	6:00	12:00	7.4 3.4
M065034	2	2.50 64	6.62 168	18.56 471	23.00 584	2.50 64	1.62 41	1.62 41			1.50 38			6:00	12:00	9 4
M065044	3	2.50 64	6.62 168	20.89 531	23.50 597	2.50 64		1.62 41	3.50 89	6.00 152				6:00	9:00	12 5
M065065	2	2.50 64	6.62 168	27.75 705	35.00 889	2.50 64	1.62 41	1.62 41			3.50 89			6:00	12:00	13 6
M065071	1	2.50 64	6.62 168	15.00 381	22.00 559	2.60 OD 66 OD					3.50 89					7 3
M065073	5	2.50 64	6.62 168	20.00 508	21.50 546	2.50 64	1.62 41	1.62 41			1.50 38			6:00	12:00	10 5
M065074	6	2.50 64	6.62 168	20.81 529	20.81 529	2.50 64			3.50 89	6.00 152		3.50 89	6.00 152	6:00	12:00	10 5
M065138[8]	1	2.50 64	6.62 168	17.75 451	24.00 610	2.50 64					3.12 79					9.8 4.5
M065139[8]	2	2.50 64	6.62 168	17.75 451	24.00 610	2.50 64	1.62 41	1.62 41			3.12 79			6:00	12:00	9.8 4.5
M065140[9]	3/4	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64			2.38 60	5.75 146				6:00		10 4.5
M065141[8]	5	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64	1.63 41	1.63 41			3.12 79			6:00	12:00	10.6 4.8
M065142[8]	6	2.50 64	6.62 168	17.50 444	19.84 504	2.50 64			2.50 64	5.75 146		2.25 57	5.75 146	6:00	12:00	9.4 4.2

Clock Position



Footnotes

1 Wrapped muffler (reduces noise and surface temperature)
2 Stainless Steel
3 Silent Partner™ Muffler -Aluminized
4 Silent Partner™ Muffler -Stainless Steel
5 Resonator
6 Band clamp on inlet tube
7 Face flange on inlet
8 Made for off-road use
9 Made for off-road use, flows in either direction

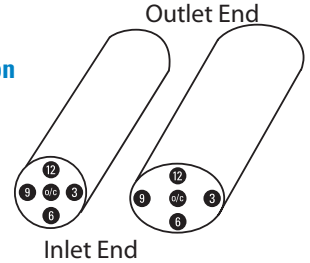
Muffler Specifications by Part Number

Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
M070008	1	3 NPT	7.00 178	14.00 356	19.75 502	3 NPT					2.38 60					13 6
M070028	1	3.50 89	7.00 178	14.00 356	19.75 502	3.50 89					2.38 60					10 5
M070050	1	3.5 NPT	7.00 178	18.38 467	25.62 651	3.5 NPT					3.00 76					18 8
M080018	1	3.00 76	8.00 203	12.18 309	17.00 432	3.13 OD 80 OD					1.38 35					10 5
M085008	2	3.50 89	8.50 216	38.00 965	43.00 1092	3.00 76	1.75 44	2.00 51			2.50 64			6:00	12:00	23 10
M085023	2	3.00 76	8.50 216	31.25 794	36.25 921	3.00 76	2.00 51	2.00 51			2.50 64			6:00	12:00	19 9
M085056	2	3.00 76	8.50 216	20.50 521	25.00 635	3.00 76	2.00 51	2.00 51			1.50 38			6:00	12:00	14 6
M085078	2	3.00 76	8.50 216	27.50 699	32.00 813	3.00 76	2.00 51	2.00 51			1.50 38			6:00	12:00	20 9
M085080	2	3.00 76	8.50 216	27.75 705	33.75 857	3.00 76	2.00 51	2.00 51			3.50 89			6:00	6:00	20 9
M085084	3	3.50 89	8.50 216	27.00 686	29.50 749	3.00 76		2.00 51	4.50 114	7.25 184				3:00	6:00	20 9
M085090	3	3.02 77	8.50 216	26.25 667	29.50 749	3.00 76		2.00 51	3.50 89	6.75 171				3:00	6:00	20 9
M085171	1	4.00 102	8.50 216	34.37 873	40.00 1016	4.00 102					2.50 64					21 10
M085172	2A	2.50 (2) 64 (2)	8.50 216	30.00 762	39.00 991	2.75 70	1.62 (2) 41 (2)	2.00 51			2.50 (2) 64 (2)			6:00(2)	6:00	24 11
M085189[2]	2A	2.50 (2) 64 (2)	8.50 216	31.25 794	36.25 921	3.00 76	1.62 (2) 41 (2)	2.00 51			2.50 (2) 64 (2)			6:00 (2)	12:00	23 10
M085206	4	3.00 76	8.50 216	26.25 667	29.50 749	3.00 76	2.00 51				3.25 83	3.50 89	6.75 171	6:00	9:00	20 9
M085207	5	3.00 76	8.50 216	22.00 559	23.50 597	3.00 76	2.00 51	2.00 51			1.50 38			6:00	12:00	16 7
M085208	6	3.00 76	8.50 216	27.00 686	27.00 686	3.00 76			3.50 89	6.75 171		3.50 89	6.75 171	6:00	12:00	17 8
M085226[1]	3	3.00 76	8.80 224	27.12 689	29.56 751	3.00 76		2.00 51	4.56 116	6.75 171				3:00	6:00	28 13
M085267[1,2]	2A	2.50 (2)[7] 64 (2)[7]	8.75 222	30.12 765	38.97 990	3 OD 76 OD	1.62 (2) 41 (2)	2.00 51			5.72/3.22 146/82			6:00 (2)	12:00	32 15
M085293	1	2.89[7] 73 [7]	8.50 216	31.75 806	46.25 1175	3.16 OD 80 OD										28 12
M085407[8]	1	3.00 76	8.50 216	19.75 502	26.50 673	3.00 76					3.38 86					15.2 7
M085408[8]	2	3.00 76	8.50 216	19.75 502	26.50 673	3.00 76	2.00 51	2.00 51			3.38 86			6:00	12:00	15.2 7
M085409[9]	3/4	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76			2.88 73	6.50 165				6:00		15.4 7
M085410[8]	5	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76	2.00 51	2.00 51			3.38 86			6:00	12:00	17 7.7
M085411[8]	6	3.00 76	8.50 216	19.50 495	21.78 553	3.00 76			3.00 76	6.50 165		3.00 76	6.50 165	6:00	12:00	14.2 6.4
M085421	1	4.00 102	8.50 216	34.37 873	40.00 1016	4.00 102					2.50 64					21 10
M090009	1	4 NPT	9.00 229	20.00 508	26.00 660	4 NPT					3.00 76					23 10
M090072[5]	1	5.00 127	9.00 229	10.00 254	16.50 419	5.00 127					3.00 76					9 4

Muffler Specifications by Part Number

Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position: Inlet	Clock Position: Outlet	Wgt lbs. kg
M090074	1	5.00 127	9.00 229	44.44 1129	51.00 1295	5.00 127					3.00 76					29 13
M090095	1	4.00[7] 102[7]	9.00 229	29.31 744	73.00 1854	4 OD 102 OD										33 15
M090146	1	3.50 89	9.00 229	44.50 1130	51.00 1295	3.50 89					3.00 76					32 15
M090158	2	3.50 89	8.3 x11.5 211 x 292	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00	9:00	24 11
M090159[1]	2	3.00 76	8.5 x11.8 216 x 300	26.00 660	33.75 857	3.00 76	2.50 64	2.50 64			3.88 99			3:00	3:00	29 13
M090170	2	3.00 76	8.3 x11.5 211 x 292	26.00 660	33.75 857	3.00 76	2.50 64	2.50 64			3.88 99			3:00	3:00	20 9
M090210[1]	2	3.50 89	8.5 x11.8 216 x 300	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00	9:00	34 15
M090280	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	32.25 819	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	22 10
M090301	3	3.50 89	8.3 x11.5 211 x 292	26.13 664	29.25 743	3.50 89		2.50 64	3.25 83	7.00 178				6:00	9:00	23 10
M090362[5]	1	4.00 102	9.00 229	10.00 254	16.50 419	4.00 102					3.00 76					9 4
M090520	2	3.50 89	8.2 x11.5 208 x 292	26.00 660	32.25 819	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	21 10
M090534	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	33.75 857	4.00 102	2.50 64	2.50 64			3.88 99			3:00	9:00	26 12
M090535	1	5.00 127	9.00 229	44.44 1129	51.00 1295	5.00 127					3.00 76					30 14
M090538	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00	12:00	26 12
M090544	1	4.00 102	9.00 229	44.44 1129	51.00 1295	4.00 102					3.00 76					27 12
M090547	4	3.50 89	8.2 x11.5 208 x 292	32.56 827	35.16 893	4.00 102	2.50 64				2.60 66	20.48 520	6.00 152	9:00	7:00	22 10
M090548	4	3.50 89	8.2 x11.5 208 x 292	32.56 827	35.16 893	4 OD 102 OD	2.50 64				2.60 66	20.48 520	8.70 221	3:00	7:30	21 10
M090563	2A	2.75 (2) 70 (2)	8.2 x11.5 208 x 292	27.00 686	32.75 832	4.00 102	0.15/4.00 9/102	2.50 64			2.63 (2) 67 (2)			9:00-3:00	3:00	22 10
M090594	1	4.00 102	9.00 229	20.00 508	26.50 673	4.00 102					3.00 76					14 6
M090595	1	5.00 127	9.00 229	20.00 508	26.50 673	5.00 127					3.00 76					15 7
M090598	6	3.50 89	8.3 x11.5 211 x 292	26.00 660	26.00 660	3.50 89			3.38 86	7.00 178		3.38 86	7.00 178	6:00	12:00	20 9
M090680	2	3.50 89	8.2 x11.5 208 x 292	30.00 762	36.25 921	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	25 11
M090781	1	4.00 102	9.00 229	44.44 1129	51.00 1295	5.00 127					3.00 76					30 14
M090823	3	4.00 102	9.00 229	44.50 1130	48.00 1219	5.00 127			3.81 97	6.69 170				6:00		30 13
M091046[8]	1	3.50 89	9.00 229	21.75 552	29.00 737	3.50 89					3.62 89					15.8 7.2

Clock Position



Footnotes

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4 Silent Partner™ Muffler -Stainless Steel
5 Resonator
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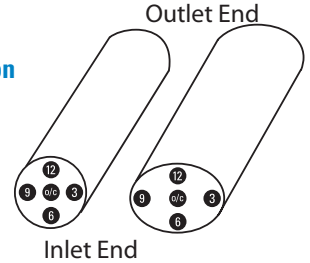
Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
M091047[8]	2	3.50 89	9.00 229	21.75 552	29.00 737	3.50 89	2.10 53	2.10 53			3.62 89			6:00	12:00	15.8 7.2
M091048[9]	3/4	3.50 89	9.00 229	21.75 552	26.38 670	3.50 89			3.38 86	7.25 184				6:00		15.9 7.2
M091049[8]	5	3.50 89	9.00 229	21.75 552	26.44 672	3.50 89	2.10 53	2.10 53			3.62 89			6:00	12:00	17.3 7.9
M091050[8]	6	3.50 89	9.00 229	21.50 546	23.64 600	3.50 89			3.25 83	7.25 184		3.25 83	7.25 184	6:00	12:00	15.1 6.9
M100043	2	4.00 102	10.00 254	35.38 899	41.75 1060	4.00 102	2.44 62	2.44 62			2.88 73			6:00	12:00	32 15
M100048	2	4.00 102	10.00 254	27.12 689	33.50 851	4.00 102	2.44 62	2.44 62			2.88 73			6:00	12:00	27 12
M100049	5	4.00 102	10.00 254	27.75 705	30.62 778	4.00 102	2.44 62	2.44 62			2.88 73			12:00	6:00	23 10
M100052	4	4.00 102	10.00 254	27.75 705	30.75 781	4.00 102	2.44 62				3.00 76	24.25 616	8.75 222	6:00	2:00	25 11
M100146	3	4.00 102	10.00 254	28.00 711	32.00 813	4.00 102		2.44 62	4.50 114	8.00 203				6:00	9:00	27 12
M100213	3	5.00 127	10.00 254	44.50 1130	48.00 1219	5.00 127			5.50 140	7.50 191				6:00		33 15
M100463	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					31 14
M100464[1]	1	4.00 102	10.33 262	44.50 1130	51.00 1295	4.00 102					3.00 76					52 24
M100465	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					28 13
M100466	1	4.00 102	10.00 254	44.44 1129	51.00 1295	4.00 102					3.00 76					27 12
M100572	6	4.00 102	10.12 257	28.00 711	30.62 778	4.00 102			4.50 114	8.00 203		4.50 114	8.00 203	6:00	12:00	22 10
M100580	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					29 13
M100582	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					31 14
M100695	1	4.00 102	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					30 14
M100807	1	5.00 127	10.00 254	59.94 1522	66.50 1689	5.00 127					3.00 76					48 22
M100944	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					32 15
M101158[4]	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					43 20
M101159[4]	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					43 20
M101167[8]	1	4.00 102	10.00 254	23.75 603	32.00 813	4.00 102					4.12 105					19.3 8.8
M101168[8]	2	4.00 102	10.00 254	23.75 603	32.00 813	4.00 102	2.44 62	2.44 62			4.12 105			6:00	12:00	19.3 8.8
M101169[9]	3/4	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102			3.88 99	8.00 203				6:00		19.8 9
M101170[8]	5	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102	2.44 62	2.44 62			4.12 105			6:00	12:00	22 10
M101171[8]	6	4.00 102	10.00 254	23.50 597	26.24 666	4.00 102			3.75 95	8.00 203		3.75 95	8.00 203	6:00	12:00	19.1 8.7
M101181[3]	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					43 20
M101182[3]	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					43 20

Muffler Specifications by Part Number

Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
M101263	1	5.00 127	10.00 254	44.44 1129	53.00 1346	5.00 127					3.00 76					31 14
M110012	2	4.00 102	11.00 279	30.00 762	36.00 914	4.00 102	2.50 64	2.50 64			3.00 76			6:00	12:00	26 12
M110014	4	5.00 127	11.00 279	46.00 1168	51.75 1314	5.00 127	2.50 64				4.25 108	38.50 978	8.50 216	6:00	12:00	45 20
M110077	2	5.00 127	11.00 279	44.00 1118	50.00 1270	5.00 127	2.50 64	2.50 64			3.00 76			6:00	12:00	44 20
M110112	4	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64				3.00 76	15.97 406	8.64 219	6:00	9:00	29 13
M110148	4	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64				3.00 76	17.25 438	8.64 219	6:00	12:00	29 13
M110189	2	4.00 102	11.00 279	36.00 914	41.25 1048	4.00 102	2.50 64	2.50 64			2.63 67			6:00	12:00	34 15
M110311	4	4.00 OD 102	11.00 279	36.00 914	41.00 1041	4.00 102	2.50 64				5.00 127	27.10 688	8.64 219	6:00	12:00	27 12
M110479	3	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102		2.50 64	4.25 108	8.64 219				6:00	3:00	31 14
M110674[6]	3	4.00 102	11.00 279	33.00 838	36.00 914	4.00 102			3.75 95	8.64 219				6:00		27 12
M110849	1	5.00 127	11.00 279	50.50 1283	57.00 1448	5.00 127					3.00 76					48 22
M111024	3	4.00 102	11.00 279	36.00 914	44.59 1133	Down Spout			3.75 95	8.64 219				12:00	6:00	34 15
M111025	4	4 OD 102 OD	11.00 279	36.00 914	41.00 1041	4 OD 102 OD					5.00 127	19.66 499	10.50 267		6:00	27 12
M111026	6	4.00 102	11.00 279	36.00 914	36.00 914	4 OD 102 OD			3.75 95	8.64 219		9.23 234	9.50 241	12:00	9:00	29 13
M111028	2	4 OD 102 OD	11.00 279	36.00 914	44.00 1118	5.00 127		2.50 64			5.00 127				12:00	36 16
M111029	1	3.00 76	11.00 279	36.00 914	42.00 1067	4.00 102					3.00 76					34 15
M120100	2	4.00 102	10 x15 254 x 381	26.00 660	32.50 826	4.00 102	4.25 108	4.25 108			3.25 83			3:00	9:00	30 14
M120108	2	5.00 127	10 x15 254 x 381	26.00 660	32.50 826	5.00 127	3.12 79	3.12 79			3.25 83			3:00	9:00	34 15
M120131	5	5.00 127	10 x15 254 x 381	26.00 660	29.39 747	5.00 127	3.12 79	3.12 79			3.25 83			3:00	9:00	32 15
M120135	4	4.00 102	10 x15 254 x 381	21.88 556	24.75 629	4.00 102	4.25 108				2.88 73	7.25 184	9.80 249	3:00	9:00	25 11
M120154	5	4.00 102	10 x15 254 x 381	26.00 660	28.38 721	4.00 102	4.25 108	4.25 108			2.25 57			3:00	9:00	31 14
M120176	5	5.00 127	10 x15 254 x 381	26.25 667	29.38 746	5.00 127	3.12 79	3.12 79			3.00 76			3:00	9:00	29 13
M120189	5	5.00 127	10 x15 254 x 381	33.38 848	39.50 1003	5.00 127	3.59 91	3.59 91			4.44 113			3:00	9:00	46 21
M120197[1]	2	4.00 102	10.3 x15.3 261 x 389	36.00 914	42.00 1067	4.00 102	4.25 108	0.50 13			3.00 76			3:00	9:00	58 26
M120225	2	5.00 127	10 x15 254 x 381	26.00 660	32.50 826	5.00 127	3.12 79	3.12 79			3.25 86			3:00	9:00	31 14

Clock Position



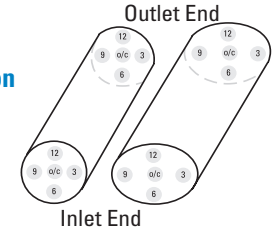
Footnotes

1 Wrapped muffler (reduces noise and surface temperature)
2 Stainless Steel
3 Silent Partner™ Muffler -Aluminized
4 Silent Partner™ Muffler -Stainless Steel
5 Resonator
6 Band clamp on inlet tube
7 Face flange on inlet
8 Made for off-road use
9 Made for off-road use, flows in either direction

Muffler Specifications by Part Number

Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
M120235	3	5.00 127	10 x15 254 x 381	35.87 911	39.87 1013	5.00 127		3.12 79	6.13 153	8.00 203				6:00	9:00	39 18
M120365	2	5.00 127	10 x15 254 x 381	36.00 914	42.50 1080	5.00 127	3.12 79	3.12 79			3.25 83			6:00	12:00	44 20
M120366	4	5.00 127	10 x15 254 x 381	36.00 914	39.25 997	5.00 127	3.12 79				3.12 79	28.38 721	9.50 241	3:00	9:00	48 22
M120367	4	4.00 102	10 x15 254 x 381	30.38 772	34.00 864	4.00 102	4.25 108				3.50 89	22.88 581	10.50 267	3:00	9:00	32 15
M120382	3	4.00 102	10 x15 254 x 381	15.00 381	21.57 548	3.85 OD 98 OD		4.40 112	3.25 83	10.80 274				9:00	9:00	18 8
M120147	4	5.00 127	10 x15 254 x 381	28.00 711	32.00 813	5.00 127	3.12 79				4.00 102	5.00 127	8.00 203	3:00	12:00	32.4 15
M120418	6	5.00 127	10 x15 254 x 381	28.00 711	28.25 718	5.00 127			5.00 127	8.00 203		5.00 127	8.00 203	6:00	12:00	27 12
M120448	2	5.00 127	10 x15 254 x 381	44.00 1118	50.00 1270	5.00 127	3.59 91	3.59 91			3.00 76			3:00	9:00	50 23
M120450	5	5.00 127	10 x15 254 x 381	44.00 1118	47.38 1203	5.00 127	3.59 91	3.59 91			3.25 83			3:00	9:00	46 21
M120566	3	4.00 102	10 x15 254 x 381	21.00 533	25.25 641	5.00 127		4.25 108	3.13 80	10.80 274				3:00	3:00	25 11
M120598	3	4.00 102	11.84 301	32.13 816	35.50 902	5.00 127			4.50 114	11.02 280				6:00		30 14
M120713	5	4.00 102	10 x15 254 x 381	27.00 686	31.13 791	5.00 127	4.40 112	4.25 108			4.00 102			3:00	9:00	31 14
M120747[8]	1	5.00 127	11.84 301	25.75 654	34.00 864	5.00 127					4.12 105					26.7 12
M120748[8]	2	5.00 127	11.84 301	25.75 654	34.00 864	5.00 127	2.81 71	2.81 71			4.12 105			6:00	12:00	26.7 12
M120749[9]	3/4	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127			4.88 124	8.75 222				6:00		27.5 12.5
M120750[8]	5	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127	2.81 71	2.81 71			4.12 105			6:00	12:00	28.7 13
M120751[8]	6	5.00 127	11.84 301	25.50 648	29.14 740	5.00 127			4.75 121	8.75 222		4.75 121	8.75 222	6:00	12:00	26.4 12
M122300	2	6.00 152	10 x15 254 x 381	31.75 806	42.50 1080	6.00 152	3.59 91	3.59 91			5.38 137			3:00	9:00	43 20
M140048	2	6.00 152	12 x18 305 x 457	30.00 762	38.00 965	6.00 152	4.50 114	4.50 114			4.00 102			3:00	9:00	50 23
M170101	2	6.00 152	14 x21 357 x 533	35.00 889	47.00 1194	6.00 152	5.25 133	5.25 133			6.00 152			3:00	9:00	89 40

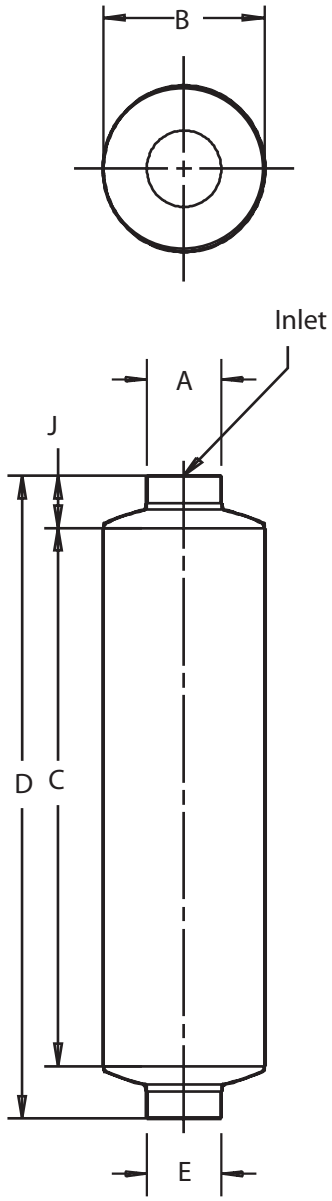
Clock Position



Footnotes

1 Wrapped muffler (reduces noise and surface temperature)
2 Stainless Steel
3 Silent Partner™ Muffler -Aluminized
4 Silent Partner™ Muffler -Stainless Steel
5 Resonator
6 Band clamp on inlet tube
7 Face flange on inlet
8 Made for off-road use
9 Made for off-road use, flows in either direction

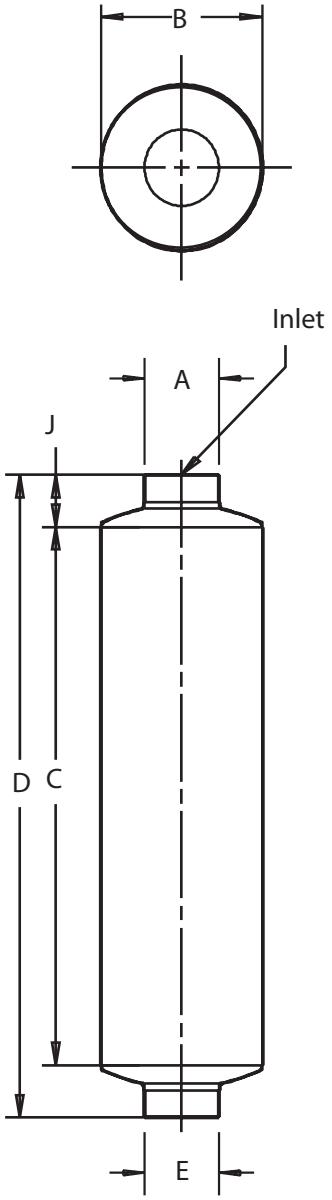
Style 1 - End Inlet /End Outlet /On Center



Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Inlet Tube Length (J)	Wgt lbs. kg
M060247	1	2 NPT	6.00 152	14.50 368	20.00 508	2 NPT	2.75 70	7 3
M060005	1	2.5 NPT	6.00 152	15.00 381	18.12 460	2.5 NPT	1.56 40	9 4
M070008	1	3 NPT	7.00 178	14.00 356	19.75 502	3 NPT	2.38 60	13 6
M070050	1	3.5 NPT	7.00 178	18.38 467	25.62 651	3.5 NPT	3.00 76	18 8
M090009	1	4 NPT	9.00 229	20.00 508	26.00 660	4 NPT	3.00 76	23 10
M045237	1	2.00 51	4.38 111	12.50 318	17.00 432	2.10 OD 53 OD	2.50 64	4 2
M060479[8]	1	2.00 51	6.00 152	15.75 400	21.00 533	2.00 51	2.62 67	7.6 3.4
M065071	1	2.50 64	6.62 168	15.00 381	22.00 559	2.60 OD 66 OD	3.50 89	7 3
M065138[8]	1	2.50 64	6.62 168	17.75 451	24.00 610	2.50 64	3.12 79	9.8 4.5
M085293	1	2.89[7] 73[7]	8.50 216	31.75 806	46.25 1175	3.16 OD 80 OD		28 12
M085407[8]	1	3.00 76	8.50 216	19.75 502	26.50 673	3.00 76	3.38 86	15.2 7
M080018	1	3.00 76	8.00 203	12.18 309	17.00 432	3.13 OD 80 OD	1.38 35	10 5
M111029	1	3.00 76	11.00 279	36.00 914	42.00 1067	4.00 102	3.00 76	34 15
M070028	1	3.50 89	7.00 178	14.00 356	19.75 502	3.50 89	2.38 60	10 5
M090146	1	3.50 89	9.00 229	44.50 1130	51.00 1295	3.50 89	3.00 76	32 15
M091046[8]	1	3.50 89	9.00 229	21.75 552	29.00 737	3.50 89	3.62 89	15.8 7.2
M085171	1	4.00 102	8.50 216	34.37 873	40.00 1016	4.00 102	2.50 64	21 10
M085421	1	4.00 102	8.50 216	34.37 873	40.00 1016	4.00 102	2.50 64	21 10
M090095	1	4.00[7] 102[7]	9.00 229	29.31 744	73.00 1854	4 OD 102 OD		33 15
M090362[5]	1	4.00 102	9.00 229	10.00 254	16.50 419	4.00 102	3.00 76	9 4
M090544	1	4.00 102	9.00 229	44.44 1129	51.00 1295	4.00 102	3.00 76	27 12
M090594	1	4.00 102	9.00 229	20.00 508	26.50 673	4.00 102	3.00 76	14 6
M090781	1	4.00 102	9.00 229	44.44 1129	51.00 1295	5.00 127	3.00 76	30 14
M100464[1]	1	4.00 102	10.33 262	44.50 1130	51.00 1295	4.00 102	3.00 76	52 24
M100466	1	4.00 102	10.00 254	44.44 1129	51.00 1295	4.00 102	3.00 76	27 12
M100695	1	4.00 102	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	30 14
M101167[8]	1	4.00 102	10.00 254	23.75 603	32.00 813	4.00 102	4.12 105	19.3 8.8

Muffler Specifications by Style & Inlet Size

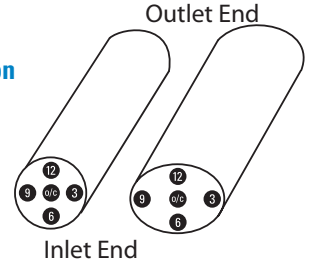
Style 1 - End Inlet /End Outlet /On Center



Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Inlet Tube Length (J)	Wgt lbs. kg
-								
M090072[5]	1	5.00 127	9.00 229	10.00 254	16.50 419	5.00 127	3.00 76	9 4
M090074	1	5.00 127	9.00 229	44.44 1129	51.00 1295	5.00 127	3.00 76	29 13
M090535	1	5.00 127	9.00 229	44.44 1129	51.00 1295	5.00 127	3.00 76	30 14
M090595	1	5.00 127	9.00 229	20.00 508	26.50 673	5.00 127	3.00 76	15 7
M100463	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	31 14
M100465	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	28 13
M100580	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	29 13
M100582	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	31 14
M100807	1	5.00 127	10.00 254	59.94 1522	66.50 1689	5.00 127	3.00 76	48 22
M100944	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	32 15
M101158[4]	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	43 20
M101159[4]	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	43 20
M101181[3]	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	43 20
M101182[3]	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	43 20
M101263	1	5.00 127	10.00 254	44.44 1129	53.00 1346	5.00 127	3.00 76	31 14
M110849	1	5.00 127	11.00 279	50.50 1283	57.00 1448	5.00 127	3.00 76	48 22
M120747[8]	1	5.00 127	11.84 301	25.75 654	34.00 864	5.00 127	4.12 105	26.7 12

Style 2 and 2A on pages 70 and 71

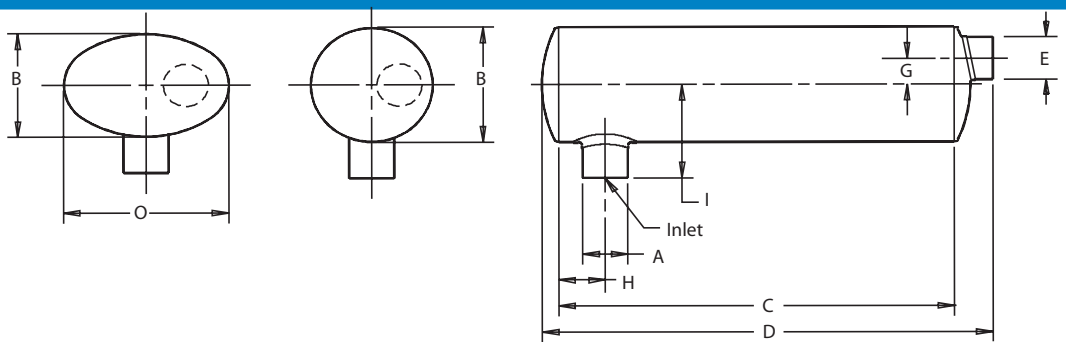
Clock Position



Footnotes

1 Wrapped muffler (reduces noise and surface temperature)
2 Stainless Steel
3 Silent Partner™ Muffler -Aluminized
4 Silent Partner™ Muffler -Stainless Steel
5 Resonator
6 Band clamp on inlet tube
7 Face flange on inlet
8 Made for off-road use
9 Made for off-road use, flows in either direction

Style 3 - Side Inlet /End Outlet

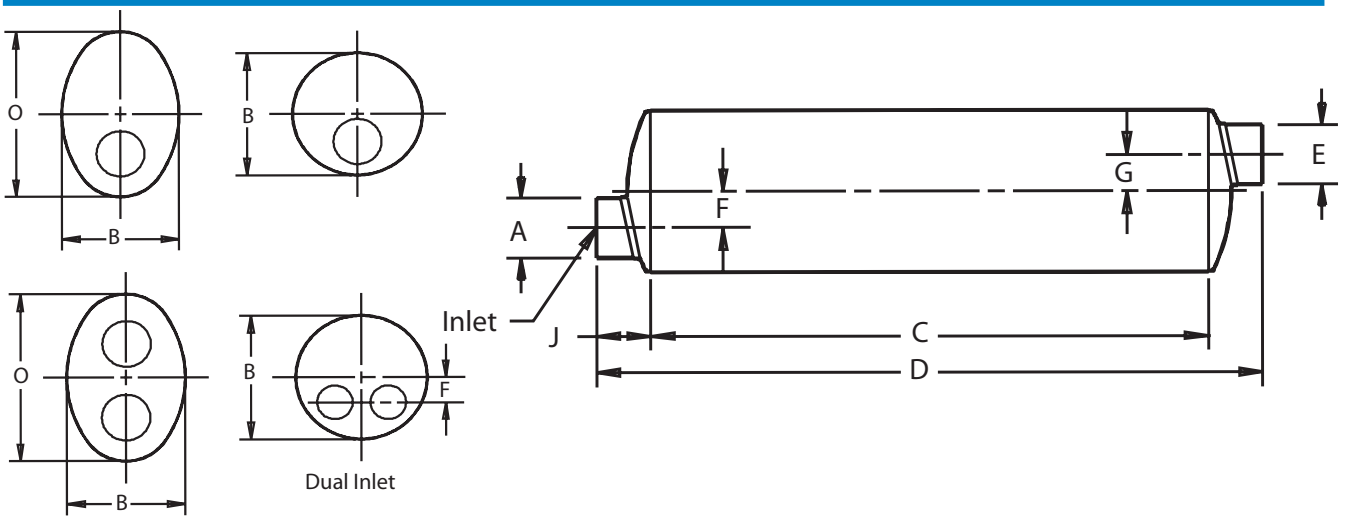


Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
M045193	3	1.68 43	4.38 111	13.78 350	15.78 401	1.64 42			2.75 70	4.00 102				12:00		4 2
M060158	3	2.00 51	6.00 152	18.81 478	21.50 546	2.00 51		1.50 38	3.50 89	5.00 127				3:00	6:00	9 4
M060481[9]	3/4	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51			1.88 48	5.00 127				6:00		7.6 3.4
M065044	3	2.50 64	6.62 168	20.89 531	23.50 597	2.50 64		1.62 41	3.50 89	6.00 152				6:00	9:00	12 5
M065140[9]	3/4	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64			2.38 60	5.75 146				6:00		10 4.5
M085084	3	3.50 89	8.50 216	27.00 686	29.50 749	3.00 76		2.00 51	4.50 114	7.25 184				3:00	6:00	20 9
M085090	3	3.02 77	8.50 216	26.25 667	29.50 749	3.00 76		2.00 51	3.50 89	6.75 171				3:00	6:00	20 9
M085226[1]	3	3.00 76	8.80 224	27.12 689	29.56 751	3.00 76		2.00 51	4.56 116	6.75 171				3:00	6:00	28 13
M085409[9]	3/4	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76			2.88 73	6.50 165				6:00		15.4 7
M090301	3	3.50 89	8.3 x11.5 211 x 292	26.13 664	29.25 743	3.50 89		2.50 64	3.25 83	7.00 178				6:00	9:00	23 10
M090823	3	4.00 102	9.00 229	44.50 1130	48.00 1219	5.00 127			3.81 97	6.69 170				6:00		30 13
M091048[9]	3/4	3.50 89	9.00 229	21.75 552	26.38 670	3.50 89			3.38 86	7.25 184				6:00		15.9 7.2
M100146	3	4.00 102	10.00 254	28.00 711	32.00 813	4.00 102		2.44 62	4.50 114	8.00 203				6:00	9:00	27 12
M100213	3	5.00 127	10.00 254	44.50 1130	48.00 1219	5.00 127			5.50 140	7.50 191				6:00		33 15
M101169[9]	3/4	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102			3.88 99	8.00 203				6:00		19.8 9
M110479	3	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102		2.50 64	4.25 108	8.64 219				6:00	3:00	31 14
M110674[6]	3	4.00 102	11.00 279	33.00 838	36.00 914	4.00 102			3.75 95	8.64 219				6:00		27 12
M111024	3	4.00 102	11.00 279	36.00 914	44.59 1133	Down Spout			3.75 95	8.64 219				12:00	6:00	34 15
M120235	3	5.00 127	10 x15 254 x 381	35.87 911	39.87 1013	5.00 127		3.12 79	6.13 153	8.00 203				6:00	9:00	39 18
M120382	3	4.00 102	10 x15 254 x 381	15.00 381	21.57 548	3.85 OD 98 OD		4.40 112	3.25 83	10.80 274				9:00	9:00	18 8
M120566	3	4.00 102	10 x15 254 x 381	21.00 533	25.25 641	5.00 127		4.25 108	3.13 80	10.80 274				3:00	3:00	25 11
M120598	3	4.00 102	11.84 301	32.13 816	35.50 902	5.00 127			4.50 114	11.02 280				6:00		30 14
M120749[9]	3/4	5.00	11.84	25.75	31.69	5.00			4.88	8.75				6:00		27.5

Muffler Specifications by Style & Inlet Size

Donaldson FILTRATION SOLUTIONS

Style 2 - End Inlet /End Outlet /Offset and Style 2A - Dual End Inlet /End Outlet

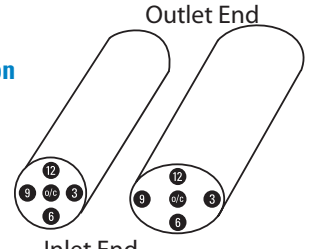


Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position: Inlet	Clock Position: Outlet	Wgt lbs. kg
M060055	2	2.00 51	6.00 152	16.90 429	21.90 556	2.00 51	1.50 38	1.50 38			2.50 64			6:00	12:00	7 3
M060232	2	2.00 51	6.00 152	24.00 610	29.00 737	2.00 51	1.50 38	1.50 38			2.50 64			6:00	12:00	9 4
M060480[8]	2	2.00 51	6.00 152	15.75 400	21.00 533	2.00 51	1.50 38	1.50 38			2.62 67			6:00	12:00	7.6 3.4
M065034	2	2.50 64	6.62 168	18.56 471	23.00 584	2.50 64	1.62 41	1.62 41			1.50 38			6:00	12:00	9 4
M065139[8]	2	2.50 64	6.62 168	17.75 451	24.00 610	2.50 64	1.62 41	1.62 41			3.12 79			6:00	12:00	9.8 4.5
M085172	2A	2.50 (2) 64 (2)	8.50 216	30.00 762	39.00 991	2.75 70	1.62 (2) 41 (2)	2.00 51			2.50 (2) 64 (2)			6:00(2)	6:00	24 11
M085189[2]	2A	2.50 (2) 64 (2)	8.50 216	31.25 794	36.25 921	3.00 76	1.62 (2) 41 (2)	2.00 51			2.50 (2) 64 (2)			6:00 (2)	12:00	23 10
M085267[1,2]	2A	2.50 (2)[7] 64 (2)[7]	8.75 222	30.12 765	38.97 990	3 OD 76 OD	1.62 (2) 41 (2)	2.00 51			5.72/3.22 146/82			6:00 (2)	12:00	32 15
M090563	2A	2.75 (2) 70 (2)	8.2 x11.5 208 x 292	27.00 686	32.75 832	4.00 102	0.15/4.00 9/102	2.50 64			2.63 (2) 67 (2)			9:00-3:00	3:00	22 10
M085023	2	3.00 76	8.50 216	31.25 794	36.25 921	3.00 76	2.00 51	2.00 51			2.50 64			6:00	12:00	19 9
M085056	2	3.00 76	8.50 216	20.50 521	25.00 635	3.00 76	2.00 51	2.00 51			1.50 38			6:00	12:00	14 6
M085078	2	3.00 76	8.50 216	27.50 699	32.00 813	3.00 76	2.00 51	2.00 51			1.50 38			6:00	12:00	20 9
M085080	2	3.00 76	8.50 216	27.75 705	33.75 857	3.00 76	2.00 51	2.00 51			3.50 89			6:00	6:00	20 9
M090159[1]	2	3.00 76	8.5 x11.8 216 x 300	26.00 660	33.75 857	3.00 76	2.50 64	2.50 64			3.88 99			3:00	3:00	29 13
M090170	2	3.00 76	8.3 x11.5 211 x 292	26.00 660	33.75 857	3.00 76	2.50 64	2.50 64			3.88 99			3:00	3:00	20 9
M085408[8]	2	3.00 76	8.50 216	19.75 502	26.50 673	3.00 76	2.00 51	2.00 51			3.38 86			6:00	12:00	15.2 7
M085008	2	3.50 89	8.50 216	38.00 965	43.00 1092	3.00 76	1.75 44	2.00 51			2.50 64			6:00	12:00	23 10
M090158	2	3.50 89	8.3 x11.5 211 x 292	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00	9:00	24 11
M090210[1]	2	3.50 89	8.5 x11.8 216 x 300	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00	9:00	34 15

Muffler Specifications by Style & Inlet Size

Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position: Inlet	Clock Position: Outlet	Wgt lbs. / kg
M090520	2	3.50 89	8.2 x11.5 208 x 292	26.00 660	32.25 819	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	21 10
M090680	2	3.50 89	8.2 x11.5 208 x 292	30.00 762	36.25 921	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	25 11
M091047[8]	2	3.50 89	9.00 229	21.75 552	29.00 737	3.50 89	2.10 53	2.10 53			3.62 89			6:00	12:00	15.8 7.2
M090280	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	32.25 819	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	22 10
M090534	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	33.75 857	4.00 102	2.50 64	2.50 64			3.88 99			3:00	9:00	26 12
M090538	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00	12:00	26 12
M100043	2	4.00 102	10.00 254	35.38 899	41.75 1060	4.00 102	2.44 62	2.44 62			2.88 73			6:00	12:00	32 15
M100048	2	4.00 102	10.00 254	27.12 689	33.50 851	4.00 102	2.44 62	2.44 62			2.88 73			6:00	12:00	27 12
M101168[8]	2	4.00 102	10.00 254	23.75 603	32.00 813	4.00 102	2.44 62	2.44 62			4.12 105			6:00	12:00	19.3 8.8
M110012	2	4.00 102	11.00 279	30.00 762	36.00 914	4.00 102	2.50 64	2.50 64			3.00 76			6:00	12:00	26 12
M110189	2	4.00 102	11.00 279	36.00 914	41.25 1048	4.00 102	2.50 64	2.50 64			2.63 67			6:00	12:00	34 15
M111028	2	4 OD 102 OD	11.00 279	36.00 914	44.00 1118	5.00 127		2.50 64			5.00 127				12:00	36 16
M120100	2	4.00 102	10 x15 254 x 381	26.00 660	32.50 826	4.00 102	4.25 108	4.25 108			3.25 83			3:00	9:00	30 14
M120197[1]	2	4.00 102	10.3 x15.3 261 x 389	36.00 914	42.00 1067	4.00 102	4.25 108	0.50 13			3.00 76			3:00	9:00	58 26
M110077	2	5.00 127	11.00 279	44.00 1118	50.00 1270	5.00 127	2.50 64	2.50 64			3.00 76			6:00	12:00	44 20
M120108	2	5.00 127	10 x15 254 x 381	26.00 660	32.50 826	5.00 127	3.12 79	3.12 79			3.25 83			3:00	9:00	34 15
M120225	2	5.00 127	10 x15 254 x 381	26.00 660	32.50 826	5.00 127	3.12 79	3.12 79			3.25 86			3:00	9:00	31 14
M120365	2	5.00 127	10 x15 254 x 381	36.00 914	42.50 1080	5.00 127	3.12 79	3.12 79			3.25 83			6:00	12:00	44 20
M120448	2	5.00 127	10 x15 254 x 381	44.00 1118	50.00 1270	5.00 127	3.59 91	3.59 91			3.00 76			3:00	9:00	50 23
M120748[8]	2	5.00 127	11.84 301	25.75 654	34.00 864	5.00 127	2.81 71	2.81 71			4.12 105			6:00	12:00	26.7 12
M122300	2	6.00 152	10 x15 254 x 381	31.75 806	42.50 1080	6.00 152	3.59 91	3.59 91			5.38 137			3:00	9:00	43 20
M140048	2	6.00 152	12 x18 305 x 457	30.00 762	38.00 965	6.00 152	4.50 114	4.50 114			4.00 102			3:00	9:00	50 23
M170101	2	6.00 152	14 x21 357 x 533	35.00 889	47.00 1194	6.00 152	5.25 133	5.25 133			6.00 152			3:00	9:00	89 40
M190002	2	8.00 203	16 x24 406 x 607	45.00 1143	57.00 1448	8.00 203	6.00 152	6.00 152			6.00 152			3:00	3:00	124 56

Clock Position

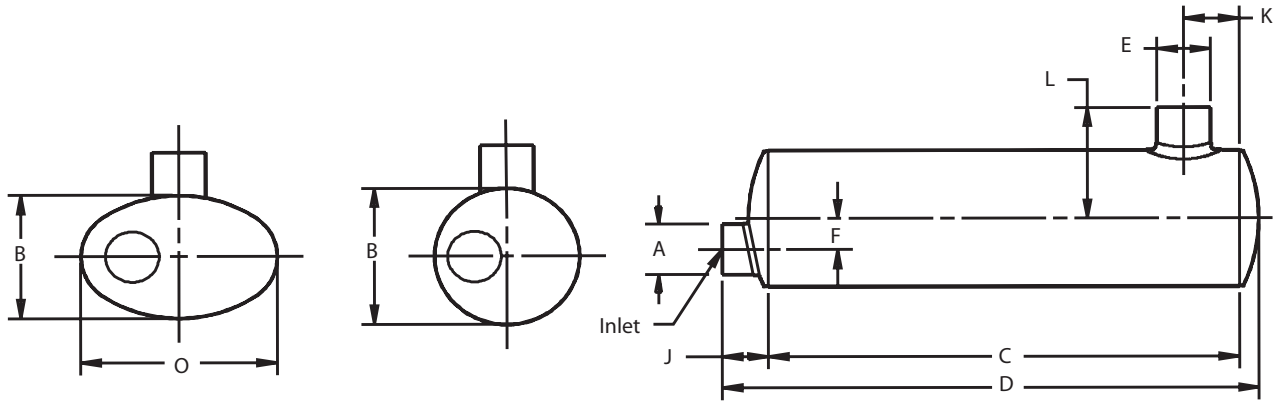


Footnotes

1 Wrapped muffler (reduces noise and surface temperature)
2 Stainless Steel
3 Silent Partner™ Muffler -Aluminized
4 Silent Partner™ Muffler -Stainless Steel
5 Resonator
6 Band clamp on inlet tube
7 Face flange on inlet
8 Made for off-road use
9 Made for off-road use, flows in either direction

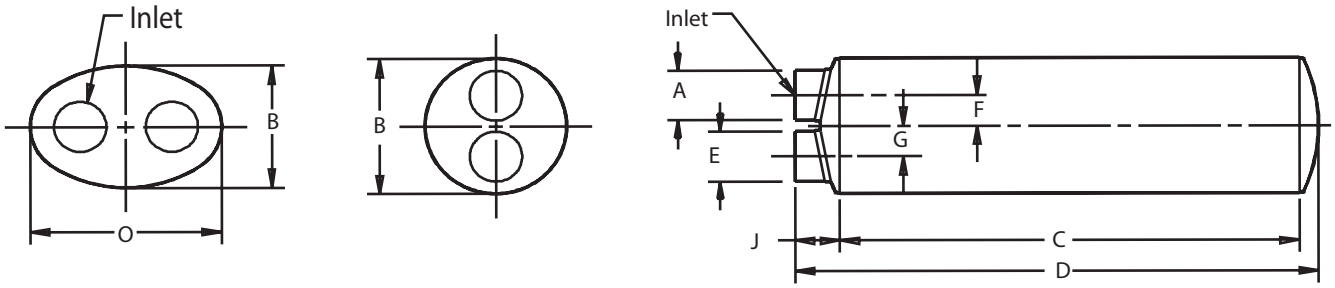
Muffler Specifications by Style & Inlet Size

Style 4 - End Inlet /Side Outlet



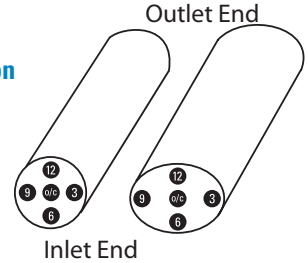
Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position: Inlet	Clock Position: Outlet	Wgt lbs. kg
		127	301	654	805	127			124	222						12.5
M060481[9]	3/4	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51			1.88 48	5.00 127				6:00		7.6 3.4
M065140[9]	3/4	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64			2.38 60	5.75 146				6:00		10 4.5
M085206	4	3.00 76	8.50 216	26.25 667	29.50 749	3.00 76	2.00 51				3.25 83	3.50 89	6.75 171	6:00	9:00	20 9
M085409[9]	3/4	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76			2.88 73	6.50 165				6:00		15.4 7
M090547	4	3.50 89	8.2 x11.5 208 x 292	32.56 827	35.16 893	4.00 102	2.50 64				2.60 66	20.48 520	6.00 152	9:00	7:00	22 10
M090548	4	3.50 89	8.2 x11.5 208 x 292	32.56 827	35.16 893	4 OD 102 OD	2.50 64				2.60 66	20.48 520	8.70 221	3:00	7:30	21 10
M091048[9]	3/4	3.50 89	9.00 229	21.75 552	26.38 670	3.50 89			3.38 86	7.25 184				6:00		15.9 7.2
M100052	4	4.00 102	10.00 254	27.75 705	30.75 781	4.00 102	2.44 62				3.00 76	24.25 616	8.75 222	6:00	2:00	25 11
M101169[9]	3/4	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102			3.88 99	8.00 203				6:00		19.8 9
M110112	4	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64				3.00 76	15.97 406	8.64 219	6:00	9:00	29 13
M110148	4	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64				3.00 76	17.25 438	8.64 219	6:00	12:00	29 13
M120367	4	4.00 102	10 x15 254 x 381	30.38 772	34.00 864	4.00 102	4.25 108				3.50 89	22.88 581	10.50 267	3:00	9:00	32 15
M110311	4	4.00 OD 102	11.00 279	36.00 914	41.00 1041	4.00 102	2.50 64				5.00 127	27.10 688	8.64 219	6:00	12:00	27 12
M111025	4	4 OD 102 OD	11.00 279	36.00 914	41.00 1041	4 OD 102 OD					5.00 127	19.66 499	10.50 267		6:00	27 12
M110014	4	5.00 127	11.00 279	46.00 1168	51.75 1314	5.00 127	2.50 64				4.25 108	38.50 978	8.50 216	6:00	12:00	45 20
M120366	4	5.00 127	10 x15 254 x 381	36.00 914	39.25 997	5.00 127	3.12 79				3.12 79	28.38 721	9.50 241	3:00	9:00	48 22
M120749[9]	3/4	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127			4.88 124	8.75 222				6:00		27.5 12.5

Style 5 - Inlet & Outlet on Same End



Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position: Inlet	Clock Position: Outlet	Wgt lbs. kg
M060250	5	2.00 51	6.00 152	16.90 429	19.40 493	2.00 51	1.50 38	1.50 38			2.50 64			6:00	12:00	8 4
M060482[8]	5	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51	1.50 38	1.50 38			2.62 67					8.4 3.8
M065073	5	2.50 64	6.62 168	20.00 508	21.50 546	2.50 64	1.62 41	1.62 41			1.50 38			6:00	12:00	10 5
M065141[8]	5	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64	1.63 41	1.63 41			3.12 79			6:00	12:00	10.6 4.8
M085207	5	3.00 76	8.50 216	22.00 559	23.50 597	3.00 76	2.00 51	2.00 51			1.50 38			6:00	12:00	16 7
M085410[8]	5	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76	2.00 51	2.00 51			3.38 86			6:00	12:00	17 7.7
M091049[8]	5	3.50 89	9.00 229	21.75 552	26.44 672	3.50 89	2.10 53	2.10 53			3.62 89			6:00	12:00	17.3 7.9
M100049	5	4.00 102	10.00 254	27.75 705	30.62 778	4.00 102	2.44 62	2.44 62			2.88 73			12:00	6:00	23 10
M101170[8]	5	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102	2.44 62	2.44 62			4.12 105			6:00	12:00	22 10
M120154	5	4.00 102	10 x15 254 x 381	26.00 660	28.38 721	4.00 102	4.25 108	4.25 108			2.25 57			3:00	9:00	31 14
M120713	5	4.00 102	10 x15 254 x 381	27.00 686	31.13 791	5.00 127	4.40 112	4.25 108			4.00 102			3:00	9:00	31 14
M120131	5	5.00 127	10 x15 254 x 381	26.00 660	29.39 747	5.00 127	3.12 79	3.12 79			3.25 83			3:00	9:00	32 15
M120176	5	5.00 127	10 x15 254 x 381	26.25 667	29.38 746	5.00 127	3.12 79	3.12 79			3.00 76			3:00	9:00	29 13
M120189	5	5.00 127	10 x15 254 x 381	33.38 848	39.50 1003	5.00 127	3.59 91	3.59 91			4.44 113			3:00	9:00	46 21
M120450	5	5.00 127	10 x15 254 x 381	44.00 1118	47.38 1203	5.00 127	3.59 91	3.59 91			3.25 83			3:00	9:00	46 21
M120750[8]	5	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127	2.81 71	2.81 71			4.12 105			6:00	12:00	28.7 13

Clock Position



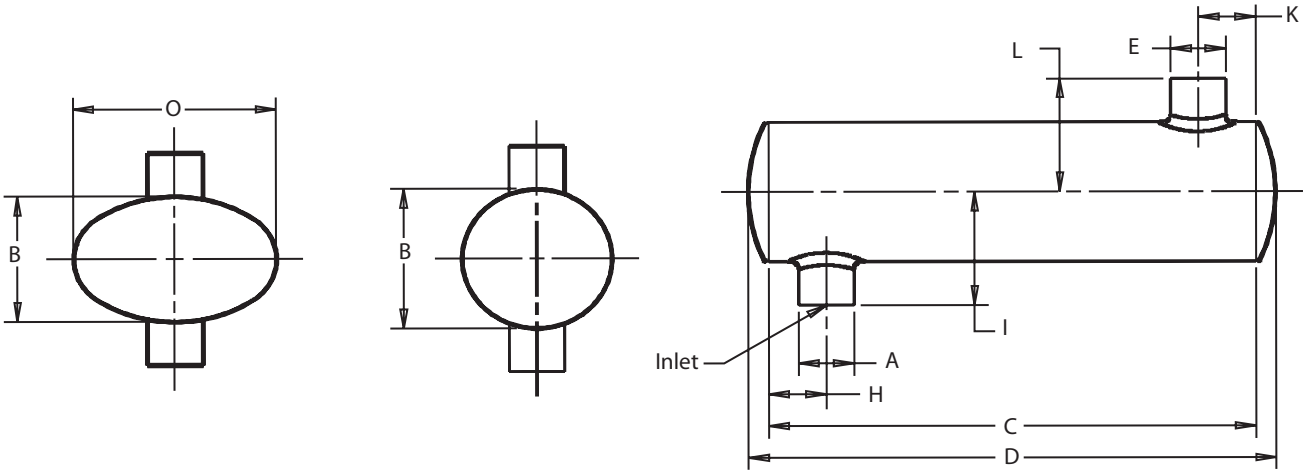
Footnotes

1 Wrapped muffler (reduces noise and surface temperature)
2 Stainless Steel
3 Silent Partner™ Muffler -Aluminized
4 Silent Partner™ Muffler -Stainless Steel
5 Resonator
6 Band clamp on inlet tube
7 Face flange on inlet
8 Made for off-road use
9 Made for off-road use, flows in either direction

Muffler Specifications by Style & Inlet Size

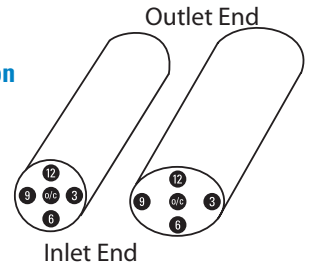
Donaldson FILTRATION SOLUTIONS

Style 6 - Side Inlet /Side Outlet



Part Number	Muffler Style	Body: Inlet I.D. (A)	Body: Dia. (B) or (BxO)	Body: Length (C)	Body: Overall Length (D)	Outlet I.D. (E)	Offset: Inlet (F)	Offset: Outlet (G)	Inlet Tube: Loc. (H)	Inlet Tube: Length (I)	Inlet Tube: Length (J)	Outlet Tube from End Center (K)	Outlet Tube from End Center (L)	Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
M060251	6	2.00 51	6.00 152	18.81 478	18.81 478	2.00 51			3.50 89	5.00 127		3.50 89	5.00 127	6:00	12:00	8 4
M060483[8]	6	2.00 51	6.00 152	15.50 394	17.24 438	2.00 51			1.75 44	5.00 127		1.75 44	5.00 127	6:00	12:00	7.4 3.4
M065074	6	2.50 64	6.62 168	20.81 529	20.81 529	2.50 64			3.50 89	6.00 152		3.50 89	6.00 152	6:00	12:00	10 5
M065142[8]	6	2.50 64	6.62 168	17.50 444	19.84 504	2.50 64			2.50 64	5.75 146		2.25 57	5.75 146	6:00	12:00	9.4 4.2
M085208	6	3.00 76	8.50 216	27.00 686	27.00 686	3.00 76			3.50 89	6.75 171		3.50 89	6.75 171	6:00	12:00	17 8
M085411[8]	6	3.00 76	8.50 216	19.50 495	21.78 553	3.00 76			3.00 76	6.50 165		3.00 76	6.50 165	6:00	12:00	14.2 6.4
M090598	6	3.50 89	8.3 x11.5 211 x 292	26.00 660	26.00 660	3.50 89			3.38 86	7.00 178		3.38 86	7.00 178	6:00	12:00	20 9
M091050[8]	6	3.50 89	9.00 229	21.50 546	23.64 600	3.50 89			3.25 83	7.25 184		3.25 83	7.25 184	6:00	12:00	15.1 6.9
M100572	6	4.00 102	10.12 257	28.00 711	30.62 778	4.00 102			4.50 114	8.00 203		4.50 114	8.00 203	6:00	12:00	22 10
M101171[8]	6	4.00 102	10.00 254	23.50 597	26.24 666	4.00 102			3.75 95	8.00 203		3.75 95	8.00 203	6:00	12:00	19.1 8.7
M111026	6	4.00 102	11.00 279	36.00 914	36.00 914	4 OD 102 OD			3.75 95	8.64 219		9.23 234	9.50 241	12:00	9:00	29 13
M120418	6	5.00 127	10 x15 254 x 381	28.00 711	28.25 718	5.00 127			5.00 127	8.00 203		5.00 127	8.00 203	6:00	12:00	27 12
M120751[8]	6	5.00 127	11.84 301	25.50 648	29.14 740	5.00 127			4.75 121	8.75 222		4.75 121	8.75 222	6:00	12:00	26.4 12

Clock Position



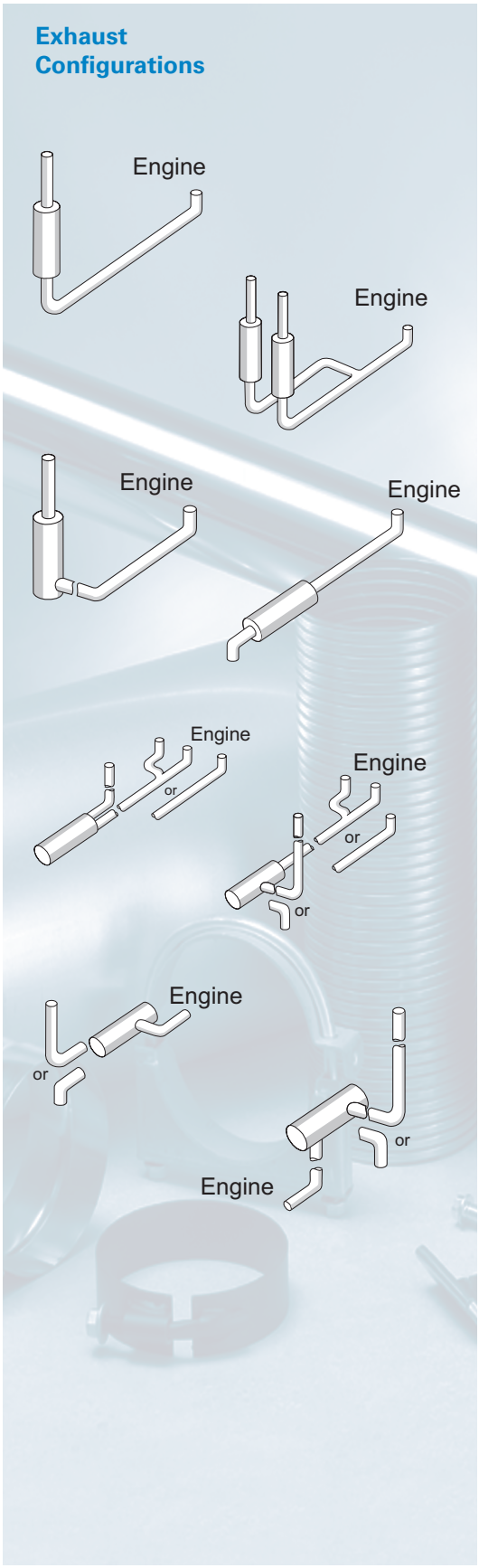
Footnotes

1 Wrapped muffler (reduces noise and surface temperature)
2 Stainless Steel
3 Silent Partner™ Muffler -Aluminized
4 Silent Partner™ Muffler -Stainless Steel
5 Resonator
6 Band clamp on inlet tube
7 Face flange on inlet
8 Made for off-road use
9 Made for off-road use, flows in either direction

Donaldson
FILTRATION SOLUTIONS

TRUCK ENGINE MUFFLER APPLICATION

Exhaust Configurations



Types of Truck Exhaust Systems in this Section

This section will provide you with a series of muffler options for individual truck engines. The information is presented by engine manufacturer, exhaust system configuration, engine model and horsepower rating. Once you locate your engine, you'll be able to select from a variety of muffler sizes. In many cases, there are multiple choices for a particular application. To assist in your selection refer to the notes column.

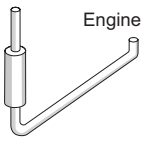
Section Index

Truck Engine Models

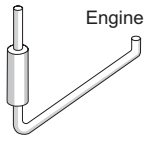
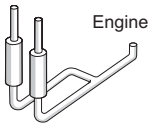
Muffler Selection Word of Caution!

Depending on your location, some diesel engines require the use of an emissions aftertreatment device to meet emissions regulations. In the United States, federal law prohibits the replacement of an emissions device (i.e., catalytic converter, combined catalytic converter/muffler, diesel particulate filter, etc.) with a non-emissions reducing (such as a straight pipe or conventional muffler) or un-approved emissions device. If operating the vehicle outside of the United States, make sure to check with and comply with any emission regulations for your locale.

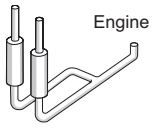
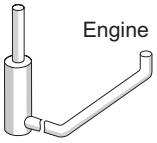
Caterpillar

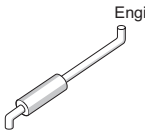


Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style & Part No.	Notes
	3406B	350	4.0	9.0	5.0	102	229	127	2.3	31	1 M090781	
			5.0	9.0	5.0	127	229	127	1.9	26	1 M090074	
			5.0	9.0	5.0	127	229	127	1.0	14	1 M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.0	14	1 M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.1	28	1 M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.2	30	1 M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	32	1 M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.7	24	1 M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.1	29	1 M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.1	29	1 M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.2	30	1 M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.7	24	1 M110849	
	3406B	400	4.0	9.0	5.0	102	229	127	2.8	38	1 M090781	
			5.0	9.0	5.0	127	229	127	2.4	32	1 M090074	
			5.0	9.0	5.0	127	229	127	1.3	17	1 M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.3	17	1 M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.5	34	1 M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.7	36	1 M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.9	39	1 M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	2.1	29	1 M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.6	35	1 M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.6	35	1 M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.7	36	1 M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.1	28	1 M110849	
	3406B	425 to 460	5.0	9.0	5.0	127	229	127	2.5	35	1 M090074	
			5.0	9.0	5.0	127	229	127	1.4	18	1 M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.4	18	1 M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	37	1 M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.9	39	1 M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.3	31	1 M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.8	38	1 M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.8	38	1 M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.9	39	1 M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.3	31	1 M110849	
	C-12	335 to 355	4.0	9.0	5.0	102	229	127	1.9	25	1 M090781	
			5.0	9.0	5.0	127	229	127	1.6	21	1 M090074	
			5.0	9.0	5.0	127	229	127	0.8	11	1 M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.8	11	1 M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.7	23	1 M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.8	24	1 M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.9	26	1 M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.4	19	1 M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.7	23	1 M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.7	23	1 M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.8	24	1 M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.4	19	1 M110849	
	C-12	380	5.0	9.0	5.0	127	229	127	1.6	22	1 M090074	
			5.0	9.0	5.0	127	229	127	0.9	12	1 M090535	Low backpressure, off-hwy
			4.0	9.0	5.0	102	229	127	1.9	26	1 M090781	
			5.0	10.0	5.0	127	254	127	0.9	12	1 M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.7	24	1 M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.8	25	1 M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.0	27	1 M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.5	20	1 M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.8	24	1 M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.8	24	1 M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.8	25	1 M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.5	20	1 M110849	
	C-12	395 to 430	4.0	9.0	5.0	102	229	127	2.1	28	1 M090781	
			5.0	9.0	5.0	127	229	127	1.8	24	1 M090074	
			5.0	9.0	5.0	127	229	127	0.9	13	1 M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.9	13	1 M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.9	25	1 M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.0	27	1 M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.1	29	1 M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.6	21	1 M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.9	26	1 M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.9	26	1 M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.0	27	1 M101263	Freightliner only

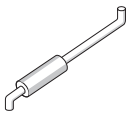
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Muffler Part No.	Notes
 Engine			5.0	11.0	5.0	127	279	127	1.6	21	1	M110849	
	C-15	355	4.0	9.0	5.0	102	229	127	2.3	32	1	M090781	
			5.0	9.0	5.0	127	229	127	2.0	27	1	M090074	
			5.0	9.0	5.0	127	229	127	1.1	14	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	14	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.1	29	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	33	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.8	24	1	M110849	
	C-15	375 to 435	5.0	9.0	5.0	127	229	127	1.4	20	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.4	20	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	39	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	33	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.4	33	1	M110849	
	C-15	455 to 500	5.0	9.0	5.0	127	229	127	1.7	23	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.7	23	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.8	38	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.8	38	1	M110849	
	C-16	575	5.0	9.0	5.0	127	229	127	1.8	24	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.9	40	1	M110849	
	C-16	600	5.0	9.0	5.0	127	229	127	1.8	25	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100463	Low backpressure, off-hwy
	3406E	355 to 435	4.0	9.0	5.0	102	229	127	3.0	40	1	M090781	
			5.0	9.0	5.0	127	229	127	2.5	34	1	M090074	
			5.0	9.0	5.0	127	229	127	1.3	18	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	36	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.8	38	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.7	37	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.7	37	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.8	38	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.2	30	1	M110849	
	3406E	455 to 500	5.0	9.0	5.0	127	229	127	1.7	23	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.7	23	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.8	38	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.8	38	1	M110849	
	3406E	575	5.0	9.0	5.0	127	229	127	1.8	25	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100463	Low backpressure, off-hwy
	3406E	600	5.0	9.0	5.0	127	229	127	1.8	25	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100463	Low backpressure, off-hwy
 Engine	3406B	350 to 400	4.0	9.0	4.0	102	229	102	1.2	16	1	M090544	
			4.0	10.0	4.0	102	254	102	1.2	17	1	M100466	
			4.0	10.0	5.0	102	254	127	2.0	27	1	M100695	
			4.0	10.3	4.0	102	262	102	2.3	31	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.5	20	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.5	20	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.5	20	1	M101182	Silent Partner Aluminized
	3406B	425 to 460	4.0	9.0	4.0	102	229	102	1.3	18	1	M090544	
			4.0	10.0	4.0	102	254	102	1.4	19	1	M100466	
			4.0	10.0	5.0	102	254	127	2.2	30	1	M100695	
			4.0	10.3	4.0	102	262	102	2.6	35	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.7	23	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.7	23	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.7	23	1	M101182	Silent Partner Aluminized
	C-12	335 to 355	4.0	9.0	4.0	102	229	102	0.8	10	1	M090544	
			4.0	10.0	4.0	102	254	102	0.8	11	1	M100466	
			4.0	10.0	5.0	102	254	127	1.3	18	1	M100695	

Truck Engine Muffler Application

Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
			4.0	10.3	4.0	102	262	102	1.5	21	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.0	14	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.0	14	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.0	14	1	M101182	Silent Partner Aluminized
	C-12	380 to 430	4.0	9.0	4.0	102	229	102	0.9	12	1	M090544	
			4.0	10.0	4.0	102	254	102	0.9	12	1	M100466	
			4.0	10.0	5.0	102	254	127	1.5	20	1	M100695	
			4.0	10.3	4.0	102	262	102	1.7	23	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.1	15	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.1	15	1	M101182	Silent Partner Aluminized
	C-15	355	4.0	9.0	4.0	102	229	102	1.0	13	1	M090544	
			4.0	10.0	4.0	102	254	102	1.0	14	1	M100466	
			4.0	10.0	5.0	102	254	127	1.6	22	1	M100695	
			4.0	10.3	4.0	102	262	102	1.9	26	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.3	17	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.3	17	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.3	17	1	M101182	Silent Partner Aluminized
	C-15	375 to 435	4.0	9.0	4.0	102	229	102	1.3	18	1	M090544	
			4.0	10.0	4.0	102	254	102	1.4	19	1	M100466	
			4.0	10.0	5.0	102	254	127	2.2	30	1	M100695	
			5.0	10.0	5.0	127	254	127	1.7	23	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.7	23	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.7	23	1	M101182	Silent Partner Aluminized
	C-15	455 to 500	4.0	9.0	4.0	102	229	102	1.5	21	1	M090544	
			4.0	10.0	4.0	102	254	102	1.6	22	1	M100466	
			4.0	10.0	5.0	102	254	127	2.6	35	1	M100695	
			5.0	10.0	5.0	127	254	127	2.0	27	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.0	27	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.0	27	1	M101182	Silent Partner Aluminized
	C-16	575 to 600	4.0	9.0	4.0	102	229	102	1.7	23	1	M090544	
			4.0	10.0	4.0	102	254	102	1.8	24	1	M100466	
			4.0	10.0	5.0	102	254	127	2.8	38	1	M100695	
			5.0	10.0	5.0	127	254	127	2.2	29	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.2	29	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	29	1	M101182	Silent Partner Aluminized
	3406E	355 to 435	4.0	9.0	4.0	102	229	102	1.4	19	1	M090544	
			4.0	10.0	4.0	102	254	102	1.4	20	1	M100466	
			4.0	10.0	5.0	102	254	127	2.3	31	1	M100695	
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101182	Silent Partner Aluminized
	3406E	455 to 475	4.0	9.0	4.0	102	229	102	1.5	20	1	M090544	
			4.0	10.0	4.0	102	254	102	1.6	21	1	M100466	
			4.0	10.0	5.0	102	254	127	2.5	34	1	M100695	
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.9	26	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.9	26	1	M101182	Silent Partner Aluminized
	3406E	500 to 600	4.0	9.0	4.0	102	229	102	1.7	23	1	M090544	
			4.0	10.0	4.0	102	254	102	1.8	24	1	M100466	
			4.0	10.0	5.0	102	254	127	2.8	38	1	M100695	
			5.0	10.0	5.0	127	254	127	2.2	29	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.2	29	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	29	1	M101182	Silent Partner Aluminized
	3116	170 to 185	4.0	9.0	5.0	102	229	127	1.1	15	3	M090823	
			4.0	10.0	5.0	102	254	127	2.4	33	3	M100567	
			4.0	11.8	5.0	102	300	127	1.2	16	3	M120598	
			5.0	10.0	5.0	127	254	127	1.1	14	3	M100213	
	3116	200 to 275	4.0	9.0	5.0	102	229	127	1.6	22	3	M090823	
			4.0	11.8	5.0	102	300	127	1.7	23	3	M120598	
			5.0	10.0	5.0	127	254	127	1.5	21	3	M100213	
	3116	300	4.0	9.0	5.0	102	229	127	2.4	33	3	M090823	
			4.0	11.8	5.0	102	300	127	2.6	35	3	M120598	
			5.0	10.0	5.0	127	254	127	2.3	31	3	M100213	
	3176	365	4.0	9.0	5.0	102	229	127	2.0	28	3	M090823	
			4.0	11.8	5.0	102	300	127	2.2	29	3	M120598	
			5.0	10.0	5.0	127	254	127	1.9	26	3	M100213	
	3176	275 to 300	4.0	9.0	5.0	102	229	127	1.6	21	3	M090823	

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
			4.0	11.8	5.0	102	300	127	1.6	22	3	M120598	
			5.0	10.0	5.0	127	254	127	1.5	20	3	M100213	
	3176	350	4.0	9.0	5.0	102	229	127	2.0	27	3	M090823	
			4.0	11.8	5.0	102	300	127	2.1	28	3	M120598	
			5.0	10.0	5.0	127	254	127	1.8	25	3	M100213	
	3306	300	4.0	9.0	5.0	102	229	127	2.1	28	3	M090823	
			4.0	11.8	5.0	102	300	127	2.2	30	3	M120598	
			5.0	10.0	5.0	127	254	127	1.9	26	3	M100213	
	3306B	245	4.0	9.0	5.0	102	229	127	1.5	20	3	M090823	
			4.0	11.8	5.0	102	300	127	1.5	21	3	M120598	
			5.0	10.0	5.0	127	254	127	1.4	18	3	M100213	
	3306B	285 to 300	4.0	9.0	5.0	102	229	127	2.0	27	3	M090823	
			4.0	11.8	5.0	102	300	127	2.1	28	3	M120598	
			5.0	10.0	5.0	127	254	127	1.8	25	3	M100213	
	3406B	Mutli-Torque 300 to 310	4.0	9.0	5.0	102	229	127	2.4	32	3	M090823	
			4.0	11.8	5.0	102	300	127	2.5	34	3	M120598	
			5.0	10.0	5.0	127	254	127	2.2	30	3	M100213	
	3406B	330	4.0	9.0	5.0	102	229	127	2.8	38	3	M090823	
			4.0	11.8	5.0	102	300	127	2.9	40	3	M120598	
			5.0	10.0	5.0	127	254	127	2.6	35	3	M100213	
	3126B	175 to 230	4.0	9.0	5.0	102	229	127	1.3	18	3	M090823	
			4.0	11.8	5.0	102	300	127	1.4	19	3	M120598	
			5.0	10.0	5.0	127	254	127	1.2	17	3	M100213	
	3126B	250	4.0	9.0	5.0	102	229	127	1.6	22	3	M090823	
			4.0	11.8	5.0	102	300	127	1.7	23	3	M120598	
			5.0	10.0	5.0	127	254	127	1.5	20	3	M100213	
	3126B	275 to 300	4.0	9.0	5.0	102	229	127	1.7	23	3	M090823	
			4.0	11.8	5.0	102	300	127	1.8	25	3	M120598	
			5.0	10.0	5.0	127	254	127	1.6	22	3	M100213	
	3126B	330	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823	
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598	
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213	
	C-10	305 to 370	4.0	9.0	5.0	102	229	127	2.3	31	3	M090823	
			4.0	11.8	5.0	102	300	127	2.4	32	3	M120598	
			5.0	10.0	5.0	127	254	127	2.1	29	3	M100213	
	C-12	335 to 355	4.0	9.0	5.0	102	229	127	2.5	33	3	M090823	
			4.0	11.8	5.0	102	300	127	2.6	35	3	M120598	
			5.0	10.0	5.0	127	254	127	2.3	31	3	M100213	
	C-12	380 to 430	4.0	9.0	5.0	102	229	127	2.6	36	3	M090823	
			4.0	11.8	5.0	102	300	127	2.8	38	3	M120598	
			5.0	10.0	5.0	127	254	127	2.5	34	3	M100213	
	C-15	355	4.0	9.0	5.0	102	229	127	3.0	40	3	M090823	
			5.0	10.0	5.0	127	254	127	2.9	39	3	M100213	
 Engine	3116	170-185	3.0	11.0	4.0	76	279	102	1.3	17	1	M111029	OE replacement
			3.5	8x11.5	4.0	89	203x292	102	2.0	27	2	M090680	OE replacement
			4.0	10.0	4.0	102	254	102	2.0	28	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.0	27	2	M110012	
			4.0	11.0	4.0	102	279	102	1.8	24	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.1	15	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.5	20	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.0	27	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.8	10	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120448	OE replacement
	3116	200-275	3.0	11.0	4.0	76	279	102	1.8	25	1	M111029	OE replacement
			3.5	8x11.5	4.0	89	203x292	102	2.9	39	2	M090680	OE replacement
			4.0	10.0	4.0	102	254	102	2.9	40	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.9	39	2	M110012	
			4.0	11.0	4.0	102	279	102	2.6	35	2	M111028	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.6	35	2	M110189	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.2	30	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.9	39	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090534	Aftermarket, shorter than OE

Engine



Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120448	OE replacement
	3116	300	3.0	11.0	4.0	76	279	102	2.7	37	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.3	31	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	35	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.6	36	2	M120448	OE replacement
	3176	275 to 300	4.0	10.0	4.0	102	254	102	2.7	37	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.6	36	2	M110012	
			4.0	11.0	4.0	102	279	102	2.4	32	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.7	36	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	13	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement
	3176	350 to 365	4.0	10x15	4.0	102	254x381	102	2.6	36	2	M120100	Aftermarket, shorter than OE
			4.0	11.0	5.0	102	279	127	1.8	25	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	17	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.1	14	2	M122300	For off-hwy, shorter than OE
	3306	300	3.0	11.0	4.0	76	279	102	2.2	30	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	1.8	25	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.6	36	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	17	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	28	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120448	OE replacement
	3306B	245	4.0	10.0	4.0	102	254	102	2.5	35	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.5	34	2	M110012	
			4.0	11.0	4.0	102	279	102	2.2	30	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.3	18	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.9	25	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.3	32	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.9	12	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	20	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120448	OE replacement
	3306B	285 to 300	4.0	11.0	5.0	102	279	127	1.8	24	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.5	34	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120448	OE replacement
	3406B	Multi-Torque 300-310	4.0	11.0	5.0	102	279	127	2.1	29	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.4	32	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120448	OE replacement
	3406B	330	3.0	11.0	4.0	76	279	102	3.0	40	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.5	34	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.6	36	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.8	38	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.9	39	2	M120448	OE replacement
	3406B	350	4.0	11.0	5.0	102	279	127	2.7	37	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE

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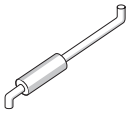

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
	3406B	400 to 460	5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120225	For off-hwy, shorter than OE
	3126B	175	3.0	11.0	4.0	76	279	102	1.2	17	1	M111029	OE replacement
			4.0	8.3x11.5	4.0	102	211x292	102	2.0	27	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090534	Aftermarket, shorter than OE
			4.0	10.0	4.0	102	254	102	2.1	28	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.0	27	2	M110012	
			4.0	11.0	4.0	102	279	102	1.8	25	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.0	14	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.5	20	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120448	OE replacement
	3126B	190	3.0	11.0	4.0	76	279	102	1.5	21	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.5	34	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.4	33	2	M110012	
			4.0	11.0	4.0	102	279	102	2.2	30	2	M110189	OE replacement
			4.0	10x15	4.0	102	254x381	102	1.8	25	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.3	31	2	M090534	Aftermarket, shorter than OE
			4.0	11.0	5.0	102	279	127	1.3	17	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	18	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120448	OE replacement
	3126B	210 to 230	3.0	11.0	4.0	76	279	102	1.4	19	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.3	31	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.2	30	2	M110012	
			4.0	11.0	4.0	102	279	102	2.0	27	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.2	16	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.7	23	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.2	30	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.1	29	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120448	OE replacement
	3126B	250	3.0	11.0	4.0	76	279	102	1.7	23	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.8	38	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.7	37	2	M110012	
			4.0	11.0	4.0	102	279	102	2.4	33	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.6	35	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement
	3126B	275 to 300	3.0	11.0	4.0	76	279	102	1.8	25	1	M111029	OE replacement
			4.0	11.0	4.0	102	279	102	2.9	40	2	M110012	
			4.0	11.0	4.0	102	279	102	2.6	36	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.5	21	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.2	30	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	3.0	40	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.8	38	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120448	OE replacement
	3126B	330	3.0	11.0	4.0	76	279	102	2.3	31	1	M111029	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.7	37	2	M120100	Aftermarket, shorter than OE
			4.0	11.0	5.0	102	279	127	1.9	26	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120448	OE replacement
	C-10	305 to 370	3.0	11.0	4.0	76	279	102	2.4	32	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.0	27	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	39	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120365	Aftermarket

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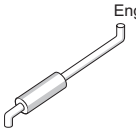
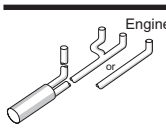
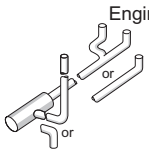


Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
			5.0	10x15	5.0	127	254x381	127	2.3	32	2	M120448	OE replacement
	C-12	335	3.0	11.0	4.0	76	279	102	2.5	35	1	M111029	OE replacement
			3.0	11.0	4.0	76	279	102	2.6	35	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.1	29	2	M111028	Inlet dimension is OD
			4.0	11.0	5.0	102	279	127	2.2	30	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.4	32	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120448	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120448	OE replacement
	C-12	380 to 430	3.0	11.0	4.0	76	279	102	2.8	38	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.4	32	2	M111028	Inlet dimension is OD
			4.0	11.0	5.0	102	279	127	2.8	38	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	36	2	M120365	Aftermarket
	C-15	355	5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120448	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE
	C-15	375	5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.0	27	2	M122300	For off-hwy, shorter than OE
	C-15	435 to 500	6.0	10x15	6.0	152	254x381	152	2.5	34	2	M122300	For off-hwy, shorter than OE
	C-16	575 to 600	6.0	10x15	6.0	152	254x381	152	2.7	37	2	M122300	For off-hwy, shorter than OE
	3406E	355	4.0	11.0	5.0	102	279	127	2.8	38	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE
	3406E	375	5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.0	27	2	M122300	For off-hwy, shorter than OE
	3406E	435 to 455	5.0	10x15	5.0	127	254x381	127	2.8	37	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.3	31	2	M122300	For off-hwy, shorter than OE
	3406E	475 to 500	6.0	10x15	6.0	152	254x381	152	2.5	34	2	M122300	For off-hwy, shorter than OE
	3406E	575 to 600	6.0	10x15	6.0	152	254x381	152	2.7	37	2	M122300	For off-hwy, shorter than OE
	3406B	350	5.0	10x15	5.0	127	254x381	127	1.9	26	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120450	OE replacement
	3406B	400 to 460	5.0	10x15	5.0	127	254x381	127	2.5	33	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.9	39	5	M120450	OE replacement
	C-12	335	5.0	10x15	5.0	127	254x381	127	1.5	20	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.9	40	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.9	40	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	24	5	M120450	OE replacement
	C-12	355 to 430	5.0	10x15	5.0	127	254x381	127	1.7	23	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120450	OE replacement
	C-15	355	5.0	10x15	5.0	127	254x381	127	1.9	26	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	31	5	M120450	OE replacement
	C-15	375	5.0	10x15	5.0	127	254x381	127	2.4	33	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120450	OE replacement
	3406E	355	5.0	10x15	5.0	127	254x381	127	1.9	26	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120450	OE replacement
	3406E	375	5.0	10x15	5.0	127	254x381	127	2.4	33	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120450	OE replacement
	3406E	435	5.0	10x15	5.0	127	254x381	127	2.7	37	5	M120131	For off-hwy, shorter than OE
	3406E	455	5.0	10x15	5.0	127	254x381	127	2.8	37	5	M120131	For off-hwy, shorter than OE



Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style & Part No.		Notes
	3116	170-185	3.5	8.3x11.5	4.0	89	211x292	102	2.6	35	4	M090547	OE replacement
			3.5	8.3x11.5	4.0	89	211x292	102	1.6	21	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	2.0	28	4	M100052	
			4.0	10.0	5.0	102	254	127	1.9	26	4	M100635	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110112	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110148	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110311	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.0	13	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.0	14	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120417	Aftermarket, shorter than OE
	3116	220-275	3.5	8.3x11.5	4.0	89	211x292	102	2.3	31	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	2.9	40	4	M100052	
			4.0	10.0	5.0	102	254	127	2.7	37	4	M100635	
			4.0	11.0	4.0	102	279	102	2.4	33	4	M110112	
			4.0	11.0	4.0	102	279	102	2.4	33	4	M110148	
			4.0	11.0	4.0	102	279	102	2.4	33	4	M110311	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	39	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.4	19	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.5	20	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.3	32	4	M120417	Aftermarket, shorter than OE
	3116	300	5.0	11.0	5.0	127	279	127	2.1	28	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.2	30	4	M120366	OE replacement
	3176	275 to 300	4.0	10.0	4.0	102	254	102	2.8	38	4	M100052	
			5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110112	
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110148	
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.0	28	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.7	37	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	4	M120417	Aftermarket, shorter than OE
	3176	350 to 365	5.0	11.0	5.0	127	279	127	1.7	24	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.7	36	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.8	25	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.9	40	4	M120417	Aftermarket, shorter than OE
	3306	300	5.0	11.0	5.0	127	279	127	1.8	24	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.7	37	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.8	25	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	3.0	40	4	M120417	Aftermarket, shorter than OE
	3306B	245	4.0	10.0	4.0	102	254	102	2.6	36	4	M100052	
			5.0	11.0	5.0	127	279	127	1.2	17	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.2	29	4	M110112	
			4.0	11.0	4.0	102	279	102	2.2	29	4	M110148	
			4.0	11.0	4.0	102	279	102	2.2	29	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.9	26	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.3	18	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.5	35	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	28	4	M120417	Aftermarket, shorter than OE
	3306B	285	5.0	11.0	5.0	127	279	127	1.5	21	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.6	36	4	M110112	
			4.0	11.0	4.0	102	279	102	2.6	36	4	M110148	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.6	35	4	M120417	Aftermarket, shorter than OE
	3306B	300	5.0	11.0	5.0	127	279	127	1.7	23	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.6	35	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.8	24	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.8	38	4	M120417	Aftermarket, shorter than OE
	3406B	Multi-Torque 300-310	5.0	11.0	5.0	127	279	127	2.0	27	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.1	29	4	M120366	OE replacement
	3406B	330	5.0	11.0	5.0	127	279	127	2.4	32	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.5	34	4	M120366	OE replacement

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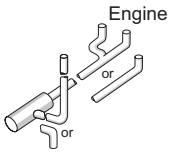
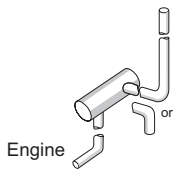
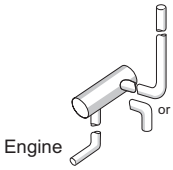
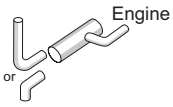
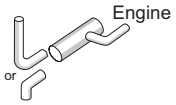
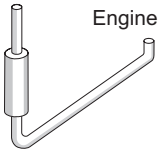
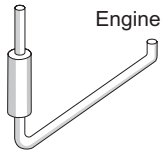
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
	3126B	175	4.0	10.0	4.0	102	254	102	2.1	29	4	M100052	
			5.0	11.0	5.0	127	279	127	1.0	14	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110112	
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110148	
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.5	21	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.1	14	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.1	28	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	4	M120417	Aftermarket, shorter than OE
	3126B	190	4.0	10.0	4.0	102	254	102	2.6	35	4	M100052	
			5.0	11.0	5.0	127	279	127	1.2	17	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.1	29	4	M110112	
			4.0	11.0	4.0	102	279	102	2.1	29	4	M110148	
			4.0	11.0	4.0	102	279	102	2.1	29	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.9	26	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.3	18	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.5	34	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	28	4	M120417	Aftermarket, shorter than OE
	3126B	210 to 230	4.0	10.0	4.0	102	254	102	2.4	32	4	M100052	
			5.0	11.0	5.0	127	279	127	1.1	15	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110112	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110148	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.7	23	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	16	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.3	31	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	25	4	M120417	Aftermarket, shorter than OE
	3126B	250	4.0	10.0	4.0	102	254	102	2.9	39	4	M100052	
			5.0	11.0	5.0	127	279	127	1.4	18	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.4	32	4	M110112	
			4.0	11.0	4.0	102	279	102	2.4	32	4	M110148	
			4.0	11.0	4.0	102	279	102	2.4	32	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.1	28	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.8	38	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	4	M120417	Aftermarket, shorter than OE
	3126B	275	4.0	10.0	4.0	102	254	102	2.8	39	4	M100052	
			5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110112	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110148	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.1	28	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.7	37	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	4	M120417	Aftermarket, shorter than OE
	3126B	300	5.0	11.0	5.0	127	279	127	1.5	20	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.6	35	4	M110112	
			4.0	11.0	4.0	102	279	102	2.6	35	4	M110148	
			4.0	11.0	4.0	102	279	102	2.6	35	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.3	31	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.5	21	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.5	34	4	M120417	Aftermarket, shorter than OE
	3126B	330	5.0	11.0	5.0	127	279	127	1.8	25	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	2.8	38	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	26	4	M120366	OE replacement
	C-10	305 to 370	5.0	11.0	5.0	127	279	127	1.9	26	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	3.0	40	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.0	28	4	M120366	OE replacement
	3316	170-185	4.0	10.0	4.0	102	254	102	2.1	28	6	M100572	
			4.0	10.0	4.0	102	254	102	2.1	28	6	M100865	
			4.0	11.0	4.0	102	279	102	1.6	22	6	M111026	Outlet dimension is O.D.
			5.0	10x15	5.0	127	254x381	127	1.1	14	6	M120418	For off-hwy, shorter than OE
	3316	220-275	4.0	11.0	4.0	102	279	102	2.3	32	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.5	21	6	M120418	For off-hwy, shorter than OE
	3316	300	5.0	10x15	5.0	127	254x381	127	2.3	31	6	M120418	For off-hwy, shorter than OE
	3176	365	4.0	11.0	4.0	102	279	102	2.9	40	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	26	6	M120418	For off-hwy, shorter than OE

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
	3176	275 to 300	4.0	10.0	4.0	102	254	102	2.9	39	6	M100572	
			4.0	11.0	4.0	102	279	102	2.2	30	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	20	6	M120418	For off-hwy, shorter than OE
	3176	350	5.0	10x15	5.0	127	254x381	127	1.8	25	6	M120418	For off-hwy, shorter than OE
			4.0	11.0	4.0	102	279	102	2.8	38	6	M111026	Outlet dimension is OD
	3306	300	5.0	10x15	5.0	127	254x381	127	1.9	26	6	M120418	For off-hwy, shorter than OE
			4.0	11.0	4.0	102	279	102	3.0	40	6	M111026	Outlet dimension is OD
	3306B	245	4.0	10.0	4.0	102	254	102	2.7	37	6	M100572	
			4.0	11.0	4.0	102	279	102	2.1	28	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	18	6	M120418	For off-hwy, shorter than OE
	3306B	285 to 300	4.0	11.0	4.0	102	279	102	2.8	38	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.8	25	6	M120418	For off-hwy, shorter than OE
	3406B	Multi-Torque 300-310	5.0	10x15	5.0	127	254x381	127	2.2	30	6	M120418	For off-hwy, shorter than OE
	3406B	330	5.0	10x15	5.0	127	254x381	127	2.6	35	6	M120418	For off-hwy, shorter than OE
	3126B	175	4.0	10.0	4.0	102	254	102	2.2	30	6	M100572	
			4.0	11.0	4.0	102	279	102	1.7	23	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.1	15	6	M120418	For off-hwy, shorter than OE
	3126B	190	4.0	10.0	4.0	102	254	102	2.7	36	6	M100572	
			4.0	11.0	4.0	102	279	102	2.1	28	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.3	18	6	M120418	For off-hwy, shorter than OE
	3126B	210 to 230	4.0	10.0	4.0	102	254	102	2.4	33	6	M100572	
			4.0	11.0	4.0	102	279	102	1.9	25	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	16	6	M120418	For off-hwy, shorter than OE
	3126B	250	4.0	10.0	4.0	102	254	102	2.9	40	6	M100572	
			4.0	11.0	4.0	102	279	102	1.9	25	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	16	6	M120418	For off-hwy, shorter than OE
	3126B	275	4.0	10.0	4.0	102	254	102	2.9	40	6	M100572	
			4.0	11.0	4.0	102	279	102	1.9	25	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	16	6	M120418	For off-hwy, shorter than OE
	3126B	300	4.0	11.0	4.0	102	279	102	2.5	33	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.6	22	6	M120418	For off-hwy, shorter than OE
	3126B	330	5.0	10x15	5.0	127	254x381	127	2.0	27	6	M120418	For off-hwy, shorter than OE
	C-10	305 to 335	4.0	11.0	4.0	102	279	102	2.9	39	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	25	6	M120418	For off-hwy, shorter than OE
	C-10	350 to 370	5.0	10x15	5.0	127	254x381	127	2.1	28	6	M120418	For off-hwy, shorter than OE
	3116	170-185	4.0	11.0	4.0	102	279	102	2.2	30	3	M110479	
			4.0	11.0	4.0	102	279	102	2.0	28	3	M110674	
			4.0	11.0		102	279	0	2.0	27	3	M111024	Outlet has down spout
			4.0	10x15	5.0	102	254x381	127	1.2	16	3	M120566	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.3	18	3	M120235	OE replacement
	3116	200-275	4.0	11.0	4.0	102	279	102	2.9	40	3	M110674	
			4.0	11.0		102	279	0	2.9	39	3	M111024	Outlet has down spout
			4.0	10x15	5.0	102	254x381	127	1.7	23	3	M120566	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.9	26	3	M120235	OE replacement
	3116	300	4.0	10x15	5.0	102	254x381	127	2.6	35	3	M120566	OE replacement
	3176	275	4.0	11.0	4.0	102	279	102	2.6	36	3	M110479	
			4.0	11.0	4.0	102	279	102	2.4	33	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.4	32	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.6	21	3	M120235	OE replacement
	3176	300	4.0	11.0	4.0	102	279	102	2.8	38	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.7	37	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	25	3	M120235	OE replacement
	3176	350 to 365	5.0	10x15	5.0	127	254x381	127	2.4	32	3	M120235	OE replacement
	3306	300	5.0	10x15	5.0	127	254x381	127	2.4	33	3	M120235	OE replacement
	3306B	245	4.0	11.0	4.0	102	279	102	2.9	39	3	M110479	
			4.0	11.0	4.0	102	279	102	2.6	36	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.6	35	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.7	23	3	M120235	OE replacement
	3306B	285 to 300	5.0	10x15	5.0	127	254x381	127	2.3	31	3	M120235	OE replacement

Truck Engine Muffler Application

Donaldson FILTRATION SOLUTIONS

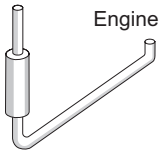
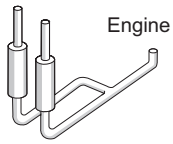
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
	3126B	175	4.0	11.0	4.0	102	279	102	2.3	31	3	M110479	
			4.0	11.0	4.0	102	279	102	2.1	29	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.1	28	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.4	19	3	M120235	OE replacement
	3126B	190	4.0	11.0	4.0	102	279	102	2.8	38	3	M110479	
			4.0	11.0	4.0	102	279	102	2.6	35	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.5	34	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.7	23	3	M120235	OE replacement
	3126B	210 to 230	4.0	11.0	4.0	102	279	102	2.6	35	3	M110479	
			4.0	11.0	4.0	102	279	102	2.4	32	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.3	31	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.5	21	3	M120235	OE replacement
	3126B	250	4.0	11.0	4.0	102	279	102	2.9	39	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.8	38	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	25	3	M120235	OE replacement
	3126B	275	4.0	11.0	4.0	102	279	102	2.8	39	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.7	37	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	25	3	M120235	OE replacement
	3126B	300	5.0	10x15	5.0	127	254x381	127	2.0	27	3	M120235	OE replacement
	3126B	330	5.0	10x15	5.0	127	254x381	127	2.5	34	3	M120235	OE replacement
	C-10	305 to 370	5.0	10x15	5.0	127	254x381	127	2.6	36	3	M120235	OE replacement
Cummins													
	ISM	310 to 350	4.0	8.5	4.0	102	216	102	1.2	17	1	M085171	
			4.0	9.0	5.0	102	229	127	1.7	24	1	M090781	
			5.0	9.0	5.0	127	229	127	1.5	20	1	M090074	
			5.0	9.0	5.0	127	229	127	0.8	11	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.8	11	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.6	21	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.6	22	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.3	18	1	M110849	
	ISM	370 to 450	4.0	8.5	4.0	102	216	102	1.5	21	1	M085171	
			4.0	9.0	5.0	102	229	127	2.2	29	1	M090781	
			5.0	9.0	5.0	127	229	127	1.8	25	1	M090074	
			5.0	9.0	5.0	127	229	127	1.0	13	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.0	13	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.1	28	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.6	22	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.0	27	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.0	27	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.1	28	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.6	22	1	M110849	
	ISM	500	4.0	8.5	4.0	102	216	102	1.7	24	1	M085171	
			4.0	9.0	5.0	102	229	127	2.5	34	1	M090781	
			5.0	9.0	5.0	127	229	127	2.1	29	1	M090074	
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.5	35	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.9	25	1	M110849	
	ISX	400	5.0	9.0	5.0	127	229	127	2.0	27	1	M090074	
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy
			4.0	9.0	5.0	102	229	127	2.4	32	1	M090781	
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.1	29	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	33	1	M100807	60" (1524mm) Long Body

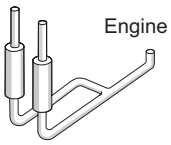


Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Muffler Part No.	Notes
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.2	29	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	29	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.8	24	1	M110849	
	ISX	450 to 475	5.0	9.0	5.0	127	229	127	2.6	35	1	M090074	
			5.0	9.0	5.0	127	229	127	1.4	19	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.8	37	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.8	38	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.8	38	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.3	31	1	M110849	
	ISX	500	5.0	9.0	5.0	127	229	127	2.8	38	1	M090074	
			5.0	9.0	5.0	127	229	127	1.5	20	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.5	20	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.5	34	1	M110849	
	ISX	600	5.0	9.0	5.0	127	229	127	2.0	27	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.0	27	1	M100463	Low backpressure, off-hwy
	L10	260 to 280	4.0	8.5	4.0	102	216	102	0.6	8	1	M085171	
			4.0	9.0	5.0	102	229	127	0.5	6	1	M090781	
			5.0	9.0	5.0	127	229	127	0.7	10	1	M090074	
			5.0	10.0	5.0	127	254	127	0.8	11	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	0.8	11	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	0.9	12	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	0.8	11	1	M101158	
			5.0	10.0	5.0	127	254	127	0.8	11	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	0.8	11	1	M101263	Freightliner only
			5.0	10.0	5.0	127	254	127	0.7	9	1	M110944	
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849	
	L10	300 to 375	4.0	8.5	4.0	102	216	102	0.5	7	1	M085171	
			4.0	9.0	5.0	102	229	127	0.4	5	1	M090781	
			5.0	9.0	5.0	127	229	127	0.6	9	1	M090074	
			5.0	10.0	5.0	127	254	127	0.7	9	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	0.7	10	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	0.8	11	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	0.7	9	1	M101158	
			5.0	10.0	5.0	127	254	127	0.7	9	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	0.7	10	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	0.6	8	1	M110849	
	M11	400	4.0	8.5	4.0	102	216	102	1.0	13	1	M085171	
			4.0	9.0	5.0	102	229	127	1.4	19	1	M090781	
			5.0	9.0	5.0	127	229	127	1.2	16	1	M090074	
			5.0	9.0	5.0	127	229	127	0.6	8	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.6	8	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.2	17	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.0	14	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.2	17	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.2	17	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.0	14	1	M110849	
	N14	330	4.0	8.5	4.0	102	216	102	1.4	19	1	M085171	
			4.0	9.0	5.0	102	229	127	1.9	26	1	M090781	
			5.0	9.0	5.0	127	229	127	1.6	22	1	M090074	
			5.0	9.0	5.0	127	229	127	0.9	12	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.9	12	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.7	24	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.0	27	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.5	20	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.8	25	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.5	20	1	M110849	

Truck Engine Muffler Application

Donaldson FILTRATION SOLUTIONS

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
 Engine	N14	350 to 435	4.0	8.5	4.0	102	216	102	2.2	30	1	M085171	
			5.0	9.0	5.0	127	229	127	2.7	36	1	M090074	
			5.0	9.0	5.0	127	229	127	1.4	19	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.8	39	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.9	39	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.9	39	1	M101181	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	2.4	32	1	M110849	
	N14	460	5.0	9.0	5.0	127	229	127	2.9	39	1	M090074	
			5.0	9.0	5.0	127	229	127	1.5	21	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.5	21	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.6	35	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.6	35	1	M110849	
	N14	500 to 550	5.0	9.0	5.0	127	229	127	1.8	25	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100463	Low backpressure, off-hwy
	NTC	400	4.0	8.5	4.0	102	216	102	2.5	34	1	M085171	
			5.0	9.0	5.0	127	229	127	1.6	22	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.6	22	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	37	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.7	36	1	M110849	
	Signature	500	4.0	8.5	4.0	102	216	102	2.2	30	1	M085171	
			5.0	9.0	5.0	127	229	127	2.6	36	1	M090074	
			5.0	9.0	5.0	127	229	127	1.4	19	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.8	38	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.3	32	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.8	39	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.8	39	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.3	32	1	M110849	
	Signature	565	4.0	8.5	4.0	102	216	102	2.4	33	1	M085171	
			5.0	9.0	5.0	127	229	127	2.9	39	1	M090074	
			5.0	9.0	5.0	127	229	127	1.5	21	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.5	21	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.6	35	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.6	35	1	M110849	
	Signature	600	4.0	8.5	4.0	102	216	102	2.7	37	1	M085171	
			5.0	9.0	5.0	127	229	127	1.8	24	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.9	40	1	M110849	
 Engine	ISM	310 to 350	4.0	9.0	4.0	102	229	102	0.7	10	1	M090544	
			4.0	10.0	4.0	102	254	102	0.8	10	1	M100466	
			4.0	10.0	5.0	102	254	127	1.2	17	1	M100695	
			4.0	10.3	4.0	102	262	102	1.4	20	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	0.9	13	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	0.9	13	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	0.9	13	1	M101182	Silent Partner Aluminized
	ISM	370 to 450	4.0	9.0	4.0	102	229	102	0.9	12	1	M090544	
			4.0	10.0	4.0	102	254	102	0.9	13	1	M100466	
			4.0	10.0	5.0	102	254	127	1.5	21	1	M100695	
			4.0	10.3	4.0	102	262	102	1.8	24	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.2	16	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101182	Silent Partner Aluminized
	ISM	500	4.0	9.0	4.0	102	229	102	1.0	14	1	M090544	
			4.0	10.3	4.0	102	262	102	2.1	28	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.1	15	1	M100466	
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100582	OE replacement
			4.0	10.0	5.0	102	254	127	1.7	24	1	M100695	
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101182	Silent Partner Aluminized
	ISX	400 to 500	4.0	9.0	4.0	102	229	102	1.4	19	1	M090544	
			4.0	10.0	4.0	102	254	102	1.5	20	1	M100466	
			4.0	10.0	5.0	102	254	127	2.3	31	1	M100695	
			4.0	10.3	4.0	102	262	102	2.7	37	1	M100464	Wrapped muffler



Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Muffler Part No.	Notes
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101182	Silent Partner Aluminized
	ISX	600	4.0	9.0	4.0	102	229	102	1.8	25	1	M090544	
			4.0	10.0	4.0	102	254	102	1.9	26	1	M100466	
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101182	Silent Partner Aluminized
	L10	260 to 280	4.0	9.0	4.0	102	229	102	0.4	5	1	M090544	
			4.0	10.0	4.0	102	254	102	0.4	5	1	M100466	
			4.0	10.0	5.0	102	254	127	0.6	8	1	M100695	
			4.0	10.3	4.0	102	262	102	0.7	10	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	0.5	6	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	0.5	6	1	M101182	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	0.5	6	1	M101159	Silent Partner Stainless
	L10	300-375	4.0	9.0	4.0	102	229	102	0.4	5	1	M090544	
			4.0	10.0	4.0	102	254	102	0.4	6	1	M100466	
			4.0	10.0	5.0	102	254	127	0.7	9	1	M100695	
			4.0	10.3	4.0	102	262	102	0.8	11	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	0.5	7	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	0.5	7	1	M101182	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	0.5	7	1	M101159	Silent Partner Stainless
	M11	400	4.0	9.0	4.0	102	229	102	0.6	8	1	M090544	
			4.0	10.0	5.0	102	254	127	1.0	13	1	M100695	
			4.0	10.3	4.0	102	262	102	1.1	15	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	0.7	10	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	0.7	10	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	0.7	10	1	M101182	Silent Partner Aluminized
	N14	330 to 350	4.0	9.0	4.0	102	229	102	1.1	15	1	M090544	
			4.0	10.0	4.0	102	254	102	1.2	16	1	M100466	
			4.0	10.0	5.0	102	254	127	1.9	25	1	M100695	
			4.0	10.3	4.0	102	262	102	2.2	30	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.4	19	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.4	19	1	M101182	Silent Partner Aluminized
	N14	370 to 410	4.0	9.0	4.0	102	229	102	1.2	17	1	M090544	
			4.0	10.0	4.0	102	254	102	1.3	18	1	M100466	
			4.0	10.0	5.0	102	254	127	2.1	29	1	M100695	
			4.0	10.3	4.0	102	262	102	2.5	34	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.6	22	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101182	Silent Partner Aluminized
	N14	435 to 460	4.0	9.0	4.0	102	229	102	1.4	19	1	M090544	
			4.0	10.0	4.0	102	254	102	1.5	20	1	M100466	
			4.0	10.0	5.0	102	254	127	2.4	32	1	M100695	
			4.0	10.3	4.0	102	262	102	2.8	38	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.8	25	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.8	25	1	M101182	Silent Partner Aluminized
	N14	500 to 550	4.0	9.0	4.0	102	229	102	1.7	23	1	M090544	
			4.0	10.0	4.0	102	254	102	1.8	24	1	M100466	
			4.0	10.0	5.0	102	254	127	2.9	39	1	M100695	
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101182	Silent Partner Aluminized
	NTC	400	4.0	9.0	4.0	102	229	102	1.5	20	1	M090544	
			4.0	10.0	4.0	102	254	102	1.6	21	1	M100466	
			4.0	10.0	5.0	102	254	127	2.5	34	1	M100695	
			4.0	10.3	4.0	102	262	102	3.0	40	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.9	26	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.9	26	1	M101182	Silent Partner Aluminized
	Signature	500 to 600	4.0	9.0	4.0	102	229	102	1.6	22	1	M090544	
			4.0	10.0	4.0	102	254	102	1.7	23	1	M100466	
			4.0	10.0	5.0	102	254	127	2.7	37	1	M100695	
			5.0	10.0	5.0	127	254	127	2.1	29	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101182	Silent Partner Aluminized

Truck Engine Muffler Application

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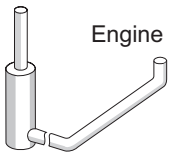
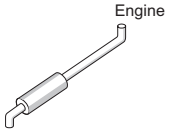
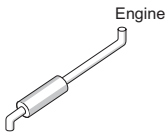
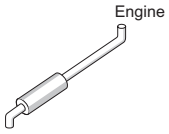
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Muffler & Part No.	Notes
	6BT	230	4.0	9.0	5.0	102	229	127	1.1	15	3	M090823	
			4.0	11.8	5.0	102	300	127	1.2	16	3	M120598	
			5.0	10.0	5.0	127	254	127	1.1	14	3	M100213	
	6CT	300	4.0	9.0	5.0	102	229	127	2.3	31	3	M090823	
			4.0	11.8	5.0	102	300	127	2.4	32	3	M120598	
			5.0	10.0	5.0	127	254	127	2.1	29	3	M100213	
	6CT	250	4.0	9.0	5.0	102	229	127	1.6	21	3	M090823	
			4.0	11.8	5.0	102	300	127	1.7	22	3	M120598	
			5.0	10.0	5.0	127	254	127	1.5	20	3	M100213	
	ISB	185 to 225	4.0	9.0	5.0	102	229	127	1.0	13	3	M090823	
			4.0	10.0	4.0	102	254	102	2.8	38	3	M100146	
			4.0	11.8	5.0	102	300	127	1.0	14	3	M120598	
			5.0	10.0	5.0	127	254	127	0.9	12	3	M100213	
	ISB	240 to 300	4.0	9.0	5.0	102	229	127	1.4	20	3	M090823	
			4.0	11.8	5.0	102	300	127	1.5	21	3	M120598	
			5.0	10.0	5.0	127	254	127	1.3	18	3	M100213	
	ISC	225 to 315	4.0	9.0	5.0	102	229	127	1.8	24	3	M090823	
			4.0	11.8	5.0	102	300	127	1.8	25	3	M120598	
			5.0	10.0	5.0	127	254	127	1.6	22	3	M100213	
	ISC	330	4.0	9.0	5.0	102	229	127	1.8	25	3	M090823	
			4.0	11.8	5.0	102	300	127	1.9	26	3	M120598	
			5.0	10.0	5.0	127	254	127	1.7	23	3	M100213	
	ISC	350	4.0	9.0	5.0	102	229	127	2.0	27	3	M090823	
			4.0	11.8	5.0	102	300	127	2.1	28	3	M120598	
			5.0	10.0	5.0	127	254	127	1.8	25	3	M100213	
	ISM	310 to 330	4.0	9.0	5.0	102	229	127	1.8	24	3	M090823	
			4.0	11.8	5.0	102	300	127	1.9	25	3	M120598	
			5.0	10.0	5.0	127	254	127	1.7	23	3	M100213	
	ISM	350 to 425	4.0	9.0	5.0	102	229	127	2.7	37	3	M090823	
			4.0	11.8	5.0	102	300	127	2.9	39	3	M120598	
			5.0	10.0	5.0	127	254	127	2.6	35	3	M100213	
	ISM	450	4.0	9.0	5.0	102	229	127	2.9	39	3	M090823	
			5.0	10.0	5.0	127	254	127	2.7	36	3	M100213	
	ISX	400	5.0	10.0	5.0	127	254	127	2.9	40	3	M100213	
	L10	260 to 280	4.0	9.0	5.0	102	229	127	1.2	16	3	M090823	
			4.0	11.8	5.0	102	300	127	1.2	17	3	M120598	
			5.0	10.0	5.0	127	254	127	1.1	15	3	M100213	
	L10	300 to 375	4.0	9.0	5.0	102	229	127	1.3	17	3	M090823	
			4.0	11.8	5.0	102	300	127	1.3	18	3	M120598	
			5.0	10.0	5.0	127	254	127	1.2	16	3	M100213	
	M11	400	4.0	9.0	5.0	102	229	127	1.8	25	3	M090823	
			4.0	11.8	5.0	102	300	127	1.9	26	3	M120598	
			5.0	10.0	5.0	127	254	127	1.7	23	3	M100213	
	NTC	255 to 290	4.0	9.0	5.0	102	229	127	1.6	21	3	M090823	
			4.0	11.8	5.0	102	300	127	1.7	23	3	M120598	
			5.0	10.0	5.0	127	254	127	1.5	20	3	M100213	
	NTC	300 to 350	4.0	9.0	5.0	102	229	127	2.6	36	3	M090823	
			4.0	11.8	5.0	102	300	127	2.8	38	3	M120598	
			5.0	10.0	5.0	127	254	127	2.5	33	3	M100213	
	6BT	230	3.0	11.0	4.0	76	279	102	1.2	16	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.0	27	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	1.9	26	2	M110012	
			4.0	11.0	4.0	102	279	102	1.7	24	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.0	14	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.4	20	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.8	25	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	14	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120448	OE replacement
	6CT	250	4.0	8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090280	Aftermarket, shorter than OE
			3.0	11.0	4.0	76	279	102	1.7	23	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.7	37	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.7	36	2	M110012	



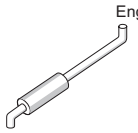
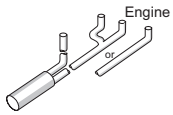
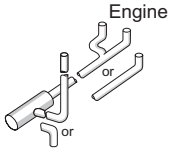
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Muffler & Part No.	Notes
			4.0	11.0	4.0	102	279	102	2.4	33	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	13	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement
	6CT	300	3.0	11.0	4.0	76	279	102	2.4	33	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.0	27	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	39	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	31	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.3	32	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.2	16	2	M122300	For off-hwy, shorter than OE
	ISB	185 to 225	3.0	11.0	4.0	76	279	102	1.0	14	1	M111029	OE replacement
			3.5	8.3x11.5	3.5	89	211x292	89	2.8	38	2	M090158	
			3.5	8.5x11.8	3.5	89	216x300	89	2.8	38	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.7	23	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	1.7	23	2	M110012	
			4.0	11.0	4.0	102	279	102	1.5	20	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	0.9	12	2	M111028	Inlet dimension is OD
			4.0	10.3x15.3	4.0	102	261x389	102	2.6	35	2	M120197	Wrapped muffler, OE
			4.0	10x15	4.0	102	254x381	102	1.2	17	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.7	23	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.6	21	2	M090534	Aftermarket, shorter than OE
			4.0	8.3x11.5	3.5	102	211x292	89	2.8	37	2	M090538	
			5.0	10x15	5.0	127	254x381	127	0.9	12	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	13	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120448	OE replacement
	ISB	240 to 300	3.0	11.0	4.0	76	279	102	1.5	21	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.5	34	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.4	33	2	M110012	
			4.0	11.0	4.0	102	279	102	2.2	30	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.3	17	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.8	25	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.3	32	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	18	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	20	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120448	OE replacement
	ISC	225 to 240	3.0	11.0	4.0	76	279	102	1.6	22	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.7	36	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.6	35	2	M110012	
			4.0	11.0	4.0	102	279	102	2.3	32	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.4	18	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.9	26	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.6	35	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.4	33	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120448	OE replacement
	ISC	260 to 300	3.0	11.0	4.0	76	279	102	1.6	22	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.7	37	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.6	36	2	M110012	
			4.0	11.0	4.0	102	279	102	2.4	32	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.7	36	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement

Truck Engine Muffler Application

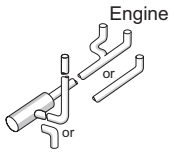
Donaldson FILTRATION SOLUTIONS



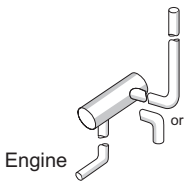
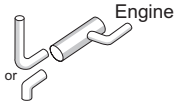
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
	ISC	315 to 330	3.0	11.0	4.0	76	279	102	2.0	27	1	M111029	OE replacement
			4.0	11.0	4.0	102	279	102	2.8	39	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.6	22	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.4	32	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	3.0	40	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	24	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120448	OE replacement
	ISC	350	3.0	11.0	4.0	76	279	102	2.1	28	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	1.8	24	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.5	34	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120448	OE replacement
	ISM	310 to 330	3.0	11.0	4.0	76	279	102	1.9	26	1	M111029	OE replacement
			4.0	11.0	4.0	102	279	102	2.7	37	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.6	22	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.3	31	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.9	39	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120448	OE replacement
	ISM	350 to 450	4.0	11.0	5.0	102	279	127	2.5	35	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.8	39	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.5	20	2	M122300	For off-hwy, shorter than OE
	ISM	500	5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120225	For off-hwy, shorter than OE
			4.0	11.0	5.0	102	279	127	2.9	40	2	M111028	Inlet dimension is OD
			6.0	10x15	6.0	152	254x381	152	1.7	23	2	M122300	For off-hwy, shorter than OE
	ISX	400	4.0	11.0	5.0	102	279	127	2.8	38	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE
	ISX	450 to 500	5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.2	30	2	M122300	For off-hwy, shorter than OE
	ISX	600	6.0	10x15	6.0	152	254x381	152	3.0	40	2	M122300	For off-hwy, shorter than OE
	L10	260 to 280	3.0	11.0	4.0	76	279	102	1.2	17	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.0	28	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.0	27	2	M110012	
			4.0	11.0	4.0	102	279	102	1.8	24	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.0	14	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.5	20	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.0	27	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120448	OE replacement
	L10	300 to 375	3.0	11.0	4.0	76	279	102	1.3	18	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.2	30	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.1	29	2	M110012	
			4.0	11.0	4.0	102	279	102	1.9	26	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.1	15	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.6	22	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.2	30	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.0	28	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	17	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120448	OE replacement
	M11	400	3.0	11.0	4.0	76	279	102	1.9	26	1	M111029	OE replacement
			4.0	11.0	4.0	102	279	102	2.8	38	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.6	22	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.3	31	2	M120100	Aftermarket, shorter than OE

Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Muffler Part No.	Notes
			4.0	8.3x11.5	4.0	102	211x292	102	2.9	40	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120448	OE replacement
	N14	330	3.0	11.0	4.0	76	279	102	2.7	37	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.3	31	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.3	18	2	M122300	For off-hwy, shorter than OE
	N14	350 to 460	5.0	10x15	5.0	127	254x381	127	2.8	38	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.3	31	2	M122300	For off-hwy, shorter than OE
	N14	500 to 550	6.0	10x15	6.0	152	254x381	152	2.8	38	2	M122300	For off-hwy, shorter than OE
	NTC	255 to 290	3.0	11.0	4.0	76	279	102	1.7	23	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.8	37	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.7	36	2	M110012	
			4.0	11.0	4.0	102	279	102	2.4	33	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement
	NTC	300 to 350	3.0	11.0	4.0	76	279	102	2.8	38	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.3	32	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	36	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120448	OE replacement
	Signature	500 to 565	5.0	10x15	5.0	127	254x381	127	2.8	38	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.3	32	2	M122300	For off-hwy, shorter than OE
	Signature	600	6.0	10x15	6.0	152	254x381	152	2.6	36	2	M122300	For off-hwy, shorter than OE
	ISM	310 to 350	5.0	10x15	5.0	127	254x381	127	1.4	19	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	5	M120450	OE replacement
	ISM	400 to 500	5.0	10x15	5.0	127	254x381	127	2.0	28	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.4	32	5	M120450	OE replacement
	ISX	400 to 475	5.0	10x15	5.0	127	254x381	127	2.5	34	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.9	40	5	M120450	OE replacement
	ISX	500	5.0	10x15	5.0	127	254x381	127	2.7	37	5	M120131	For off-hwy, shorter than OE
	M11	400	5.0	10x15	5.0	127	254x381	127	1.1	15	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	18	5	M120450	OE replacement
	N14	330 to 400	5.0	10x15	5.0	127	254x381	127	2.4	33	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.9	39	5	M120450	OE replacement
	N14	435 to 460	5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120131	For off-hwy, shorter than OE
	NTC	400	5.0	10x15	5.0	127	254x381	127	2.9	40	5	M120131	For off-hwy, shorter than OE
	Signature	500	5.0	10x15	5.0	127	254x381	127	2.5	34	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	3.0	40	5	M120450	OE replacement
	Signature	565	5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120131	For off-hwy, shorter than OE
	6BT	230	4.0	10.0	4.0	102	254	102	2.0	28	4	M100052	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110112	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110148	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.5	20	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.0	13	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.0	14	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120417	Aftermarket, shorter than OE
	6CT	250	4.0	10.0	4.0	102	254	102	2.8	38	4	M100052	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110112	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110148	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.1	28	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.7	37	4	M120367	Aftermarket, shorter than OE

Truck Engine Muffler Application



Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style & Part No.		Notes
			5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.2	31	4	M120417	Aftermarket, shorter than OE
	6CT	300	4.0	11.0	4.0	102	279	102	3.0	40	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.9	26	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.0	27	4	M120366	OE replacement
	ISB	185 to 225	4.0	10.0	4.0	102	254	102	1.8	24	4	M100052	
			4.0	11.0	4.0	102	279	102	1.5	20	4	M110112	
			4.0	11.0	4.0	102	279	102	1.5	20	4	M110148	
			4.0	11.0	4.0	102	279	102	1.5	20	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.3	17	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.7	23	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	0.8	11	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	0.9	12	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120417	Aftermarket, shorter than OE
	ISB	240 to 300	4.0	10.0	4.0	102	254	102	2.6	35	4	M100052	
			4.0	11.0	4.0	102	279	102	2.1	29	4	M110112	
			4.0	11.0	4.0	102	279	102	2.1	29	4	M110148	
			4.0	11.0	4.0	102	279	102	2.1	29	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.9	26	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.5	34	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.2	17	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.3	17	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.1	28	4	M120417	Aftermarket, shorter than OE
	ISC	225 to 240	4.0	10.0	4.0	102	254	102	2.7	37	4	M100052	
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110112	
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110148	
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.0	27	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.7	36	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.4	18	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.2	30	4	M120417	Aftermarket, shorter than OE
	ISC	260 to 300	4.0	11.0	4.0	102	279	102	2.5	34	4	M110112	
			4.0	11.0	4.0	102	279	102	2.5	34	4	M110148	
			4.0	11.0	4.0	102	279	102	2.5	34	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.2	30	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	40	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.4	19	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.5	20	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.4	33	4	M120417	Aftermarket, shorter than OE
	ISC	315 to 350	4.0	11.0	4.0	102	279	102	2.9	40	4	M110112	
			4.0	11.0	4.0	102	279	102	2.9	40	4	M110148	
			4.0	11.0	4.0	102	279	102	2.9	40	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.6	35	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.7	23	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.8	24	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.8	38	4	M120417	Aftermarket, shorter than OE
	L10	260 to 300	4.0	10.0	4.0	102	254	102	2.3	31	4	M100052	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110112	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110148	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.7	22	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.2	30	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.1	15	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.1	15	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.8	25	4	M120417	Aftermarket, shorter than OE
	NTC	255 to 290	4.0	10.0	4.0	102	254	102	2.8	39	4	M100052	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110112	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110148	
			4.0	11.0	4.0	102	279	102	2.3	32	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.1	28	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.7	37	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.3	31	4	M120417	Aftermarket, shorter than OE
	NTC	300 to 350	5.0	11.0	5.0	127	279	127	2.5	34	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.6	36	4	M120366	OE replacement

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
	6BT	230	4.0	10.0	4.0	102	254	102	2.1	28	6	M100572	
			4.0	11.0	4.0	102	279	102	1.6	22	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.1	14	4	M120418	For off-hwy, shorter than OE
	6CT	250	4.0	10.0	4.0	102	254	102	2.9	39	6	M100572	
			4.0	11.0	4.0	102	279	102	2.2	31	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.5	20	6	M120418	For off-hwy, shorter than OE
	6CT	300	5.0	10x15	5.0	127	254x381	127	2.1	29	6	M120418	For off-hwy, shorter than OE
	ISB	185 to 225	4.0	10.0	4.0	102	254	102	1.8	25	6	M100572	
			4.0	11.0	4.0	102	279	102	1.4	19	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	0.9	12	6	M120418	For off-hwy, shorter than OE
	ISB	240 to 300	4.0	10.0	4.0	102	254	102	2.7	36	6	M100572	
			4.0	11.0	4.0	102	279	102	2.1	28	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.3	18	6	M120418	For off-hwy, shorter than OE
	ISC	225 to 240	4.0	10.0	4.0	102	254	102	2.8	38	6	M100572	
			4.0	11.0	4.0	102	279	102	2.2	30	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	19	6	M120418	For off-hwy, shorter than OE
	ISC	260 to 300	4.0	10.0	4.0	102	254	102	2.9	39	6	M100572	
			4.0	11.0	4.0	102	279	102	2.2	30	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	20	6	M120418	For off-hwy, shorter than OE
	ISC	315 to 350	4.0	11.0	4.0	102	279	102	2.8	38	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.8	25	6	M120418	For off-hwy, shorter than OE
	L10	260 to 300	4.0	10.0	4.0	102	254	102	2.3	32	6	M100572	
			4.0	11.0	4.0	102	279	102	1.8	25	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	16	6	M120418	For off-hwy, shorter than OE
	NTC	255 to 290	4.0	10.0	4.0	102	254	102	2.9	40	6	M100572	
			4.0	11.0	4.0	102	279	102	2.3	31	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.5	20	6	M120418	For off-hwy, shorter than OE
	NTC	300 to 350	5.0	10x15	5.0	127	254x381	127	2.7	37	6	M120418	For off-hwy, shorter than OE
	6BT	230	4.0	11.0	4.0	102	279	102	2.2	30	3	M110479	
			4.0	11.0	4.0	102	279	102	2.0	28	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.0	27	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.3	18	3	M120235	OE replacement
	6CT	250	4.0	11.0	4.0	102	279	102	2.8	39	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.8	37	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	25	3	M120235	OE replacement
	6CT	300	5.0	10x15	5.0	127	254x381	127	2.6	36	3	M120235	OE replacement
	ISB	185 to 225	4.0	11.0	4.0	102	279	102	1.9	26	3	M110479	
			4.0	11.0	4.0	102	279	102	1.8	24	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		1.7	23	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.1	15	3	M120235	OE replacement
	ISB	240 to 275	4.0	11.0	4.0	102	279	102	2.8	38	3	M110479	
			4.0	11.0	4.0	102	279	102	2.5	35	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.5	34	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.6	22	3	M120235	OE replacement
	ISB	300	4.0	11.0	4.0	102	279	102	2.8	39	3	M110479	
			4.0	11.0	4.0	102	279	102	2.6	36	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.5	34	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.7	23	3	M120235	OE replacement
	ISC	225	4.0	11.0	4.0	102	279	102	2.8	38	3	M110479	
			4.0	11.0	4.0	102	279	102	2.5	35	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.5	34	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.6	22	3	M120235	OE replacement
	ISC	240	4.0	11.0	4.0	102	279	102	2.7	37	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.7	36	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	24	3	M120235	OE replacement
	ISC	260	4.0	11.0		102	279		2.9	40	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.9	26	3	M120235	OE replacement
	ISC	285	4.0	11.0	4.0	102	279	102	3.0	40	3	M110479	
			4.0	11.0	4.0	102	279	102	2.7	37	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.7	36	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	24	3	M120235	OE replacement
	ISC	300	4.0	11.0	4.0	102	279	102	2.8	38	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.7	37	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	24	3	M120235	OE replacement

Truck Engine Muffler Application

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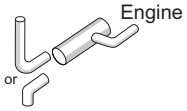
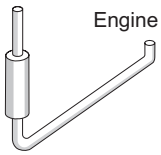
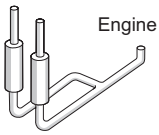
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
	ISC	315	5.0	10x15	5.0	127	254x381	127	2.0	28	3	M120235	OE replacement
	ISC	330	5.0	10x15	5.0	127	254x381	127	2.1	29	3	M120235	OE replacement
	ISC	350	5.0	10x15	5.0	127	254x381	127	2.3	31	3	M120235	OE replacement
	L10	260 to 300	4.0	11.0	4.0	102	279	102	2.5	34	3	M110479	
			4.0	11.0	4.0	102	279	102	2.3	31	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.2	30	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.5	20	3	M120235	OE replacement
	NTC	255 to 290	4.0	11.0	4.0	102	279	102	2.3	31	3	M110479	
			4.0	11.0	4.0	102	279	102	2.1	28	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.0	27	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.3	18	3	M120235	OE replacement
	NTC	335	5.0	10x15	5.0	127	254x381	127	2.8	38	3	M120235	OE replacement
Detroit Diesel													
	8V-92T	430	4.0	8.5	4.0	102	216	102	2.4	33	1	M085171	
			5.0	9.0	5.0	127	229	127	2.9	40	1	M090074	
			5.0	9.0	5.0	127	229	127	1.6	21	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.6	21	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.6	36	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101181	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	2.6	35	1	M110849	
	8V-92TT	365	4.0	8.5	4.0	102	216	102	2.9	39	1	M085171	
			5.0	9.0	5.0	127	229	127	1.9	25	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.9	25	1	M100463	Low backpressure, off-hwy
	8V-92TTA	445	4.0	8.5	4.0	102	216	102	2.7	36	1	M085171	
			5.0	9.0	5.0	127	229	127	1.7	23	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.7	23	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	39	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.9	39	1	M110849	
	Series 60 (12.7 Ltr)	350 to 400	4.0	8.5	4.0	102	216	102	1.9	26	1	M085171	
			4.0	9.0	5.0	102	229	127	2.7	37	1	M090781	
			5.0	9.0	5.0	127	229	127	2.3	31	1	M090074	
			5.0	9.0	5.0	127	229	127	1.2	17	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.2	17	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.6	35	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.8	38	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	2.1	28	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.5	34	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.5	34	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.6	35	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.1	28	1	M110849	
	Series 60 (12.7 Ltr)	430	4.0	8.5	4.0	102	216	102	2.1	28	1	M085171	
			5.0	9.0	5.0	127	229	127	2.5	34	1	M090074	
			5.0	9.0	5.0	127	229	127	1.3	18	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	37	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.8	39	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.7	37	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.7	37	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.8	39	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.2	31	1	M110849	
	Series 60 (12.7 Ltr)	470 to 500	4.0	8.5	4.0	102	216	102	2.5	33	1	M085171	
			5.0	9.0	5.0	127	229	127	3.0	40	1	M090074	
			5.0	9.0	5.0	127	229	127	1.6	21	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.6	21	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	36	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.6	36	1	M110849	
	Series 60 (14 Ltr)	550 to 575	5.0	9.0	5.0	127	229	127	2.0	27	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.0	27	1	M100463	Low backpressure, off-hwy
	Series 60 (12.7 Ltr)	Cruise Power 330/350 & 370/430	4.0	8.5	4.0	102	216	102	2.1	28	1	M085171	
			5.0	9.0	5.0	127	229	127	2.5	34	1	M090074	
			5.0	9.0	5.0	127	229	127	1.3	18	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	37	1	M100465	Best value, most popular

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
			5.0	10.0	5.0	127	254	127	2.8	39	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.7	37	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.7	37	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.8	39	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.2	31	1	M110849	
	Series 60 (12.7 Ltr)	Cruise Power 430/470	4.0	8.5	4.0	102	216	102	2.2	30	1	M085171	
			5.0	9.0	5.0	127	229	127	2.6	36	1	M090074	
			5.0	9.0	5.0	127	229	127	1.4	19	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.8	38	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.9	39	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.9	39	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.4	32	1	M110849	
	Series 60 (12.7 Ltr)	Cruise Power 470/500	4.0	8.5	4.0	102	216	102	2.5	33	1	M085171	
			5.0	9.0	5.0	127	229	127	3.0	40	1	M090074	
			5.0	9.0	5.0	127	229	127	1.6	21	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.6	21	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	36	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.6	36	1	M110849	
 Engine	8V-92T	430	4.0	9.0	4.0	102	229	102	2.6	35	1	M090544	
			4.0	10.0	4.0	102	254	102	2.8	37	1	M100466	
			5.0	11.0	5.0	127	279	127	1.8	25	1	M110849	
	8V-92TA	435	4.0	9.0	4.0	102	229	102	2.1	28	1	M090544	
			4.0	10.0	4.0	102	254	102	2.2	30	1	M100466	
			5.0	10.0	5.0	127	254	127	2.7	37	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.7	37	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	1.5	20	1	M110849	
	8V-92TT	365	4.0	9.0	4.0	102	229	102	1.7	23	1	M090544	
			4.0	10.0	4.0	102	254	102	1.8	25	1	M100466	
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100582	OE replacement
			4.0	10.0	5.0	102	254	127	2.9	39	1	M100695	
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	1.2	16	1	M110849	
	8V-92TTA	445	4.0	9.0	4.0	102	229	102	1.6	22	1	M090544	
			4.0	10.0	4.0	102	254	102	1.7	23	1	M100466	
			5.0	10.0	5.0	127	254	127	2.1	28	1	M100582	OE replacement
			4.0	10.0	5.0	102	254	127	2.7	36	1	M100695	
			5.0	10.0	5.0	127	254	127	2.1	28	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.1	28	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	1.1	15	1	M110849	
	Series 60 (12.7 Ltr)	330 to 400	4.0	9.0	4.0	102	229	102	1.1	15	1	M090544	
			4.0	10.3	4.0	102	262	102	2.3	31	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.2	16	1	M100466	
			4.0	10.0	5.0	102	254	127	1.9	26	1	M100695	
			5.0	10.0	5.0	127	254	127	1.5	20	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.5	20	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.5	20	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.8	11	1	M110849	
	Series 60 (12.7 Ltr)	430	4.0	9.0	4.0	102	229	102	1.2	17	1	M090544	
			4.0	10.3	4.0	102	262	102	2.5	34	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.3	18	1	M100466	
			4.0	10.0	5.0	102	254	127	2.1	28	1	M100695	
			5.0	10.0	5.0	127	254	127	1.6	22	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.9	12	1	M110849	
	Series 60 (12.7 Ltr)	470 to 500	4.0	9.0	4.0	102	229	102	1.5	20	1	M090544	
			4.0	10.3	4.0	102	262	102	2.9	39	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.5	21	1	M100466	
			4.0	10.0	5.0	102	254	127	2.5	33	1	M100695	
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.9	26	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.9	26	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	1.0	14	1	M110849	

Truck Engine Muffler Application

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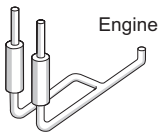
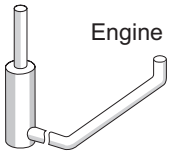
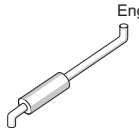
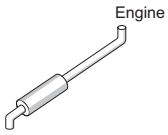
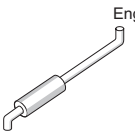
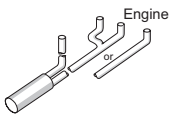
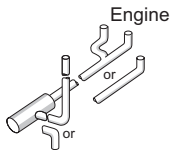
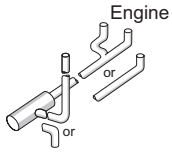
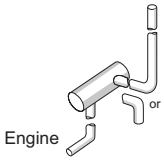
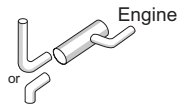
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Muffler Part No.	Notes
 Engine	Series 60 (14 Ltr)	550 to 575	4.0	9.0	4.0	102	229	102	1.8	25	1	M090544	
			4.0	10.0	4.0	102	254	102	1.9	26	1	M100466	
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	1.3	17	1	M110849	
	Series 60 (12.7 Ltr)	Cruise Power 330/350 & 370/430	4.0	9.0	4.0	102	229	102	1.2	17	1	M090544	
			4.0	10.3	4.0	102	262	102	2.5	34	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.3	18	1	M100466	
			4.0	10.0	5.0	102	254	127	2.1	28	1	M100695	
			5.0	10.0	5.0	127	254	127	1.6	22	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.9	12	1	M110849	
	Series 60 (12.7 Ltr)	Cruise Power 430/470	4.0	9.0	4.0	102	229	102	1.3	18	1	M090544	
			4.0	10.3	4.0	102	262	102	2.6	35	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.4	19	1	M100466	
			4.0	10.0	5.0	102	254	127	2.2	30	1	M100695	
			5.0	10.0	5.0	127	254	127	1.7	23	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.7	23	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.7	23	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.9	12	1	M110849	
	Series 60 (12.7 Ltr)	Cruise Power 470/500	4.0	9.0	4.0	102	229	102	1.5	20	1	M090544	
			4.0	10.3	4.0	102	262	102	2.9	39	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.5	21	1	M100466	
			4.0	10.0	5.0	102	254	127	2.5	33	1	M100695	
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.9	26	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.9	26	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	1.0	14	1	M110849	
 Engine	8.2T	205	4.0	9.0	5.0	102	229	127	1.0	13	3	M090823	
			4.0	10.0	4.0	102	254	102	2.8	39	3	M100146	
			4.0	11.8	5.0	102	300	127	1.0	14	3	M120598	
			5.0	10.0	5.0	127	254	127	0.9	13	3	M100213	
	Series 50 (8.7 Ltr)	250 to 275	4.0	9.0	5.0	102	229	127	1.8	25	3	M090823	
			4.0	11.8	5.0	102	300	127	1.9	26	3	M120598	
			5.0	10.0	5.0	127	254	127	1.7	23	3	M100213	
	Series 50 (8.7 Ltr)	300 to 350	4.0	9.0	5.0	102	229	127	2.3	32	3	M090823	
			4.0	11.8	5.0	102	300	127	2.4	33	3	M120598	
			5.0	10.0	5.0	127	254	127	2.2	29	3	M100213	
	Series 60	330	5.0	10.0	5.0	127	254	127	2.9	40	3	M100213	
	Series 60 (11.1 Ltr)	350 to 365	4.0	9.0	5.0	102	229	127	2.2	30	3	M090823	
			4.0	11.8	5.0	102	300	127	2.4	32	3	M120598	
			5.0	10.0	5.0	127	254	127	2.1	28	3	M100213	
	Series 40E (7.6 LTA)	175 to 190	4.0	9.0	5.0	102	229	127	1.5	21	3	M090823	
			4.0	11.8	5.0	102	300	127	1.6	22	3	M120598	
			5.0	10.0	5.0	127	254	127	1.4	19	3	M100213	
	Series 40E (7.6 LTA)	210 to 250	4.0	9.0	5.0	102	229	127	1.8	24	3	M090823	
			4.0	11.8	5.0	102	300	127	1.9	25	3	M120598	
			5.0	10.0	5.0	127	254	127	1.6	22	3	M100213	
	Series 40E (8.7 LTA)	250 to 330	4.0	9.0	5.0	102	229	127	1.8	24	3	M090823	
			5.0	10.0	5.0	127	254	127	1.7	23	3	M100213	
			4.0	11.8	5.0	102	300	127	1.9	26	3	M120598	
 Engine	6-71T	275	5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	25	2	M122300	For off-hwy, shorter than OE
	6V-92T	320	5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	25	2	M122300	For off-hwy, shorter than OE
	6V-92TA	350	6.0	10x15	6.0	152	254x381	152	2.5	34	2	M122300	For off-hwy, shorter than OE
	6V-92TA	335	6.0	10x15	6.0	152	254x381	152	2.5	34	2	M122300	For off-hwy, shorter than OE
	6V-92TT	270	5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	24	2	M122300	For off-hwy, shorter than OE
	6V-92TTA	270	5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	25	2	M122300	For off-hwy, shorter than OE
	8.2T	205	3.0	11.0	4.0	76	279	102	1.0	14	1	M111029	OE replacement



Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
			3.5	8.3x11.5	3.5	89	211x292	89	2.9	39	2	M090158	
			3.5	8.5x11.8	3.5	89	216x300	89	2.9	39	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.7	24	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	1.7	23	2	M110012	
			4.0	11.0	4.0	102	279	102	1.5	21	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	0.9	12	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	3.5	102	211x292	89	2.8	38	2	M090538	
			4.0	8.3x11.5	4.0	102	211x292	102	1.7	23	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.6	22	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	1.3	17	2	M120100	Aftermarket, shorter than OE
			4.0	10.3x15.3	4.0	102	261x389	102	2.6	35	2	M120197	Wrapped muffler, OE
			5.0	10x15	5.0	127	254x381	127	0.9	13	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.6	8	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	13	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120448	OE replacement
8V-71T	335		5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.0	27	2	M122300	For off-hwy, shorter than OE
8V-71TA	370		6.0	10x15	6.0	152	254x381	152	2.6	35	2	M122300	For off-hwy, shorter than OE
8V-71TT	305		6.0	10x15	6.0	152	254x381	152	2.6	35	2	M122300	For off-hwy, shorter than OE
8V-71TTA	305		5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	25	2	M122300	For off-hwy, shorter than OE
8V-92TT	365		6.0	10x15	6.0	152	254x381	152	2.8	38	2	M122300	For off-hwy, shorter than OE
8V-92TTA	445		6.0	10x15	6.0	152	254x381	152	2.6	35	2	M122300	For off-hwy, shorter than OE
Series 60 (11.1 Ltr)	315 to 365		3.0	11.0	4.0	76	279	102	2.4	32	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.0	27	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	39	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.1	16	2	M122300	For off-hwy, shorter than OE
Series 50 (8.7 Ltr)	250 to 275		3.0	11.0	4.0	76	279	102	2.2	30	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	1.9	26	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.7	37	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.1	15	2	M122300	For off-hwy, shorter than OE
Series 50 (8.7 Ltr)	300 to 350		3.0	11.0	4.0	76	279	102	2.5	33	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.1	28	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	3.0	40	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.2	16	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	330 to 400		5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.9	25	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	430		5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.0	28	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	470 to 500		5.0	10x15	5.0	127	254x381	127	2.9	39	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.4	32	2	M122300	For off-hwy, shorter than OE
Series 60 (14 Ltr)	550-575		6.0	10x15	6.0	152	254x381	152	3.0	40	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	Cruise Power 330/350 & 370/430		5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.0	28	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	Cruise Power 430/470		5.0	10x15	5.0	127	254x381	127	2.6	35	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.1	29	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	Cruise Power 470/500		5.0	10x15	5.0	127	254x381	127	2.9	39	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.4	32	2	M122300	For off-hwy, shorter than OE
Series 40E	175 to 190		3.0	11.0	4.0	76	279	102	1.6	22	1	M111029	OE replacement

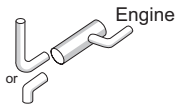
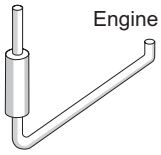
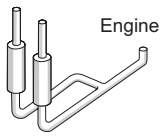
Truck Engine Muffler Application

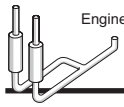
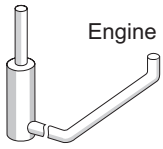
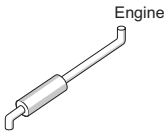
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
	(7.6 LTA)		4.0	10.0	4.0	102	254	102	2.7	36	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.6	35	2	M110012	
			4.0	11.0	4.0	102	279	102	2.3	32	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.4	18	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	4.0	102	211x292	102	2.6	36	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	33	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	1.9	26	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	20	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.9	13	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120448	OE replacement
	Series 40E (7.6 LTA)	210 to 250	3.0	11.0	4.0	76	279	102	1.9	25	1	M111029	OE replacement
			4.0	11.0	4.0	102	279	102	3.0	40	2	M110012	
			4.0	11.0	4.0	102	279	102	2.7	37	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.6	21	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	4.0	102	211x292	102	2.8	38	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	2.2	30	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	24	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120448	OE replacement
	Series 40E	250 to 275	3.0	11.0	4.0	76	279	102	1.9	26	1	M111029	OE replacement
			4.0	11.0	4.0	102	279	102	2.8	38	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.6	22	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	4.0	102	211x292	102	2.9	40	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	2.3	32	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120448	OE replacement
	Series 40E (8.7 LTA)	300 to 330	4.0	11.0	5.0	102	279	127	1.8	24	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.5	34	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120448	OE replacement
	Series 60 (12.7 Ltr)	330 to 400	5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	36	5	M120450	OE replacement
	Series 60 (12.7 Ltr)	430 to 500	5.0	10x15	5.0	127	254x381	127	2.9	39	5	M120131	For off-hwy, shorter than OE
	Series 60 (12.7 Ltr)	Cruise Power 330/350 & 370/430	5.0	10x15	5.0	127	254x381	127	2.4	33	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.9	39	5	M120450	OE replacement
	Series 60 (12.7 Ltr)	Cruise Power 430/470 & 470/500	5.0	10x15	5.0	127	254x381	127	2.6	35	5	M120131	For off-hwy, shorter than OE
	Series 60 (11.1 Ltr)	350 to 365	4.0	11.0	4.0	102	279	102	2.9	40	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.9	26	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.0	27	4	M120366	OE replacement
	Series 50 (8.7 Ltr)	250 to 275	4.0	11.0	4.0	102	279	102	2.7	37	4	M110112	
			4.0	11.0	4.0	102	279	102	2.7	37	4	M110148	
			4.0	11.0	4.0	102	279	102	2.7	37	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.4	32	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.5	21	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.6	35	4	M120417	Aftermarket, shorter than OE
	Series 50 (8.7 Ltr)	300	4.0	11.0	4.0	102	279	102	2.6	36	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.7	23	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.8	24	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.9	39	4	M120417	Aftermarket, shorter than OE
	Series 50 (8.7 Ltr)	315 to 350	4.0	11.0	4.0	102	279	102	3.0	40	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	2.0	27	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.1	28	4	M120366	OE replacement
	Series 40E (7.6 LTA)	175-195	4.0	10.0	4.0	102	254	102	2.8	38	4	M100052	
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110112	
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110148	
			4.0	11.0	4.0	102	279	102	2.3	31	4	M110311	Inlet dimension is OD

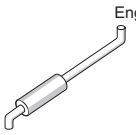
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
			4.0	11.0	4.0	102	279	102	2.0	27	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.7	36	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.2	30	4	M120417	Aftermarket, shorter than OE
	Series 40E (7.6 LTA)	210 to 250	4.0	11.0	4.0	102	279	102	2.6	36	4	M110112	
			4.0	11.0	4.0	102	279	102	2.6	36	4	M110148	
			4.0	11.0	4.0	102	279	102	2.6	36	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.3	31	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.5	20	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.6	21	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.5	34	4	M120417	Aftermarket, shorter than OE
	Series 40E (8.7 LTA)	250 to 275	4.0	11.0	4.0	102	279	102	2.7	37	4	M110112	
			4.0	11.0	4.0	102	279	102	2.7	37	4	M110148	
			4.0	11.0	4.0	102	279	102	2.7	37	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.4	32	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.6	21	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.6	36	4	M120417	Aftermarket, shorter than OE
	Series 40E (8.7 LTA)	300 to 320	4.0	11.0	4.0	102	279	102	3.0	40	4	M110112	
			4.0	11.0	4.0	102	279	102	3.0	40	4	M110148	
			4.0	11.0	4.0	102	279	102	3.0	40	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.6	35	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.7	23	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.8	24	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.8	39	4	M120417	Aftermarket, shorter than OE
	8.2T	205	4.0	10.0	4.0	102	254	102	1.8	25	6	M100572	
			4.0	11.0	4.0	102	279	102	1.4	19	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	0.9	13	6	M120418	For off-hwy, shorter than OE
	Series 60 (11.1 Ltr)	350 to 365	5.0	10x15	5.0	127	254x381	127	2.1	28	6	M120418	For off-hwy, shorter than OE
	Series 50 (8.7 Ltr)	250 to 275	4.0	11.0	4.0	102	279	102	2.6	35	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.7	23	6	M120418	For off-hwy, shorter than OE
	Series 50 (8.7 Ltr)	300	4.0	11.0	4.0	102	279	102	2.9	39	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	26	6	M120418	For off-hwy, shorter than OE
	Series 50 (8.7 Ltr)	320 to 350	5.0	10x15	5.0	127	254x381	127	2.2	29	6	M120418	For off-hwy, shorter than OE
	Series 40E (7.6 LTA)	175 to 195	4.0	10.0	4.0	102	254	102	2.9	40	6	M100572	
			4.0	11.0	4.0	102	279	102	2.3	31	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.5	20	6	M120418	For off-hwy, shorter than OE
	Series 40E (7.6 LTA)	210 to 250	4.0	11.0	4.0	102	279	102	2.5	34	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.6	22	6	M120418	For off-hwy, shorter than OE
	Series 40E (8.7 LTA)	250 to 275	4.0	11.0	4.0	102	279	102	2.6	36	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.7	23	6	M120418	For off-hwy, shorter than OE
	Series 40E (8.7 LTA)	300 to 320	4.0	11.0	4.0	102	279	102	2.8	39	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	25	6	M120418	For off-hwy, shorter than OE
	Series 60 (11.1 Ltr)	350 to 365	5.0	10x15		127	254x381		2.6	36	3	M120235	OE replacement
	Series 50 (8.7 Ltr)	250 to 275	4.0	11.0	5.0	102	279		3.0	40	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	2.1	29	3	M120235	OE replacement
	Series 50 (8.7 Ltr)	300	5.0	10x15	5.0	127	254x381	127	2.3	32	3	M120235	OE replacement
	Series 50 (8.7 Ltr)	320	5.0	10x15	5.0	127	254x381	127	2.4	33	3	M120235	OE replacement
	Series 50 (8.7 Ltr)	350	5.0	10x15	5.0	127	254x381	127	2.7	37	3	M120235	OE replacement
	Series 40E (7.6 LTA)	175 to 195	4.0	11.0	4.0	102	279	102	2.6	36	3	M110479	
			4.0	11.0	4.0	102	279	102	2.4	33	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.4	32	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.6	21	3	M120235	OE replacement
	Series 40E (7.6 LTA)	210 to 250	5.0	10x15	5.0	127	254x381	127	2.0	28	3	M120235	OE replacement
	Series 40E	250	4.0	11.0	4.0	102	279	102	3.0	40	3	M110674	Band clamp on inlet

Truck Engine Muffler Application

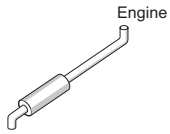
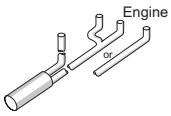
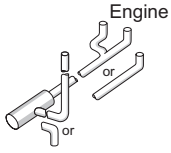
Donaldson FILTRATION SOLUTIONS

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
	(8.7 LTA)		4.0	11.0		102	279		2.9	39	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.9	26	3	M120235	OE replacement
	Series 40E (8.7 LTA)	275 to 300	5.0	10x15	5.0	127	254x381	127	2.2	30	3	M120235	OE replacement
	Series 40E (8.7 LTA)	320	5.0	10x15	5.0	127	254x381	127	2.3	31	3	M120235	OE replacement
International													
	DT817	385	4.0	8.5	4.0	102	216	102	1.7	23	1	M085171	
			4.0	9.0	5.0	102	229	127	2.4	33	1	M090781	
			5.0	9.0	5.0	127	229	127	2.0	28	1	M090074	
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.8	25	1	M110849	
	DT812B	320	4.0	8.5	4.0	102	216	102	1.7	23	1	M085171	
			4.0	9.0	5.0	102	229	127	2.4	33	1	M090781	
			5.0	9.0	5.0	127	229	127	2.0	28	1	M090074	
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.8	25	1	M110849	
	DT817C	420	4.0	8.5	4.0	102	216	102	1.7	23	1	M085171	
			4.0	9.0	5.0	102	229	127	2.4	33	1	M090781	
			5.0	9.0	5.0	127	229	127	2.0	28	1	M090074	
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.8	25	1	M110849	
	DT817	385	4.0	9.0	4.0	102	229	102	1.0	14	1	M090544	
			4.0	10.3	4.0	102	262	102	2.0	27	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.1	14	1	M100466	
			4.0	10.0	5.0	102	254	127	1.7	23	1	M100695	
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849	
	DT812B	320	4.0	9.0	4.0	102	229	102	1.0	14	1	M090544	
			4.0	10.3	4.0	102	262	102	2.0	27	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.1	14	1	M100466	
			4.0	10.0	5.0	102	254	127	1.7	23	1	M100695	
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849	
	DT817C	420	4.0	9.0	4.0	102	229	102	1.0	14	1	M090544	
			4.0	10.3	4.0	102	262	102	2.0	27	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.1	14	1	M100466	
			4.0	10.0	5.0	102	254	127	1.7	23	1	M100695	
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100582	OE replacement

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849	
	6.9L	170	4.0	10.0	4.0	102	254	102	1.1	15	3	M100146	
	7.3L (T444)	175	4.0	10.0	4.0	102	254	102	1.3	17	3	M100146	
	9.0L	185	4.0	9.0	5.0	102	229	127	0.6	9	3	M090823	
			4.0	10.0	4.0	102	254	102	1.8	24	3	M100146	
			4.0	11.8	5.0	102	300	127	0.7	9	3	M120598	
			5.0	10.0	5.0	127	254	127	0.6	8	3	M100213	
	DT360	190	4.0	9.0	5.0	102	229	127	1.1	15	3	M090823	
			4.0	11.8	5.0	102	300	127	1.2	16	3	M120598	
			5.0	10.0	5.0	127	254	127	1.0	14	3	M100213	
	DT466E	195 to 275	4.0	9.0	5.0	102	229	127	1.7	22	3	M090823	
			4.0	11.8	5.0	102	300	127	1.7	24	3	M120598	
			5.0	10.0	5.0	127	254	127	1.5	21	3	M100213	
	DT414	220	4.0	9.0	5.0	102	229	127	0.7	9	3	M090823	
			4.0	10.0	4.0	102	254	102	1.9	26	3	M100146	
			4.0	11.8	5.0	102	300	127	0.7	10	3	M120598	
			5.0	10.0	5.0	127	254	127	0.6	9	3	M100213	
	DT420	225	4.0	10.0	4.0	102	254	102	1.6	21	3	M100146	
	6.9L	170	3.0	8.5	3.0	76	216	76	1.6	22	2	M085023	
			3.0	8.5	3.0	76	216	76	1.6	22	2	M085056	
			3.0	8.5	3.0	76	216	76	2.0	28	2	M085078	
			3.0	8.3x11.5	3.0	76	211x292	76	2.9	39	2	M090170	
			3.0	8.5x11.8	3.0	76	216x300	76	2.9	39	2	M090159	Wrapped muffler
			3.5	8.5	3.0	89	216	76	1.5	20	2	M085008	
			3.5	8.3x11.5	3.5	89	211x292	89	1.1	15	2	M090158	
			3.5	8.3x11.5	4.0	89	211x292	102	0.7	9	2	M090680	OE replacement
			3.5	8.5x11.8	3.5	89	216x300	89	1.1	15	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	0.7	9	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	0.7	9	2	M110012	
			4.0	11.0	4.0	102	279	102	0.6	8	2	M110189	OE replacement
			4.0	8.3x11.5	3.5	102	211x292	89	1.1	15	2	M090538	
			4.0	8.3x11.5	4.0	102	211x292	102	0.7	9	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	0.6	9	2	M090534	Aftermarket, shorter than OE
			4.0	10.3x15.3	4.0	102	261x389	102	1.0	14	2	M120197	Wrapped muffler, OE
	7.3L (T444)	175	3.0	8.5	3.0	76	216	76	1.8	24	2	M085023	
			3.0	8.5	3.0	76	216	76	1.8	24	2	M085056	
			3.0	8.5	3.0	76	216	76	2.3	31	2	M085078	
			3.5	8.5	3.0	89	216	76	1.7	23	2	M085008	
			3.5	8.3x11.5	3.5	89	211x292	89	1.3	17	2	M090158	
			3.5	8.3x11.5	4.0	89	211x292	102	0.8	10	2	M090680	OE replacement
			3.5	8.5x11.8	3.5	89	216x300	89	1.3	17	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	0.8	10	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	0.7	10	2	M110012	
			4.0	11.0	4.0	102	279	102	0.7	9	2	M110189	OE replacement
			4.0	8.3x11.5	3.5	102	211x292	89	1.2	17	2	M090538	
			4.0	8.3x11.5	4.0	102	211x292	102	0.8	10	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	0.7	10	2	M090534	Aftermarket, shorter than OE
			4.0	10.3x15.3	4.0	102	261x389	102	1.2	16	2	M120197	Wrapped muffler, OE
	9.0L	185	3.0	8.5	3.0	76	216	76	2.5	34	2	M085023	
			3.0	8.5	3.0	76	216	76	2.5	34	2	M085056	
			3.0	11.0	4.0	76	279	102	0.7	9	1	M111029	OE replacement
			3.5	8.5	3.0	89	216	76	2.4	33	2	M085008	
			3.5	8.3x11.5	3.5	89	211x292	89	1.8	25	2	M090158	
			3.5	8.3x11.5	4.0	89	211x292	102	1.1	15	2	M090680	OE replacement
			3.5	8.5x11.8	3.5	89	216x300	89	1.8	25	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.1	15	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	1.1	14	2	M110012	
			4.0	11.0	4.0	102	279	102	1.0	13	2	M110189	OE replacement
			4.0	10x15	4.0	102	254x381	102	0.8	11	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	3.5	102	211x292	89	1.8	24	2	M090538	
			4.0	8.3x11.5	4.0	102	211x292	102	1.1	15	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.0	14	2	M090534	Aftermarket, shorter than OE
			4.0	10.3x15.3	4.0	102	261x389	102	1.7	22	2	M120197	Wrapped muffler, OE
			5.0	10x15	5.0	127	254x381	127	0.6	8	2	M120365	Aftermarket



Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style & Part No.		Notes
			5.0	10x15	5.0	127	254x381	127	0.6	9	2	M120448	OE replacement
	DT360	190	3.0	11.0	4.0	76	279	102	1.2	16	1	M111029	OE replacement
			3.5	8.3x11.5	4.0	89	211x292	102	1.9	26	2	M090680	OE replacement
			4.0	10.0	4.0	102	254	102	2.0	27	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	1.9	26	2	M110012	
			4.0	11.0	4.0	102	279	102	1.7	23	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.0	14	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.4	19	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.8	24	2	M090534	Aftermarket, shorter than OE
			4.0	10.3x15.3	4.0	102	261x389	102	2.9	40	2	M120197	Wrapped muffler, OE
			5.0	10x15	5.0	127	254x381	127	1.1	14	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.7	9	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120448	OE replacement
	DT466E	195 to 210	3.0	11.0	4.0	76	279	102	1.5	20	1	M111029	OE replacement
			3.5	8.3x11.5	4.0	89	211x292	102	2.4	32	2	M090680	OE replacement
			4.0	10.0	4.0	102	254	102	2.4	33	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.3	32	2	M110012	
			4.0	11.0	4.0	102	279	102	2.1	29	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.2	17	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	4.0	102	211x292	102	2.4	32	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.2	30	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	1.8	24	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.8	12	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120448	OE replacement
	DT466E	230 to 275	3.0	11.0	4.0	76	279	102	1.7	24	1	M111029	OE replacement
			3.5	8.3x11.5	4.0	89	211x292	102	2.8	39	2	M090680	OE replacement
			4.0	10.0	4.0	102	254	102	2.9	39	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.8	38	2	M110012	
			4.0	11.0	4.0	102	279	102	2.5	34	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.5	20	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	4.0	102	211x292	102	2.8	39	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.7	36	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	2.1	29	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120448	OE replacement
	DT414	220	3.0	8.5	3.0	76	216	76	2.7	37	2	M085023	
			3.0	8.5	3.0	76	216	76	2.7	37	2	M085056	
			3.0	11.0	4.0	76	279	102	0.7	10	1	M111029	OE replacement
			3.5	8.5	3.0	89	216	76	2.6	35	2	M085008	
			3.5	8.3x11.5	3.5	89	211x292	89	2.0	27	2	M090158	
			3.5	8.3x11.5	4.0	89	211x292	102	1.2	16	2	M090680	OE replacement
			3.5	8.5x11.8	3.5	89	216x300	89	2.0	27	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.2	16	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	1.1	16	2	M110012	
			4.0	11.0	4.0	102	279	102	1.0	14	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	0.6	8	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	3.5	102	211x292	89	1.9	26	2	M090538	
			4.0	8.3x11.5	4.0	102	211x292	102	1.2	16	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.1	15	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	0.9	12	2	M120100	Aftermarket, shorter than OE
			4.0	10.3x15.3	4.0	102	261x389	102	1.8	24	2	M120197	Wrapped muffler, OE
			5.0	10x15	5.0	127	254x381	127	0.6	9	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.7	9	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	0.7	9	2	M120448	OE replacement
	DT420	225	3.0	8.5	3.0	76	216	76	2.2	30	2	M085023	
			3.0	8.5	3.0	76	216	76	2.2	30	2	M085056	
			3.0	8.5	3.0	76	216	76	2.8	39	2	M085078	
			3.5	8.5	3.0	89	216	76	2.1	28	2	M085008	
			3.5	8.3x11.5	3.5	89	211x292	89	1.6	21	2	M090158	
			3.5	8.3x11.5	4.0	89	211x292	102	0.9	13	2	M090680	OE replacement
			3.5	8.5x11.8	3.5	89	216x300	89	1.6	21	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.0	13	2	M100048	Aftermarket

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
 Engine			4.0	11.0	4.0	102	279	102	0.9	13	2	M110012	
			4.0	11.0	4.0	102	279	102	0.8	11	2	M110189	OE replacement
			4.0	8.3x11.5	3.5	102	211x292	89	1.5	21	2	M090538	
			4.0	8.3x11.5	4.0	102	211x292	102	0.9	13	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	0.9	12	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	0.7	9	2	M120100	Aftermarket, shorter than OE
			4.0	10.3x15.3	4.0	102	261x389	102	1.4	20	2	M120197	Wrapped muffler, OE
			5.0	10x15	5.0	127	254x381	127	0.6	8	2	M120448	OE replacement
	DT817	385	4.0	11.0	5.0	102	279	127	2.8	39	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE
	DT812B	320	4.0	11.0	5.0	102	279	127	2.8	39	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE
	DT817C	420	4.0	11.0	5.0	102	279	127	2.8	39	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE
 Engine or	DT817	385	5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120450	OE replacement
	DT812B	320	5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120450	OE replacement
	DT817C	420	5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120450	OE replacement
 Engine or or	6.9L	170	3.5	8.3x11.5	4.0	89	211x292	102	0.9	12	4	M090547	OE replacement
			4.0	10.0	4.0	102	254	102	0.7	10	4	M100052	
			4.0	11.0	4.0	102	279	102	0.6	8	4	M110112	
			4.0	10x15	4.0	102	254x381	102	0.7	9	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.6	8	4	M120417	Aftermarket, shorter than OE
	7.3L (T444)	175	3.5	8.3x11.5	4.0	89	211x292	102	1.0	13	4	M090547	OE replacement
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	0.6	8	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	0.8	11	4	M100052	
			4.0	11.0	4.0	102	279	102	0.7	9	4	M110112	
			4.0	11.0	4.0	102	279	102	0.7	9	4	M110148	
			4.0	11.0	4.0	102	279	102	0.7	9	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	0.6	8	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	0.8	10	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.6	9	4	M120417	Aftermarket, shorter than OE
	9.0L	185	3.5	8.3x11.5	4.0	89	211x292	102	1.4	19	4	M090547	OE replacement
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	0.9	12	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	1.1	15	4	M100052	
			4.0	11.0	4.0	102	279	102	0.9	13	4	M110112	
			4.0	11.0	4.0	102	279	102	0.9	13	4	M110148	
			4.0	11.0	4.0	102	279	102	0.9	13	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	0.8	11	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	0.6	8	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	1.1	15	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.9	12	4	M120417	Aftermarket, shorter than OE
	DT360	190	3.5	8.3x11.5	4.0	89	211x292	102	2.5	34	4	M090547	OE replacement
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	1.6	21	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	2.0	27	4	M100052	
			5.0	11.0	5.0	127	279	127	0.9	13	4	M110014	OE replacement
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110112	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110148	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.5	20	4	M111025	Inlet & outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.0	14	4	M120366	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.0	27	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120417	Aftermarket, shorter than OE
	DT466E	195 to 210	3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	1.9	26	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	2.5	34	4	M100052	
			4.0	11.0	4.0	102	279	102	2.0	28	4	M110112	
			4.0	11.0	4.0	102	279	102	2.0	28	4	M110148	
			4.0	11.0	4.0	102	279	102	2.0	28	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.8	24	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.4	33	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.2	16	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.2	17	4	M120366	OE replacement

Truck Engine Muffler Application

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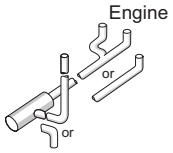
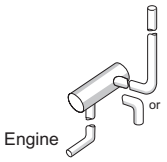
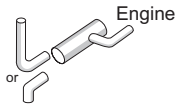
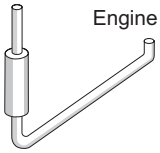


Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
			5.0	10x15	5.0	127	254x381	127	2.0	27	4	M120417	Aftermarket, shorter than OE
	DT466E	230 to 275	3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	2.3	31	4	M090548	OE replacement
			4.0	11.0	4.0	102	279	102	2.5	33	4	M110112	
			4.0	11.0	4.0	102	279	102	2.5	33	4	M110148	
			4.0	11.0	4.0	102	279	102	2.5	33	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.2	29	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	39	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.4	19	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.5	20	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.4	32	4	M120417	Aftermarket, shorter than OE
	DT414	220	3.5	8.3x11.5	4.0	89	211x292	102	1.5	21	4	M090547	OE replacement
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	0.9	13	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	1.2	17	4	M100052	
			4.0	11.0	4.0	102	279	102	1.0	14	4	M110112	
			4.0	11.0	4.0	102	279	102	1.0	14	4	M110148	
			4.0	11.0	4.0	102	279	102	1.0	14	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	0.9	12	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.2	16	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	0.6	8	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	0.6	8	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.0	13	4	M120417	Aftermarket, shorter than OE
	DT420	225	3.5	8.3x11.5	4.0	89	211x292	102	1.2	17	4	M090547	OE replacement
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	0.8	10	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	1.0	13	4	M100052	
			4.0	11.0	4.0	102	279	102	0.8	11	4	M110112	
			4.0	11.0	4.0	102	279	102	0.8	11	4	M110148	
			4.0	11.0	4.0	102	279	102	0.8	11	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	0.7	10	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.0	13	4	M120367	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.8	11	4	M120417	Aftermarket, shorter than OE
	DT817	385	5.0	11.0	5.0	127	279	127	2.7	37	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.8	39	4	M120366	OE replacement
	DT812B	320	5.0	11.0	5.0	127	279	127	2.7	37	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.8	39	4	M120366	OE replacement
	DT817C	420	5.0	11.0	5.0	127	279	127	2.7	37	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.8	39	4	M120366	OE replacement
	6.9L	170	3.0	8.5	3.0	76	216	76	1.8	24	6	M085208	
			3.5	8.3x11.5	3.5	89	211x292	89	1.5	20	6	M090598	
			4.0	10.0	4.0	102	254	102	0.7	10	6	M100572	
			4.0	11.0	4.0	102	279	102	0.6	8	6	M111026	Outlet dimension is OD
	7.3L (T444)	175	3.0	8.5	3.0	76	216	76	2.0	27	6	M085208	
			3.5	8.3x11.5	3.5	89	211x292	89	1.6	22	6	M090598	
			4.0	10.0	4.0	102	254	102	0.8	11	6	M100572	
			4.0	11.0	4.0	102	279	102	0.6	9	6	M111026	Outlet dimension is OD
	9.0L	185	3.0	8.5	3.0	76	216	76	2.8	38	6	M085208	
			3.5	8.3x11.5	3.5	89	211x292	89	2.3	32	6	M090598	
			4.0	10.0	4.0	102	254	102	1.2	16	6	M100572	
			4.0	11.0	4.0	102	279	102	0.9	12	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	0.6	8	6	M120418	For off-hwy, shorter than OE
	DT360	190	4.0	10.0	4.0	102	254	102	2.1	28	6	M100572	
			4.0	11.0	4.0	102	279	102	1.6	22	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.0	14	6	M120418	For off-hwy, shorter than OE
	DT466E	195 to 210	4.0	10.0	4.0	102	254	102	2.5	35	6	M100572	
			4.0	11.0	4.0	102	279	102	2.0	27	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.3	17	6	M120418	For off-hwy, shorter than OE
	DT466E	250 to 275	5.0	10x15	5.0	127	254x381	127	1.5	21	6	M120418	For off-hwy, shorter than OE
			4.0	11.0	4.0	102	279	102	2.4	32	6	M111026	Outlet dimension is OD
	DT414	220	3.5	8.3x11.5	3.5	89	211x292	89	2.5	34	6	M090598	
			4.0	10.0	4.0	102	254	102	1.3	17	6	M100572	
			4.0	11.0	4.0	102	279	102	1.0	13	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	0.6	9	6	M120418	For off-hwy, shorter than OE
	DT420	225	3.0	8.5	3.0	76	216	76	2.4	33	6	M085208	
			3.5	8.3x11.5	3.5	89	211x292	89	2.0	28	6	M090598	
			4.0	10.0	4.0	102	254	102	1.0	14	6	M100572	
			4.0	11.0	4.0	102	279	102	0.8	11	6	M111026	Outlet dimension is OD
	DT817	385	5.0	10x15	5.0	127	254x381	127	3.0	40	6	M120418	For off-hwy, shorter than OE



Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
	DT812B	320	5.0	10x15	5.0	127	254x381	127	3.0	40	6	M120418	For off-hwy, shorter than OE
	DT817C	420	5.0	10x15	5.0	127	254x381	127	3.0	40	6	M120418	For off-hwy, shorter than OE
	6.9L	170	3.5	8.5	3.0	89	216	76	3.0	40	3	M085084	
			3.0	8.8	3.0	76	222	76	2.9	40	3	M085226	Wrapped muffler
			3.5	8.3x11.5	3.5	89	211x292	89	1.6	22	3	M090301	
			4.0	11.0	4.0	102	279	102	0.8	10	3	M110479	
			4.0	11.0	4.0	102	279	102	0.7	10	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		0.7	9	3	M111024	Outlet has down spout
	7.3L (T444)	175	3.5	8.3x11.5	3.5	89	211x292	89	1.8	24	3	M090301	
			4.0	11.0	4.0	102	279	102	0.9	12	3	M110479	
			4.0	11.0	4.0	102	279	102	0.8	11	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		0.8	10	3	M111024	Outlet has down spout
	9.0L	185	3.5	8.3x11.5	3.5	89	211x292	89	2.6	35	3	M090301	
			4.0	11.0	4.0	102	279	102	1.2	17	3	M110479	
			4.0	11.0	4.0	102	279	102	1.1	15	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		1.1	15	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	0.7	10	3	M120235	OE replacement
	DT360	190	4.0	11.0	4.0	102	279	102	2.2	30	3	M110479	
			4.0	11.0	4.0	102	279	102	2.0	27	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.0	27	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.3	18	3	M120235	OE replacement
	DT466E	195 to 210	4.0	11.0	4.0	102	279	102	2.7	37	3	M110479	
			4.0	11.0	4.0	102	279	102	2.5	34	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.4	33	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.6	22	3	M120235	OE replacement
	DT466E	250 to 275	4.0	11.0		102	279		2.9	39	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.9	26	3	M120235	OE replacement
	DT414	220	3.5	8.3x11.5	3.5	89	211x292	89	2.8	38	3	M090301	
			4.0	11.0	4.0	102	279	102	1.3	18	3	M110479	
			4.0	11.0	4.0	102	279	102	1.2	17	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		1.2	16	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	0.8	11	3	M120235	OE replacement
	DT420	225	3.5	8.3x11.5	3.5	89	211x292	89	2.2	30	3	M090301	
			4.0	11.0	4.0	102	279	102	1.1	15	3	M110479	
			4.0	11.0	4.0	102	279	102	1.0	13	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		1.0	13	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	0.6	9	3	M120235	OE replacement
Mack													
	E9	500	5.0	9.0	5.0	127	229	127	1.9	26	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100463	Low backpressure, off-hwy
	ENDT865	325	4.0	8.5	4.0	102	216	102	1.6	22	1	M085171	
			4.0	9.0	5.0	102	229	127	2.3	32	1	M090781	
			5.0	9.0	5.0	127	229	127	2.0	27	1	M090074	
			5.0	9.0	5.0	127	229	127	1.5	20	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	14	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.1	29	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	33	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.8	24	1	M110849	
	ENDT866	375	4.0	8.5	4.0	102	216	102	2.0	27	1	M085171	
			4.0	9.0	5.0	102	229	127	2.8	38	1	M090781	
			5.0	9.0	5.0	127	229	127	2.4	32	1	M090074	
			5.0	9.0	5.0	127	229	127	1.3	17	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.3	17	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.7	36	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.9	39	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	2.1	29	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.6	35	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.6	35	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.7	36	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.1	29	1	M110849	
	E7 or E6	300 to 350	4.0	8.5	4.0	102	216	102	0.9	12	1	M085171	

Truck Engine Muffler Application

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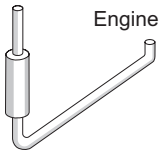
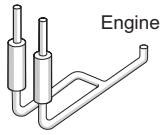
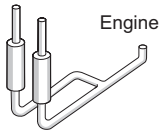
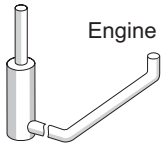
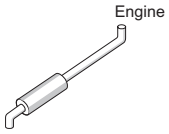


Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090074	
			5.0	9.0	5.0	127	229	127	0.6	8	1	M090535	Low backpressure, off-hwy
			4.0	9.0	5.0	102	229	127	1.3	17	1	M090781	
			5.0	10.0	5.0	127	254	127	0.6	8	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	16	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.2	16	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.0	13	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.0	13	1	M110849	
	E7	400	4.0	8.5	4.0	102	216	102	1.1	15	1	M085171	
			4.0	9.0	5.0	102	229	127	1.6	22	1	M090781	
			5.0	9.0	5.0	127	229	127	1.4	19	1	M090074	
			5.0	9.0	5.0	127	229	127	0.7	10	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.7	10	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.5	20	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.5	21	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.7	23	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.2	17	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.5	20	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.5	20	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.5	21	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.2	17	1	M110849	
	E7	427 to 460	4.0	8.5	4.0	102	216	102	1.6	22	1	M085171	
			4.0	9.0	5.0	102	229	127	2.3	31	1	M090781	
			5.0	9.0	5.0	127	229	127	1.9	26	1	M090074	
			5.0	9.0	5.0	127	229	127	1.0	14	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.0	14	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.1	28	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.3	32	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.7	24	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.1	28	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.1	28	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.7	23	1	M110849	
	E7	310/330 & 330/355	4.0	8.5	4.0	102	216	102	0.9	12	1	M085171	
			4.0	9.0	5.0	102	229	127	1.2	17	1	M090781	
			5.0	9.0	5.0	127	229	127	1.0	14	1	M090074	
			5.0	9.0	5.0	127	229	127	0.6	8	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.6	8	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.2	16	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.3	17	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	0.9	13	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.1	15	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.1	15	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	0.9	13	1	M110849	
	E7	355/380	4.0	8.5	4.0	102	216	102	1.0	14	1	M085171	
			5.0	9.0	5.0	127	229	127	1.2	16	1	M090074	
			5.0	9.0	5.0	127	229	127	0.6	9	1	M090535	Low backpressure, off-hwy
			4.0	9.0	5.0	102	229	127	1.4	19	1	M090781	
			5.0	10.0	5.0	127	254	127	0.6	9	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.3	17	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.4	18	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.5	20	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.4	18	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.1	14	1	M110849	
	E9	500	4.0	9.0	4.0	102	229	102	1.7	24	1	M090544	
			4.0	10.0	4.0	102	254	102	1.9	25	1	M100466	
			4.0	10.0	5.0	102	254	127	3.0	40	1	M100695	
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	1.2	17	1	M110849	
	ENDT865	325	4.0	9.0	4.0	102	229	102	1.0	13	1	M090544	

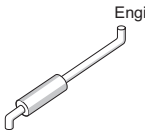
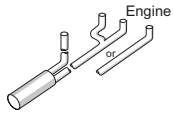
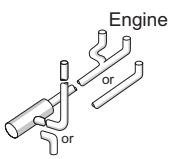


Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
 Engine			4.0	10.3	4.0	102	262	102	1.9	26	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.0	14	1	M100466	
			4.0	10.0	5.0	102	254	127	1.6	22	1	M100695	
			5.0	10.0	5.0	127	254	127	1.3	17	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.3	17	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.3	17	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849	
	ENDT866	375	4.0	9.0	4.0	102	229	102	1.2	16	1	M090544	
			4.0	10.3	4.0	102	262	102	2.3	31	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.2	17	1	M100466	
			4.0	10.0	5.0	102	254	127	2.0	27	1	M100695	
			5.0	10.0	5.0	127	254	127	1.5	21	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.5	21	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.5	21	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.8	11	1	M110849	
	E7 or E6	300 to 350	4.0	10.3	4.0	102	262	102	1.1	14	1	M100464	Wrapped muffler
			4.0	10.0	5.0	102	254	127	0.9	12	1	M100695	
			5.0	10.0	5.0	127	254	127	0.7	9	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	0.7	9	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	0.7	9	1	M101182	Silent Partner Aluminized
	E7	400	4.0	9.0	4.0	102	229	102	0.7	9	1	M090544	
			4.0	10.3	4.0	102	262	102	1.3	18	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	0.7	10	1	M100466	
			4.0	10.0	5.0	102	254	127	1.1	15	1	M100695	
			5.0	10.0	5.0	127	254	127	0.9	12	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	0.9	12	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	0.9	12	1	M101182	Silent Partner Aluminized
	E7	427 to 460	4.0	9.0	4.0	102	229	102	0.9	13	1	M090544	
			4.0	10.3	4.0	102	262	102	1.9	26	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.0	14	1	M100466	
			4.0	10.0	5.0	102	254	127	1.6	22	1	M100695	
			5.0	10.0	5.0	127	254	127	1.2	17	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.2	17	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.2	17	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849	
	E7	310/330 & 330/355	4.0	10.3	4.0	102	262	102	1.0	14	1	M100464	Wrapped muffler
			4.0	10.0	5.0	102	254	127	0.9	12	1	M100695	
			5.0	10.0	5.0	127	254	127	0.7	9	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	0.7	9	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	0.7	9	1	M101182	Silent Partner Aluminized
	E7	355/380	4.0	9.0	4.0	102	229	102	0.6	8	1	M090544	
			4.0	10.3	4.0	102	262	102	1.2	16	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	0.6	8	1	M100466	
			5.0	10.0	5.0	127	254	127	0.8	10	1	M100582	OE replacement
			4.0	10.0	5.0	102	254	127	1.0	14	1	M100695	
			5.0	10.0	5.0	127	254	127	0.8	10	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	0.8	10	1	M101182	Silent Partner Aluminized
 Engine	ENDT865	325	4.0	9.0	5.0	102	229	127	3.0	40	3	M090823	
			5.0	10.0	5.0	127	254	127	2.9	39	3	M100213	
	E7 or E6	300 to 350	4.0	9.0	5.0	102	229	127	1.7	23	3	M090823	
			4.0	11.8	5.0	102	300	127	1.8	24	3	M120598	
			5.0	10.0	5.0	127	254	127	1.6	21	3	M100213	
	E7	400	4.0	9.0	5.0	102	229	127	2.2	29	3	M090823	
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598	
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213	
	E7	457 to 460	4.0	9.0	5.0	102	229	127	3.0	41	3	M090823	
			5.0	10.0	5.0	127	254	127	2.8	38	3	M100213	
	E7	310/330 & 330/355	4.0	9.0	5.0	102	229	127	1.6	22	3	M090823	
			4.0	11.8	5.0	102	300	127	1.7	24	3	M120598	
			5.0	10.0	5.0	127	254	127	1.5	21	3	M100213	
	E7	355/380	4.0	9.0	5.0	102	229	127	1.9	26	3	M090823	
			4.0	11.8	5.0	102	300	127	2.0	27	3	M120598	
			5.0	10.0	5.0	127	254	127	1.8	24	3	M100213	
	E6	350	3.0	11.0	4.0	76	279	102	2.4	33	1	M111029	OE replacement

Truck Engine Muffler Application

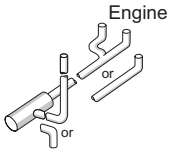
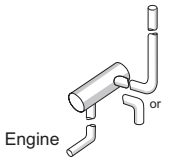
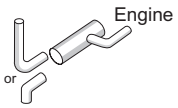


Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style & Part No.		Notes
			4.0	11.0	5.0	102	279	127	2.0	27	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	39	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	31	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.3	32	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.2	16	2	M122300	For off-hwy, shorter than OE
	E9	500	6.0	10x15	6.0	152	254x381	152	2.9	39	2	M122300	For off-hwy, shorter than OE
	ENDT673	225	3.0	11.0	4.0	76	279	102	1.3	17	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.1	29	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.1	28	2	M110012	
			4.0	11.0	4.0	102	279	102	1.9	25	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.1	15	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	4.0	102	211x292	102	2.1	28	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	1.5	21	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.7	10	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	0.6	8	2	M122300	For off-hwy, shorter than OE
	ENDT675	235	3.0	11.0	4.0	76	279	102	1.4	19	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.3	31	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.2	30	2	M110012	
			4.0	11.0	4.0	102	279	102	2.0	27	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.2	16	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	4.0	102	211x292	102	2.3	31	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.1	29	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	1.7	23	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.8	11	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.4	18	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	0.7	9	2	M122300	For off-hwy, shorter than OE
	ENDT865	325	4.0	11.0	5.0	102	279	127	2.8	38	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE
	ENDT866	375	5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.9	26	2	M122300	For off-hwy, shorter than OE
	E7	300 to 350	3.0	11.0	4.0	76	279	102	1.8	24	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	3.0	40	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.9	39	2	M110012	
			4.0	11.0	4.0	102	279	102	2.6	35	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.5	20	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	4.0	102	211x292	102	2.9	39	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	2.2	29	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.7	24	2	M120448	OE replacement
	E7	400	4.0	11.0	5.0	102	279	127	1.9	26	2	M111028	Inlet dimension is OD
			3.0	11.0	4.0	76	279	102	2.3	31	1	M111029	OE replacement
			4.0	10x15	4.0	102	254x381	102	2.7	37	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.1	15	2	M122300	For off-hwy, shorter than OE
	E7	427	4.0	11.0	5.0	102	279	127	2.3	32	2	M111028	Inlet dimension is OD
			3.0	11.0	4.0	76	279	102	2.8	38	1	M111029	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.5	33	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	35	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.3	18	2	M122300	For off-hwy, shorter than OE
	E7	460	4.0	11.0	5.0	102	279	127	2.7	37	2	M111028	Inlet dimension is OD

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_2O	Muffler Style	Part No.	Notes
			5.0	10x15	5.0	127	254x381	127	2.8	39	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	21	2	M122300	For off-hwy, shorter than OE
	E7	310/330 & 330/355	3.0	11.0	4.0	76	279	102	1.7	24	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.9	39	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.8	38	2	M110012	
			4.0	11.0	4.0	102	279	102	2.5	34	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.5	20	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.1	29	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.8	38	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.7	36	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120448	OE replacement
	E7	355/380	3.0	11.0	4.0	76	279	102	2.0	27	1	M111029	OE replacement
			4.0	11.0	4.0	102	279	102	2.9	39	2	M110028	Laminated (double) body
			4.0	11.0	5.0	102	279	127	1.7	23	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.4	33	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120448	OE replacement
	ENDT865	325	5.0	10x15	5.0	127	254x381	127	1.9	26	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120450	OE replacement
	ENDT866	375	5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.7	36	5	M120450	OE replacement
	E7 or E6	300 to 350	4.0	10x15	5.0	102	254x381	127	2.0	28	5	M120713	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.0	14	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	28	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	28	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	17	5	M120450	OE replacement
	E7	400	4.0	10x15	5.0	102	254x381	127	2.6	35	5	M120713	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.3	18	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	36	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	36	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	21	5	M120450	OE replacement
	E7	427 to 460	5.0	10x15	5.0	127	254x381	127	1.9	25	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120450	OE replacement
	E7	310/330 & 330/355	4.0	10x15	5.0	102	254x381	127	2.0	27	5	M120713	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.0	14	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	5	M120450	OE replacement
	E7	355/380	4.0	10x15	5.0	102	254x381	127	2.3	31	5	M120713	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.2	16	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	18	5	M120450	OE replacement
	E6	350	4.0	11.0	4.0	102	279	102	3.0	40	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.9	26	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.0	27	4	M120366	OE replacement
	ENDT673	225	4.0	10.0	4.0	102	254	102	2.2	30	4	M100052	
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110112	
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110148	
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.6	21	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.1	29	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.0	14	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.1	15	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.7	24	4	M120417	Aftermarket, shorter than OE
	ENDT675	235	4.0	10.0	4.0	102	254	102	2.4	32	4	M100052	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110112	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110148	

Truck Engine Muffler Application

Donaldson FILTRATION SOLUTIONS

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches Inlet	Body	Outlet	mm Inlet	Body	Outlet	Backpressure inches of Hg	H_20	Muffler Style	Part No.	Notes
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.7	23	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.3	31	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.1	15	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.2	16	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.9	26	4	M120417	Aftermarket, shorter than OE
	ENDT865	325	5.0	11.0	5.0	127	279	127	2.6	36	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.8	38	4	M120366	OE replacement
	E7	300 to 350	4.0	10.0	4.0	102	254	102	2.7	36	4	M100052	
			4.0	11.0	4.0	102	279	102	2.2	30	4	M110112	
			4.0	11.0	4.0	102	279	102	2.2	30	4	M110148	
			4.0	11.0	4.0	102	279	102	2.2	30	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.9	26	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.6	35	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.3	17	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.3	18	4	M120366	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.1	29	4	M120417	Aftermarket, shorter than OE
	E6	350	5.0	10x15	5.0	127	254x381	127	2.1	29	6	M120418	For off-hwy, shorter than OE
	ENDT673	225	4.0	10.0	4.0	102	254	102	2.2	30	6	M100572	
			4.0	11.0	4.0	102	279	102	1.7	24	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.1	15	6	M120418	For off-hwy, shorter than OE
	ENDT675	235	4.0	10.0	4.0	102	254	102	2.4	33	6	M100572	
			4.0	11.0	4.0	102	279	102	1.9	26	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	17	6	M120418	For off-hwy, shorter than OE
	ENDT865	325	5.0	10x15	5.0	127	254x381	127	2.9	39	6	M120418	For off-hwy, shorter than OE
	E7	300	4.0	10.0	4.0	102	254	102	2.7	37	6	M100572	
			4.0	11.0	4.0	102	279	102	2.1	29	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	19	6	M120418	For off-hwy, shorter than OE
	E7	350	4.0	11.0	4.0	102	279	102	2.4	33	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.6	21	6	M120418	For off-hwy, shorter than OE
	E6	350	4.0	10x15	5.0	102	254x381	127	2.4	32	3	M120566	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.6	36	3	M120235	OE replacement
	ENDT673	225	4.0	11.0	4.0	102	279	102	2.4	32	3	M110479	
			4.0	11.0	4.0	102	279	102	2.2	30	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.1	29	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.4	19	3	M120235	OE replacement
	ENDT675	235	4.0	11.0	4.0	102	279	102	2.6	35	3	M110479	
			4.0	11.0	4.0	102	279	102	2.4	32	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.3	31	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.5	21	3	M120235	OE replacement
			4.0	10x15	5.0	102	254x381	127	1.4	19	3	M120566	OE replacement
	E7	300 to 350	4.0	11.0		102	279		3.0	40	3	M111024	Outlet has down spout
			4.0	10x15	5.0	102	254x381	127	1.8	24	3	M120566	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120235	OE replacement

This catalog section contains equipment manufacturers' and competitive manufacturers' part numbers cross referenced to the Donaldson part number. The manufacturers' names are abbreviated in the catalog.

The data in this catalog is also available from our web site at **www.donaldson.com**. This cross reference information was compiled from available Donaldson data and should be used as a guide for choosing the proper replacement part. Check the product specifications BEFORE purchasing a part.

Manufacturers' Code Listing

Mfg. Code	Manufacturers' Name
AA	AMERICAN AUGERS
ABG	ABG
ABPS	AIRBORNE PRODUCT
AC	AC
ACFT	ACRAFIT
ACMS	ALLIS CHALMERS
ADUM	ADVANCE MIXER
AECW	A E C WHITLOCK
AFC	AL FILTER CO
AGCA	ACTIVE GEAR
AGCO	AGCO
AGEM	AG CHEM EQUIPMENT
AJMC	AUTO JET
ALMD	ALLMAND BROS
ALMN	AHLMANN
ALP	ALLIANCE PARTS
ALSN	ALLISON
ALSY	ALLIED SYSTEM
AMBC	AMBAC
AMC	AMC
AMEC	AM GENERAL
AMERIC	AMERICAN CRANE CORP
AMFGI	AURORA MFG INC
AMHO	AMERICAN HOIST & DERRICK
AMLF	AMERICAN LAFRANCE
AMTK	AMTRAK
AP	A P PARTS
APE	APE INDUSTRI AB
ARDCO	ARDCO
ARRO	ARROW-MASTER
ARV	ARVIN
AST	ASTEC UNDERGROUND
ASTEC	ASTEC
ASV	ASV INC
ATCO	ATLAS COPCO
ATHEY	ATHEY/FIVE STAR PRODUCTS
ATHM	ALSTHOM
ATHP	ATHEY
AUST	AUSTOFT
AUTM	AUTO MARINE
AUXI	AUXIFLOW
BABR	BARBER GREENE
BADG	BADGER
BAESYS	BAE SYSTEMS
BAKO	BARKO HYDRAULICS
BAR	BAUER
BATI	BENATI
BDER	BOMBARDIER
BEQP	BELL EQUIPMENT
BIAM	BUS INDUSTRIES
BLDY	BLUE BIRD BODY
BLNT	BLOUNT
BLWL	BLACKWELDERS
BMY	BMY WHEELED VEHICLES
BNTA	BANTA ASSOCIATES
BOMA	BOMAG
BORG	BORG-WARNER CHEMICALS
BOSS	BOSS INDUSTRIES
BRED	BREDA COSTRUZIONI
BRLEE	B R LEE INDUSTRIES
BROD	BRODERSON
BROW	BROWN DESIGN
BRWY	BROCKWAY
BVER	BUHLER VERSATILE SERVICE
CABT	CABOT CORP
CALD	CARRIER TRANSICOLD
CAM	CAMOPLAST INDUSTRIAL
CAME	COMPACTION AMERICA
CANF	CANADIAN FILTER
CASE	CASE
CAT	CATERPILLAR
CBM	CBM
CC	COUNTRY COACH
CCML	CORNELL CRANES
CDIV	CONTINENTAL DIVERSIFIED
CEDAR	CEDARRAPIDS INC
CETCO	CETCO INC
CHAMP	CHAMPION INDUSTRIES
CHAP	CHAMP
CHARD	CHARDONNET
CHLN	CHICAGO PNEUMATIC
CHLR	CHRYSLER
CLAC	CADILLAC & LAKE CITY ROADWAY
CLJL	CLARK,J.L.
CLMP	CLAMPS INC.
CLRK	CLARK
CMCO	CAMECO
CMI	CMI
CMPR	COMPAIR
CMWK	CHARLES MACHINE
CNLC	CURTIS NOLL
COLT	COLT
COMP	COMPAC EQUIPMENT
COMPAC	COMPACT TECHNOLOGIES
CONK	CONEK
COUG	COUGLAR INDUSTRIES
CRAN	CRANE CARRIER
CRMY	CHAMPION ROAD
CRPD	CEDARAPIDS
CRQT	CARQUEST
CSND	CROSLAND
CTRY	CENTURY II
CUCC	CUB CADET
CUMS	CUMMINS
CYPR	CYPRESS
DACR	DAVEY COMPRESSOR
DAEW	DAEWOO
DART	DART
DCOA	DYNAMICS CORP OF AMERICA
DCVG	DANA CORP
DD	DETROIT DIESEL
DENY	DENYO
DETZ	DEUTZ
DFLX	DYNAFLEX
DIA	DIAMANT BOART INC
DINA	DINA SA
DIND	DIAMOND
DLEQ	DIGITAL EQUIPMENT
DLTC	DRILTECH
DMAG	DEMAG
DMI	DMI
DMON	DOMINION
DMT	DMT CORP
DRBG	DRONNINGBORG
DRDT	DROTT
DREO	DIAMOND REO
DRSS	DRESSER
DSL	DIESEL DIVISION
DUHR	DURHAM
DWCH	DITCH WITCH
DYPC	DYNAPAC
EAC	ENGINE AND ACCESSORY INC
EAGL	EAGLE TRUCK PRODUCTS
EAGP	EAGLE PICHER
EARN	EARNEST MACHINE
EATN	EATON
ECLD	EUCLID
ECS	ENGINE CONTROL SYSTEMS
EGLE	EAGLE CRUSHER
EIMC	EIMCO
EINT	EAGLE INTERNATIONAL
ELECT	ELECTROLUX
ELGN	ELGIN
EMOI	EMERGENCY ONE, INC.
EMSN	EMERSON ELECTRIC
ENGL	ENGELHARD CORP
ENGLE	ENGLEHARD CORP
ENGN	ENGINES INC
ENMT	ENMTP CPG
ENTW	ENTWISTLE COMPANY
ERIC	ERICKSON
ESSEX	ESSEX ELECTRO ENGES
FAS	FASTENAL
FAST	FASTENWARE
FAUN	FAUN
FDEN	FODEN
FDQN	FIELD QUEEN
FEDM	FEDERAL MOTORS
FEDR	FEDERAL-MOGUL
FENT	FENDT
FIAT	FIAT
FILTER	FILTER SUPPLY CO
FIVE	FIVE STAR MFG LLC
FLPW	FLUID POWER
FLTR	FILTER INC
FLYR	FLYER INDUSTRIES
FMC	FMC
FMCO	FORD
FMHD	FARMHAND
FMNT	FERMONT DIV
FNEQ	FINN FILTER
FOREM	FOREMOST INDUSTRIES
FPCO	FAPCO INC
FRAM	FRAM
FREQ	FRANKLIN
FRHF	FATE ROOT HEATH FASTEN
FRTL	FREIGHTLINER

Manufacturer's Code Listing

Mfg. Code	Manufacturers' Name
FRYM	FAIRMONT RAILWAY MOTORS
FSA	FSA
FTGD	FLEETGUARD
FURU	FURUKAWA
FWD	FWD
FXBL	FLXIBLE
GALN	GALION
GAME	GAME EQUIPMENT
GASP	GLOBAL ASPHALT PRODUCTS
GBKE	GALE BANKS ENGINEERING
GDLS	GDLS - CANADA CORP
GE	GENERAL ELECTRIC
GEDY	GENERAL DYNAMICS
GEFCO	GEFCO
GEHL	GEHL
GEPA	GENERAL PROPULSIONS
GILB	GILLIG
GM	GM
GMCT	GENERAL MOTORS TRUCK
GNRC	GENERAC
GOE	GORELICHS INC
GRDL	GRADALL
GRDR	GARDNER DENVER
GRMC	GRAND ROCK
GROCK	GRAND ROCK MFG CO
GRST	GRIMMER SCHMIDT
GRVE	GROVE
GTMN	GETMAN
HARL	HARLAN PARTS
HARLEY	HARLEY POWER SYSTEMS
HAVA	HAVAM
HAWK	HAWKER SIDDELEY
HAY	HAY & FORAGE
HDMA	HYDREMA
HDMC	HYDRA MAC
HDMI	HEAVY DUTY MFG
HERC	HERCULES
HGMP	HICKLIN GM POWER
HME	HME INC
HNDA	HONDA
HNMG	HANOMAG
HOBT	HOBART
HOIST	HOIST LIFTTRUCK MFG
HRBR	HARBORMASTER MARINE
HRCN	HURRICANE COMPRESSOR
HRSN	HENDRICKSON
HSTR	HYSTER
HTHI	HITACHI
HYUN	HYUNDAI
IAMG	IOWA
ICAB	INDUSTRIAL CAB
ICCMFG	I C C MFG
IKRS	IKARUS
IMP	IMPERIAL GROUP
INDIP	INDIANA PHOENIX INC
INSY	INSLEY
IR	INGERSOLL RAND
IRCR	IRCR MFG
IRKA	IRKARUS
IRT	IRI INTERNATIONAL
ISERVI	INDUSTRIAL SERVICE CORP
ISZU	ISUZU
IVECO	IVECO
JAGR	JAEGER
JCB	JCB
JHEI	JOHN HEINRICH
JJI	JACKSON JORDAN
JLGI	JLG
JNDR	JOHN DEERE
JOY	JOY
JURA	JURA FILTRATION
KAEL	KAELBLE
KARP	KAR PRODUCTS
KBCO	KOBELCO
KBTA	KUBOTA
KENPAR	KENPAR
KIMBLE	KIMBLE CHASSIS
KLMA	KALMAR
KLTC	KELTEC
KMBL	KIMBALL TOPPERS
KOEH	KOEHRING
KOHL	KOHLER
KOOT	KOOTENAY
KRAM	KRAMER
KRES	KRESS
KRON	KRONE
KSHA	KERSHAW
KTSU	KOMATSU
KUTK	KUT KWIK
KW	KENWORTH
L3COM	L3 COMMUNICATIONS
LAWSON	LAWSON PRODUCTS INC.
LBX	LBX COMPANY LLC
LCD	LAKE CHARLES DIESEL
LEAR	LEAR SIEGLER
LEBR	LIEBHERR
LEC	LINCOLN ELECTRIC
LETO	LETOURNEAU
LEVN	LEVINSON BROS
LEYL	LEYLAND DAF
LGMF	LOGAN
LIBB	LIBBY WELDING
LINK	LINK MFG LTD
LINMR	LINMARR ASSOC INC
LKBT	LINK BELT
LKWD	LOCKWOOD
LNDE	LINDE
LNDL	LANDOLL CORP
LOES	LOESING
LONG	LONG
LORAL	LOR AL PRODUCTS INC
LORR	LORRAINE
LRAN	LORAIN
LROI	LEROI
LULL	LULL
MACD	MAC DON INDUSTRIES
MACK	MACK
MAN	MAN
MARA	MARATHON EQPT LTD
MARE	MAREMONT CORP
MARINE	MARINE TRAVELIFT, INC.
MARTIN	MARTIN MACHINERY
MARWIL	MARWIL PRODUCTS
MBSI	MITSUBISHI
MCC	McCORMICK
MCHC	MECHANICS CHOICE
MCII	MCII
MDIESL	MARTIN DIESEL INC
ME	MILLER ELECTRIC
MEDINA	MEDINA REPLACEMENT PARTS
MERS	MERCEDES
MF	MASSEY FERGUSON
MH	MANN & HUMMEL
MIIN	MINNPAR
MILR	MILLER SPREADER
MJPR	MI-JACK
MLS	MARVIN LAND SYSTEMS
MNLS	MCNEILUS
MNTO	MANITOU
MNTW	MANITOWOC
MOB	MOBILE PRODUCTS INC
MOCH	MOTOR COACH
MOGU	MOGUERT
MONAC	MONACO COACH CORP
MOXY	MOXY
MPOW	MOTOR POWER INDUSTRIES
MRBR	MORBARK
MRMN	MARMON MOTOR
MRMT	MAREMONT
MRTZ	MERTZ
MTRC	MOTOR COACH INDUSTRIES
MTWC	MANITOWOC CRANE GROUP
MULTI	MULTI PART
MUNCIE	MUNCIE RECLAMATION
MZDA	MAZDA
NABI	NORTH AMERICAN BUS IND
NACO	NACCO MATERIALS
NAPA	NAPA
NAT	NATIONAL OILWELL
NAVI	NAVISTAR
NEPN	NEOPLAN
NEWFLY	NEW FLYER INDUSTRIES LTD
NEWS	NEWSTREAM ENTERPRISES
NFC	NFC INDUSTRIES
NH	NEW HOLLAND
NLSN	NELSON
NOBEL	NOBLE CONSTRUCTION EQUIPMENT
NOVA	NOVA BUS CORP
NPLN	NEOPLAN U S A
NPRT	NEOPART
NWEG	NORTHWEST ENGINEERING
OBIL	OMNIBUS INTERNATIONAL
OK	O & K
OKSH	OSHKOSH
OMML	OMARK MATERIAL HANDLING
OMNI	OMNIQUIP PARTS WORLD WIDE
ONAN	ONAN
ONTB	ONTARIO BUS
OTWA	OTTAWA TRUCK
OXBO	OXBO
OXBOI	OSBO INTERNATIONAL
PACC	PACCAR PARTS DIV
PAI	PAI INDUSTRIES INC
PALA	PALATEK INC
PBLT	PETERBILT
PBRN	PEABODY BARNES
PCFE	PACIFIC ENGINEERING
PDCI	PARTS DISTRIBUTING
PDEL	PRINCETON DELIVERY SYSTEMS
PERK	PERKINS GREAT LAKES
PETB	PETBOW
PETTI	PETTIBONE-MULLIKEN
PH	P & H
PHCO	PRECISION HUSKY
PHOE	PHOENIX INDUSTRIES
PIE	PIERCE
PITC	PART INTL TRADE CO
PKNS	PERKINS
PLOC	PLYMOUTH LOCOMOTIVE WORKS
PNJK	PANDROL JACKSON
POWER	POWER EQUIPMENT & ENGINE
PPOW	PIVOT POWER INC
PRIN	PRINOTH
PRLP	PEERLESS PUMP
PRTCTR	PARTS SUPER CENTER
PRVT	PREVOST CAR
PSIS	PSI SPECIALIZED VEHICLES
PTBM	PORTABLE MILLS
PTBN	PETTIBONE
PTN	PPM
PUPR	PUROLATOR
PWRT	POWERTHERM
QUIN	QUINCY
RCHD	REICHDRILL
RDRL	REEDRILL
RDTC	ROADTECH
REX	REX
RIKL	RICKEL
RIMP	RIMPULL
RKRM	RIKER
RNCO	REINCO
RNDR	RENDERS
ROSEN	ROSENBAUER AMERICA
ROSS	ROSS CORP
ROUS	ROUSSELLE
ROVR	ROVER
RSCO	ROSCO
RSNBCS	RUSTON BUCYRUS
RSNBR	ROSENBAUER America

Mfg. Code	Manufacturers' Name
RTWC	RAILWAY TRACK WORK
RVI	RENAULT VI
RWMF	RAINBOW MFG
RXRD	REXNORD
RYCO	RYCO
RYGO	RAYGO
RYKE	RYKEN TUBE
SABI	SABIEX INTERNATIONAL
SAKR	SAKURA
SAME	SAME
SCHAE	SCHAEFF LIFT TRUCK INC
SCNA	SCANIA
SCOMP	SUPERIOR COMPRESSOR
SCOMPA	SUPERPAK COMPACTION
SCRD	SICARD
SCRM	SCHRAMM
SDMO	SDMO
SDVK	SANDVIK
SEDD	SEDDON-ATKINSON
S-FIRE	SEAGRAVE FIRE APPARATUS
SHBR	SCOTT HUBER
SHUT	SHUTTLELIFT INC
SIGM	SIGMA AIR CONDITIONING
SISU	SISU
SKYJ	SKYJACK
SLAR	SULLAIR
SLIC	SELLICK EQPT LTD
SLVN	SULLIVAN
SMCI	SAFARI MOTOR COACHES INC
SNBL	SNOWBLAST-SICARD
SNKL	SNORKEL
SOFI	SOFIMA
SPCH	SPARTAN CHASSIS
SPRT	SPARTAN MOTORS
SRC	SRC
SRSD	SAUER SUNDSTRAND
STEW	STEWART & STEVENSON
STGR	STEIGER
STIL	STILL
STMC	STEMCO
SUSN	SUSAN
SWEE	SWEEPSTER JENKINS
SYNER	SYNERGY INTERNATIONAL
TAC	TRANSPORTATION ACCESSORIES
TBBI	THOMAS BUILT BUSES
TBCR	TUBE CRAFT
TCLD	TRANSICOLD
TDSC	TRACKMOBILE
TDYN	TELEDYNE
TENT	TENNANT
TERN	TERNESS PROCUREMENT SERVICES
TESSI	TESSI TRUCK EXHAUST INC
THOM	THOMAS DENNIS CO INC
TIM	TIM
TIPP	TIPPECANOE
TJAK	TIMBERJACK
TJMG	T & J MFG
TKNG	THERMO KING
TMCO	TYMCO
TMLS	TEXTRON MARINE AND LAND SYSTEM
TMPO	TAMPO
TMRK	TAMROCK
TMTR	TOWMOTOR
TORCA	TORCA PRODUCTS
TPORT	TUNED PORT INDUCTION SPEC
TRAK	TRAK INTERNATIONAL
TREX	TEREX
TRJN	TROJAN
TRMF	TRANSPORTATION MFG
TRUX	TRUCKEX
TYLE	TYLER POWER PRODUCTS
TYLR	TAYLOR
TYMC	TAYMECH
U C	UNITED CENTRAL INDUSTRIAL SUPP
UAC	UNITED AIR CLEANER
UCP	UNIVERSAL COACH PARTS
UNCT	UNION CITY BODY
UNIP	UNIPART
UNVL	UNIVERSAL
UPFR	UP FRONT TECHNOLOGIES
UPRH	UP-RIGHT HARVESTER
UPTI	UPTME PARTS LLC
URIG	UNIT RIG EQUIPMENT
VACT	VACTOR MFG
VALM	VALMET
VANAIR	VANAIR MFG
VCOR	VERSATUBE
VENCH	VENCHURES PACKAGING INC
VH	VAN HOOL
VIC	VIC
VLVO	VOLVO
VME	VME
VMER	VERMEER
VOEG	VOEGELE
VSTL	VERSATILE
WALMO	WALGAHN-MOTORENTECHN
WBCO	WABCO
WGMC	WHITEGMC
WGNR	WAGNER MINING EQPT
WHCO	WHITING
WHITE	WHITE
WHMS	WESTINGHOUSE MFG SERVICES
WILM	WILMAR
WIMC	WIMCO LTD
WIRG	WIRTGEN
WIX	WIX
WKSA	WAUKESHA
WLDN	WALDON
WLKR	WALKER MFG
WPOW	WINPOWER
WRNR	WARNER & SWASEY
WRTH	WORTHINGTON
WSTI	WESTERN STAR TRUCK
WTLK	WHITLOCK
XAIR	EX AIR
XMN	EXMAN
YALE	YALE
YOUNM	YOUNG MACHINE COMPANY
YPEI	YORK PUMP & EQPT

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
0		
000	P206309	TESSI
0000001	M080024	MNTW
0000136929	M100043	CASE
00008223	M085090	HAVA
00011101	M100049	DYPC
00023267	P206407	DYPC
00023275	P206409	DYPC
00023374	M090210	DYPC
00023481	P208338	DYPC
00035006	X004480	DYPC
0009555007	X004538	LNDE
001482001	P206403	DLTC
001487001	M122300	TMRK
	M122300	SDVK
	M122300	DLTC
0015012	P207335	DLTC
0015013	P206341	DLTC
0015017	P206350	DLTC
0016459000	P206601	CUMS
0019273	P206410	CMCO
00197721	M085023	FWD
0024008800	M100016	RVI
0024008900	P207596	RVI
00265445	M060037	NH
0028017544	P270535	VLVO
0028041569	P206337	VLVO
0028041585	P206408	VLVO
003056003	X004476	DLTC
003056007	X004482	DLTC
003056008	X004484	DLTC
0032941	X004478	CUMS
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004002746000	P207667	CMI
004002764000	P207667	CMI
004002768000	M120131	CMI
004002833000	P270535	CMI
004002938000	P206408	CMI
004002958000	P270538	CMI
004002977000	P206342	CMI
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004003020000	P270543	CMI
004003036000	M100213	CMI
004003064000	M120225	CMI
004013140000	M085207	CMI
004013174000	M085207	CMI
004013195000	M120418	CMI
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004013287000	M170101	CMI
004013309000	P206304	CMI
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004013368000	P207292	CMI
004013453000	M190002	CMI
004094239160	P206607	CMI
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	M070068	SLVN
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00533938	M090544	FWD
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00642050	M065030	FWD
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	M120225	DLTC
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008024001	M120131	DLTC
	M120131	TMRK
0080831	M120450	DLTC
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00810205	H001033	WALMO
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00811199	P206552	WALMO
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00811230	P270543	WALMO
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00811688	X004536	WALMO
00811689	X004537	WALMO
00811690	X004538	WALMO
00811691	X004539	WALMO
00811696	X004962	WALMO
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0091327799	H001039	CMCO
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011781	P270540	LOES
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	J190063	SPRT
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01290056	M120108	SCRM
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01522291	M100465	BLDY
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0152826001	X007784	GILB
0152826002	X007785	GILB
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0154799N000	J240003	GILB
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01552305	P206410	ONAN
0155304N000	P206552	GILB
0156494N000	M001668	GILB
01566881000	M002164	GILB
0156688N000	M002164	GILB
0157825N000	M002134	GILB
0158441000	P224518	GILB
0158454000	M001865	GILB
0158454001	M002135	GILB
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	X004484	SLVN
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019012000017	P206323	PALA
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020004343116	X004478	VLVO
020004343150	P206410	VLVO
020004343154	X004482	VLVO
020004362138	P206614	VLVO
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0200317	M120598	SMCI
0201101	M100213	SMCI
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020147	M065044	LOES
020176	P206405	LOES
020183	M085084	LOES
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020293	M090158	LOES
020321	P206544	LOES
020323	P206407	LOES
020332	H001035	LOES
020345	M060037	LOES
020390118	M065034	HARL
020395	P206408	LOES
020519	P270538	LOES
020563	M085208	LOES
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	M140048	DLTC
020566002	M190002	DLTC
020570	M060038	LOES
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021480	X004478	LOES
021482	X004482	LOES
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021673	P226148	LOES
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021785	P270543	LOES
021835	P206603	LOES
021843	P270534	LOES
021857	M080018	LOES
021859	P270532	LOES
021885	P270536	LOES
021886	M085078	LOES
021915	H001279	LOES
021919	H001284	LOES
021921	P270539	LOES
021946	P206552	LOES
021978	P270541	LOES
021987	M100213	LOES
021990	P226149	LOES
021997	M045193	LOES
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022038	M100048	LOES
022041	P206615	LOES
022053	X004537	LOES
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022086001	M001505	DLTC
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02250186652	P206304	SLAR
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027076541	M120100	WGMC
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027076544	M090074	WGMC
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027076627	X004478	WHITE
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02708250000	X004476	HSTR
0270826	X004478	HSTR
	X004478	NACO
027136876	X004482	WGMC
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027138775	M100146	VLVO
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030495	M070008	KSHA
031005070	M120108	CAME
031984001	P206318	DLTC
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	H001034	MERS
037281	M070050	DRDT
03830005	P206603	SCRM
03830008	X004476	SCRM
03830009	X004478	SCRM
03861	P206282	DMT
039263	M085008	DRDT
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040282	M070028	SLAR
0413828000	P206607	MERS
	P206607	FRTL
0416677060	P208389	FRTL
0417179000	M101263	MERS
	M101263	FRTL

Mfgs. No.	Our No.	Mfg. Code
0417179006	M100944	MERS
	M100944	FRTL
0417979000	M101263	MERS
0418334002	M111029	MERS
	M111029	FRTL
0418814000	M111028	FRTL
	M111028	MERS
0418814003	M111028	FRTL
	M111028	MERS
0418814007	M111025	FRTL
	M111025	MERS
041889	M100048	GEHL
0419131004	M111029	FRTL
	M111029	MERS
0419131007	M111029	FRTL
	M111029	MERS
0422667000	M110014	MERS
	M110014	FRTL
04320102	M090544	DRSS
	M090544	KTSU
043405	M090538	SLAR
04402011	M085056	SISU
04402574	M080018	KTSU
	M080018	SISU
044095	M085084	KSHA
04450	M070028	DMON
044630	M070069	SLAR
044751	M090210	KSHA
045074	M070068	KSHA
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045564	M070008	SLAR
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	P206410	SDVK
04710078	P206411	SDVK
	P206411	TMRK
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	M100048	SDVK
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	M120131	SDVK
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049014271	M090544	VLVO
049014272	M100464	VLVO
049014273	M090544	VLVO
049015280	M100464	VLVO
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049034037	M120131	WGMC
	M120131	WSTI
049034554	M090535	WGMC
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	M120365	VLVO
049039307	M120189	WSTI
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049044073	M100465	VLVO
049044343	M100463	VLVO
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049045723	X007785	WSTI
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050187850043	M091050	PALA
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	M001432	CMCO
	M001503	CMCO
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051514	P226156	MOXY
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051522	P206543	MOXY
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05179206	M070008	DD
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0520285021	P208394	FOREM
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0520340	M100048	BADG
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0520372	M120225	BADG
0520379	M085023	BADG
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	P206603	FLYR
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0522052132	P207324	FOREM
0522053864	P206407	FOREM
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0522126985	J009487	FOREM
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0525258059	P207339	FOREM
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	M001865	SPCH
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	X004476	CAT
	X004476	EAGP
	X004476	DAEW
053791	X004484	FLYR
	X004484	NEWFLY
0538885	X004480	RYGO
	X004480	MBSI
	X004480	CAT
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0550019275	X004482	CMCO
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0550038023	M085090	CMCO
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0550041602	M085056	CMCO
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0550057	P206607	CRAN
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0550119	M002135	CRAN
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0551322079	M090072	CMCO
0551326623	M090362	CMCO
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0551339700	P206344	CMCO
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0551356249	P226158	CMCO
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0551394657	P206511	CMCO
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05519274	X004478	CMCO
05519275	X004482	CMCO
05520843	P206309	CMCO
05538022	M070068	CMCO
05538023	M085090	CMCO
05538382	M100146	CMCO
05541602	M085056	CMCO
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	P270539	CAME
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05735409	M085078	BOMA
	M085078	CAME
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	P207326	KOEH
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05735604	P208326	CAME
	P208326	BOMA
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060094529	M085409	BROD
060094542	P224669	BROD
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	J190003	LORAL
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06212	X004476	VCOR
06214	X004537	VCOR
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062321070	M065065	CLRK
06234	X004538	VCOR
062519859	M120189	CLRK
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06312	X004480	VCOR
0631911	P270543	CRAN
063676064	X004478	CLRK
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	J009648	NEWFLY
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0680015	M090009	NAVI
06973	M090009	DMON
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0700716743	P206552	AGCO
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0779548	P206407	RYGO
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080483	P206604	LOES
080488	P206334	LOES
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0816407	X004476	CAT
081789	P208385	GNRC
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0868829	M091046	LETO
089275	X004482	NEWFLY
09013928	M120108	TREX
0906031007	M100146	TREX
0906040713	J009606	TREX
0906040715	P206364	TREX
09079368	M170101	TREX
09214205	M100016	TREX
09243	M090538	WHCO
0936444	J000203	CAME

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
0937019	J000209	CAME
09385100	P206328	KRON
09385630	P206605	KRON
09385660	P207582	KRON
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09386890	X006202	KRON
09386900	P208374	KRON
09386910	J190003	KRON
09386920	M100213	KRON
09401290	P207394	KRON
09401300	P206318	KRON
09401310	X004539	KRON
0944128	X004478	TREX
	X004478	OK
09673152	M001702	BVER
0970432484	P207355	CEDAR
097470	M120154	DRDT
0980240	M085090	RYGO
	M085090	CAT
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	M101170	GNRC
0D5745	P210110	GNRC
0D6667R	P206615	GEHL
	P206615	GNRC
0D8473	M085090	GNRC
0D9906B	P207584	GNRC
0E4264	J000228	GNRC
0E5955	M070068	GNRC
0F0904	M090091	GNRC
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0LA00998016	P206344	PTBN
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0RO17765000	M070008	PTBN
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	P207322	GRVE
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10000494	M120418	CUMS
10000499	P206521	CUMS
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	P207667	OMML
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10000881	M120235	CUMS
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1000147	M002121	BADG
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10002040	P206337	BLNT
	P206337	CAT
	P206337	COLT
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1000270	X004484	URIG
1000384	M002164	BADG
1000389	M120108	CUMS
	M120108	URIG
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10004693	P206326	BLNT
	P206326	CAT
100052	M100052	WSTI
10008	M100466	RKRM
10008012	P270538	BLNT
	P270538	CAT
10008318	P206334	CAT
10008343	P270541	BLNT
	P270541	OMML
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1001080490	P226152	JLGI
10010990004	P207317	PIE
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10023	M100466	RKRM
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10023109	P206544	BLNT
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	P206347	GRVE
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10116406	P206851	HRCN
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	M065044	JLGI
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10175576	M085008	FWD
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10175624	M090146	FWD
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10200AZ	J008671	DFLX
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	M080024	DMON
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1026921B	P206339	GRDL
1026921E	P207349	GRDL
1026921F	P207397	GRDL
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10339	P206399	TRUX
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1034635	X004536	ELGN
1034636	P206403	ELGN
1034712	P207364	GRST
1034713	P270532	ELGN
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10350	P206342	DFLX
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1035000248	P206511	FAS
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1035000323	X004482	FAS
1035000328	M100463	FAS
1035000790	P206385	FAS
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10350AZ	P206342	DFLX
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1036008	M190002	URIG
1036808	M065044	GRST
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10400A	P206336	HDMI
10400AZ	P206344	DFLX
10400CP	P207345	DFLX
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1042175	M090091	TIM
	M090091	CAT
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10500	P206337	HDMI
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10501390	J000206	CAT
	J000206	BLNT
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1051350	M001756	CMWK
105211	P206544	GEHL
10532	P207324	AP
10534	P207326	TRUX
10535	P207327	TRUX
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10536	P207328	TRUX
10537	P207329	TRUX
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10539	P206346	TRUX
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10541	P207332	TRUX
10542	P206349	TRUX
105441	P206301	CHAMP
	P206301	CRMY
1055295	M100463	AMHO
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10554	P206347	TRUX
10555	P207340	TRUX
10556	P207341	TRUX
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10567	P207354	TRUX
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1060073	P206325	TDSC
1060074	P206363	TDSC
10600A	P206338	HDMI
1060213	P207363	TDSC
1060909	M080024	TDSC
1061246	P206320	TDSC
10620	P206344	TRUX
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	J000203	GDLS
106275	M085172	ARV
10631	J009631	TRUX
10632	J009632	TRUX
10633	J009633	TRUX
10635	J009635	TRUX
10636	J009636	TRUX
10637	J009637	TRUX
10639	J009639	TRUX
10640	J009640	TRUX
10641	J009641	TRUX
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10674	P216172	TRUX
10675	P206340	TRUX
10676	P206342	TRUX
1067766	P226143	AMHO
1067767	P206338	Americ
10678	P206344	TRUX
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10685	P206396	TRUX
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1070735	X004482	Americ
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10719262	M085078	OMNI
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	M060158	JLGI
1072037	P206366	ELGN
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10725	P206368	AP
10726	P206282	TRUX

Mfgs. No.	Our No.	Mfg. Code
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10728181	P270539	JLGI
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1072980	J009648	ELGN
10730	J190025	TRUX
10731	P206283	TRUX
10732	J190027	TRUX
10741	P207350	TRUX
10742	P207351	TRUX
1074277	P207364	ELGN
1074283	J009618	ELGN
10743	P207353	TRUX
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10745	P207353	TRUX
10746	P207354	TRUX
10748	P207355	TRUX
10749	P207355	TRUX
1075321	P270534	ELGN
10755	J009560	AP
1075550004	X004484	WHMS
10756	P206340	TRUX
10758	P206341	TRUX
1075836	M001702	ELGN
10759	P206342	TRUX
10761	P206344	TRUX
1076118	P206362	ELGN
107619001	X004482	VMER
1076190011	X004482	VMER
107619003	X004480	VMER
1076190031	X004480	VMER
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	P206345	GOE
10764	J190003	TRUX
10765	P206347	TRUX
10766	P206348	TRUX
10767	P207341	TRUX
	P207364	GOE
1077286	P216174	ELGN
10773	P207322	TRUX
10774	P207324	TRUX
10775	P207325	TRUX
10776	P207362	TRUX
10777	P207362	TRUX
10778	J190013	TRUX
107789B	M100465	OKSH
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1078066	P206370	ELGN
10781	P207364	TRUX
10782	J190009	TRUX
10783	P206346	TRUX
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1078582	P206521	TDSC
10786	P207365	TRUX
10787	P207365	TRUX
10789	P207365	TRUX
10790	P207332	TRUX
10791	P207365	TRUX
10792	P207366	TRUX
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	P207366	AP
10794	P207363	TRUX
10796	P207331	TRUX
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1087292	P206363	ELGN
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108936	M100048	DMI
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1089600052	P205979	FAS
1089600169	X004962	FAS
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1089600675	X007785	FAS
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1089600678	M001503	FAS
1089601305	J000209	FAS
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10918	M100043	RKRM
109185A1	M001756	MCC
	M001756	PTN
	M001756	CASE
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10921	P206306	AP
10922	M100807	RKRM
10925	M101169	NH
1092788	P207281	BABR
10928	M100582	RKRM
10929	P206311	NH
10930	M100052	RKRM
10931	M100049	RKRM
10932	M100572	RKRM
10945	M100695	RKRM
10961	M100213	RKRM
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10PL600AZ	P216175	DFLX
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10T50090	P206400	DFLX
10T60090	P207366	DFLX
10UH2	P206519	ACFT
1100010	M060055	Marine
	M060055	CASE
	M060055	SHUT
11000419	M002119	CUMS
11000420	M002120	CUMS
11000475	M002117	CUMS
11000476	M002118	CUMS
11000487	P206325	CUMS
11000488	P206520	CUMS
11000509	M002121	CUMS
1100054	P206344	TIPP
11000880	M002123	CUMS
1100101	P206340	TIPP
1100279	M085023	TIPP
1100382	P206345	TIPP
1100440	X004478	OMNI
	X004478	JLGI
1100689	M070028	TIPP
11008	J000231	NH
110105	P206340	TIPP
11015	M085023	HDMI
11019	M085080	PRVT
110219	P206326	TIPP
11023	M090535	PDCI
	M090535	FRAM
	M090535	ALSY
1102LL2001	M120225	SPRT
11035	M120365	PHCO
11038	M080018	YPEI
	M080018	PKNS
11058	M002121	NH
11068196	P207394	ECLD
11075	M045193	HDMI
11076	M065071	YPEI
11096	M085171	PDCI
110H070120	P206602	WSTI
11101	M100049	TMPO
1110389	M090210	BABR
	M090210	CAT
11104	M085056	PKNS
1111110	M100465	UPTI
	M100465	VLVO
1111111	M090544	VLVO
1111112	M090535	VLVO
1111114	M100464	VLVO
11112	M090009	LCD
111122	P270536	CMWK
111122A	P270536	CMWK
111123	P270543	CMWK
111130	P206603	CMWK
111136	P206512	CMWK
111136A	P206512	CMWK
111137A	M002121	CMWK
111138	M001432	CMWK
111138A	M001432	CMWK
11127	M090538	PDCI
1113731	P206543	GEFCO
11137351	P206508	GEFCO
1114702	P222750	GEFCO
1114917	M100463	VLVO
1116418	M090091	OKSH
111641B	M090091	OKSH
11165	M100463	PDCI
1116639	M100213	VLVO
11172962	J190061	VLVO
1119466	X006203	VLVO
11197	M122300	PDCI
1120408	P270536	JLGI
1120421	P206399	GEFCO
1120471	P207582	GEFCO
1120481	P206349	GEFCO
1120482	P207326	GEFCO
1120581	P206340	GEFCO
11209	M170101	PHCO
11223	M085172	HDMI
11224	M100465	PDCI
11227	M090520	PDCI
112273	X004484	AMTK
	X004484	AUTM
11228	M090544	JHEI
	M090544	PDCI
112351	M085056	FXBL
112352	M120100	FXBL
1130045	P206280	HDMI
1130045A	P206280	HDMI
11335	J000221	NH
11336	M065142	NH
11337	M002118	NH
11338	P206301	NH
1135045	P206281	HDMI
1135045A	P206281	HDMI
113536	P208348	XAIR
11382	J000233	TMCO
	P207596	TMCO
11400	J008681	DFLX
1140045	P206282	HDMI
1140045A	P206282	HDMI
114008	P207366	AUTM
114014	P207332	AUTM
114111300	M080024	BDER
114143800	M085084	BDER
114144400	M090210	BDER
11415068	P206552	VLVO
11415070	M002121	VLVO
11415098	P206321	VLVO
11415101	M001503	VLVO
11415189	M001702	VLVO
11415198	M002119	VLVO
11415205	J190009	VLVO
11415206	J009648	VLVO
11415207	M085208	VLVO
11415208	P206544	VLVO
11415273	P206326	VLVO
11415373	M002118	VLVO
11418	P207282	XAIR
114212	M065030	CHAMP
	M065030	CRMY
11424	J024737	XAIR
114271	M085023	TMLS
114289	M090170	DRSS
114338	M085023	KTSU
	M085023	DRSS
11436	P208364	XAIR
11448	P207287	XAIR
114646800	M065044	CAM
	M065044	BDER
11464680044	M065044	PRIN
	M065044	CAM
114656200	M065074	CAM
	M065074	PRIN
114661200	M002118	CAM
	M002118	PRIN
114666460	M120749	PRIN
114666469	M002123	CAM
	M002123	PRIN
114666604	P207298	CAM
	P207298	PRIN
114666634	P206323	PRIN
	P206323	CAM
114666743	M065034	CAM
	M065140	CAM
	M065034	PRIN
114666796	M085407	CAM
	M085407	PRIN
11466693744	M085421	CAM
	M085421	PRIN
114667017	M002117	CAM
	M002117	PRIN
114667082	M002119	PRIN
114667539	M085208	PRIN
114667565	J000200	PRIN
11500	P207339	DFLX
1150045	P206283	HDMI
1150045A	P206283	HDMI
11500AZ	P207339	DFLX
11518	P207283	XAIR
1151918	M120131	Americ
	M120131	AMHO
11524	J024739	XAIR
11536	P208380	XAIR
11548	P207292	XAIR
11550045	J190025	HDMI
1155262	M100464	AMHO
11560	P207289	XAIR
115841	M120176	KRES
1160045	P207359	HDMI
1160045A	P207359	HDMI
116370001	M085090	VMER
1163700011	M085090	VMER
116949	P206410	EIMC
117544	M120225	WIRG
118073	P270536	ME
118359	P208326	CHAMP
11850495	M001756	VLVO
1185900	M120108	TREX
	M120108	OK
11870553	M001702	VLVO
11872	M100464	CRMY
11873	M100464	CRMY
11875	M090170	CRMY
11876	M090158	DMON
	M090158	CRMY
11877	M100043	CRMY
1189A01G01	X004536	TKNG
11901	M110189	RKRM
11901Q	M110189	RKRM
11908	M045237	WILM
119242	P206347	EIMC
119353	P207354	CHAMP
11A30045	P207351	HDMI
11A30045A	P207351	HDMI
11A35030	J009635	HDMI
11A35030A	J009635	HDMI
11A40015	P206395	HDMI
11A40015A	P206395	HDMI
11A40030	J009636	HDMI
11A40030A	J009636	HDMI
11A40045	P207353	HDMI
11A40045A	P207353	HDMI
11A50015	P206396	HDMI

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
11A50015A	P206396	HDMI
11A50030	J009637	HDMI
11A50030A	J009637	HDMI
11L200	J008671	DFLX
11L275	P216172	DFLX
11L300	P206340	DFLX
11L400	J008681	DFLX
11L500	P207339	DFLX
11M830040	X004536	HYUN
11ME228	X007831	MACK
11ME229	X004480	MACK
11ME348M	M001865	MACK
11P300	P207362	DFLX
11P300AZ	P207362	DFLX
11P350AZ	P206398	DFLX
11P400	P207364	DFLX
11P400AZ	P207364	DFLX
11P500	P207365	DFLX
11P500AZ	P207365	DFLX
11P600	P207366	DFLX
11PL350AZ	P207363	DFLX
11PL400	P206346	DFLX
11PL500	P207332	DFLX
11PL500AZ	P207332	DFLX
11S50045	J190025	HDMI
11S50045A	J190025	HDMI
11S50045CP	P206286	HDMI
11T30015	P206393	DFLX
11T30090	P206397	DFLX
11T35015	P206394	DFLX
11T35090	P206398	DFLX
11T400	P206399	DFLX
11T40015	P206395	DFLX
11T40090	P206399	DFLX
11T500	P206396	DFLX
11T50015	P206396	DFLX
11T50090	P206400	DFLX
11T600	P207361	DFLX
11T60090	P206361	DFLX
1200	P207333	XAIR
12000277	P270539	PERK
12006	M080024	PWRT
12010	M080024	PETTI
120167A	M100043	OKSH
12021898	P206326	BOSS
12022083	P207362	HRCN
12024	M090072	PDCI
12027435	P207361	GRST
	P207361	HRCN
12034712	P207364	HRCN
	P207364	GRST
12047E49	M045193	LEBR
1205914	M065030	AMHO
12061422	P206403	ICAB
12061426	P206407	ICAB
12066600	J190020	HRCN
12067300	P207322	HRCN
12068615	P206366	HRCN
12069320	P207322	HRCN
1207032	M085090	AMHO
	M085090	RYGO
1207032A	M085090	RYGO
12109	M090362	YPEI
12158602	M065034	ICCMFG
	M065034	ICAB
12158905	P270534	ICAB
1222204	P270539	TREX
1222282	P270541	TREX
122382	P271507	ME
12250	P206279	DFLX
122614	M120749	AGEM
1226244	P207335	SLVN
12266600	J190020	HRCN
12266659	P207354	HRCN
12266744	X007785	GRST
122707	P208394	AGEM
12275	P207350	DFLX
12275AZ	P207350	DFLX
122807	M100465	COLT
122939	M001327	COLT
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12300FA	P206341	HDMI
12300FS	P206341	HDMI
12300FSA	P206341	HDMI
123137	M120100	COLT
12322837	M060232	GM
12322838	M065065	GM
12322841	M085172	GM
12322842	M085171	GM
12322844	M085023	GM
12322845	M085189	GM
12322846	M090534	GM
12322847	M090535	GM
12322848	M100464	GM
	M100464	ALSN
12322849	M090538	GM
12322850	M090544	GM
12322851	M090781	GM
12322852	M090547	GM
12322853	M090548	GM
12322854	M090563	GM
12322855	M100463	GM
12322856	M100464	GM
12322857	M100465	GM
12322858	M100466	ALSN
	M100466	GM
12322859	M110012	GM
12322860	M110014	GM
12322863	M120365	GM
12322864	M120366	GM
12322865	M120367	ALSN
12322867	M120382	GM
12336	P208326	XAIR
1234	M001756	FLPW
1234226H1	M070068	DRSS
	M070068	KTSU
12350	P206281	HDMI
	P206281	DFLX
12350A	P206343	HDMI
12350FSA	P224669	NLSN
123674	M100016	NAT
123684	M120235	AGCO
	M120235	AGEM
123921	P208392	AGEM
12400	P206282	DFLX
	P206345	HDMI
12400A	P206345	HDMI
12400CP	P206285	DFLX
	P206353	HDMI
12400F	J190002	HDMI
12400FA	P206344	HDMI
12400FS	P206344	HDMI
12400FSA	P206344	HDMI
1240106	X004482	TREX
	X004538	KOEH
1240118	X004480	KOEH
1240122	X004484	KOEH
	X004484	TREX
1240124	P206411	KOEH
1240142	X004478	KOEH
124066080	P206407	KOEH
12408	P206407	TREX
12408880	M120225	CAT
124089	P206409	KOEH
12410	P206344	HDMI
12410A	P206344	HDMI
12414634	P206606	LINMR
	P206606	STEW
	P206606	OKSH
	P206606	AMEC
12418	P207297	XAIR
12421711	M120100	GRST
	M120100	HRCN
12424	P207297	XAIR
12427178	M100146	HRCN
	M100146	GRST
1242847	M045123	GRST
12428471	M045123	GRST
	M045123	HRCN
124312241	M090594	FURU
1243122H1	M090594	CETCO
	M090594	KTSU
	M090594	DRSS
	M090594	FURU
1243226H1	M070068	DRSS
	M070068	KTSU
1243327H1	M085090	KTSU
	M085090	DRSS
	M085090	CETCO
12436	P208366	XAIR
12440471	M090091	PTN
	M090091	CASE
12448	P207295	XAIR
12450F	J190002	HDMI
12450FA	J190002	HDMI
12462838	M065030	HRCN
12464413	M085056	SCOMP
	M085056	HRCN
	M085056	GRST
12465589	M065034	BOSS
	M065034	SCOMP
	M065034	HRCN
	M065034	GRST
12465802	M060037	SCOMP
	M060037	BOSS
	M060037	GRST
	M060037	HRCN
12466144	M065073	GRST
12468776	M085189	HRCN
12470463	M080024	HRCN
12470842	M065073	HRCN
12471558	M101169	HRCN
12471752	M060479	HRCN
12486	J008681	HDMI
12488	J008681	HDMI
1248880	M120225	CAT
	M120225	TIM
12488A	J008681	HDMI
1249281H1	M045237	KTSU
	M045237	DRSS
1250	P207335	XAIR
12500	P206283	DFLX
	P206348	HDMI
12500A	P206348	HDMI
12500CP	P206286	DFLX
	P206354	HDMI
12500F	P206347	HDMI
12500FA	P206347	HDMI
12500FCP	P207346	HDMI
12510	J190003	HDMI
12510A	J190003	HDMI
12510CP	J190004	HDMI
12512	P207339	HDMI
12512A	P207339	HDMI
12512CP	J009547	HDMI
12514222	X004484	ECLD
125158	M001702	AGEM
125159	M085409	AGEM
125160	P206544	AGEM
125161	P206380	AGCO
	P206380	AGEM
12518	P207298	XAIR
12524	J024747	XAIR
12548	P207296	XAIR
12549	M045193	TMCO
1256106	M080024	KOEH
1256 2	X004482	FLYR
125625	M085008	KOEH
125626	P206407	KOEH
125648	M065034	KOEH
125653	M065065	KOEH
125656	M100048	KOEH
125657	M070069	KOEH
125658	M090544	KOEH
125666	M100464	KOEH
125668	M085078	KOEH
125669	M090091	KOEH
125670	M085023	KOEH
125672	M100048	TREX
125675	M100463	KOEH
125684	M090158	KOEH
	M090158	TREX
125695	M085090	KOEH
12574828	P207596	ECLD
12583808	X004538	ECLD
12584634	M140048	ECLD
125925	M090210	KTSU
	M090210	DRSS
12600	P206350	HDMI
12600A	P206350	HDMI
12600CP	P207359	DFLX
12615933	X004962	ECLD
126170	M065065	KTSU
126174	X004482	IRT
1261996	M101181	PIE
126417	M060158	TMPO
126501	M002123	AGEM
126558	M001668	AGEM
1265974H1	P206410	FURU
	P206410	DRSS
12680001	X004536	STMC
12680002	X004537	STMC
12680003	X004476	STMC
12680004	X004538	STMC
12680005	X004478	STMC
12680006	X004480	STMC
12680007	X004482	STMC
12680008	X004484	STMC
12680009	X004539	STMC
127026R92	M085023	NAVI
12723327	P226145	CRMY
12726548	X004478	CRMY
12726581	X004482	CRMY
12754	P270542	WIRG
1279133	M001506	CAT
1282347	M090594	PIE
12826	M060158	TMCO
12827	P207333	TMCO
128453	M002119	AGEM
12855	M065044	TMCO
128974	P207325	IRT
129434C	M100146	OKSH
12967141	H001039	VLVO
	H001039	ECLD
12969628	M090534	ECLD
12969629	P206364	ECLD
	P206364	VALM
	P206364	SISU
12969630	X007784	ECLD
12969930	M090538	VLVO
	M090538	ECLD
12998713500	M065074	NEWS
12998713530	P270535	NEWS
12998713540	P206405	NEWS
12A300	P207352	HDMI
12A300A	P207352	HDMI
12A330	J190013	HDMI
12A330A	J190013	HDMI
12A350	P207327	HDMI
12A350A	P207327	HDMI
12A350F	P207363	HDMI
12A350FA	P207363	HDMI
12A3513	M100464	FMC
12A3569	M090146	FMC
12A400	P206346	HDMI
12A400A	P206346	HDMI
12A440	P207364	HDMI
12A440A	P207364	HDMI
12A550	P207365	HDMI
12A550A	P207365	HDMI
12A555	P207332	HDMI
12A555A	P207332	HDMI
12B300	J190013	HDMI
12B300A	J190013	HDMI
12B300F	J190013	HDMI
12B300FA	J190013	HDMI
12B350	P207328	HDMI
12B350A	P207328	HDMI
12B350F	P207327	HDMI
12B400	P207329	HDMI
12B400A	P207329	HDMI
12B400CP	J190016	HDMI
12B400F	P206346	HDMI
12B400FA	P206346	HDMI
12B500	P206349	HDMI
12B500A	P206349	HDMI
12B500F	P207331	HDMI
12B500FA	P207331	HDMI
12B500FCP	J190019	HDMI
12H0020	M085023	LKBT
	M085023	FMC
12H0411	J009514	LKBT
12H20	M070008	FMC
12K14764LA	J038611	HDMI
12K14764RA	J038612	HDMI
12K5419A	J018110	HDMI
12L275	P207350	DFLX
12L300	P206280	DFLX
12L300AZ	P206280	DFLX
12L350	P206281	DFLX
12L350AZ	P206281	DFLX
12L400	J190023	DFLX
	P207338	HDMI
12L400A	P207338	HDMI
12L400AZ	P206282	DFLX
12L400CP	P206285	DFLX
12L500	P206283	DFLX
	P207340	HDMI
12L500A	P207340	HDMI
12L500AZ	P206283	DFLX
12L500CP	P206286	DFLX
12L600AZ	P207359	DFLX
12M21698A	J028528	HDMI
12P1726A	J009560	HDMI
12P200	P207347	DFLX
12P250	P207349	DFLX
12P275	P207350	DFLX
12P300	P207351	DFLX
12P400	P207353	DFLX
12P400AZ	P207353	DFLX
12P500	P207354	DFLX

Mfgs. No.	Our No.	Mfg. Code
12P500AZ	P207354	DFLX
12P500CP	P216169	DFLX
12PL200	P207347	DFLX
12PL300	P207351	DFLX
12PL300AZ	P207351	DFLX
12PL350AZ	P207352	DFLX
1300	P206341	XAIR
13000011	P207324	PERK
13000065	P206335	PERK
13000066	P206334	PERK
13000077	P270531	PERK
13000080	P206336	PERK
13000111	M065030	PERK
13000154	P207324	PERK
13000177	M065074	PERK
13000214	P206339	PERK
13000243	M065044	PERK
13000271	M100572	PERK
13000275	J000216	PERK
13000277	P270539	PERK
13000284	P206279	PERK
	P207349	PERK
13000361	P207347	PERK
13000380	P206336	PERK
13000402	M045237	PERK
13000403	P206403	PERK
13000404	P270532	PERK
13000451	M065074	PERK
13000494	M045193	PERK
13000502	P206338	PERK
13000509	P206337	PERK
13000511	J000203	PERK
13000514	M120108	PERK
13000518	J000217	PERK
13000521	P206336	PERK
13000522	P206346	PERK
13000523	P207362	PERK
13000529	M085409	PERK
13000530	M002119	PERK
13000532	P206324	PERK
13000534	P207365	PERK
13000535	P270541	PERK
13000539	J000232	PERK
13000543	M065140	PERK
13000544	M120566	PERK
13000560	M002120	PERK
13000561	M002121	PERK
13000562	M002118	PERK
13000571	M101171	PERK
13000573	M065142	PERK
13000578	J000206	PERK
13000579	M002118	PERK
13000580	J000206	PERK
13000622	J190044	PERK
13000637	J190017	PERK
13000650	M065071	PERK
13000652	P270534	PERK
130024	P216191	HDMI
130024A	P216191	HDMI
130036	P208324	HDMI
130036A	P208324	HDMI
130048	P207285	HDMI
130048A	P207285	HDMI
130048CP	P207314	HDMI
1300670	P206327	PIE
1300PE	P207326	XAIR
13013	M100572	TMCO
130245	J000232	AGEM
1305433H1	P224617	KTSU
1305839	P270539	NACO
	P270539	HSTR
13082374	M090158	KTSU
	M090158	DMAG
	M090158	MH
13093075	J009604	IR
	J009604	SKYJ
	J009604	VLVO
	J009604	CUMS
13093083	J009605	IR
13094974	P208326	KTSU
	P208326	MH
	P208326	DMAG
130DD3A4	M065030	EIMC
1310030180	M002119	ATCO
1310030702	J009514	ATCO
1310032059	X004537	ATCO
1310032133	P206410	ATCO
1310032134	P270539	ATCO
1310032512	M080024	ATCO
1310033307	P270543	ATCO
1310033673	X007784	ATCO
131048	P206411	CAT
	P206411	BLNT
1310484800	J000204	ATCO
13112374	M090301	MH
	M090301	KTSU
	M090301	DMAG
131204	M090594	TMLS
	M090594	CLAC
1312885H1	M001702	CETCO
	M001702	KTSU
1313106	P270532	NACO
13145271	M085207	IR
131539	P206410	AUST
13157078	M100049	IR
1316600	P226156	HSTR
13166871	M101169	IR
13169552	P206323	IR
	P206323	VLVO
13195474	M060158	DMAG
	M060158	MH
	M060158	BAR
	M060158	IR
	M060158	KTSU
13198074	P270533	MH
	P270533	KTSU
	P270533	DMAG
1320103	J000227	JLGI
1320128	X004478	JLGI
1320129	X004482	JLGI
132016	M090074	TESSI
132038	M100582	TESSI
	M100464	TESSI
13271606	M091047	IR
	M091047	VLVO
1331909	J240006	HSTR
13339189	J009648	IR
13339213	M070325	IR
13393566	P226152	IR
1341259	M001702	CAT
134203	M090074	CLAC
	M090074	TMLS
134226	P222750	AGEM
134227	M090072	AGEM
1342569	M080018	PIE
1342571	P270536	PIE
1344554	P207326	PIE
1344555	P206340	PIE
1344558	P206367	PIE
134591	M090544	TESSI
1350	P206342	XAIR
135018	P207281	HDMI
135018A	P207281	HDMI
135024	J024735	HDMI
135024A	J024735	HDMI
135036	P208348	HDMI
135036A	P208348	HDMI
135036CP	P208348	HDMI
135048	P207286	HDMI
135048A	P207286	HDMI
1350OD	P207328	XAIR
1350PE	J190014	XAIR
13535	M070008	HAWK
135511	M100465	ECS
	M100465	TESSI
135513	P206409	MACD
1358326	H001279	NACO
	H001279	HSTR
1361200	P270536	NACO
	P270536	HSTR
136200	P270536	NACO
1362100	P270536	NACO
136332	J008671	ELECT
	J008671	DIA
1366LL2001	M101181	SPRT
1375330	M100213	OKSH
	M100213	MNLS
1386049	X004476	NH
	X004476	FMCO
	X004476	CASE
13861232	P270543	IR
13902	P207405	XAIR
13903	P206372	XAIR
13904	P206374	XAIR
13905	P206375	XAIR
13906	P207408	XAIR
13925	P206371	XAIR
1392697	P207362	PIE
1392703	P206341	PIE
13935	P206373	XAIR
1394219	P207325	CAT
1396482	X004478	PIE
13P400	P207353	DFLX
13P500	P207354	DFLX
13PL400	P207353	DFLX
13PL500	P207354	DFLX
13PS4174	M120225	RCHD
1400	P206344	XAIR
140018	P207282	HDMI
140018A	P207282	HDMI
140018CP	P224627	HDMI
140024	J024737	HDMI
140024A	J024737	HDMI
140036	P208364	HDMI
140036A	P208364	HDMI
1400458	P206282	OTWA
140048	P207287	HDMI
140048A	P207287	HDMI
140060	P207288	HDMI
140060A	P207288	HDMI
140060CP	P207299	HDMI
140136CP	P224628	HDMI
140148CP	P224605	HDMI
14017ELBOW	P206282	DMT
14020	P207411	XAIR
14025	P206366	XAIR
1402841	M120365	GRDL
14030	P206367	XAIR
14035	P206368	XAIR
140359804	P207282	HOIST
1403748	M090146	PLOC
1403778	M060158	PLOC
14040	P206369	XAIR
14050	P206370	XAIR
14060	P207414	XAIR
140760801	M090594	HOIST
140761801	P206316	HOIST
140762806	P206369	HOIST
1408383	M070069	PIE
1408389	P270538	PIE
1408390	P207363	PIE
1408396	J190044	PIE
140852A	X004482	OKSH
140930808	P226156	HOIST
14099	X004478	EIMC
1410384	M001703	CAT
1411039	P213191	PBLT
1411480	M001668	CAT
	M001668	DCVG
1413209	M110028	PBLT
1413313	M120365	PBLT
1413371	P206521	PBLT
1413842001	M100580	PBLT
1413842002	M100582	PBLT
1413842003	M100944	KW
	M100944	PACC
141385001	P206398	VMER
1413927	P206521	PBLT
	P206521	IMP
	P206521	KW
	P206521	PACC
1413972	M110143	PACC
	M110143	KW
	M110143	PBLT
1416	P206345	XAIR
141674R91	M085008	NAVI
1416PE1	P207329	XAIR
14189	X004480	EIMC
1421026	H002129	SCNA
1421027	H001035	SCNA
142531	P207332	KRES
142572	M100049	KTSU
142650	X004484	KSHA
1427684	M101158	PIE
1430391H1	M065034	DRSS
	M065034	KTSU
1430469	X007785	CAT
1432461H1	M090594	KTSU
	M090594	DRSS
1432462H1	M085056	KTSU
	M085056	DRSS
14335ELBOW1	P207322	DMT
14335ELBOW2	P207328	DMT
14339	P206372	TRUX
14340	P206373	AP
14341	P206374	TRUX
14343	P206308	AP
	P206308	TRUX
14344546	P270539	VLVO
14344547	P270536	VLVO
14354	M100465	ADUM
1437118H91	H001035	KTSU
1437119H91	H001034	KTSU
1437125H1	J009648	KTSU
1437128H1	J009649	KTSU
1437164H1	P270539	KTSU
1437165H1	P270541	KTSU
143876	J000220	AGEM
14400	P206297	HDMI
14400A	P206297	HDMI
1444251	P206405	TIM
	P206405	CAT
144634	M090535	KSHA
1446492	P224600	SCNA
1446494	P206611	SCNA
1446495	M100582	SCNA
1446498	P206512	SCNA
1446499	J009429	SCNA
1446501	P206641	SCNA
1446502	X007785	SCNA
1446504	P226147	SCNA
14500	P206298	HDMI
14500A	P206298	HDMI
14534	M100465	ADUM
14537	M100213	ADUM
145777001	M085207	VMER
14601	P206372	TRUX
	P206372	AP
14602	P206373	TRUX
14603	P206374	TRUX
14605	P206375	TRUX
	P206375	AP
14618	P206302	AP
	P206302	TRUX
14619	P206303	TRUX
	P206303	AP
14620	P206304	AP
	P206304	TRUX
14621	J014621	AP
14622	J014622	AP
14623	J014623	AP
14625CONN	P206374	DMT
14634	P206927	AP
1463763	X004482	CAT
146654001	P207363	VMER
14694ELBOW1	P206340	DMT
14694ELBOW2	P206339	DMT
14694REDUCER	P206324	DMT
14737	J240007	TRUX
14738	P224479	TRUX
14739	J240006	TRUX
14740	P224481	TRUX
14759ELBOW	P206344	DMT
147887001	P206556	VMER
14817ELBOW	P206340	DMT
1485AL	P206540	RKRM
1487001	M122300	DLTC
1488910	M100465	OKSH
149054	M080024	KSHA
1490AL	P206540	RKRM
149111001	P207366	VMER
149126001	P207366	VMER
1495014M1	M070008	MF
14B400	J092679	HDMI
14B400A	J092679	HDMI
14B500	J092689	HDMI
14B500A	J092689	HDMI
14MK1696AZ	J028528	DFLX
14Z4D104	P270536	PH
	P270536	CTRY
14Z4D118	P270541	CTRY
	P270541	PH
14Z4D16	P270543	PH
150003	M060037	TESSI
150004	M065030	TESSI
150005	M070068	TESSI
150006	M070068	TESSI
	M070069	TESSI
150007	M080024	TESSI
150008	M090091	TESSI
15001	M120154	RKRM
150018	P207283	HDMI
150018A	P207283	HDMI
150018CP	P207283	HDMI
150024	J024739	HDMI
150024A	J024739	HDMI
150024CP	J240024	HDMI
15003	M120100	RKRM
150036	P208380	HDMI
150036A	P208380	HDMI
150036CP	J340023	HDMI
150048	P207292	HDMI
150048A	P207292	HDMI

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
150048CP	P207317	HDMI
15005	M120225	RKRM
15006	M120365	RKRM
150060	P207289	HDMI
150060A	P207289	HDMI
150060CP	P207300	HDMI
15007	M120382	RKRM
1500831	M070008	CLRK
15010	M120235	RKRM
1501052	M100463	AMHO
1501053	M090535	AMHO
15011	M120418	RKRM
1501108CP	P224707	HDMI
150160CP	P224608	HDMI
150172CP	P224706	HDMI
150184CP	P224611	HDMI
15019056	M120176	HRSN
1502168	P226158	HSTR
15023916	M120225	TREX
15026229	M111026	GMCT
	M111026	GM
1503535	M090210	FREQ
1503578	M070069	FREQ
1503898	M085084	FREQ
1504069	M070068	FREQ
1504415	M090091	FREQ
1504913	M080024	FREQ
1504924	M100146	FREQ
1505943	M085023	CLRK
15060400	J190061	LINK
15060401	J190060	LINK
15060402	J190058	LINK
15060406	P222756	LINK
15060407	P222755	LINK
1506827	P206394	FREQ
1508	P207339	XAIR
15090915	P270536	BOSS
15091158	M060158	BOSS
151000	P206519	HDMI
151015	P206521	HDMI
1510461	M065030	FREQ
1510991	M085023	JJI
1511657	M090594	FREQ
1511658	P206399	FREQ
1511719	M070028	FREQ
1511946	P206398	FREQ
1512	P206347	XAIR
1512238	M100049	CLRK
1512PE	P207331	XAIR
1513792	M100048	CLRK
1513902	P270541	HSTR
1514079	P207414	FREQ
1514083	M085078	CLRK
151443	P206508	MOXY
15149659	M111024	GM
1515	J190003	XAIR
1515089	P207402	FREQ
15152	P270531	RWMF
15153	P270536	RWMF
15155	P270539	RWMF
15161	P270534	RWMF
15163	P270541	RWMF
15164	P270543	RWMF
151712	P206606	MOXY
1517514	M100016	CLRK
	M100016	CLJL
1517515	M090091	CLRK
	M090091	ECLD
	M090091	CLJL
1517516	M170101	CLRK
1518	P206348	XAIR
151826	P206509	MOXY
1518317C1	M100695	NAVI
151849479	H001035	NH
	H001035	FIAT
	H001035	CASE
15186939	P270541	GM
	P270541	FPCO
1518825	M120154	CLRK
	M120154	VLVO
1518PE	P206349	XAIR
1519325	M090535	CLRK
1522201	M090146	JJI
1522291	M100465	BLDY
15251993	M100463	TREX
15253	P206313	XAIR
15253991	M120225	TREX
15257794	M090538	TREX
15267	P206605	RWMF
15271	M001503	RWMF
15272	M001702	RWMF
152952	M070008	HSTR
153025	M085056	HSTR
15311000	H001034	TREX
15335	P206314	XAIR
153353	J190044	XAIR
15340	P206315	XAIR
15340PE	J009648	XAIR
15345	P206316	XAIR
15354	P206316	XAIR
153543	J190045	XAIR
153612111	M090158	NH
	M090158	CASE
	M090158	FIAT
153612123	M065044	CASE
	M065044	NH
	M065044	FIAT
153612125	M120100	NH
	M120100	FIAT
	M120100	CASE
153612127	P270538	CASE
	P270538	NH
	P270538	FIAT
153612136	P270533	FIAT
	P270533	CASE
	P270533	NH
153612138	P270539	CASE
	P270539	FIAT
153612153	P270532	CASE
	P270532	FIAT
	P270532	NH
153612157	P270541	CASE
	P270541	FIAT
	P270541	NH
153612171	M100043	FIAT
	M100043	NH
	M100043	CASE
153612177	M060251	NH
	M060251	FIAT
	M060251	CASE
153612182	M120365	NH
	M120365	FIAT
	M120365	CASE
1536521	P206410	PNJK
1541350	M060037	WHITE
1543567	M120108	CLRK
	M120108	ECLD
154477	X004478	DRSS
	X004478	KTSU
15450	P206317	XAIR
154503	J009649	XAIR
1545546	M090074	ECLD
1547250	M045193	OK
	M045193	TREX
1547275	P270532	TREX
	P270532	OK
15503803	M100464	GM
1550817	M060005	CLRK
1552235	M065065	ONAN
1552305	P206410	ONAN
1552734	X007830	ONAN
1552736	X007784	ONAN
15541	P270536	WIRG
15552174	M110479	GM
15557637	M110479	GM
15560	P206318	XAIR
15600	P206515	HDMI
1560203	M070028	CAT
15609879	M110479	GM
156251	X004484	DRSS
	X004484	KTSU
15638767	M085267	GM
1568	J009560	XAIR
156815	M090544	CUMS
15700	P206516	HDMI
157082	M120100	CUMS
1572181	P270541	PNJK
1572191	M120235	JJI
	M120235	PNJK
15723	J008681	RWMF
15726	J008681	RWMF
15738	P206339	RWMF
	P207335	RWMF
15743	P206340	RWMF
	P206341	RWMF
15747	P207335	RWMF
	P206339	RWMF
157864	P270539	CMWK
157864A	P270539	CMWK
158116	H001034	ECLD
1583528	M001799	CAT
15850	P206517	HDMI
1585116	H001034	ECLD
1587517	X004962	VLVO
15900	P206518	HDMI
15901	M120154	RKRM
15902	M120131	RKRM
15903	M120100	RKRM
15903Q	M120100	RKRM
15904W	M120197	RKRM
15905	M120108	RKRM
15906	M120365	RKRM
15906Q	M120365	RKRM
15909	M120235	RKRM
15909Q	M120235	RKRM
15911	M120418	RKRM
15913	M122300	RKRM
159349	M120100	NACO
	M120100	HSTR
1594147	P206280	PIE
1594202	P206372	PIE
159842001	P226153	VMER
1599218	X004539	CAT
1599219	P207366	CAT
1599220	P270543	CAT
160002	M090072	TESSI
16002	X005207	FRAM
	X005207	ALSY
1604316600	P270542	ATCO
16043541	P270543	SAME
160692	M060158	FEDR
	M060158	DIA
	M060158	FEDM
	M060158	ELECT
160713	M120100	KTSU
1609419C1	M090535	NAVI
1615618901	P270540	ATCO
161565700	P270539	ATCO
1615695500	P270533	ATCO
1615704200	P270535	ATCO
1615721400	P270536	ATCO
1615736600	P270532	ATCO
1615793200	M170101	ATCO
1615881700	P270541	ATCO
1616106	P270532	NACO
1616488100	M070069	ATCO
1616710C1	M120100	NAVI
16193981	M100043	ATCO
1619398100	M100043	KTSU
	M100043	ATCO
16193984	M100043	ATCO
1619508200	M120365	ATCO
1619621002	P270535	ATCO
1619621004	P270539	ATCO
1619631801	M090091	ATCO
1619631802	M100016	ATCO
1619631803	M070069	ATCO
1619631804	M080024	ATCO
1619631805	M065030	ATCO
161WA0601	M085008	CLRK
161WA533	M085023	CLRK
161WA599	M080018	CLRK
16208	P207362	HOIST
162443	H001279	KSHA
162941001	M060038	VMER
1630010M	P226140	HDMI
1630010S	P226144	HDMI
163001256CP	J014621	DFLX
16300M	P226129	HDMI
16300S	P226132	HDMI
16312	X006204	VCOR
1635010M	P226141	HDMI
1635010S	P226145	HDMI
16350M	P226154	HDMI
16350S	P226133	HDMI
163513	P206407	KTSU
	P206407	DRSS
163514	P206409	KTSU
	P206409	DRSS
163580	P270532	DIA
	P270532	ELECT
163621528	X004539	VMER
163621530	M100016	VMER
163627673	M001502	VMER
163642518	M101169	VMER
163642783	M002121	VMER
163642784	P207364	VMER
163642854	M101167	VMER
16400	X006203	VCOR
1640010M	P226142	HDMI
1640010S	P226146	HDMI
164001450CP	J014623	DFLX
16400M	P226155	HDMI
16400S	P226156	HDMI
164034	M080018	CUMS
16404	P206297	XAIR
1644490	M100580	OKSH
	M100580	MNLS
1644500	M100582	OKSH
164653	M100146	KSHA
1647375C1	M100580	NAVI
	M100580	DINA
1647998C1	M090520	NAVI
1648000C2	M090547	KTSU
16500	X006202	VCOR
1650010M	P226143	HDMI
1650010S	P226147	HDMI
16500M	P226157	HDMI
16500S	P226158	HDMI
1650800	M001327	MNLS
	M001327	OKSH
165530	P206298	XAIR
16555	P206298	XAIR
16562	M070069	CRMY
16563	M080024	CRMY
1657433C1	M090548	NAVI
1657434C1	M090547	NAVI
1657436C1	M100695	NAVI
1657436C2	M100695	NAVI
1658850	H001284	NACO
1658855	P270539	NACO
1660010M	P226150	HDMI
1660010S	P226153	HDMI
167627	M060037	KSHA
167650	M065071	FMCO
16850024	M090072	UCP
1688662C1	M100580	NAVI
16921	P270540	WIRG
16980	X004484	CC
16F92	M090159	BABR
	M090159	CAT
16H40043	M045237	FMC
16P2501200	P206308	DFLX
16R48	M090210	BABR
17011	P206411	LEVN
17053	X004536	MPOW
17055	X004476	GBKE
17057	X004478	GBKE
17058	X004480	LEVN
17060	X004482	IRT
	X004482	LEVN
	X004482	PDCI
17061	X004484	PDCI
	X004484	MOGU
	X004484	LEVN
17074	X006203	PDCI
17075	X006202	PDCI
170797	M120235	KSHA
17220PC0003	P206303	HNDA
17220PE8600	P206303	HNDA
17220PE8601	P206303	HNDA
1728	J000230	NH
1730018	P206544	HDMI
1730018SS	P206544	HDMI
17301	P206516	HGMP
17324	P208330	XAIR
173548	P206381	XAIR
17369	P208364	CRMY
1736900	M120235	OKSH
17370	P208348	CRMY
173838	M065034	NH
	M065034	FMCO
17390F	M085023	OKSH
17390FX	M085023	OKSH
1740018	P206546	HDMI
1740018SS	P206546	HDMI
17402	P270534	WIMC
17403	P270536	WIMC
17405	P270539	FILTER
	P270539	LEAR
	P270539	FLTR
	P270539	WIMC
17418	P208386	XAIR
17424	J024748	XAIR
17436	P208358	XAIR
17448	P206382	XAIR
1744959	M085008	CLRK
1750018	P206547	HDMI
1750018SS	P206547	HDMI
17518	P208392	XAIR
17524	P208338	XAIR

Mfgs. No.	Our No.	Mfg. Code
17536	P208374	XAIR
17548	P206383	XAIR
1755012	M085090	GRDL
17560	P208394	XAIR
176066740	P206321	BADG
176080988	J034673	BADG
176321	P207367	CAT
	P207367	BLNT
17692	X004484	ADUM
17693	X007784	ADUM
1769937	P206516	PIE
17765	M070008	PETTI
1796899	M090538	CLRK
17B30012SS	J240003	HDMI
17B30018SS	P206552	HDMI
17B30024SS	J240004	HDMI
17B35012SS	J240005	HDMI
17B35018SS	P206553	HDMI
17B35024SS	J024850	HDMI
17B40012	P224479	HDMI
17B40012SS	J240006	HDMI
17B40018	J024754	HDMI
17B40018SS	P206554	HDMI
17B40024	J024835	HDMI
17B40024SS	J024836	HDMI
17B40036	J034743	HDMI
17B40036SS	J034673	HDMI
17B40048	P226142	HDMI
17B50012	P224481	HDMI
17B50012SS	J240007	HDMI
17B50018	J024755	HDMI
17B50018SS	P206555	HDMI
17B50024	J024837	HDMI
17B50024SS	J024838	HDMI
17B50036	J034744	HDMI
17B50036SS	J034674	HDMI
180005348	M090595	VMER
180006147	P206602	VMER
180006149	P206603	VMER
180009	J000202	NOVA
180011547	M002120	VMER
180011827	P270538	VMER
180124	M060158	SLIC
180316	M065034	SLIC
180363	M045237	SLIC
180697	X004478	CASE
18077	P206366	GOE
180864	P215307	CASE
	P215307	AUST
1810110	X004539	OKSH
18110	J018110	AP
181338	P270531	DIA
	P270531	FEDR
	P270531	ELECT
18144	P270542	AP
	P206368	AP
18154F	M085008	OKSH
18154FX	M085008	OKSH
181DGE005E0523	P206508	AGEM
18200	P206403	HDMI
18225	P206404	HDMI
18250	P206405	HDMI
18275	P206406	HDMI
18300	P206407	HDMI
18325	P206408	HDMI
1834224	M001566	CAT
	M001566	EAGP
183422400	M001566	CAT
18350	P206409	HDMI
183670	J009612	CUMS
18375	P207353	RWMF
18376	J009636	RWMF
18377	J009648	RWMF
18400	P206410	HDMI
18400CP	J009486	HDMI
18409	M065071	RWMF
18410	M100464	RWMF
18411	M065034	RWMF
18416	M101167	RWMF
18420	M080018	RWMF
18421	M090594	RWMF
18422	M085171	RWMF
18427	P206318	RWMF
18429	M001505	RWMF
18434	P207366	RWMF
18440	P206411	RWMF
1848432	H001284	FIAT
	H001284	CASE
1849425	X004480	CASE
	X004480	FIAT
1849471	H001278	FIAT
	H001278	CASE
1849473	H001034	FIAT
	H001034	CASE
1849479	H001035	FIAT
	H001035	CASE
18500	P206411	HDMI
18500CP	J009487	HDMI
18571	M090072	URIG
18600	P207667	HDMI
186548	M070008	GRDL
1878529	M090595	PALA
188347	J240006	ELECT
	J240006	DIA
	J240006	FEDR
18838	P206345	BVER
188383	P206345	BVER
18940	M120131	CC
18A0557	M070050	LKBT
	M070050	FMC
18A23165S	M120108	FMC
18A2316S	M120108	FMC
18A300	J000200	HDMI
18A350	J000201	HDMI
18A3784	M120108	LKBT
	M120108	FMC
	M120108	LBX
18A400	J000202	HDMI
18A4305	X004484	FMC
	X004484	LKBT
18A500	J000203	HDMI
18A557	M070050	FMC
18H0419	M120100	FMC
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190003	J190003	AP
190004	J190004	AP
190009	J190009	AP
190011	P207332	AP
1900120015	P207394	PALA
190013	J190013	AP
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190023	J190023	AP
190025	J190025	AP
190026	P206286	AP
190027	J190027	AP
190037688	P207408	PALA
1900401	M060232	STMC
190041	J190041	AP
190042	J190042	AP
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190045	J190045	AP
190046	J190046	AP
190054	J190054	AP
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190060	J190060	AP
190061	J190061	AP
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1901126	M110189	STMC
1901134	M120418	STMC
1901140	M110077	STMC
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1901160	M090158	STMC
1901180	M085023	STMC
1901181	M090547	STMC
1901187	M100466	STMC
190120012	J190044	PALA
190120015	P207394	PALA
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1901311	M090563	STMC
1901314	M111026	STMC
1901331	M060247	STMC
1901332	M085090	STMC
1901334	M045193	STMC
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1901337	M100572	STMC
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1901343	M085008	STMC
1901345	M090544	STMC
1901346	M100582	STMC
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1901351	M120235	STMC
1901352	M100465	STMC
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1901358	M090544	STMC
1901360	M090074	STMC
1901361	M090781	STMC
1901362	M120100	STMC
1901373	M100049	WLKR
1901378	M100695	WLKR
1901382	M100465	STMC
1901383	M090595	STMC
1901384	M090544	STMC
1902490	M070069	CLJL
	M070069	SISU
	M070069	ECLD
	M070069	CLRK
	M070069	VALM
1902493	M085008	CLRK
19030	M100052	RKRM
1903193M91	H001278	MF
	H001278	DETZ
	H001278	AGCO
19035	P206370	CAT
	P206370	BLNT
1903842M91	H001284	DETZ
	H001284	AGCO
	H001284	MF
19043388	J024836	DLTC
1906407	X007805	Marine
	X007805	SHUT
190699	M085090	SLIC
190704	P226151	SLIC
1908250	M065065	STMC
190849	P208330	SLIC
190851	X004536	SLIC
190861	P207596	SLIC
190876	J000231	SLIC
190889	J190013	SLIC
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1909006	M060232	STMC
1909007	M065065	STMC
1909010	M060232	STMC
1909018	M065065	STMC
1909057	M060055	STMC
1909063	M065065	STMC
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1909121	M080018	STMC
1909122	M070028	STMC
1909123	M090362	STMC
1909131	M065065	STMC
1909135	M070008	STMC
	M070008	FIAT
1909146	M070050	STMC
1909207	M085008	STMC
1909208	M085023	STMC
1909218	M085207	STMC
1909230	M085207	STMC
1909234	M085171	STMC
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1909377	M090781	STMC
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1909428	M120131	STMC
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1909451	M120367	STMC
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1909542	M090538	STMC
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1909550	M090534	STMC
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1909702	M065065	STMC
1909703	M065065	STMC
1909801	M085171	STMC
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1909855	M100049	STMC
1909858	M110014	STMC
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1909872	M100580	STMC
1909887	M100048	STMC
1909892	M100465	STMC
1909898	M100463	STMC
1909926	M120382	STMC
1912400	X007829	CAT
191419	P207415	DIA
	P207415	ELECT
1920915	X004539	FAUN
192256	P206508	SLIC
192257	P206543	SLIC
192258	P207290	SLIC
1925199	X004480	SISU
	X004480	ECLD
	X004480	VALM
1928766	X004482	ECLD
19298108	J000233	IR
19298116	P206411	IR
19300	P206600	HDMI
19300Z	P206600	HDMI
1930115	H001278	FIAT
	H001278	CASE
	H001278	NH
19350	P206601	HDMI
19350CP	P206609	HDMI
19350Z	P206601	HDMI
19400	P206602	HDMI
19400CP	P206610	HDMI
19400Z	P206602	HDMI
194027	M001503	DWCH
	M001503	CMWK
194027A	M001432	CMWK
194049	M001702	CMWK
	M001702	DWCH
194064	J008671	CMWK
194137A	M060158	CMWK
194181	M001703	DWCH
	M001703	CMWK
194181A	M001703	DWCH
	M001703	CMWK
194202	M001504	CMWK
	M001504	DWCH
194284A	J008681	CMWK
194375	J024748	CMWK
194375A	P208330	CMWK
194451	M001668	CMWK
194456	M101168	CMWK
194456A	M101168	CMWK
194479A	M060251	CMWK
194625	X004484	PRVT
194843	X004482	PRVT
19500	P206603	HDMI
19500043	P206602	PRVT
19500183	J000203	PRVT

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Donaldson FILTRATION SOLUTIONS

Mfgs. No.	Our No.	Mfg. Code
19500186	J009606	PRVT
19500260	X004480	PRVT
19500278	P207667	PRVT
19500467	X006203	PRVT
19500505	P206411	PRVT
19500529	J009624	PRVT
19500530	X007785	PRVT
19500534	P206607	PRVT
19500581	P206408	PRVT
19500585	P206409	PRVT
19500586	P213191	PRVT
19500659	P206407	PRVT
19500781	P206603	PRVT
19500862	J000230	PRVT
19500CP	P206611	HDMI
19500Z	P206603	HDMI
19501529	P206507	PRVT
19502069	P206410	PRVT
19502386	X004478	PRVT
1951025	M085056	CMWK
1951026	M085078	CMWK
1951315	M080024	CMWK
1951468	M001502	CMWK
1951510	P270538	CMWK
195617	J009607	PRVT
195N949	M070008	OKSH
19600	P207596	HDMI
19600CP	P207598	HDMI
19600Z	P207596	HDMI
196103	P270531	CMWK
196224	P206410	FMC
196332A	M100048	CMWK
196350	P207402	CMWK
196351	P206304	CMWK
196373	P206309	CMWK
196381	P270530	CMWK
19745	P207339	CC
197700	M045237	FMCO
197721	M085023	FWD
199254	M045237	FMCO
199386R91	M085008	NAVI
19A200	J000220	HDMI
19A225	J000222	HDMI
19A250	J000221	HDMI
19A275	J000224	HDMI
19A300	J000227	HDMI
19A350	J000228	HDMI
19A400	J000230	HDMI
19A500	J000232	HDMI
19H0340	X004482	FMC
	X004482	LKBT
	X004482	LBX
19TN726	M060005	OKSH
19X1442	M120135	STMC
1D22101	M045237	FMHD
1G5192	P206411	RYGO
	P206411	CAT
1G5679	P206409	TIM
	P206409	CAT
1G8122	M170101	RYGO
	M170101	CAT
1H0859	M070008	FMC
	M070008	LKBT
1H2180	M090158	LBX
	M090158	FMC
	M090158	LKBT
1JD916	X007830	OKSH
	X007830	ONAN
1M13284800	M045193	WHITE
1ME19301	M090544	MACK
1ME19301P1	M090544	MACK
1ME19301P10	M090535	MACK
1ME19301P2	M090074	MACK
1ME19301P5	M090544	MACK
1ME19301P7	M090544	MACK
1ME19301P8	M100464	MACK
1ME19301P9	M100464	MACK
1MEA19301P5	M090544	MACK
1NPN90506	M100944	MACK
1P2035	M070008	CHLN
1X39440007	M065044	HAY
1X6442	X004538	FMC
	X004538	LKBT

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Mfgs. No.	Our No.	Mfg. Code
200	J000220	AP
20000145	J009644	ASTEC
	J009644	AST
20000152	P207366	AST
	P207366	ASTEC
200002	P206279	TESSI
200004232	X006202	CAT
20000646	P206398	AST
	P206398	ASTEC
20000651	J190003	AST
	J190003	ASTEC
200014	P207351	TESSI
200024	P206389	TESSI
200027	P207333	TESSI
200028	P207335	TESSI
200029	P206340	TESSI
200035	P206343	TESSI
2000393	M085056	RYGO
200043	P206348	TESSI
200048	P207324	TESSI
200052	J190016	TESSI
200063	P206393	TESSI
200068	P216174	TESSI
200070	P207325	TESSI
200071	J190013	TESSI
20007402	M065044	NH
	M065044	FIAT
	M065044	CASE
200079	P207350	TESSI
200095003	J190003	CAT
200095301	P206547	CAT
200095705	P208394	CAT
200095811	P206509	KIMBLE
2000SEU063	M090009	GRDR
2001103	M060251	TYLR
200114	J190004	TESSI
2002206	M100463	GM
200238N	M090595	FTGD
	M090595	NLSN
2002655	M090280	GM
2005340	M090159	GM
2006718	M100463	GM
200827R91	M100049	NAVI
2009207	M090534	GM
200A1014	P206331	AP
200A1016	P226140	AP
200A7516	P206331	AP
200K1014	P206331	AP
200K1016	P206331	AP
200K7016	P206331	AP
200K7514	P206331	AP
200K7516	P206331	AP
200SEU063	M090009	GRDL
200SP1063	M120100	GRDL
200SPQ063	M120100	GRDL
2010003	P206371	STMC
2010005	P207405	STMC
2010014	P206372	STMC
2010041	P206373	STMC
2010061	P206374	STMC
2010069	P206375	STMC
2010114	P207408	STMC
2010768	X004476	GM
2010769	X004538	GM
2010770	X004478	MTRC
	X004478	MOCH
2010771	X004480	GM
	X004480	MOCH
	X004480	MTRC
2010772	X004482	GM
2010773	X004484	UCP
	X004484	GM
2011273	P206371	STMC
2011274	P206373	STMC
2011275	P206374	STMC
2011276	P206375	STMC
2011280	P206375	STMC
201210	M065030	BEQP
2013323	M100213	GM
	M100213	VLVO
2015210C1	M100582	NAVI
20153T	M080018	NLSN
201550N	M060479	NLSN
201551N	M060480	NLSN
201552N	M060481	NLSN
201553N	M060482	NLSN
201554N	M060483	NLSN
201555N	M065138	NLSN
201556N	M065139	NLSN
201557N	M065140	NLSN
201558N	M065141	NLSN
201559N	M091050	NLSN
	M065142	NLSN
201560N	M085407	NLSN
201561N	M085408	NLSN
201562N	M085409	NLSN
201563N	M085410	NLSN
201564N	M060483	NLSN
	M085411	NLSN
201565N	M091046	NLSN
201566N	M091047	NLSN
201567N	M091048	NLSN
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201569N	M091050	NLSN
201570N	M101167	NLSN
201571N	M101168	NLSN
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201577N	M120749	NLSN
201578N	M120750	NLSN
201579N	M120751	NLSN
2016573	M120108	GRDL
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2020006	P270533	STMC
202000R91	M100049	NAVI
2020012	P270534	STMC
2020022	P270535	STMC
2020083	P270536	STMC
20200ES	J000210	HDMI
2020108	P270538	STMC
2020134	P270539	STMC
2020144	P270541	STMC
2020200	P270532	STMC
2020225	P270533	STMC
2020249	M100463	GM
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2020275	P270535	STMC
2020300	P270536	STMC
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2020384	P270540	STMC
2020385	P270543	STMC
2020400	P270539	STMC
2020406	P270837	STMC
2020414	P271508	STMC
2020415	P270837	STMC
2020417	P270838	STMC
2020450	P270540	STMC
2020500	P270541	STMC
2020550	P270542	STMC
	P270542	WLKR
2020600	P270543	AMBC
	P270543	STMC
2021027	P271508	STMC
2021028	P270837	STMC
2021029	P270838	STMC
2021300	P271507	STMC
	P271507	WLKR
2021400	P270837	STMC
2021500	P270838	STMC
2021600	P271511	STMC
	P271511	WLKR
2022400	P270539	STMC
	P270539	WLKR
20225	X004537	HDMI
2022500	P270541	STMC
	P270541	WLKR
20225ES	J000212	HDMI
202265	M060158	KSHA
2022825	M100465	GM
2024270	X004536	GM
2024271	X004537	GM
20250	X004476	HDMI
20250ES	J000211	HDMI
20275	X004538	HDMI
20275ES	J000213	HDMI
2028001	P270535	STMC
202SPT063	M170101	GRDL
20300	X004478	HDMI
20300ES	J000214	HDMI
203010820	X004536	WHITE
2030195	P207382	STMC
2030202	P206313	STMC
2030208	P206314	STMC
2030212	P206316	STMC
2030213	P206317	STMC
2030214	P206318	STMC
2030401	P206315	STMC
2030812	M100464	GM
2031274	P207386	STMC
2031275	P206316	STMC
2031276	P206317	STMC
2031279	P207385	STMC
2031281	P206318	STMC
2033269	M100465	GM
2033410	M100213	OKSH
2033626	M070008	EATN
20350	X004480	HDMI
20350A	X006204	HDMI
20350ES	J000215	HDMI
20354626	M100944	VLVO
2038095	M090009	TRJN
2039105	M090534	GM
203981100	P206342	TRJN
20400	X004482	HDMI
20400A	X006203	HDMI
20400B	X004482	HDMI
20400ES	J000216	HDMI
20400I	X004482	HDMI
204035	X004482	BEQP
2042783	M070028	EATN
2043027	P206600	CAT
2045555	M002117	ASV
2046609	M090534	GM
2046900	M065071	TRJN
204690000	M065071	TRJN
20477610	M001865	MACK
	M001865	VLVO
20500	X004484	HDMI
2050002	P206297	STMC
2050010	P206297	WLKR
	P206297	STMC
2050019	P206297	STMC
2050029	M045237	ASV
2050032	P206298	STMC
20500A	X006202	HDMI
20500B	X004484	HDMI
20500ES	J000217	HDMI
20500I	X004484	HDMI
205012	X004478	BEQP
2050657	J092689	STMC
2051892	M060055	ASV
205229	M090158	SHBR
20580000	M065065	UPRH
20580001	M065044	UPRH
205996	M085090	CRMY
20600	X004539	HDMI
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2060004	P206403	STMC
2060011	P206404	STMC
2060016	P206405	STMC
2060025	P206406	STMC
2060030	P206407	STMC
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2060042	P206409	STMC
2060063	P206410	STMC
2060070	P206282	STMC
2060072	P206411	STMC
20600I	X004539	HDMI
2061063	J009486	STMC
	J009486	WLKR
2061072	J009487	STMC
	J009487	WLKR
20619T	M070325	NLSN
206204	X004478	CRMY
206212	J240004	CRMY
206337	P206337	DD
2063420	M085056	TRJN
206342000	M085056	OK
	M085056	TRJN
	M085056	EATN
206346	P206346	GNRC
206466100	P206607	TRJN
	P206607	TREX
206615	P206615	DD
2067739	M001503	CAT
206773900	M001503	CAT
2068063	J009486	WLKR
	J009486	STMC
2068072	J009487	WLKR
	J009487	STMC
2069207	M090534	GM
2069773	J009611	GM
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2070209	P206373	STMC
2070215	P207596	STMC
2071275	P206609	STMC
2071276	P206610	STMC
2071277	P206611	STMC
2071283	P207598	STMC
2071284	P206608	WLKR
	P206608	STMC
2071285	P206600	STMC

Mfgs. No.	Our No.	Mfg. Code
	P206600	WLKR
2071286	P206601	STMC
	P206601	WLKR
2072019	M120108	TRJN
207201900	M120108	EATN
2073181	M065034	EATN
207335	P207335	ENGN
207366	P207366	YOUNM
207368	P207368	VMER
2076550	M085023	TRJN
207655000	M085023	TRJN
	M085023	EATN
20779	P206408	QUIN
2078196	P206602	STMC
	P206602	WLKR
2078201	P206603	WLKR
	P206603	STMC
2078215	P207596	WLKR
	P207596	STMC
2079903	M090534	GM
2080012	P222748	STMC
2080102	J000224	STMC
2080103	J000227	STMC
2080105	J000228	STMC
2080107	J000230	STMC
2080109	J000232	STMC
2081801	M090170	FMC
20824	P206306	TRUX
208522	M080018	DRDT
2088102	J000224	WLKR
	J000224	STMC
2088103	J000227	WLKR
	J000227	STMC
2088105	J000228	STMC
	J000228	WLKR
2088107	J000230	WLKR
	J000230	STMC
	P206410	CRMY
2088109	J000232	STMC
	J000232	WLKR
208852	M070028	DRDT
2089167	M085008	TRJN
208916700	M085008	TRJN
	M085008	EATN
2089643	M070068	EATN
	M070068	TRJN
	M070068	YALE
208964300	M070068	TRJN
2090008	P207784	STMC
2090696	P206507	STMC
2090987	J008167	STMC
209115	J000230.	Scompa
2091176	M120365	GM
2092903	M070069	EATN
	M070069	TRJN
	M070069	YALE
209290300	M070069	TJAK
	M070069	JNDR
2093622	M085023	EATN
2094047	M065065	TRJN
209500200	M090158	TJAK
	M090158	EATN
209802	X004476	WKSA
209802B	X004536	WKSA
209802C	X004482	WKSA
209802D	X004478	WKSA
209802E	X004484	WKSA
20A300	J009604	HDMI
20A350	J009605	HDMI
20A400	J009606	HDMI
20A500	J009607	HDMI
20C300	X007830	HDMI
20C350	X007831	HDMI
20C400	X007784	HDMI
20C500	X007785	HDMI
20E01K1520	P270536	KTSU
20S200	J190056	HDMI
20S225	J190057	HDMI
20S250	J190058	HDMI
20S275	J190059	HDMI
20S300	J190060	HDMI
20S350	J190061	HDMI
20S400	J009623	HDMI
20S500	J009624	HDMI
2100002	P206520	STMC
2100003	P206521	STMC
21000038	P207329	ASTEC
	P207329	AST
21000039	P206336	ASTEC
	P206336	AST
2100004	P224481	STMC
21000042	P206399	ASTEC
	P206399	AST
21000043	P207353	AST
	P207353	ASTEC
21000044	P206395	AST
	P206395	ASTEC
21000048	J008671	ASTEC
	J008671	AST
21000085	M090074	AST
	M090074	ASTEC
21000090	J009636	ASTEC
	J009636	AST
2100017	P206523	STMC
2100019	P206526	STMC
21000195	P206393	AST
	P206393	ASTEC
21000198	P207362	AST
	P207362	ASTEC
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2100023	P206525	STMC
21000360	P207363	ASTEC
	P207363	AST
2100048	M120131	CRAN
21000793	P207326	AST
	P207326	ASTEC
2100083	M120197	CRAN
21001004	P207324	AST
	P207324	ASTEC
2100116	M120448	CRAN
2100128	M120131	CRAN
21001321	M120225	ASTEC
	M120225	AST
21001330	J009648	ASTEC
	J009648	AST
21001385	J190042	ASTEC
	J190042	AST
2100146	P206515	STMC
2100150	M085207	CRAN
2100153	P206516	STMC
2100164	M090091	CRAN
2100165	M120225	CRAN
2100167	P206517	STMC
2100169	M100016	CRAN
2100171	M140048	CRAN
2100180	P206518	STMC
21003	M060232	WLKR
2100338	P206519	STMC
2100360	P207363	AST
	P207363	ASTEC
21004	M065065	WLKR
21007	M060232	WLKR
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2100992	P206511	STMC
2100993	P206512	STMC
2100995	P206511	STMC
2101000	P206512	STMC
210116	M120448	CRAN
210121	M070028	CRAN
21013	M090544	CRAN
21016	M070028	CRAN
21018	M085023	WLKR
	M120100	CRAN
21021	M065065	WLKR
21022	M060232	WLKR
21023	M085023	CRAN
21024	M120365	CRAN
21025	M045237	WLKR
21026	M100049	CRAN
21028	M060232	WLKR
21030	M100049	CRAN
	M065065	WLKR
2103006	M090301	GRDL
21035	M090544	CRAN
21037	M090535	CRAN
21038	M085008	CRAN
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21046	M120100	CRAN
21047	M120108	CRAN
21048	M120131	CRAN
210486	P206309	Scompa
21054	M120154	CRAN
21055	M080024	CRAN
2105576	M120131	TRJN
210557600	M120131	EATN
	M120131	TRJN
21057	M100464	CRAN
21058	P206319	GTMN
21059	M065065	WLKR
2106001	M090301	VMER
21060011	M090301	VMER
21066	M090538	CRAN
21067	M100464	CRAN
21068	M065065	WLKR
	P207394	PDCI
2106828	M002121	CAT
2106829	M002121	CAT
21070	M090535	CRAN
21072	M120197	CRAN
21074	M090547	WLKR
	M120365	CRAN
21078	P206303	LEVN
	M100465	CRAN
21079	P206304	LEVN
21082	M120189	CRAN
21083	M120197	CRAN
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21092	M100048	CRAN
21093	M100463	CRAN
21094	M120235	CRAN
21095	M090091	CRAN
21097	M065065	WLKR
21099	M120235	CRAN
21101	M085008	WLKR
2110221	P206616	STMC
21113	P206604	HDMI
2111312	P206605	HDMI
211197	M090544	CUMS
211206	M100049	CUMS
211213	M090072	CUMS
21124	M060232	WLKR
21125	M065065	WLKR
	P210110	HDMI
21126	M060232	WLKR
21127	M060232	WLKR
21136	M065044	KUTK
21137	P206405	KUTK
21151	M065065	WLKR
211516500	M090210	TREX
2115188	P206408	TREX
	P206408	OK
211618R91	M085023	NAVI
21169	M060232	WLKR
21174	M120100	WLKR
2117521	X004476	BLDY
2117539	X004480	BLDY
21188	M045237	WLKR
212	J000221	AP
2120401292	M090535	REX
2120402592	M090170	RXRD
2120403292	M060158	MIIN
	M060158	RXRD
2120403492	M070069	RXRD
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2120981	J009429	STMC
2120982	X005207	STMC
2120986	P206543	STMC
2120995	P206540	STMC
2121006	X005207	WLKR
21213	J009612	HDMI
2121405	J024758	STMC
21215	P206607	HDMI
212361	M085008	CUMS
212362	M085023	CUMS
2124312	J009613	HDMI
212507592	M090538	CLRK
21259	M065065	WLKR
21287	M060232	WLKR
212A1014	P206333	AP
212A1016	P206333	TRUX
	P206333	AP
212K1014	P206333	AP
212K7514	P206333	AP
2130010	P226148	STMC
2130015	P226149	STMC
2130020	P226148	STMC
	P226148	WLKR
2130026	P226141	STMC
2130530	P226129	STMC
2130535	P226154	STMC
2130540	P226155	STMC
2130550	P226157	STMC
2131025	P226149	STMC
	P226149	WLKR
2131030	P226140	WLKR
	P226140	STMC
2131035	P226141	STMC
	P226141	WLKR
2131040	P226142	STMC
2131050	P226143	STMC
2131060	P226150	WLKR
	P226150	STMC
21314	J009614	HDMI
2131840	J024754	WLKR
	J024754	STMC
2131850	J024755	STMC
2132440	J024835	STMC
	J024835	WLKR
2132450	J024837	STMC
21325	M060232	WLKR
2132530	P226129	STMC
2132535	P226154	STMC
2132540	P226155	WLKR
	P226155	STMC
2132550	P226157	STMC
21328	M065065	WLKR
21331	M060232	WLKR
2133640	J034743	WLKR
	J034743	STMC
2133650	J034744	STMC
	J034744	WLKR
2134056	P207331	CAT
2134083	M100582	CAT
2134840	P226142	STMC
21365	M065065	WLKR
21372	M060232	WLKR
21374	P222018	HDMI
21384	J009611	HDMI
2139921	M090158	BLWL
214	J000222	AP
2140057	P226142	STMC
2140071	P226143	STMC
2140530	P226129	STMC
2140535	P226154	STMC
2140540	P226155	STMC
2140550	P226157	STMC
2140562	J024835	STMC
2140563	J034743	STMC
2140564	P226142	STMC
2140566	J024837	STMC
2140567	J034744	STMC
2140590001	M065034	VMER
2140590011	M065034	VMER
2140804	J024754	STMC
2140806	J024755	STMC
2142445	P270543	TREX
2143292	M120225	TREX
	M120225	OK
21439	M065065	WLKR
21464	M090362	WLKR
21465	M100049	WLKR
21470	M070028	WLKR
21475	M065065	WLKR
21476	M085023	WLKR
21495	M060232	WLKR
2150066	P226146	STMC
2150400	P226147	STMC
2150651	P226145	STMC
2150671	P226144	STMC
2150735	P226133	STMC
2150740	P226156	STMC
2150750	P226158	STMC
2150808	P206552	STMC
2150809	P206553	STMC
2150810	P206554	STMC
2150812	P206555	STMC
2150867	P226152	STMC
2151020	P226151	WLKR
	P226151	STMC
2151025	P226152	STMC
	P226152	WLKR
2151030	P226144	STMC
	P226144	WLKR
2151035	P226145	STMC
	P226145	WLKR
2151040	P226146	STMC
2151050	P226147	STMC
2151060	P226153	WLKR
	P226153	STMC
2151240	J240006	STMC
	J240006	WLKR
2151250	J240007	STMC
2151830	P206552	WLKR
	P206552	STMC
2151835	P206553	WLKR
	P206553	STMC

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
2151840	P206554	WLKR
	P206554	STMC
2151850	P206555	STMC
	P206555	WLKR
2152440	J024836	WLKR
	J024836	STMC
2152450	J024838	STMC
	J024838	WLKR
2152530	P226132	WLKR
	P226132	STMC
2152535	P226133	STMC
2152540	P226156	STMC
215254001	M085208	VMER
2152540011	M085208	VMER
2152550	P226158	STMC
2153640	J034673	STMC
	J034673	WLKR
2153650	J034674	STMC
	J034674	WLKR
21540	M065065	WLKR
21578	M060037	WLKR
21579	M065030	WLKR
21580	M070068	WLKR
21581	M070069	WLKR
21582	M080024	WLKR
21584	M090091	WLKR
2160001	P206279	STMC
2160004	P207350	STMC
2160048	P206279	STMC
2160053	P207350	STMC
2160056	P206280	STMC
2160065	P206281	STMC
2160070	P206282	STMC
2160074	J190025	STMC
2160506	P207359	STMC
2161012	P206286	STMC
2161126	P206280	STMC
2161127	P206281	STMC
2161128	P206282	STMC
2161129	J190025	STMC
2161144	P207346	STMC
2161146	J190023	STMC
2161147	J190027	STMC
2161153	J190023	STMC
2161154	J190025	STMC
2161155	P207359	STMC
2161158	P206283	STMC
21627	P206341	KUTK
2169001	M085056	VMER
21690011	M085056	VMER
21693 1	M060055	DRDT
2170003	P207322	STMC
2170005	P207324	STMC
2170006	P207325	STMC
2170067	P206348	STMC
2170147	P207322	STMC
2170151	P216174	STMC
2170156	P207324	STMC
2170160	P207325	STMC
2170166	J190013	STMC
2170171	P207328	STMC
2170174	P207329	STMC
2170179	P206349	STMC
2170182	P207326	STMC
2170188	P207327	STMC
2170194	P206346	STMC
2170203	P207331	STMC
2170380	P207330	STMC
2170494	P206346	STMC
2170507	P216175	STMC
2170663	P207332	STMC
2170966	P216175	STMC
2170971	P207329	STMC
2170972	P206349	STMC
2170973	P207327	STMC
2170974	P206346	STMC
2170975	P207331	STMC
2170992	P207331	STMC
2171004	J190019	STMC
2171006	P207364	STMC
2171009	P207362	STMC
2171010	P207366	STMC
2171011	P207362	STMC
2171013	P206346	STMC
2171014	P207362	STMC
2171015	P207332	STMC
2171016	P207332	STMC
2171188	P207363	STMC
217149	M090544	HSTR
21722	M045237	WLKR
21723	M065071	WLKR
217326	M090544	RYGO
21745	M065065	WLKR
2177	P206546	NAPA
2178014	P207364	STMC
2180003	P207335	STMC
2180004	P207333	STMC
2180040	P207333	STMC
2180049	P207335	STMC
2180054	P216172	STMC
2180058	P206341	STMC
2180062	P206343	STMC
2180064	P206345	STMC
2180067	P206348	STMC
2180075	P206340	STMC
2180079	P206342	STMC
2180081	P206344	STMC
2180084	P206347	STMC
2180096	P207338	STMC
2180381	P207339	STMC
2180488	J008681	STMC
	P206344	CRMY
2180508	P207341	STMC
2181002	P207345	STMC
2181003	P206353	STMC
2181006	P207346	STMC
2181007	P206354	STMC
2181124	P207340	STMC
2181125	P206341	STMC
2181126	P206343	STMC
2181127	P206345	STMC
2181128	P206348	STMC
2181129	P206340	STMC
2181130	P206342	STMC
2181131	P206344	STMC
2181132	P206347	STMC
2181153	P207341	WLKR
2181154	P207339	STMC
2181182	P206344	STMC
2181183	P206340	STMC
2181185	P206344	STMC
2181186	P206344	STMC
2181187	P206341	STMC
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2181201	P206340	STMC
2181202	P206342	STMC
2181203	P206344	STMC
2181204	P206344	STMC
21832	M090520	WLKR
21833	M100048	WLKR
21835	M090072	WLKR
21837	M100049	WLKR
218371	P205834	KSHA
21838	M085171	WLKR
218439	H001284	KSHA
2185	P206343	NAPA
21850	M060232	WLKR
2188030	J008681	STMC
2190093	P206331	STMC
2190106	P206333	STMC
2190110	J000127	STMC
2190113	P206334	STMC
2190118	P206335	STMC
2190125	P206336	STMC
2190143	P206338	STMC
2190345	P206337	STMC
2191J000218	J000218	MACK
2191J008681	J008681	MACK
2191J009605	J009605	MACK
2191J038612	J038612	MACK
2191J190003	J190003	MACK
2191KYX004476	X004476	MACK
2191KYX004478	X004478	MACK
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2191KYX004482	X004482	MACK
2191KYX004484	X004484	MACK
2191KYX004536	X004536	MACK
2191KYX004537	X004537	MACK
2191KYX004539	X004539	MACK
2191M080018	M080018	MACK
2191M080024	M080024	MACK
2191M085171	M085171	MACK
2191M090072	M090072	MACK
2191M090091	M090091	MACK
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2191P206615	P206615	MACK
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2191P207414	P207414	MACK
2191P207596	P207596	MACK
2191P208394	P208394	MACK
2191P216197	P216197	MACK
2191P270541	P270541	MACK
2191WZM100464	M100464	MACK
2191X004482	X004482	MACK
21923	M120154	WLKR
219567	P206406	NH
	P206406	CASE
21966	P216227	WLKR
21968	M100052	WLKR
21969	M100146	WLKR
21971	M120382	WLKR
219802	M065034	DRDT
21998	M065034	WLKR
21H0145	J240012	LKBT
2200	M002164	MOB
22000214	M100463	AST
	M100463	ASTEC
2200086	P207367	STMC
2200087	P206849	STMC
2200092	P207368	STMC
2200098	P206850	STMC
22004	M090280	WLKR
22005	M100016	WLKR
2200815613	M100464	BLDY
2201032	P206851	STMC
2201080	P207369	STMC
22016	P206344	LEAR
	P206344	FLTR
	P206344	FILTER
22029	P206555	MOGU
22046	P207339	LEVN
22056	P206286	WLKR
220817	M085023	DRDT
220847	P270532	SLIC
220861	M001505	DLTC
2210112	P207415	STMC
2210126	P206927	STMC
2210131	P206302	STMC
2210141	P206303	STMC
2210148	P206304	STMC
2210154	P207298	WLKR
	P207298	STMC
2210695	P206301	STMC
2210696	P206303	STMC
2210697	P206304	STMC
2210698	P207298	STMC
221303	M045123	KSHA
221322	M090158	DRDT
22139455	M122300	IR
22139544	M122300	IR
22139555	M122300	IR
221499	M100049	DRDT
22163	P216200	WLKR
22167	P216204	WLKR
22168	P208359	WLKR
22169	P208375	WLKR
221694	M060232	DRDT
2218000	P207559	STMC
2220111	P206306	STMC
2220119	P206308	STMC
2220122	P206927	STMC
2220124	P206309	STMC
2220130	P206310	STMC
2220133	P206311	STMC
2220136	P208392	STMC
2220967	P208386	STMC
2220979	P206310	STMC
2220981	P206311	STMC
2220982	P208338	STMC
2220984	P206309	STMC
2220985	P208358	STMC
2220989	P208392	STMC
22214	M090547	WLKR
22231	M090563	WLKR
222434	M100463	IVECO
22250	P206333	DFLX
22254965	P207341	IRCR
	P207341	IR
222578	M120154	DRDT
22279590	P206344	IR
2228000	P207419	STMC
22300	P206334	DFLX
22300AZ	P206334	DFLX
22300S	P224685	DFLX
2230745	M085056	FMC
22320220	M065044	IR
22320246	M100048	IR
22320253	M085090	IR
22332	M060251	TMCO
2233448	X004478	FMC
22337	M120366	WLKR
22340350	M090301	IR
22344816	P206520	IR
22350	P206335	DFLX
22350AZ	P206335	DFLX
2235724	M085023	FMC
223599	P206323	GRVE
22362	M060250	TMCO
2236206001	M100016	HRCN
2236206186	J190002	HRCN
2236206238	J009648	HRCN
2236209022	P207333	HRCN
2236408	M100048	FMC
2236410	X004482	FMC
22367007	M085056	IR
22373179	M101170	IR
22376255	M090158	IR
22381	M120131	WLKR
22382550	M060482	IR
22391	M090548	WLKR
22395867	M120750	IR
22400	P206336	DFLX
22400AZ	P206336	DFLX
22400S	P224686	DFLX
2240164	P208388	STMC
2240176	P208358	STMC
2240463	P208374	STMC
2240470	P206383	STMC
224063	P270539	FMC
2240878	P208388	STMC
2240880	P208394	STMC
2240882	J024748	STMC
2240883	J024750	STMC
22436794	P207285	IR
2244018	P208386	WLKR
22445	M060480	WLKR
22449	M090534	WLKR
22452	M120418	WLKR
22453039	P206327	IR
22453047	P206328	IR
22453625	M110479	IR
22456172	M120235	IR
22456198	J190003	IRCR
	J190003	TKNG
	J190003	IR
22456701	P206521	IR
224620	M090210	DRDT
2246593	M110189	CAT
2247830	H001279	FMC
22500	P206337	DFLX
2250006	P206612	WLKR
225002	M090535	RIMP
22500AZ	P206337	DFLX
22500S	P224687	DFLX
225010	P206542	RIMP
225012	M090074	RIMP
2250190	P207568	STMC
2250205	P207567	STMC
2250207	P207566	STMC
225021	M100465	RIMP
225029	M170101	RIMP
225039	M122300	RIMP
225043	M100463	RIMP
225048	M100463	RIMP

Mfgs. No.	Our No.	Mfg. Code
2250943	P207566	STMC
2250944	P207620	STMC
2251095	P207619	STMC
2251096	P207581	STMC
2251097	P207620	STMC
2251098	P207582	STMC
2251254	P207567	WLKR
	P207567	STMC
2251259	J009393	STMC
2251261	P207581	STMC
2251262	P207567	STMC
2251264	P207581	STMC
2251265	P207568	STMC
2251275	P207581	STMC
	P207581	WLKR
2251277	P207568	WLKR
2251279	P207581	WLKR
22551	M090158	WLKR
22552	M120225	WLKR
22566	M085267	WLKR
22572	M090594	WLKR
22583	M065065	WLKR
22600	P206338	DFLX
22600AZ	P206338	DFLX
22604	M090547	WLKR
2260801	M045237	FMC
2261697	M065065	FMC
22628	M065034	WLKR
22630	M070008	WLKR
22632	M090158	WLKR
22633	M090170	WLKR
22634	M100146	WLKR
22636	M085056	WLKR
22637	M085207	WLKR
22663	M090563	WLKR
22665	M120367	WLKR
22691640	M100463	KTSU
	M100463	DMAG
	M100463	MH
2269681	M060232	FMC
2270257	P207281	STMC
2270260	P207282	STMC
2270271	P207283	STMC
2270542	J024737	STMC
2270544	P216191	STMC
2270547	J024735	STMC
2270551	J024739	STMC
2270565	P208324	STMC
2270566	P208364	STMC
2270573	P208348	STMC
2270574	P208380	STMC
2270577	P207285	STMC
2270578	P207287	STMC
2270579	P216197	STMC
2270585	P207286	STMC
2270586	P207292	STMC
2270590	P207288	STMC
2270598	P207289	STMC
2270951	P206376	STMC
2270952	P206376	STMC
2270955	P206377	STMC
2270958	P206378	STMC
2270961	P206379	STMC
2270962	P208393	STMC
22766	M060247	WLKR
22767	M085090	WLKR
22769	M045193	WLKR
22770	M065044	WLKR
22771	M090595	WLKR
22774	M100016	WLKR
22775	M100572	WLKR
22786	M120135	WLKR
22789	M110012	WLKR
22808	M085008	WLKR
2280806	J000127	STMC
22809	M090544	WLKR
22823	M090535	WLKR
22828	M090544	WLKR
22829	M090535	WLKR
22833	M120365	WLKR
22834	M090544	WLKR
22835	M100464	WLKR
228355	M090544	HSTR
22836	M100582	WLKR
22837	P206388	WLKR
22838	P206389	WLKR
22843	M120197	WLKR
22844	M090146	WLKR
22845	P206386	WLKR
22846	P206387	WLKR
22847	P206390	WLKR
22848	P206391	WLKR
22851	M100463	WLKR
22856	P216228	WLKR
22863	P208389	WLKR
22864	P208395	WLKR
22866	M085172	WLKR
2288000	P207419	STMC
22882	P207320	WLKR
22885	P207321	WLKR
22888	M110189	WLKR
22891	P216202	WLKR
22892	P207299	WLKR
22894	P207300	WLKR
22896	M090781	WLKR
22897	M110189	WLKR
22899	M110189	WLKR
22902	P207302	WLKR
2290220	P206397	STMC
2290221	P207364	STMC
2290224	P206398	STMC
2290227	P206399	STMC
2290229	P206400	STMC
2290230	J009635	STMC
2290231	J009639	STMC
2290232	J009641	STMC
2290660	P207361	STMC
22907	M122300	WLKR
22909055	P206350	IRCR
	P206350	IR
2291361	M085008	MRTZ
22915	M100213	WLKR
22916	M100466	WLKR
22917	M120235	WLKR
22920	M100465	WLKR
22924	M100465	WLKR
22925	M100465	WLKR
22936	M090544	WLKR
22937	M100695	WLKR
22938	M100807	WLKR
22940	M090074	WLKR
22941	M090781	WLKR
22943	M120100	WLKR
22963	M100465	WLKR
22965	M090544	WLKR
2296531	P206344	TYLE
2296533	P206345	TYLE
2296557	J008681	TYLE
22966	M100695	WLKR
2296712	P206543	TYLE
2297136	M080018	FMC
2297365	M120225	MRTZ
2297959	P206407	FMC
2298016	J009631	STMC
2298024	J009636	STMC
2298026	J009644	STMC
2298036	J009637	STMC
2298037	P207354	STMC
2298038	J009645	STMC
22984056	M090538	KOEH
22991	M111029	WLKR
22H0492	M080024	LKBT
	M080024	FMC
22H0644	P207332	LKBT
2300010069	M120108	UPTI
230010002	M090544	VLVO
	M090544	WGMC
230010003	M100464	WGMC
230010004	M090535	VLVO
230010005	M090544	VLVO
	M090544	WGMC
230010008	M100463	WGMC
230010009	M100464	VLVO
230010010	M100464	WGMC
	M100464	VLVO
	M100464	UPTI
230010011	M100463	VLVO
230010021	M120365	WGMC
	M120365	WSTI
	M120365	VLVO
230010027	M120100	WGMC
	M120100	VLVO
230010047	M100463	WGMC
	M100463	VLVO
230010051	M120197	WGMC
230010052	M100464	WGMC
230010054	M120365	VLVO
	M120365	WGMC
230010056	M100465	VLVO
230010064	M100465	VLVO
230010066	M100043	VLVO
230010069	M120108	VLVO
	M120108	UPTI
230010070	M100465	VLVO
230010072	M120100	WGMC
230010073	M090544	VLVO
230010077	M120365	VLVO
230010078	M100582	VLVO
230010081	M100580	VLVO
230010084	M100582	MACK
	M100582	VLVO
230013215	M100582	VLVO
230013221	M120100	VLVO
230013409	M100463	VLVO
230013410	M100465	VLVO
230013411	M100465	VLVO
230013417	M100463	VLVO
230013420	M100465	VLVO
	M100465	WSTI
230013428	M085171	WSTI
230013441	M100582	WSTI
230013455	M100463	WSTI
230013463	M100944	WSTI
230013474	M101182	FRTL
	M101182	WSTI
230013807	M100465	VLVO
230013815	M100464	VLVO
230024	P208328	HDMI
230024A	P208328	HDMI
230036	P206376	HDMI
230036A	P206376	HDMI
230048	P206376	HDMI
230048A	P206376	HDMI
2306635	M085172	GM
230848	M060232	DRDT
2310254	P206547	STMC
23162	M100049	HAVA
2320002	P206300	STMC
23207269	M170101	IR
2320939	P205979	STMC
2320940	P205976	STMC
2320941	P206299	STMC
2321070	M065065	CLRK
	M065065	TREX
2323080	M085407	MRBR
23275	P206409	TMPO
23374	M090210	TMPO
2339654	M065034	FMC
23400	P206299	HDMI
23419686	M065065	DD
23423601	M080024	PETB
23426	P206546	HAVA
2345	P206280	XAIR
2345PE	P207351	XAIR
234A1014	J000127	AP
234A1016	J000127	AP
	J000127	TRUX
234A1414	J000127	AP
234C1016	J000127	AP
	J000127	DFLX
23500	P206299	HDMI
235024	P208336	HDMI
235024A	P208336	HDMI
235040011	X004482	VLVO
235043430	X009076	WSTI
	X009076	FRTL
235043814	X007785	WSTI
	X007785	VLVO
235043815	X007784	VLVO
235048	P206377	HDMI
235048A	P206377	HDMI
23507610	P210110	ALSN
	P210110	DD
23507611	X006202	ALSN
	X006202	DD
23507616	P206403	ALSN
	P206403	DD
23507629	P213191	DD
	P213191	ALSN
2351588	M065030	CLRK
	M065030	CLJL
	M065030	VME
23519686	M065065	ALSN
	M065065	DD
235200015	X007784	UPTI
23545	P206281	XAIR
23570001	M085056	RYGO
23570002	M070008	RYGO
23570014	M090280	RYGO
23570016	M060055	RYGO
23570018	M090170	RYGO
23570031	M090301	RYGO
23570049	M065044	CMI
2362507	M002120	CAT
23641	P270538	CRMY
23642	P270539	CRMY
2370035	M170101	RYGO
237010001	M090091	VLVO
237010002	M080024	VLVO
237013407	M090091	WSTI
237013601	M090091	VLVO
237779A1	P206369	CASE
2380904	P207314	STMC
2380906	P224628	STMC
2380908	P207299	STMC
2380909	J340023	STMC
2380910	P207317	STMC
2380911	P207300	STMC
2380912	J240024	STMC
238744001	M100048	VMER
2387440011	M100048	VMER
2388025	P206410	TYLR
238884	P207324	KSHA
2390713	J000227	WLKR
	J000227	STMC
2390714	J000228	WLKR
	P206601	STMC
2390715	J000230	STMC
2390716	J000232	STMC
2390728	J000233	STMC
	J000233	WLKR
2390850	P206525	TYLE
2391621	P207282	TYLE
2392079	P206382	TYLE
2393084	M065065	CAT
2393341	P206508	TYLE
2398713	J000227	WLKR
	J000227	STMC
2398714	J000228	STMC
	J000228	WLKR
2398715	J000230	WLKR
	J000230	STMC
2398716	J000232	WLKR
	J000232	STMC
23991	M060005	KOEH
2399991	M070068	VME
	M070068	CLRK
240001	P206544	AP
240003	J240003	AP
240004	J240004	AP
240005	J240005	AP
240006	J240006	AP
240007	J240007	AP
240012	J240012	AP
240016	J240016	AP
240018	P207297	HDMI
240018CP	P208385	HDMI
24001965	P270541	CMI
240024	J240012	HDMI
	J240024	AP
	P206389	TESSI
240024A	J240012	HDMI
240048	P207295	HDMI
240048A	P206378	HDMI
240048CP	P206388	HDMI
240060	P207290	HDMI
240060CP	P206390	HDMI
240065	P208358	TESSI
240072	J640001	HDMI
240072A	J640001	HDMI
2400749	P207282	STMC
240083	P208350	TESSI
2400860	J009648	STMC
2400865	J009650	STMC
240103	J014621	TESSI
240114	P206309	TESSI
240118A	P224696	HDMI
240136CP	P224698	HDMI
240224	M100146	SLAR
2403029	M065034	TYLR
2403031	M085023	TYLR
2403032	M070008	TYLR
2403033	M085008	TYLR
2403034	M090544	TYLR
2403036	M090009	TYLR
2403037	M120100	TYLR
2403039	M090538	TYLR
2403044	M090210	TYLR
2403046	M090159	TYLR
2403049	M090535	TYLR
2403052	M090146	TYLR
2403054	M100464	TYLR
2403057	M070069	TYLR

Cross Reference

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Mfgs. No.	Our No.	Mfg. Code
2403076	M120365	TYLR
2403077	M120197	TYLR
2403144	M100465	TYLR
2403151	M090544	TYLR
2403184	M085207	TYLR
2403359	M085078	TYLR
2403518	M100572	TYLR
2403666	P206614	TYLE
2403714	P207419	TYLR
2403783	M065073	TYLR
2404031	M085023	TYLR
240806	M080024	SLAR
241260	X004484	SLAR
241415	X004482	SLAR
2419264	X007784	CAT
2419265	X007785	CAT
241970	P226144	SLAR
242029	X004480	SLAR
24205	P206301	TRUX
2421143	J014623	STMC
2421144	P207309	STMC
2421281	P206384	STMC
2421282	P207308	STMC
2421283	P206385	STMC
2421285	P216200	STMC
	P216200	WLKR
2421286	P208359	STMC
2421287	J034746	STMC
2421288	P208375	STMC
2421289	P216204	STMC
2421291	P207319	STMC
2421292	P206386	STMC
2421293	P207320	STMC
2421294	P206387	STMC
2421295	P207321	STMC
2421296	P208389	STMC
2421297	P207301	STMC
2421298	P208395	STMC
2421299	P207302	STMC
2421300	J640005	STMC
2421301	P216202	STMC
2421302	P224600	STMC
2421303	P216205	STMC
2421305	P224635	STMC
2421307	P224638	STMC
2421308	P209913	STMC
2421310	P209912	STMC
2421311	P209910	STMC
2421317	P224636	STMC
2421402	J024749	STMC
2421403	J024757	STMC
2421404	J024751	STMC
2421405	J024758	STMC
242367	M120225	SLAR
2423714	M085023	GM
2426018	P207559	STMC
24270004	M060037	SCRM
24270006	M100016	SCRM
2427177	M065065	GM
2427277	M085023	GM
2428242	M065065	GM
2430001	P207349	STMC
2430002	P207347	STMC
2430004	P207350	STMC
2430024	P216191	DFLX
2430024AZ	P216191	DFLX
2430036	P208324	DFLX
2430036AZ	P208324	DFLX
2430048	P207285	DFLX
2430048AZ	P207285	DFLX
2430048CP	P207314	DFLX
2430263	P207347	STMC
2430273	P207349	STMC
2430277	P207350	STMC
2430278	P207351	STMC
2430283	P207352	STMC
2430286	P207353	STMC
2430301	P207354	STMC
2430492	P207353	STMC
2430493	P207354	STMC
2430613	P216169	STMC
2430614	P207353	STMC
2430618	P207354	STMC
2430621	P216169	STMC
24344	P206309	TRUX
	P206309	AP
24345	P206310	TRUX
	P206310	AP
24346	J024748	TRUX
24347	P206312	TRUX
	P206312	AP
2435018	P207281	DFLX
2435018AZ	P207281	DFLX
2435024	J024735	DFLX
2435036	P208348	DFLX
2435036AZ	P208348	DFLX
2435048	P207286	DFLX
2435048AZ	P207286	DFLX
24400	P205976	HDMI
2440001	P207411	STMC
2440018	P207282	DFLX
2440024	J024737	DFLX
244002R91	M085008	NAVI
2440036	P208364	DFLX
2440036AZ	P208364	DFLX
2440048	P207287	DFLX
2440048AZ	P207287	DFLX
2440060	P207288	DFLX
2440060AZ	P207288	DFLX
2440060CP	P207299	DFLX
244007R91	M085023	NAVI
2440191	P206367	STMC
2440192	P206368	STMC
2440200	P206369	STMC
2440204	P206370	STMC
2440602	P207414	STMC
2440753	P207411	STMC
2440754	P206366	STMC
2440755	P206369	STMC
2440756	P206370	STMC
2440758	P207413	STMC
2440762	P206367	STMC
2440763	P206368	STMC
2444889	M065065	GM
244511	P206282	XAIR
2445PE	P207353	XAIR
2446593	M110028	CAT
244951001	X007824	VMER
2449510011	X007824	VMER
2450	P206300	HDMI
2450001	P206331	STMC
2450003	P206333	STMC
2450004	J000127	STMC
2450018	P207283	DFLX
2450018AZ	P207283	DFLX
2450024	J024739	DFLX
2450024AZ	J024739	DFLX
2450036	P208380	DFLX
2450036AZ	P208380	DFLX
2450048	P207292	DFLX
2450048AZ	P207292	DFLX
2450048CP	P207317	DFLX
2450060	P207289	DFLX
2450060AZ	P207289	DFLX
2450060CP	P207300	DFLX
2450724	P206333	STMC
2450726	P206334	STMC
2450727	P206334	STMC
2450728	P206335	STMC
2450729	P206336	STMC
	P206336	CRMY
2450730	P206336	STMC
2450732	P206337	STMC
2450736	P206337	STMC
2451261	P226140	STMC
2451282	P206338	STMC
2460048	P216197	DFLX
2460048AZ	P216197	DFLX
24609	P206547	HAVA
24658	P206547	TRUX
	P206547	AP
24672	P206305	AP
	J024747	TRUX
24675	P206552	TRUX
24676	P206553	TRUX
24677	P206554	TRUX
24678	P206555	TRUX
24696	P207559	AP
24697	P207419	GOE
	P207419	AP
24697Q	P207419	AP
24708	P208328	AP
24709	P208336	AP
24710	P207281	AP
24711	P207282	TRUX
	P207282	AP
24712	P207283	TRUX
	P207283	AP
24713	P207297	GOE
	P207297	AP
	P207297	TRUX
24714	P207298	TRUX
	P207298	AP
24715	P207308	AP
24716	P207309	AP
24717	P208386	AP
	P208386	TRUX
24718	P208392	TRUX
	P208392	AP
24719	P208330	AP
24720	P208338	AP
24721	P206384	AP
24722	P206385	AP
24731	P216191	TRUX
24735	J024735	TRUX
	J024735	AP
24737	J024737	TRUX
	J024737	AP
24739	J024739	TRUX
	J024739	AP
24745	P224633	TRUX
24746	J024746	AP
	J024746	TRUX
24747	J024747	TRUX
	J024747	AP
24748	J024748	AP
	J024748	TRUX
24749	J024749	AP
24750	J024750	AP
	J024750	TRUX
2475010	P224412	CAT
2475011	M002134	CAT
24751	J024751	AP
24754	J024754	TRUX
	J024754	AP
24755	J024755	AP
	J024755	TRUX
24757	J024757	AP
24758	J024758	AP
248280	M090301	SLAR
2482970	M090544	GM
2482972	M100048	GM
248337	J009649	ALSY
	J009649	FRAM
24835	J024835	TRUX
	J024835	AP
24836	J024836	AP
	J024836	TRUX
24837	J024837	AP
	J024837	TRUX
2483764	M100048	GM
24838	J024838	AP
	J024838	TRUX
24850	J024850	AP
	J024850	TRUX
2485787	M085023	GM
2488074	M065065	GM
2488076	M085023	GM
248888	M085056	FMCO
24908	M080018	WILM
	M080018	AGEM
24921330	M085023	GRDL
	M085023	WRNR
24938	P224633	TRUX
24939	P208338	TRUX
24941	P216191	TRUX
24MP50036CP	P216227	DFLX
24MP50048CP	P216228	DFLX
24P30024	P208328	DFLX
24P30024AZ	P208328	DFLX
24P30036	P206376	DFLX
24P30036AZ	P206376	DFLX
24P30048	P206376	DFLX
24P30048AZ	P206376	DFLX
24P35024	P208326	DFLX
24P35024AZ	P208336	DFLX
24P35036	P208324	DFLX
24P35048	P206377	DFLX
24P35048AZ	P206377	DFLX
24P40018CP	P208385	DFLX
24P40024	J240012	DFLX
24P40048	P206378	DFLX
24P40048CP	P206388	DFLX
24P40060CP	P206390	DFLX
24P40072	J640001	DFLX
24P40096CP	P206391	DFLX
24P50048	P206379	DFLX
24P50048AZ	P206379	DFLX
24P50048CP	P206389	DFLX
24P50060	P208393	DFLX
24P50060AZ	P208393	DFLX
2500001	J009611	STMC
2500002	P210110	STMC
2500003	P270534	SYNER
	P270534	DMT
2500005	J009612	STMC
2500006	J009611	STMC
2500007	P270538	SYNER
	P270538	DMT
2500012	P270543	SYNER
	P270543	DMT
2500016	J009613	STMC
2500017	P222018	WLKR
2500018	P222745	STMC
2500020	J009618	STMC
2500021	J009612	WLKR
2500022	P222018	WLKR
	P222018	STMC
2500023	P222018	WLKR
250004198	P206405	VANAIR
250007741	M080024	SLAR
250009843	X004539	SLAR
250010865	M120131	SLAR
250024779	M100016	SLAR
250024780	P270543	SLAR
250024CP	P224589	HDMI
250030884	M100146	SLAR
2500355	P206405	DMT
	P206405	SYNER
2500357	P206407	DMT
	P206407	SYNER
2500361	P206411	DMT
	P206411	SYNER
2500362	P207667	DMT
	P207667	SYNER
250048	P206379	HDMI
250048A	P206379	HDMI
250048CP	P206389	HDMI
250060	P208393	HDMI
250060A	P208393	HDMI
250060CP	P206391	HDMI
2500638	P206604	STMC
2500639	J009613	STMC
2500640	P206606	STMC
2500900	P206604	STMC
2500901	P206605	STMC
2500930	J009612	STMC
2500931	P206607	STMC
2500970	P213191	STMC
2501017	P210110	STMC
2501102	P270543	SYNER
2501153	P206341	SYNER
	P206341	DMT
2501164	P206340	DMT
	P206340	SYNER
250118CP	P224703	HDMI
250136CP	P216227	HDMI
250148CP	P216228	HDMI
250160CP	J540008	HDMI
2501710	M090538	CLRK
250172CP	P224609	HDMI
2501775	P206301	DIND
2501787	P207397	DIND
2501803	M090170	VLVO
	M090170	CLRK
2503736	M060480	DIND
2503737	P206306	DIND
2503776	M060158	DIND
2503777	M002117	DIND
25048810	M090074	MACK
2505781	X004484	PNJK
25069983	M100043	MACK
2508001	J009614	STMC
25084209	M085171	MACK
25092	M001327	CRMY
2509461	M100146	JJI
	M100146	PNJK
2510883	M090210	CLRK
	M090159	ECLD
2511251	M085090	PNJK
25114233	X004480	BNTA
251210	M090072	CUMS
251211	M090074	CUMS
2512224	M170101	VLVO
2513322	X004484	ECLD
251601	X004539	MOXY
25175546	J190059	AMC
	J190059	XMN
251765	P206607	MOXY
251766	P206607	MOXY
2519859	M120189	CLRK
	M120189	TREX
2520560	M070068	VME

Cross Reference

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Mfgs. No.	Our No.	Mfg. Code
	M070068	ECLD
2520844	P206388	STMC
2520845	P206390	STMC
2520847	P206389	STMC
2520848	P206391	STMC
252293	M065034	FRAM
	M065034	ALSY
252317	P206410	EMSN
2527050	M120108	VLVO
2528407	M090159	ECLD
	M090159	VLVO
2530012	P206302	DFLX
2530012AZ	P206302	DFLX
2530036	P208326	DFLX
2530036AZ	P208326	DFLX
2530048	P207293	DFLX
2530048AZ	P207293	DFLX
2530048CP	P207318	DFLX
2530189	P207295	STMC
2530193	P208350	WLKR
	P208350	STMC
2530198	P208366	STMC
2530226	P226140	XAIR
2530468	P207296	STMC
2530894	P207290	STMC
2530976	J024746	STMC
2530977	J024747	STMC
2531093	P208350	STMC
2531311	M120189	VLVO
253191	P270536	KOHL
253237	M085090	KOHL
253265	M085056	KOHL
2534018	P207297	STMC
	P207297	WLKR
2535012	P206303	DFLX
2535036	P208350	DFLX
2535036AZ	P208350	DFLX
2535036CP	P216200	DFLX
2535048CP	P207319	DFLX
2535072	P224709	STMC
253526	P226154	XAIR
25358571	M060037	IR
2536036	P216206	WLKR
	P216206	STMC
253614	M100146	KOHL
253990	P270539	KOHL
2540012	P206304	DFLX
2540012CP	J014623	DFLX
2540018	P207297	DFLX
2540018AZ	P207282	DFLX
2540018CP	P207308	DFLX
2540024	J024746	DFLX
2540024CP	J024757	DFLX
2540036	P208366	DFLX
2540036AZ	P208366	DFLX
2540036CP	J034746	DFLX
2540048	P207295	DFLX
2540048AZ	P207295	DFLX
2540048CP	P207320	DFLX
2540060	P207290	DFLX
2540060AZ	P207290	DFLX
2540060CP	P207301	DFLX
2540072CP	P216202	DFLX
254026	P226155	XAIR
25404	P206617	HDMI
2545814	P206283	XAIR
25458PE	P207354	XAIR
254621001	J000206	VMER
25497948	M100213	MACK
2550001	P207394	STMC
2550002	P206321	STMC
2550003	P207402	STMC
2550005	J008942	STMC
2550018AZ	P207298	DFLX
2550018CP	P207309	DFLX
2550024	J024747	DFLX
2550024CP	J024758	DFLX
2550048	P207296	DFLX
2550048AZ	P207296	DFLX
2550048CP	P207321	DFLX
2550060CP	P207302	DFLX
2550072CP	P216205	DFLX
2550096CP	P209910	DFLX
2550145	P207389	STMC
2550152	P206324	STMC
2550157	P206325	STMC
2550162	P206327	STMC
2550168	P206328	STMC
255026	P226157	XAIR
2550898	P207386	STMC
2550902	P207402	STMC
2550903	P206324	STMC
2550929	M120100	CHLR
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25530140	M085078	DMAG
	M085078	MH
	M085078	KTSU
25530240	P206309	KTSU
25530340	P206407	KTSU
2554030	P206326	STMC
25558740	M085056	MH
	M085056	DMAG
	M085056	KTSU
255651	P207408	FRAM
	P207408	ALSY
2558162	P206322	STMC
2558168	P206323	STMC
255LL21	P206328	SPRT
2560002	P206361	STMC
2560024AZ	P207559	DFLX
2560036	P216206	DFLX
2560036AZ	P216206	DFLX
256017C91	M100052	NAVI
2560635	P206362	STMC
2560636	P206363	STMC
2560637	P206364	STMC
2560752	P206365	STMC
2570199	P206617	STMC
2580994	P206641	STMC
2581172	P206334	STMC
2585714C1	J000216	NAVI
2585715C1	J000217	NAVI
2585716C1	J009605	NAVI
2585717C1	J009606	NAVI
2585718C1	J009607	NAVI
2585719C1	J009623	NAVI
2585720C1	J009624	NAVI
2585721C1	J190061	NAVI
2585723C1	M090534	NAVI
2585724C1	M090535	NAVI
2585725C1	M090544	NAVI
2585726C1	M090680	NAVI
2585727C1	M100465	NAVI
2585728C1	M100695	NAVI
2585729C1	M110189	NAVI
2585735C1	P206410	NAVI
2585736C1	P206411	NAVI
2585737C1	P226158	NAVI
2585746C1	X006202	NAVI
2585747C1	X006203	NAVI
2585748C1	X007805	NAVI
25971800	P270534	JCB
25EST	J000211	ACFT
25H0218	M120154	LBX
25P20012	P206306	DFLX
25P25012	P206308	DFLX
25P30012	P206309	DFLX
25P30012AZ	P206309	DFLX
25P30024	P208330	DFLX
25P30024AZ	P208330	DFLX
25P30048	P206380	DFLX
25P30048AZ	P206380	DFLX
25P30048CP	P207312	DFLX
25P35012	P206310	DFLX
25P35012AZ	P206310	DFLX
25P35024	P208338	DFLX
25P35024AZ	P208338	DFLX
25P35048	P206381	DFLX
25P35048AZ	P206381	DFLX
25P40012	P206311	DFLX
25P40018	P208386	DFLX
25P40018AZ	P208386	DFLX
25P40018CP	P206384	DFLX
25P40024	J024748	DFLX
25P40024CP	J024749	DFLX
25P40036	P208358	DFLX
25P40036AZ	P208358	DFLX
25P40036CP	P208359	DFLX
25P40048	P206382	DFLX
25P40048AZ	P206382	DFLX
25P40048CP	P206386	DFLX
25P40060	P208388	DFLX
25P40060AZ	P208388	DFLX
25P40060CP	P208389	DFLX
25P40096CP	P209913	DFLX
25P50018	P208392	DFLX
25P50018AZ	P208392	DFLX
25P50018CP	P206385	DFLX
25P50024	J024750	DFLX
25P50024CP	J024751	DFLX
25P50036	P208374	DFLX
25P50036AZ	P208374	DFLX
25P50036CP	P208375	DFLX
25P50048	P206383	DFLX
25P50048AZ	P206383	DFLX
25P50048CP	P206387	DFLX
25P50060	P208394	DFLX
25P50060AZ	P208394	DFLX
25P50060CP	P208395	DFLX
25P50072	P224600	DFLX
25P50096CP	P209912	DFLX
25P60024AZ	P207419	DFLX
25PLS	J190058	ACFT
25T1520	M080018	PH
260024	P206336	TESSI
26020222	P206411	TDYN
	P206411	GEDY
26020231	P206555	GEDY
	P206555	TDYN
26020232	X007785	TDYN
	X007785	GEDY
260382	P206279	VANAIR
260424V11	M045237	FMCO
	M045237	VSTL
2609013	P206601	VMER
261315	P270539	SLAR
	P270539	VANAIR
2614907B	M045237	BORG
2615509	M001867	CAT
2621058	M060038	STMC
2621059	M060037	STMC
2621060	M065030	STMC
2621061	M070068	STMC
	M070068	STGR
2621062	M070069	STMC
	M070069	STGR
2621063	M080024	STGR
	M080024	STMC
2621064	M090091	STGR
	M090091	STMC
2621065	M100016	STMC
262190	P208366	VANAIR
2622015	M060038	STMC
2622020	M060037	STMC
2622025	M065030	STMC
2622030	M070068	STMC
2622035	M070069	STMC
2622040	M080024	STMC
2622050	M090091	STMC
2622060	M100016	STMC
2623030	M070068	STMC
26355A	P207568	HDMI
263574	M065030	FMCO
	M065030	NH
264387001	M045193	VMER
265445	M060037	NH
	M060037	FMCO
266223	M080024	NH
26623	M080024	FMCO
	M080024	VSTL
26624	M090091	FMCO
	M090091	VSTL
2672155	M065065	FMC
2672157	M085008	FMC
2672158	M085023	PRLP
	M085023	FMC
2672159	M100048	FMC
2672160	M090544	PRLP
	M090544	FMC
2679303	M090074	FMC
	M090074	PRLP
2680001	X004536	STMC
2680002	X004537	WLKR
	X004537	STMC
2680003	X004476	WLKR
	X004476	STMC
2680004	X004538	WLKR
	X004538	STMC
2680005	X004478	STMC
2680006	X004480	WLKR
	X004480	STMC
2680007	X004482	WLKR
	X004482	STMC
2680008	X004484	WLKR
	X004484	STMC
2680009	X004539	WLKR
	X004539	STMC
2681135	X006204	WLKR
2681140	X006203	STMC
2681150	X006202	WLKR
	X006202	STMC
2681430	J009604	STMC
2681435	J009605	STMC
2681440	J009606	STMC
2681445	J190054	STMC
	J190054	WLKR
2681450	J009607	STMC
2681460	J190055	WLKR
	J190055	STMC
2681520	J190056	STMC
	J190056	WLKR
2681522	J190057	STMC
	J190057	WLKR
2681525	J190058	WLKR
	J190058	STMC
2681527	J190059	WLKR
	J190059	STMC
2681530	J190060	STMC
2681535	J190061	STMC
2681540	J009623	STMC
	J009623	WSTI
2681545	J190062	STMC
2681550	J009624	STMC
2681560	J190063	STMC
2681830	X007833	STMC
2681835	X007834	STMC
2681840	X007824	STMC
2681850	X007805	STMC
2681925	X007829	STMC
2681927	X004538	STMC
2681930	X007830	STMC
2681935	X007831	STMC
2681940	X007784	STMC
2681950	X007785	STMC
2681960	X009076	STMC
2682425	X004476	STMC
2682430	X004478	STMC
2682435	X004480	STMC
2682450	X004484	STMC
2682460	X004539	STMC
2682840	P222748	STMC
	X007784	CRMY
2682845	P222749	STMC
2682850	P222750	STMC
2682940	X004482	STMC
2682950	P222759	STMC
2682960	X004539	STMC
2683331000	M170101	PRLP
26834	P207282	CRMY
2683520	J000210	STMC
2683522	J000212	STMC
2683525	J000211	STMC
2683527	J000213	WLKR
2683530	J000214	WLKR
	X004478	STMC
2683535	J000215	STMC
2683540	J000216	STMC
2683545	J000219	STMC
2683550	J000217	STMC
2683560	J000218	STMC
2683630	J000214	WLKR
	J000214	STMC
2683635	J000215	STMC
	J000215	WLKR
2683640	J000216	WLKR
	J000216	STMC
2683650	J000217	WLKR
	J000217	STMC
2683660	J000218	WLKR
	J000218	STMC
2684040	J000202	WLKR
	J000202	STMC
2684050	J000203	WLKR
	J000203	STMC
268590960	X007824	SAME
2686840	P222748	STMC
2690018	M120365	PRLP
2690019	M170101	PRLP
2690035	P206394	STMC
2690040	P206395	STMC
2690044	P206396	STMC
2690046000	M080018	PRLP
269505067	P206338	VMER
26950940	P206350	DMAG
	P206350	MH
	P206350	KTSU
26951040	P207419	KTSU
	P207419	MH
	P207419	DMAG
26951140	P207596	KTSU
	P207596	MH
	P207596	DMAG

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code
2695850	X007805	STMC
26S12	X004480	BABR
2700608	P270534	DIND
2700747	P270532	FEDR
	P270532	DIA
	P270532	DIND
2703272	J008681	DIND
27039	H001034	CRMY
2704	M085023	GOE
	M085023	APE
	M085023	TRUX
	M085023	AP
2704Q	M085023	AP
2705036	P216227	STMC
2705048	P216228	STMC
2705060	J540008	STMC
27055	P207368	XAIR
27065940	P206411	MH
	P206411	DMAG
	P206411	KTSU
27076530	M090538	VLVO
27076531	M100464	VLVO
27076535	M120197	WGMC
27076541	M120100	WGMC
27076542	M120365	VLVO
27076544	M090072	WGMC
27076560	X004480	VLVO
27076626	X004476	WSTI
	X004476	VLVO
27076627	X004478	VLVO
270825	X004476	HSTR
	X004476	NACO
270826	X004478	HSTR
270827	X004480	NACO
	X004480	HSTR
27138775	M100146	VLVO
27138776	M090091	VLVO
27150Z	P270530	DFLX
2715120	P224707	STMC
27175Z	P270531	DFLX
2720002	J009560	STMC
2720068	J009560	WLKR
27200Z	P270532	DFLX
2720500	J009637	STMC
	J009637	WLKR
2722400	J009640	WLKR
27225Z	P270533	DFLX
27250Z	P270534	DFLX
27275Z	P270535	DFLX
2730046	P206333	STMC
27300CP	P271507	DFLX
27300Z	P270536	DFLX
2730322	J009479	STMC
2730324	P207353	STMC
27350CP	P271508	DFLX
27350Z	P270538	DFLX
2740020	J028528	STMC
2740070	P207332	STMC
27400CP	P270837	DFLX
27400Z	P270539	DFLX
2740121	J018110	STMC
2740126	P224710	STMC
2740127	P224641	STMC
2740128	P224711	STMC
2740148	J038612	STMC
2740150	J038611	STMC
2740165	P206283	STMC
2740172	P207365	STMC
2740183	J009633	STMC
2740201	P224581	STMC
27404	P206616	HDMI
2744636	M002122	CAT
27450Z	P270540	DFLX
2745180	H001032	CLRK
2745578M1	M070069	MF
274578M1	M070069	MF
	M070069	AGCO
274650	P270543	KOHL
27500CP	P270838	DFLX
27500Z	P270541	DFLX
27550Z	P270542	DFLX
27600CP	P271511	DFLX
27600Z	P270543	DFLX
276254	P270532	KOHL
277177C91	M090534	NAVI
277494001	J009636	VMER
27824	H001039	URIG
2797478	M065073	CLRK
27EST	J000213	ACFT
27PLS	J190059	ACFT
27Q160	M120365	CTRY
27Q206	M100464	PH
27Q224	M100146	PH
	M100146	CTRY
	M100146	TREX
27Q241	M090091	TREX
	M090091	PH
27Q288D1	M120235	PH
	M120235	CTRY
27Q334	M100048	CTRY
	M100048	TREX
	M100048	PH
27Q389	M120225	PH
	M120225	CTRY
	M120225	TREX
27Q429	M120131	CTRY
	M120131	PH
27Q564	M190002	PH
27Q582D2	X004482	PH
27Q582D3	X004484	CTRY
	X004484	PH
27Q582D4	X004539	PH
27Q590	M090535	PH
27Q598	M090301	PH
27Q600	M100146	CTRY
	M100146	PH
27Q639	M090072	PH
	M090072	CTRY
27Q686	M085090	PH
27Q690	M140048	PH
27Q695	M100213	PH
27Q713	M090535	PH
27Q761D1	P206311	PH
27Q7621D1	M090544	PH
27Q762D1	M090544	PH
27Q82	M090210	TREX
	M090210	PH
	M090210	CTRY
27T1520	M080018	CTRY
	M080018	PH
27U126	M100463	PH
27U215	M090535	PH
27Z1	M070008	TREX
	M070008	PH
27Z1115	M100048	PH
	M100048	CTRY
27Z1138	M090544	PH
27Z17	M090009	KOEH
	M090009	PH
27Z260	M085008	PH
27Z285	M090544	PH
27Z338	M120100	PH
27Z354	M120225	PH
27Z378	M085023	PH
27Z393	M120100	PH
	M120100	CTRY
27Z438	M085056	PH
	M085056	CTRY
27Z459013	M090072	PH
27Z53206	M080024	PH
27Z641	M065065	PH
27Z651	M120154	TREX
	M120154	PH
	M120154	CTRY
27Z738D2	X004478	CTRY
	X004478	TREX
27Z738D4	X004482	CTRY
	X004482	PH
27Z738D5	X004484	CTRY
	X004484	PH
27Z739	M090170	PH
27Z799	M085078	CTRY
	M085023	PH
27Z948D1	M120365	PH
280082	P205976	TESSI
2804158	P206408	VLVO
28136620	X006203	AJMC
28136720	X006202	AJMC
28137220	X004478	AJMC
28137420	X004482	AJMC
28137520	X004484	AJMC
2831025	M090544	CHLR
283249A1	M001756	CASE
283389001	M100048	VMER
283393001	P206322	VMER
283395001	P206369	VMER
283396001	J008681	VMER
283397001	J009644	VMER
283398001	P207330	VMER
283463001	P206546	VMER
283466001	P206364	VMER
283474001	P206346	VMER
28350A	P206313	HDMI
28353	P206314	HDMI
28353A	P206314	HDMI
28375A	P207386	HDMI
284106	P226151	GTMN
28430	P206315	HDMI
28430A	P206315	HDMI
28435	P206316	HDMI
28435A	P206316	HDMI
284428001	M090781	VMER
284431001	J009518	VMER
28528	J028528	AP
	J028528	TRUX
28540	P206317	HDMI
28540A	P206317	HDMI
28650	P206318	HDMI
28650A	P206318	HDMI
28656	X004482	AGEM
	X004482	WILM
28658	P207297	AGEM
	P207297	WILM
287816001	P207351	VMER
287895001	P207353	VMER
	P207353	CMWK
287945001	P270532	VMER
287951001	P270541	VMER
288113	X004536	NACO
	X004536	HSTR
2892492	X009076	CAT
28961	X004484	EIMC
28A1475	M100463	FMC
	M100463	LKBT
28H0448	M070069	FMC
28H0696	M120365	LKBT
28H1012	M120225	LKBT
	M120225	FMC
28H448	M070069	FMC
28R15	M100464	BABR
290109040	X004482	PCFE
290109050	X004484	PCFE
29035	X005207	WLKR
29038	P206543	WLKR
29041	P206543	WLKR
29042	P206540	WLKR
29043	J009429	WLKR
29044	J009429	WLKR
29045	P206543	WLKR
29051	J009429	WLKR
29053	J009429	WLKR
29059	J009429	WLKR
2907822	M100048	CHLR
	M100048	CLRK
2909336	M090544	CHLR
29101	P206384	WLKR
29102	P206385	WLKR
29105	P216169	WLKR
29107	P206375	WLKR
29108	J190004	WLKR
29109	P207345	WLKR
29110	P206641	WLKR
29111	P207308	WLKR
29112	P207309	WLKR
29113	P206285	WLKR
29118845	M060158	MRBR
29121	J190019	WLKR
29129	P207346	WLKR
29200	P206286	WLKR
29201	J024749	WLKR
29202	J024751	WLKR
29206	J024757	WLKR
29207	J024758	WLKR
29208	P224692	WLKR
29210	J009547	WLKR
29211	P206353	WLKR
29212	J009547	WLKR
29213	J240024	WLKR
29220	P206286	WLKR
29228324	M002121	MRBR
29228349	M101169	MRBR
292289001	P270530	VMER
29300	P224698	WLKR
29301	P216227	WLKR
29304	P216200	WLKR
29305	J034746	WLKR
29306	P216204	WLKR
29307	P208359	WLKR
29308	P208375	WLKR
293120081	M001327	CETCO
29321335	J000216	MRBR
29323029	M060037	MRBR
29323030	M065030	MRBR
29323031	M065030	MRBR
29323033	M070068	MRBR
29323036	M070069	MRBR
29323039	M080024	MRBR
29323041	M090091	MRBR
29323048	M100016	MRBR
29323061	M090594	MRBR
29323062	M120365	MRBR
29323072	M085090	MRBR
29323078	M090072	MRBR
29323080	M085407	MRBR
29323081	M085208	MRBR
29323084	M065044	MRBR
29323089	M090009	MRBR
29323090	M190002	MRBR
29323094	M065074	MRBR
29323095	M122300	MRBR
29323304	P270530	MRBR
29323305	P270531	MRBR
29323306	P270532	MRBR
29323307	P270533	MRBR
29323308	P270534	MRBR
29323310	P270536	MRBR
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29323467	J000228	MRBR
29323469	J000230	MRBR
29323663	P206322	MRBR
29323665	J009648	MRBR
29323666	J190046	MRBR
29323731	P270534	MRBR
29323757	P206324	MRBR
29323761	P206325	MRBR
29323762	P206326	MRBR
29323765	P207394	MRBR
29323782	J024758	MRBR
29323797	P208324	MRBR
29323799	J024737	MRBR
29323803	P206280	MRBR
29323804	P207352	MRBR
29323809	J009640	MRBR
29323810	P207353	MRBR
29323812	P206283	MRBR
29323851	P207362	MRBR
29323852	P207363	MRBR
29323853	P207364	MRBR
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29323864	P207324	MRBR
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29323867	P207326	MRBR
29323869	P207327	MRBR
29323870	P206346	MRBR
29323872	P206348	MRBR
29323876	P216175	MRBR
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29323878	P207341	MRBR
29323881	P207333	MRBR
29323890	P206339	MRBR
29323892	P206342	MRBR
29323893	P206342	MRBR
29323894	P206344	MRBR
29323896	J008681	MRBR
29323897	P207339	MRBR
29323899	P206347	MRBR
29323901	P206309	MRBR
29323917	P206302	MRBR
29323930	J009644	MRBR
29323932	P207335	MRBR
29323934	P206397	MRBR
29323948	P207349	MRBR
29323956	P206367	MRBR
29323961	P206370	MRBR
29323980	J190045	MRBR
29328890	P206339	MRBR
29350A	P206324	HDMI
29353	P206325	HDMI
29353A	P206325	HDMI
29375A	P207386	HDMI
29400	P206388	WLKR
29401	P206389	WLKR
29402	P206386	WLKR
29403	P206387	WLKR

Mfgs. No.	Our No.	Mfg. Code
29405	P216228	WLKR
29408	P207320	WLKR
29409	P207321	WLKR
29410	P207314	WLKR
29415	P207317	WLKR
29430	P206326	HDMI
29430A	P206326	HDMI
29435	P206327	HDMI
29435A	P206327	HDMI
29500	P206390	WLKR
29501	P206391	WLKR
29502	P208389	WLKR
29503	P208395	WLKR
29506	P207299	WLKR
29507	P207300	WLKR
29508	P207301	WLKR
29509	P207302	WLKR
29510	P209912	WLKR
29511	J540008	WLKR
29512	P224641	WLKR
29540	P206328	HDMI
29540A	P206328	HDMI
2955550	M085008	CHLR
29600	P216202	WLKR
29603	P216205	WLKR
29604	P224600	WLKR
29605	J640005	WLKR
2962280907	M091048	VMER
296274651	M091050	VMER
296277847	M091046	VMER
296277910	X007834	VMER
296280907	M091048	VMER
296318775	P207361	VMER
29650	P207394	HDMI
296505065	J000232	VMER
296505066	P206607	VMER
296505067	P206338	VMER
29650A	P207394	HDMI
29701	P224638	WLKR
29702	P224635	WLKR
2974081	M085008	CHLR
2975915	M085023	CHLR
2976411M91	H001033	HNMG
2977819M91	H001032	HNMG
2980009147	P206407	CMI
29801	P209910	WLKR
2980508392	M085008	RXRD
2980518292	P206374	CMI
2980518392	M090538	REX
	M090538	CMI
2980518592	M100464	RXRD
2980518692	M085023	RXRD
2980519892	M060232	RXRD
	M060232	MIIN
2980522392	P207330	CMI
2980526297	P206612	MIIN
2980527892	P270541	CMI
2980528892	P206280	MIIN
2980532692	J009606	CMI
2980533392	P206603	CMI
2980535392	J190063	CMI
2980535892	P207332	CMI
2980535992	P207596	CMI
2980536192	P206318	CMI
298053692	P206318	CMI
29806	P209913	WLKR
29807	P209912	WLKR
298508392	M085008	REX
298510192	M080018	REX
	M080018	RXRD
298517292	M120100	REX
2987580M91	P270542	HNMG
29900	P224636	WLKR
2990392	M085056	CAT
2991610	J009640	STMC
2991735	J009632	STMC
299456A1	P206600	KBCO
	P206600	CASE
2994719M1	X004482	HNMG
29A430	P206321	HDMI
29A430A	P206321	HDMI
29A435	P206322	HDMI
29A435A	P206322	HDMI
29A540	P206323	HDMI
29A540A	P206323	HDMI
29A650A	P207402	HDMI
29H77	M100048	BABR
29L16	M065071	BABR
2MD236	M120108	MACK
2MD337AP3	M090280	MACK
2ME153	M080024	MACK
2ME229	M090009	MACK
2ME235	M170101	MACK
2ME236	M120108	MACK
2ME236P1	M100463	MACK
2ME236P2	M120365	MACK
2ME236P3	M120225	MACK
2ME247	M090091	MACK
2ME248	M100463	MACK
2ME251	M085171	MACK
2ME29301P1	M100465	MACK
2ME29301P12	M100464	MACK
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2ME29301P14	M100465	MACK
2ME29301P17	M100463	MACK
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2ME29301P21	M090072	MACK
2ME29301P22	M100465	MACK
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2ME29301P5	M100464	MACK
2ME29301P6	M090535	MACK
2ME29302	M120131	MACK
2ME3101	M085171	MACK
2ME3102	M090781	MACK
2ME3104	M100580	MACK
2ME3104P3	M100582	MACK
2ME3104P5	M100582	MACK
2ME3106A	M120566	MACK
2ME3112	M120713	MACK
2ME3118	M090823	MACK
2ME3118A	M090823	MACK
2ME3119	M100213	MACK
2ME3132M	M101181	MACK
2ME3136M	M090074	MACK
2ME3339	M090544	MACK
2ME335AP2	M090280	MACK
2ME336B	M085171	MACK
2ME336P2	M120365	MACK
2ME337AP2	M090158	MACK
2ME337AP3	M090534	MACK
2ME361P3	M120382	MACK
2ME361P5	M120382	MACK
2ME366	M090074	MACK
2ME371	M100464	MACK
2ME372	M090538	MACK
2ME373	M100464	MACK
2ME374	M090535	MACK
2ME374P1	M090535	MACK
2ME374P2	M090535	MACK
2ME375	M090544	MACK
2ME376	M100464	MACK
2ME377	M100043	MACK
2ME378	M100049	MACK
2ME384	M090091	MACK
2ME38482	M100016	MACK
2ME384P2	M100016	MACK
2ME384P3	M080024	MACK
2ME395	M085171	MACK
2ME395A	M085171	MACK
2ME399	M090544	MACK
2ME49301	M090544	MACK
2ME49301P11	M100465	MACK
2ME49301P2	M100465	MACK
2ME49301P3	M100463	MACK
2ME49301P4	M100465	MACK
2ME49301P5	M100463	MACK
2ME49301P6	M090535	MACK
2ME49301P7	M100465	MACK
2ME49601P7	M100465	MACK
2MEX328	M120100	MACK

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Mfgs. No.	Our No.	Mfg. Code
300004	J009516	TESSI
300104001	M120225	CAT
	M120225	KIMBLE
300104102	M090091	CAT
300136243	H001279	NH
	H001279	CASE
	H001279	FIAT
30015	M100048	HDMI
3003670	X007830	CAT
300479	X007824	DETZ
300639	X006203	BOSS
300639200	X004536	BOSS
300639250	X004476	BOSS
300639300	X004478	BOSS
300639350	X006204	BOSS
30077	M110077	HDMI
300914	P206282	BOSS
300914350	P206281	BOSS
300914400	P206282	BOSS
300915	P206340	BOSS
300915300	P206340	BOSS
300915350	P206342	BOSS
300915400	P206344	BOSS
300A1014	P206334	AP
300A1016	P206334	TRUX
	P206334	AP
300A1216	P206334	AP
300A1414	P206334	AP
300K1014	P206334	AP
	P206334	DFLX
3010305004	M122300	ASTEC
	M122300	AST
3010305074	P207324	ASTEC
	P207324	AST
3010605136	P206346	AST
	P206346	ASTEC
3010845017	M120108	ASTEC
	M120108	AST
3010845019	P207332	AST
	P207332	ASTEC
3012605022	P206282	AST
	P206282	ASTEC
3012605231	P206603	ASTEC
	P206603	AST
3012605258	P270541	AST
	P270541	ASTEC
3012605289	P207402	ASTEC
	P207402	AST
3012605321	P206603	AST
	P206603	ASTEC
3012605356	P206603	ASTEC
	P206603	AST
3012605614	P216175	AST
	P216175	ASTEC
3014051362	M170101	AST
	M170101	ASTEC
3014051363	P207366	AST
	P207366	ASTEC
3014051442	P207667	AST
	P207667	ASTEC
3014052031	P207341	AST
	P207341	ASTEC
3014052056	M090595	AST
	M090595	ASTEC
3014052240	P207354	ASTEC
	P207354	AST
3014052260	P206283	ASTEC
	P206283	AST
3014052313	P207324	AST
	P207324	ASTEC
3014052592	P207335	AST
	P207335	ASTEC
3016051005	M190002	ASTEC
	M190002	AST
3016377	M120365	CUMS
3018051102	M120418	ASTEC
	M120418	AST
3018051104	P207328	ASTEC
	P207328	AST
301999	M090362	BOSS
3024020	P226156	XAIR
302402018	P206554	XAIR
302423	P270539	BOSS
302423080	P270532	BOSS
302423100	P270534	BOSS
302423150	P270530	BOSS
302423175	P270531	BOSS
30245265	P207364	ASTEC
	P207364	AST
302465	J009648	BOSS
	P206326	BOSS
302478	J190042	BOSS
3025020	P226158	XAIR
302502018	P206555	XAIR
302543	P206378	BOSS
302698	P206345	BOSS
302984	P206302	BOSS
	P206303	BOSS
30300	P206367	HDMI
30300A	P206368	HDMI
303145	M080018	BOSS
303194744	M065030	WHITE
303257001	H001279	VMER
3032570011	H001279	VMER
303303	M002117	BOSS
303327728	P207282	AGCO
303454	P207339	TYLE
303455	P206375	TYLE
303456	P206547	TYLE
	P206547	CASE
303457	P207331	TYLE
303458	P206337	TYLE
303459	J000203	CASE
	J000203	TYLE
303460	J000202	TYLE
303461	P206322	TYLE
	P206322	CASE
303462	P206328	TYLE
303465	P206336	TYLE
303467	J024754	TYLE
	J024754	CASE
303469	J000201	TYLE
30350	P206368	HDMI
30350A	P206368	HDMI
303526	P206317	TYLE
303556	P207353	TYLE
303583	J000230	BOSS
303587	J000227	BOSS
303768	P206507	TYLE
303991400	P206399	BOSS
304050	M060251	BOSS
304052	P206306	BOSS
304066	M065140	BOSS
304067	M085409	BOSS
304068	P206308	BOSS
304069	P206309	BOSS
304070	M002118	BOSS
304071	M002119	BOSS
304254	P207283	TYLE
304605066	P206341	ASTEC
	P206341	AST
304605097	M085090	AST
	M085090	ASTEC
30495	M070008	KSHA
305367	P207326	BOSS
305605056	M085208	ASTEC
	M085208	AST
30600A	P207414	HDMI
3061656	M085023	ACMS
3061668	M085023	ACMS
306245027	M080018	AST
	M080018	ASTEC
306245029	P206340	AST
	P206340	ASTEC
306245030	P207351	ASTEC
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306245151	P270539	ASTEC
	P270539	AST
306245207	M100048	AST
	M100048	ASTEC
306245262	M100572	AST
	M100572	ASTEC
306245264	P206546	ASTEC
	P206546	AST
306245433	P206410	AST
	P206410	ASTEC
306605183	P206326	ASTEC
	P206326	AST
306942	P207363	CMWK
306945	P207364	CMWK
306945A	P206398	CMWK
307099	P216206	FOREM
3071352M91	H001034	HNMG
3073102M91	H001035	HNMG
307335	X007833	BOSS
307345	P206544	BOSS
307577	M060481	BOSS
307578	P206515	BOSS
307708	M085411	BOSS
30781	M090781	HDMI
30805333	M090009	TREX
30805L1106	M120365	ASTEC
	M120365	AST
30805L1107	P207365	ASTEC
	P207365	AST
30805L1280	P207339	ASTEC
	P207339	AST
30805L1368	P206411	AST
	P206411	ASTEC
308486	P206350	FOREM
3093978	P226152	CAT
309540	P206553	TYLE
309541	P206398	TYLE
309542	J190014	TYLE
	J190014	CASE
309543	P206342	TYLE
3095893	M101158	VLVO
3095900	M101182	VLVO

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
3095906	M101181	VLVO
309605013	P206281	ASTEC
	P206281	AST
309605014	P206409	ASTEC
	P206409	AST
309605333	P206323	ASTEC
	P206323	AST
309605337	P208380	ASTEC
	P208380	AST
309605366	P207330	AST
	P207330	ASTEC
30AA	J000200	ACFT
30EL45101A	P206280	ACFT
30EL45200A	P207351	ACFT
30EL90111A	P206340	ACFT
30EL90112A	P206341	ACFT
30EL90211A	P207326	ACFT
30EL90212A	J190013	ACFT
30EL90239A	P207362	ACFT
30EL90240A	P206397	ACFT
30EST	J000214	ACFT
30FBC	P206608	ACFT
30FBZ	P206600	ACFT
30GZ	P206407	ACFT
30HD	J000227	ACFT
30PLA	J009604	ACFT
30PLS	J190060	ACFT
30RCZ	P270536	ACFT
30STA120	P206334	ACFT
30TS112A	P206302	ACFT
30TS212A	P206309	ACFT
31001518	M120108	BLNT
	M120108	CAT
310017	P270838	TESSI
31002	M060232	HDMI
31002486	P216172	CAME
31004	M065065	HDMI
31005070	M120108	CAME
31015	M085023	HDMI
31018	M085008	HDMI
31019	M085080	HDMI
31020	M090544	HDMI
31021	M090074	HDMI
31022	M090544	HDMI
31023	M090535	HDMI
31024	M090072	HDMI
31025	M090146	HDMI
31026	M090158	HDMI
31028	M110028	HDMI
31031	M100048	HDMI
31032	M100049	HDMI
31034	M065034	HDMI
31035	M120365	HDMI
31036	M120100	HDMI
31037	M120108	HDMI
31038	M080018	HDMI
31043	M100043	HDMI
31045	M100695	HDMI
310484800	J000204	ATCO
31063	M100463	HDMI
310689	M001702	TYLE
310690	P270539	TYLE
31074	M045237	HDMI
31075	M045193	HDMI
31076	M065071	HDMI
31077	M060005	HDMI
31078	M085078	HDMI
31080	M060158	HDMI
31081	M065044	HDMI
31082	M060055	HDMI
31083	M090823	HDMI
31084	M070008	HDMI
31085	M070028	HDMI
31086	M070050	HDMI
31096	M085171	HDMI
31102	M085090	HDMI
31104	M085056	HDMI
311061	X004484	STGR
31107	M085080	HDMI
31109	M090362	HDMI
31112	M090009	HDMI
31119	M090544	HDMI
31123	M090280	HDMI
31125	M090159	HDMI
31126	M090170	HDMI
31127	M090538	HDMI
31129W	M090210	HDMI
31136	M090301	HDMI
31139	M100052	HDMI
3114112501	M090594	CMI
3114118101	P206340	CMI
3114118201	P206326	CMI
3114118401	P207330	CMI
3114118601	P270539	CMI
3114119201	P206540	CMI
3114119301	P206511	CMI
31142	M100146	HDMI
31143	M110143	HDMI
311432	X004478	CASE
31148	M100464	HDMI
31149	M100464	HDMI
31150	M100213	HDMI
31593170	M100049	WHITE
31163	M100807	HDMI
31164	M100466	HDMI
31165	M100465	HDMI
31166	M100466	HDMI
311685010	M070068	AGCO
	M070068	WHITE
31173	M120135	HDMI
31179	M120154	HDMI
31181	M120131	HDMI
311816010	H001279	DETZ
	H001279	AGCO
	H001279	WHITE
31183	M120135	HDMI
31189	M110189	HDMI
311890	P206543	TENT
311891	P206508	TENT
31191	M120235	HDMI
31197	M122300	HDMI
31199	M120225	HDMI
31200	M120131	HDMI
	P207411	DFLX
31202	M120382	HDMI
31204	M120197	HDMI
31209	M170101	HDMI
31211	M190002	HDMI
31211062	X004484	KOEH
	X004484	CAME
	X004484	BOMA
31211063	X004539	KOEH
	X004539	CAME
31212	M085189	HDMI
31214	M090547	HDMI
31215	M090548	HDMI
31218	M120366	HDMI
31223	M085172	HDMI
31224	M100463	HDMI
312241	J009648	TENT
	J009648	GRVE
31225	M090534	HDMI
31226	M090563	HDMI
31227	M090563	HDMI
31230	M110012	HDMI
31231	M110014	HDMI
31234	M140048	HDMI
31235	M060481	HDMI
31237	M085206	HDMI
31238	M090301	HDMI
31241	M060250	HDMI
31242	M065073	HDMI
31243	M085207	HDMI
31245	M060251	HDMI
31246	M065074	HDMI
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	P206410	WHITE
31247	M085208	HDMI
31248	M090598	HDMI
31249	M100572	HDMI
31250	M120418	HDMI
31251	M060247	HDMI
31252	M090594	HDMI
31253	M090595	HDMI
312625830	H001284	WHITE
312626	P206516	TENT
312627	J008167	TENT
31280	M090280	HDMI
31293	M085293	HDMI
312955	P206540	TENT
312968	P206510	TENT
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	P206335	AP
312K1014	P206335	AP
	P206335	TRUX
312S1016	P224685	TRUX
31300	P206367	DFLX
	P206372	HDMI
31300A	P206372	HDMI
313015	P206540	TENT
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3130889	P206387	VLVO
3130890	P206405	VLVO
3130891	P206407	VLVO
3130892	P206410	VLVO
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3130904	P208395	VLVO
3130905	P270541	VLVO
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3131441	P206347	FRTL
3131445	P206383	VLVO
31350	P206368	DFLX
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31350A	P206373	HDMI
313592	M001668	TYLE
31367	M120367	HDMI
313712	P207351	TENT
31400	P206374	HDMI
31400A	P206374	HDMI
31407	M085407	HDMI
31479	M110479	HDMI
3150	M085189	TRUX
	M085189	AP
	M085189	GOE
31500	P206375	HDMI
31500A	P206375	HDMI
3150Q	M085189	AP
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31514	M090781	HDMI
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	P270531	DRSS
3154070R91	P270535	FURU
	P270535	DRSS
31558	P207352	WLKR
31566	M120566	HDMI
31580	M100580	HDMI
31582	M100582	HDMI
31584	M085084	HDMI
31600	P207414	DFLX
31600A	P207408	HDMI
31680	M090680	HDMI
316977	P207282	TYLE
31805003703	M001756	SDMO
31805003704	M001702	SDMO
31805003705	M001502	SDMO
31805003710	M001703	SDMO
318141	J008681	TYLE
318142	J024737	TYLE
319404	P206346	RDRL
31A300	P206362	HDMI
31A300A	P206362	HDMI
31A350	P206363	HDMI
31A350A	P206363	HDMI
31A400	P206364	HDMI
31A400A	P206364	HDMI
31A500	P206365	HDMI
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31AS400	P206364	HDMI
31AS400A	P206364	HDMI
31AS500	P206365	HDMI
31AS500A	P206365	HDMI
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	M100043	LKBT
	M100043	LBX
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31L500	P206370	DFLX
31L600	P207414	DFLX
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31S400A	P206374	HDMI
31S500	P206375	HDMI
31S500A	P206375	HDMI
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320015	P213191	TESSI
320037	J009614	TESSI
320110	X004476	TESSI
320111	X004538	TESSI
320112	X004478	TESSI
320114	X004482	TESSI
320115	X004484	TESSI
320116	X004536	TESSI
320117	X004537	TESSI
320123	X004539	TESSI
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320289	P206344	ARV
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	H001278	CASE
	H001278	FIAT
321852150	H001284	NH
	H001284	CASE
	H001284	FIAT
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3220010	M065030	JLGI
3220033	M045237	JLGI
3220035	M090158	JLGI
3220036	M060037	JLGI
3220039	M090210	JLGI
3220049	M100048	JLGI
3220076	M045123	JLGI
3220079	M085409	JLGI
322035	M090158	JLGI
3224136	M100580	OKSH
	M100580	MNLS
32250	P206371	DFLX
322622	M090594	FOREM
322656	P208392	U C
3227Q16D1	M090091	CTRY
3227Q3	M120235	KOEH
	M120235	CTRY
3227Z25	M065030	CTRY
32305	M090301	CRMY
32343	P206363	CRMY
3234765	M090544	OKSH
	M090544	MNLS
32350	P206373	DFLX
3235459R1	M120154	NAVI
	M120154	CUCC
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	P207397	AST
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32441	P206321	AGEM
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324937C91	M090280	NAVI
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32564206302	M120131	KOEH
3256420V4391	M120235	KOEH
32600	P207408	DFLX
3262770	M070008	SNBL
3279482	X006202	OKSH
	X006202	AMFGI
327Q690	M140048	PH
32821	X004478	AGEM
	X004478	WILM
32822	P226144	AGEM
3282957	X006203	CUMS
3283435	P206553	CUMS
3283436	X004480	CUMS
32C65	P207281	BABR
32H0511	M120197	LKBT
32H511	M120197	FMC
32L300	P206372	DFLX
32L350	P206373	DFLX
32L400	P206374	DFLX
32L500	P206375	DFLX
32L600	P207408	DFLX
32Z2631	P206411	PH
	P206411	CTRY
32Z27X52	X004484	PH
	X004484	CTRY
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330027	P206611	TESSI
330036	P208326	HDMI
330036A	P208326	HDMI
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330048A	P207293	HDMI
330048CP	P207318	HDMI
330124	P208330	HDMI
330124A	P208330	HDMI
330124CP	J240016	HDMI
330148	P206380	HDMI
330148A	P206380	HDMI
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33065	P207329	WILM
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33160445	P207394	MJPR
33170013	P206317	MJPR

Mfgs. No.	Our No.	Mfg. Code
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33170033	M100048	MJPR
33170039	M085409	MJPR
33170049	P206540	MJPR
33170050	P206543	MJPR
33170099	M100043	MJPR
33170108	M090535	MJPR
33170150	P226143	MJPR
33170406	P206615	MJPR
33170407	P206607	MJPR
33170408	P206400	MJPR
33170409	P207354	MJPR
33170411	P207402	MJPR
33170413	P206350	MJPR
33170414	P270543	MJPR
33170419	P226150	MJPR
33170424	P207394	MJPR
33170426	P206345	MJPR
33170428	P206321	MJPR
33170447	P206323	MJPR
33170483	P206375	MJPR
33170487	M080024	MJPR
33170508	M120235	MJPR
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33212	J000221	WLKR
33214	J000222	WLKR
33220	X007829	WLKR
33221	J190059	WLKR
33222	X007830	WLKR
33223	J190061	WLKR
33224	X007784	WLKR
33225	X007785	WLKR
33226	X007829	WLKR
33227	J190059	WLKR
33228	P222752	WLKR
33231	J190057	WLKR
33239	M065034	RSCO
	M065034	BRLEE
33240	P222753	WLKR
3324009	P270534	CAT
3324011	M065071	CAT
33241	P222754	WLKR
33244	P222744	WLKR
33245	P222745	WLKR
33246	P222752	WLKR
33248	P222753	WLKR
33249	P222754	WLKR
33264	P222755	WLKR
33266	P222757	WLKR
33268	P222759	WLKR
33272	X007830	WLKR
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33275	J190062	WLKR
33276	X007785	WLKR
33278	P222755	WLKR
33279	P222756	WLKR
33280	P222757	WLKR
33281	P222758	WLKR
33282	P222759	WLKR
33285	J009605	WLKR
33288	X007805	WLKR
33293	X007824	WLKR
33294	X007805	WLKR
33300	J000227	WLKR
33304	J000230	WLKR
33305	J000232	WLKR
33310	P222746	WLKR
33311	P222747	WLKR
33312	P222748	WLKR
33313	P222749	WLKR
33314	P222750	WLKR
33315	P222751	WLKR
33323	P222746	WLKR
33324	P222747	WLKR
33325	P222748	WLKR
33327	P222750	WLKR
33328	P222751	WLKR
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335036	P208350	HDMI
335036A	P208350	HDMI
335036CP	P216200	HDMI
335048CP	P207319	HDMI
335124	P208338	HDMI
335124A	P208338	HDMI
335148	P206381	HDMI
335148A	P206381	HDMI
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	P270538	RSCO
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	P270538	DRSS
3377344R1	P270536	DRSS
	P270536	FURU
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33959	J000214	WLKR
33960	J000215	WLKR
33961	J000216	WLKR
	P206393	CMPR
	P206393	LROI
33962	J000217	WLKR
33963	J000218	WLKR
33964	J000213	WLKR
33967	X007833	WLKR
33968	X007834	WLKR
33969	J009606	WLKR
33970	J009607	WLKR
33973	P207353	CMPR
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339993	P206507	TRUX
3400	P207364	XAIR
	P207297	HDMI
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3400108CP	P224636	HDMI
340018A	P207297	HDMI
340023	J340023	AP
340024	J024746	HDMI
340024A	J024746	HDMI
340024CP	J024757	HDMI
340036	P208366	HDMI
340036A	P208366	HDMI
340036CP	J034746	HDMI
340048A	P207295	HDMI
340048CP	P207320	HDMI
340060A	P207290	HDMI
340060CP	P207301	HDMI
340060LA	P224710	HDMI
340060LCP	P224641	HDMI
340072CP	P216202	HDMI
340084CP	P224635	HDMI
3400A	P207297	HDMI
3400CP	P207308	HDMI
340118	P208386	HDMI
340118A	P208386	HDMI
340118CP	P206384	HDMI
340124	J024748	HDMI
340124A	J024748	HDMI
340124CP	J024749	HDMI
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340136CP	P208359	HDMI
340148	P206382	HDMI
340148A	P206382	HDMI
340148CP	P206386	HDMI
340160	P208388	HDMI
340160A	P208388	HDMI
340160CP	P208389	HDMI
340172CP	J640005	HDMI
340189	P206555	SCNA
340190	J024838	SCNA
340196CP	P209913	HDMI
34028	M060232	BRLEE
	M060232	RSCO
340283	M060158	BRLEE
	M060158	RSCO
34074	M065044	BRLEE
34110	M060037	ERIC
34112	M045237	ERIC
	P222748	WLKR
34128	M085056	ERIC
34137	P206363	CRMY
34191	M060055	ERIC
34229	M060038	ERIC
34233	M065034	ERIC
342578	M120100	PACC
3426003	M065030	EIMC
3426023	M065030	EIMC
3426049	M100146	LGMF
3426403	M065030	EIMC
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34335A	P226156	AGEM
34370	M065065	ERIC
34453	M120154	ERIC
3454640	P206409	MNTW
345481	X004539	MNTO
3454810	X004539	MNTW
345507	X004484	MNTO
3455070	X004484	MNTW
	X004484	GRVE
	X004484	MTWC
345512	P206337	U C
345525	P207339	U C
3455300	X004482	MNTW
3455530	P206512	GRVE
	P206512	MNTW
3455970	X004480	MNTW
34587	M085078	ERIC
34589	H001032	ERIC
3459884	M085023	CHLR
34667	M065030	CRMY
34673	J034673	AP
	J034673	TRUX
34674	J034674	AP
	J034674	TRUX
34679	X004476	RSCO
	X004476	BRLEE
34682	M065034	ERIC
34691	M090210	ERIC
34709	P206376	AP
34713	P208324	AP
	P208324	TRUX
34714	P208348	AP
	P208348	TRUX
34715	P208364	TRUX
	P208364	AP
34716	P208380	AP
	P208380	TRUX
34717	P208326	AP
	P208326	GOE
34717Q	P208326	AP
34718	M085056	ERIC
34719	P208366	TRUX
	P208366	AP
34720	P216204	TRUX
34721	M070068	ERIC
34723	M060055	ERIC
	P208358	AP
	P208358	TRUX
34724	P208374	TRUX
	P208374	AP
34727	P208359	AP
34728	P208375	AP
34743	J034743	TRUX
	J034743	AP
34744	J034744	AP
	J034744	TRUX
34746	J034746	AP
34747	M065065	ERIC
348022	M065034	FMC
348025	M065030	FMC
348027	M090594	FMC
34818	M065044	WILM
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34825	J240004	TRUX
34827	P208350	TRUX
34828	P206380	TRUX
34830	P224581	TRUX
34831	P224582	TRUX
34853	M090158	ERIC
34862	M045237	RSCO
34880	M090170	ERIC
34892	P207389	CRMY
3494639	M080018	HSTR
34957	M065065	CRMY
3500	P207365	XAIR
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350011	P206511	TESSI
350018	P207298	HDMI
350018A	P207298	HDMI
350018CP	P207309	HDMI
350024	J024747	HDMI
350024A	J024747	HDMI
350024CP	J024758	HDMI
350036CP	P216204	HDMI
350048	P207296	HDMI
350048A	P207296	HDMI
350048CP	P207321	HDMI
35006	X004480	TMPO
350060CP	P207302	HDMI
350060LA	P224711	HDMI
350072A	P224709	HDMI
350072CP	P216205	HDMI
350084CP	P224638	HDMI
350096CP	P209910	HDMI
3500A	P207298	HDMI
3500CP	P207309	HDMI
350118	P208392	HDMI
350118A	P208392	HDMI
350118CP	P206385	HDMI
350124	J024750	HDMI
350124A	J024750	HDMI
350124CP	J024751	HDMI
350136	P208374	HDMI
350136A	P208374	HDMI
350136CP	P208375	HDMI
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350148CP	P206387	HDMI
350160	P208394	HDMI
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350172A	P224600	HDMI
350172CP	P224600	HDMI
350196CP	P209912	HDMI
3501A	P208392	HDMI
3501CP	P206385	HDMI
35036	P222018	WLKR
350503	X004484	WGNR
35097	X004482	CRMY
35100015	P206511	MJPR
35100016	P206509	MJPR
35100202	X004482	MJPR
35100203	X004539	MJPR
35100210	X004484	MJPR
35100506	P206512	MJPR
351012	X004480	WGNR
	X004480	ATCO
35103	P206507	WLKR
35107192	M065065	IR
35109107	M120100	IR
35111731	P206410	IR
35113530	M085023	IR
35113539	M085023	IR
35113646	P206407	IR
	P206407	IRCR
351170	X004478	WGNR
	X004478	ATCO
35164	P270542	WLKR
35194	P270539	WLKR
35195	P270541	WLKR
352025	P207382	DFLX
35225	P270530	WLKR
35226	P270531	WLKR
35227	J000202	WLKR
35228	J000203	WLKR
352530	P206313	DFLX
35290	P222018	WLKR
35291	X006204	WLKR
35292	X006203	WLKR
35293	X006202	WLKR
35293059	X004478	IRCR
	X004478	IR
35293067	X004480	IR
35294305	X004478	IR
35296060	X004476	IR
353035	P206314	DFLX
353035AZ	P206314	DFLX
35304	P206405	WLKR
353040	P206315	DFLX
353040AZ	P206315	DFLX
35304310	M090146	IR
35307131	X004482	TKNG
	X004484	IR
	X004482	IRCR
35313303	X004484	TKNG
	X004484	IRCR
	X004482	IR
35325	P222748	WLKR
35328871	X004536	IR
35335	J000220	WLKR
35336	J000222	WLKR
35337	J000221	WLKR
3535382	P207596	OKSH
35354	J000221	WLKR
353540	P206316	DFLX
353540AZ	P206316	DFLX
35358571	M060037	IR
35369120	M090009	MNTW
35371	P205834	WLKR
35373	J000231	WLKR
35392	P271511	WLKR
35393	P270543	WLKR
35401	J009612	WLKR
354050	P206317	DFLX

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
354050AZ	P206317	DFLX
35408	J000220	WLKR
35409	P207667	WLKR
35413	J000222	WLKR
35414	J000221	WLKR
354170	X004482	WGNR
	X004482	ATCO
35423	J000219	WLKR
35424	J000231	WLKR
35433	P271507	WLKR
35444	P206608	WLKR
35445	P206408	WLKR
35449	P206604	WLKR
35456	J009486	WLKR
354562	P270534	KOHL
35457	J009487	WLKR
354612	M120131	ATCO
	M120131	WGNR
35494	J009613	WLKR
35495	J009611	WLKR
35496	J009613	WLKR
35497	P207598	WLKR
35498	J009614	WLKR
35499	P210110	WLKR
35500	P213191	WLKR
3550036CP	P216204	DFLX
355060	P206318	DFLX
355060AZ	P206318	DFLX
35512	P270532	WLKR
35513	P270533	WLKR
35514	P270534	WLKR
35514629	M085084	IR
35539238	P270534	IR
35576271	M085090	IR
35584499	M120131	IR
35595834	M070068	IR
35599834	M070068	IR
35606	P206523	WLKR
356153C1	M090072	NAVI
35617	P270535	WLKR
35618	P270536	WLKR
35619	P270538	ROSS
	P270538	WLKR
35620	J000210	WLKR
35621	J000212	WLKR
35622	J000213	WLKR
35624	P206600	WLKR
35636	J009618	WLKR
35660	J009479	WLKR
35673022	M060005	JAGR
35673580	M070008	JAGR
35673585	M070050	JAGR
356808	P208388	FOREM
35690	J009612	WLKR
35692	P207598	WLKR
35693	P207596	WLKR
35694	P206609	WLKR
35696	P206601	WLKR
35733	P206520	WLKR
35734	P206526	WLKR
35746	P210110	WLKR
35749	J000232	WLKR
35752	J000230	WLKR
35753	J000228	WLKR
35757	J000232	WLKR
35758	J000231	WLKR
35760	P206408	WLKR
357686A1	X009076	CASE
35772	J000227	WLKR
35773	J000228	WLKR
35774	J000230	WLKR
35775	J000232	WLKR
35776	P206610	WLKR
35777	P206611	WLKR
35778	P206616	WLKR
35786	P206407	WLKR
35787	P206409	WLKR
35788	P206410	WLKR
35789	P206411	WLKR
35790	P206511	WLKR
35791	P206512	WLKR
35792	P206512	WLKR
35793	J000224	WLKR
35794	J000227	WLKR
35795	J000233	WLKR
35796	P207784	WLKR
35797877	M090210	IR
35799	P206602	WLKR
35800	P206603	WLKR
35804	P206605	WLKR
35805	P206606	WLKR
35806	P206607	WLKR
35807	M060038	WLKR
35829944	M090535	IR
35844117	M085056	IR
35852	P206524	WLKR
35853	P206525	WLKR
35854	P206515	WLKR
35855	P206516	WLKR
35856	P206517	WLKR
3587471	M111026	OKSH
35886	P206510	WLKR
35887	P206511	WLKR
358921C1	M090280	NAVI
35898	J008167	WLKR
35899	P224841	WLKR
35907	P270539	WLKR
3590812	M100049	HRSN
3590813	M090535	HRSN
3590814	M100464	HRSN
3590815	M120131	HRSN
3590816	M090544	HRSN
3590823	M090544	HRSN
3590824	M090534	HRSN
3590825	M100464	HRSN
3590826	M090544	HRSN
3590827	M085023	HRSN
3590829	M090538	HRSN
3590831	M100043	HRSN
3590834	M100464	HRSN
3590837	M100463	HRSN
3590838	M120176	HRSN
3590841	M090091	HRSN
3590842	M100465	HRSN
3590844	M100464	HRSN
3590845	M100464	HRSN
3590846	M120197	HRSN
3590850	M090072	HRSN
3590853	M120365	HRSN
3590855	M120108	HRSN
3590856	M100463	HRSN
3590861	M100146	HRSN
3590863	M100463	HRSN
3590868	M100463	HME
	M100463	HRSN
359087	M120154	HRSN
359089	M090544	HRSN
35909	P270540	WLKR
35910	P270541	WLKR
35924	X004536	WLKR
35926	X004537	WLKR
35927	X004476	WLKR
35930	X004538	WLKR
35931	P270837	WLKR
35932	P270838	WLKR
35933	P206512	WLKR
35934	X004478	WLKR
35935	P206512	WLKR
35936	X004480	WLKR
35937	X004482	WLKR
35938	X004484	WLKR
35939	X004539	WLKR
359696A1	M001503	CASE
35972	P206518	WLKR
35973	P207345	WLKR
35974	P207346	WLKR
35975	J000217	WLKR
35976	J000216	WLKR
35977	J000215	WLKR
35978	J000214	WLKR
35979	J000211	WLKR
35980	J000218	WLKR
35983	P206519	WLKR
35984	P206521	WLKR
35988	P207308	WLKR
35989	P207309	WLKR
35997	P206353	WLKR
35AA	J000201	ACFT
35EL90114A	P206342	ACFT
35EL90115A	P206343	ACFT
35EL90214A	J190014	ACFT
35EL90215A	P207328	ACFT
35EL90241A	P206398	ACFT
35EST	J000215	ACFT
35FBC	P206609	ACFT
35FBZ	P206601	ACFT
35GZ	P206409	ACFT
35HD	J000228	ACFT
35P2530	J190042	DFLX
35P3035	J190044	DFLX
35P3040	J009648	DFLX
35P3540	J190045	DFLX
35P4050	J009649	DFLX
35P5060	J009650	DFLX
35PLA	J009605	ACFT
35PLS	J190061	ACFT
35RCZ	P270538	ACFT
35STA120	P206335	ACFT
35TS112A	P206303	ACFT
35TS212A	P206310	ACFT
35X30R303A	P206314	ACFT
3600	P207361	XAIR
360001	P206543	TESSI
360014	P206508	TESSI
360015	P206509	TESSI
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	M090563	AP
3610Q	M090563	AP
3611	M090520	GOE
	M090520	AP
	M090520	TRUX
3611Q	M090520	AP
3612111	M090158	CASE
	M090158	FIAT
3612123	M065044	CASE
	M065044	FIAT
3612125	M120100	FIAT
	M120100	CASE
3612127	P270538	FIAT
	P270538	CASE
3612136	P270533	CASE
	P270533	FIAT
3612138	P270539	FIAT
3612145	P270543	FIAT
	P270543	CASE
3612151	M070068	CASE
	M070068	FIAT
3612153	P270532	FIAT
	P270532	CASE
3612157	P270541	FIAT
	P270541	CASE
3612162	M120197	FIAT
	M120197	CASE
3612171	M100043	CASE
	M100043	FIAT
3612177	M060251	CASE
	M060251	FIAT
3612180	M065074	FIAT
	M065074	CASE
3612182	M120365	FIAT
	M120365	CASE
3614	M120100	AP
	M120100	TRUX
36145	P206403	WLKR
36146	P206404	WLKR
36147	P206406	WLKR
36148	P222744	WLKR
36149	P222745	WLKR
3614Q	M120100	AP
3615	M060055	AP
3615Q	M060055	AP
3616	M090170	GOE
	M090170	AP
3616Q	M090170	AP
3617	M045193	AP
	M045193	GOE
	M045193	TRUX
3617Q	M045193	AP
3618	M070028	AP
	M070028	HDMI
	M070028	GOE
	M070028	TRUX
3618Q	M070028	AP
3620	M120108	AP
362025	P207397	DFLX
3620Q	M120108	AP
3621	M065071	AP
	M065071	GOE
3621Q	M065071	AP
3622	M060158	AP
3622Q	M060158	AP
3624	M065034	TRUX
	M065034	GOE
	M065034	AP
362455	M140048	FOREM
362467	P207596	FOREM
3624Q	M065034	AP
3625	M085171	GOE
	M085171	AP
	M085171	TRUX
362530	P206319	DFLX
3625Q	M085171	AP
3626	M085084	TRUX
	M085090	AP
	M085090	GOE
	M085090	TRUX
3626Q	M085090	AP
3627	M085056	AP
	M085056	GOE
	M085056	TRUX
3627Q	M085056	AP
3629	M085078	AP
3629Q	M085023	AP
36300100	P206518	MJPR
363035	P206320	DFLX
363035AZ	P206320	DFLX
363040	P206321	DFLX
363040AZ	P206321	DFLX
36319	H001284	CRMY
3632	M090280	AP
	M090280	TRUX
	M090280	GOE
3632066M1	X004484	AGCO
36323277	M065044	IR
3632Q	M090280	AP
3633	M090159	AP
3633Q	M090159	AP
3634	M090210	AP
3634560	M090544	CHLR
3634620	M120131	CHLR
3634Q	M090210	AP
36352672	M045193	IR
363540	P206322	DFLX
363540AZ	P206322	DFLX
3636	M090301	TRUX
	M090301	AP
	M090301	GOE
3636Q	M090301	AP
3637	M100146	TRUX
	M100146	AP
	M100146	GOE
3637Q	M100146	AP
3638397	M090074	CHLR
363881	M002121	FOREM
3640	M100463	TRUX
	M100463	GOE
	M100463	AP
364050	P206323	DFLX
364050AZ	P206323	DFLX
3640908	M100464	CHLR
3640Q	M100463	AP
3641507	M002122	OKSH
3643	M120176	AP
3643Q	M120176	AP
364406	M170101	FOREM
364443	P222751	FOREM
3645	M120235	TRUX
	M120235	AP
	M120235	GOE
3645Q	M120235	AP
3646	M122300	AP
3646Q	M122300	AP
3647	M120108	TRUX
	M120225	AP
	M120225	GOE
3647Q	M120225	AP
3648	M120131	AP
3648Q	M120131	AP
3649	M170101	AP
3649Q	M170101	AP
3650	M190002	AP
365060	P207402	DFLX
365060AZ	P207402	DFLX
3650Q	M190002	AP
3653	M085421	TRUX
3654	M065065	AP
	M065065	APE
	M065065	GOE
	M065065	TRUX
3654Q	M065065	AP
3655	M085023	TRUX
3662	M085008	APE
	M085008	AP
	M085008	GOE
	M085008	TRUX
3662Q	M085008	AP
366303C1	M090146	NAVI
3664	M090544	AP
3665	M100464	AP
3666	M090544	TRUX
	M090544	AP
	M090544	GOE
3666Q	M090544	AP

Mfgs. No.	Our No.	Mfg. Code
3667	M090535	AP
	M090535	GOE
	M090535	APE
	M090535	TRUX
3667Q	M090535	AP
3668	M090538	GOE
	M090538	TRUX
	M090538	AP
3668Q	M090538	AP
3669	M100048	AP
	M100048	GOE
	M100048	APE
3669Q	M100048	AP
3670	M100049	AP
	M100049	GOE
3670Q	M100049	AP
3671	M100464	AP
3672170	M001503	OKSH
3672170DX1	M001503	OKSH
3673	M100464	AP
3674	M120154	AP
3674Q	M120154	AP
3675	M120197	GOE
	M120197	AP
	M120197	APE
	M120197	TRUX
36752707	M065074	VLVO
3675Q	M120197	AP
3676	M120365	GOE
	M120225	TRUX
	M120365	AP
	M120365	APE
3676064	X004478	CLRK
	X004478	ECLD
	X004478	CLJL
3676Q	M120365	AP
3677	M100052	GOE
	M100052	AP
	M100052	TRUX
3677450	P206411	CLRK
3677Q	M100052	AP
3678	M120382	TRUX
	M120382	AP
3678Q	M120382	AP
3679	M090146	TRUX
	M090146	GOE
	M090146	AP
36790	M085090	RSCO
	M085090	BRLEE
36799807	X004539	IR
3679Q	M090146	AP
3680	M060232	AP
	M060232	APE
3680Q	M060232	AP
3681	M090362	TRUX
	M090362	GOE
3681Q	M090362	AP
3682	M090072	AP
	M090072	TRUX
	M090072	GOE
3682Q	M090072	AP
3683	M070008	GOE
	M070008	AP
	M070008	TRUX
	M070069	GOE
3683Q	M070008	AP
3684	M090009	TRUX
	M090009	AP
	M090009	GOE
3684Q	M090009	AP
3685	M070050	AP
	M070050	TRUX
3685Q	M070050	AP
3686	M060005	AP
36865285	M070069	IR
3686Q	M060005	AP
3687	M080018	GOE
	M080018	AP
	M080018	TRUX
36876076	M090091	IR
3687Q	M080018	AP
3688	M085080	AP
3688Q	M085080	AP
3689	M090158	TRUX
	M090158	AP
	M090158	GOE
3689Q	M090158	AP
3690	M060037	AP
	M060037	GOE
	M060037	TRUX
	M060037	APE
3690Q	M060037	AP
3691	M065030	APE
	M065030	GOE
	M065030	AP
	M065030	TRUX
3691Q	M065030	AP
3692	M070068	GOE
	M070068	AP
	M070068	TRUX
	M070068	APE
3692Q	M070068	AP
3693	M070069	APE
	M070069	TRUX
	M070069	AP
	M070069	GOE
3693Q	M070069	AP
3694	M080024	TRUX
	M080024	APE
	M080024	AP
	M080024	GOE
3694918	H001034	OKSH
3694Q	M080024	AP
3695	M090091	GOE
	M090091	APE
	M090091	AP
	M090091	TRUX
3695Q	M090091	AP
3696	M100016	APE
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3697	M085172	TRUX
	M085172	GOE
	M085172	AP
3697Q	M085172	AP
3698	M120366	TRUX
	M120366	AP
	M120366	GOE
3698Q	M120366	AP
3699	M100465	TRUX
	M100465	AP
3699M	M100465	TRUX
3699Q	M100465	AP
36A2273	M090535	LKBT
3700	M110012	AP
	M110189	TRUX
	M110189	GOE
37006	M070008	KTSU
	M070008	DRSS
3700Q	M110189	AP
3702	M100213	TRUX
	M100213	AP
3702321	P224479	OKSH
3703	M090548	AP
	M090548	GOE
	M090548	TRUX
3703Q	M090548	AP
3704	M090547	AP
	M090547	GOE
3704Q	M090547	AP
370571	X004539	ATCO
	X004539	WGNR
3708	M110189	AP
3710	M090534	GOE
	M090534	AP
	M090280	TRUX
3711	M110012	AP
	M110012	GOE
	M110012	TRUX
3712	M090781	AP
	M090781	GOE
	M090781	TRUX
3712Q	M090781	AP
3713	M110189	TRUX
3714	M100466	AP
	M100466	GOE
	M100466	TRUX
3714Q	M100466	AP
3715	M100695	TRUX
	M100695	GOE
	M100695	AP
3715Q	M100695	AP
3716	M090680	GOE
	M090520	TRUX
	M090520	AP
3718	M120566	AP
3719	M085267	TRUX
	M085267	AP
	M085267	GOE
3719Q	M085267	AP
3722	M100582	AP
	M100582	TRUX
37224213	M090535	MJPR
37225562	X005207	MJPR
37229139	P206328	MJPR
3722918	X007805	OKSH
	X007805	MNLS
3723	M100580	AP
3725	M085172	TRUX
	M085172	GOE
372520	P207389	DFLX
372852	X004536	ATCO
	X004536	WGNR
3729	M090547	AP
3729Q	M090547	AP
373025	P206324	DFLX
3731	M090781	AP
3731Q	M090781	AP
373530	P206325	DFLX
373530AZ	P206325	DFLX
374030	P206326	DFLX
374030AZ	P206326	DFLX
374035AZ	P206327	DFLX
374540	J190041	DFLX
375040	P206328	DFLX
375040AZ	P206328	DFLX
375447	J190014	DYPC
375448	P207362	DYPC
375450	P226140	DYPC
375493	P206342	DYPC
375496	P206320	DYPC
375499	P206340	DYPC
375501	X004478	DYPC
375553	M090158	DYPC
376050	P207394	DFLX
376304	P226140	DYPC
3764910140	P206521	FRTL
3764920640	X007785	FRTL
3764921940	X007830	FRTL
37700X	M065044	LULL
3774734	P222750	OKSH
3774737	P222750	OKSH
3779771	H001034	OKSH
37799X	M065073	LULL
3780187M1	M001756	AGCO
3781125M1	X004962	AGCO
3784627	M120365	CHLR
38017	P206281	BRLEE
	P206281	RSCO
3820392	M100464	CHLR
38228126	M090535	CHLR
3828126	M090535	CHLR
38303111110	M120100	FURU
	M120100	DRSS
38303111140	P206521	FURU
	P206521	DRSS
38359	H001032	CRMY
384001	P205979	DFLX
38401	P205976	DFLX
3840235	P222751	OKSH
384786	M065034	HSTR
385001	P206299	DFLX
38501	P206300	DFLX
3850424	M065065	GM
38603111110	M100146	JURA
38611	J038611	AP
	J038611	TRUX
38612	J038612	TRUX
	J038612	AP
38669	X004482	EIMC
3872	M090544	AP
3873	M100807	AP
	M100807	TRUX
	M100807	GOE
38737	J009618	CMI
	J009618	BRLEE
	J009618	RSCO
38772	M065030	RSCO
	M065030	BRLEE
	M060038	RSCO
3878	M060247	GOE
	M060247	TRUX
	M060247	AP
3879	M060005	AP
	M060005	GOE
	M060005	TRUX
3880	M065138	TRUX
3884	M080018	GOE
	M080018	AP
3888	M090594	AP
	M090594	TRUX
	M090594	GOE
3890	M090781	AP
	M090781	TRUX
38903111110	M120176	FURU
3891	M090074	GOE
	M090074	AP
	M090544	TRUX
3892	M085421	TRUX
3893	M100695	TRUX
3895	M090595	GOE
	M090595	TRUX
	M090595	AP
3897	M090535	AP
	M090535	TRUX
	M090074	TRUX
	M090535	GOE
3898	M120154	TRUX
	M120154	AP
	M120154	GOE
38A1007	M100464	FMC
3900	M120131	AP
	M120131	GOE
	M120131	TRUX
3910420A	P206410	TIPP
3910469	X007830	TIPP
3911	M100043	TRUX
3912	M120448	TRUX
3912069	M085023	TIPP
391210084	H001284	CASE
	H001284	NH
	H001284	FIAT
3913	M122300	TRUX
391343	P206281	RSCO
	P206281	BRLEE
3915	M090547	TRUX
3918	M100052	TRUX
3919708	X006202	VLVO
3921	M120367	TRUX
	M120367	AP
	M120367	GOE
3923	M110014	TRUX
3925	M065044	TRUX
	M065044	GOE
	M065044	AP
3927	M110479	AP
	M110479	GOE
	M110479	TRUX
3931	M120566	GOE
	M120566	TRUX
	M120566	AP
3933	M120235	TRUX
3937	M100572	AP
	M100572	GOE
	M100572	TRUX
393997	M100043	HSTR
39401	P205979	DFLX
3941	M120418	TRUX
	M120418	GOE
3945417	M085267	VLVO
394639	M080018	HSTR
3948159	P206311	VLVO
3948308	P208394	VLVO
3948309	P207298	VLVO
3948357	P206554	VLVO
39501	P206299	DFLX
395333	M065030	HSTR
39617	M090170	RDRL
3981941	M065065	GM
3981948	M060232	GM
3983244	M060251	BLDY
3B7914	M065030	RYGO
	M065030	CAT
3B7942	M070068	CAT
3B7964	M080024	CAT
3EB01F2740	P207411	KTSU
3HS880	M085090	OKSH
3K3124	M080018	CAT
	M080018	TIM
	M080018	TESSI
3PS4174	M085008	CHLN
3R0682	M085023	CAT
3T4894	P207414	CAT

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Mfgs. No.	Our No.	Mfg. Code
400005007	M065044	HERC

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Donaldson FILTRATION SOLUTIONS

Mfgs. No.	Our No.	Mfg. Code
40008	P226129	WLKR
40009	M045237	SLAR
	P226129	WLKR
40010	P226154	WLKR
40011	P226155	WLKR
40012	P226157	WLKR
4001225	M060055	ARRO
4001319500	M120418	CMI
4001905	M060037	ARRO
40020	P226132	WLKR
40021	P226133	WLKR
40022	P226156	WLKR
40023	P226158	WLKR
40024	P226154	WLKR
40025	P226155	WLKR
40026	P226157	WLKR
4002735000	H001034	CMI
4002746000	P207667	CMI
4002768000	M120131	CMI
4002827000	M100463	CMI
4002833000	P270535	CMI
4002935000	M065044	CMI
4002958000	P270538	CMI
4002975000	M090301	CMI
4002980000	M085090	CMI
4003	M090009	KSHA
4003012000	M122300	CMI
4003031000	M085023	CMI
4003036000	M100213	CMI
4003064000	M120225	CMI
4003064111	M120225	CMI
400A1014	P206336	TRUX
	P206336	AP
400A1016	P206336	AP
	P206336	TRUX
400A1414	P206336	AP
	P206336	TRUX
400C1016	P206336	TRUX
	P206336	AP
400S1016	P224686	TRUX
40100G	P226142	ACFT
40100S	P226146	ACFT
401116	X007829	SKYJ
401117	X007830	SKYJ
401132	X007784	SKYJ
4011460	P207299	XAIR
4011548	P207317	XAIR
4011560	P207300	XAIR
4012448	P207320	XAIR
4012518	P207309	XAIR
4012548	P207321	XAIR
4012560	P207302	XAIR
4012596	P209912	XAIR
4012S	J240006	ACFT
401400	P207345	XAIR
401512	P207346	XAIR
401518	P206354	XAIR
401666	M045237	FMC
401716	M080018	SKYJ
4017418	P206384	XAIR
4017436	P208359	XAIR
4017448	P206386	XAIR
4017518	P206385	XAIR
4017536	P208375	XAIR
4017548	P206387	XAIR
4017560	P208395	XAIR
4018G	J024754	ACFT
4018S	P206554	ACFT
402445	P206285	XAIR
40247	P206297	WLKR
4024G	J024835	ACFT
4024S	J024850	ACFT
402545	P206286	XAIR
40256	J092679	WLKR
40257	J092689	WLKR
402592003	X004478	FMNT
402592004	X004480	FMNT
402595001	X004536	FMNT
402595002	X004476	FMNT
402595005	X004482	FMNT
402595006	X004484	FMNT
402595007	X004539	FMNT
402744	M101169	OXBOI
	M101169	OXBO
40282	M070028	SLAR
402966	H001284	OXBOI
	H001284	OXBO
403001S	J009612	DFLX
40300G	P226155	ACFT
40300S	P206604	DFLX
	P226156	ACFT
4030S	J024836	ACFT
403100001	M060158	HERC
403100953	X004478	HERC
403503S	P222017	DFLX
403505	P206605	DFLX
40350S	P206605	DFLX
40364	P206298	WLKR
404002S	P222018	DFLX
404005	P206606	DFLX
40400S	P206606	DFLX
4041463	X004539	ECLD
	X004539	VLVO
	X004539	VME
4043701	X004482	ECLD
	X004482	VME
404380001	J190055	VMER
40438001	J190055	VMER
4044382	M085410	TYLR
40447	P206409	HAWK
40448	P206388	XAIR
4044942	P207566	TYLR
404508R1	M070068	CASE
	M070068	FURU
	M070068	DRSS
	M070068	NAVI
404595003	X004478	FMNT
40460	P206390	XAIR
4047421	X004484	VLVO
	X004484	ECLD
	X004484	VME
404812100	M120108	LETO
	M120108	MARA
	M080018	LETO
405	P206849	HDMI
4050	M100465	PHOE
	M100580	INDIP
	M100465	INDIP
40500	M100580	INDIP
40500S	P206607	DFLX
405094	M170101	SLAR
405097	M090535	SLAR
4050UMB	P207784	ACFT
4054049	X004480	VME
40548	P206389	XAIR
4055	P207368	HDMI
40560	P206391	XAIR
4058502	X004484	VME
406	P206850	HDMI
406240	P206610	XAIR
406250	P206611	XAIR
406303	M065074	MOB
4068782	M090146	LETO
407	P206851	HDMI
4071524	X004484	LETO
4073731	H001034	LETO
4073737	M100464	MJPR
	M100464	MARA
407573001	M060055	FMNT
	M060055	DCOA
408	P207369	HDMI
4080072	M120365	VME
40801	M090009	DACR
4081853	P207359	LETO
4081866	X004539	LETO
4082047	X004478	CBM
4085865	M080024	MARA
	M080024	LETO
4088683	M120225	VME
409186012	P206526	FMNT
409300	P271507	XAIR
409350	P271508	XAIR
409400	P270837	XAIR
4094239160	P206607	CMI
409500	P270838	XAIR
409812	H001279	SLAR
409828C1	M090544	NAVI
40AA	J000202	ACFT
40CN104	P206369	PACC
40CN104A5A	P206328	ACFT
40CN304	P206374	PACC
40CS224A	J024748	ACFT
40CS224C	J024749	ACFT
40CS236A	P208358	ACFT
40CS236C	P208359	ACFT
40CS248A	P206382	ACFT
40CS248C	P206386	ACFT
40CS260A	P208388	ACFT
	P208338	PACC
40CS260C	P208389	ACFT
40EL45104A	J190023	ACFT
40EL45203A	P207353	ACFT
40EL90116A	P206344	ACFT
40EL90117A	P206345	ACFT
40EL90117C	P206353	ACFT
40EL90217A	P207329	ACFT
40EL90219A	P206346	ACFT
40EL90242A	P207364	ACFT
40EL90243A	P206399	ACFT
40EST	J000216	ACFT
40FBC	P206610	ACFT
40FBZ	P206602	ACFT
40GZ	P206410	ACFT
40HD	J000230	ACFT
40PLA	J009606	ACFT
40PLS	J009623	ACFT
40RCC	P270837	ACFT
40RCZ	P270539	ACFT
40STA120	P206336	ACFT
40TA	P206297	ACFT
40TS118A	P207297	ACFT
40TS118C	P207308	ACFT
40TS124A	J024746	ACFT
40TS218A	P208386	ACFT
40TS218C	P206384	ACFT
40X30R104A	P206321	ACFT
40X30R304A	P206315	ACFT
40X35R104A	P206322	ACFT
40X35R305A	P206316	ACFT
40X35R404A	P206327	ACFT
40YTUBE	J092679	ACFT
41001	J008671	WLKR
41002	P206339	WLKR
41003	P206340	WLKR
	P206340	ROSS
41004	P206342	WLKR
41005	P206344	WLKR
41013	P206306	WLKR
4101398	P207363	HDMC
4102049	M190002	LETO
	M190002	MARA
410354	M120235	SLAR
4103898	M100463	MARA
41058	P206306	WLKR
410650	M065065	CRMY
4108511A	M085078	ALMN
41094	P206308	WLKR
41095	P206309	WLKR
41096	P206310	WLKR
41097	P206311	WLKR
41099	P216172	WLKR
41154	J008671	WLKR
41189	P206279	WLKR
41204	P206395	WLKR
41205	P206617	WLKR
412052AA	P206311	SKYJ
412053AA	P206326	SKYJ
41217	P206396	WLKR
41221	P206397	WLKR
41222	P206398	WLKR
41223	P206399	WLKR
41224	P206400	WLKR
41233	P206927	WLKR
4124051	M100463	LETO
41249026	X007831	DAEW
41251	P206344	WLKR
41252	P206342	WLKR
41256	P207364	WLKR
413001S	J009612	DFLX
41300S	P206604	DFLX
413162	M085056	CMI
413174	M085207	CMI
413195	M120418	CMI
413196	P208374	CMI
413216	P206328	CMI
413224	M085090	CMI
413225	M090301	CMI
413253	X007785	CMI
	X007785	CMCO
413287	M170101	CMI
413309	P206304	CMI
413311	M090594	CMI
41338S	J009611	DFLX
41365	P206340	WLKR
41366	P206342	WLKR
41367	P206344	WLKR
413678A1	M001865	TYLE
	M001865	CASE
41378	P206344	WLKR
41400S	J009614	DFLX
4141106	X004482	LETO
41428	P207351	WLKR
41429	P207352	WLKR
41430	P207353	WLKR
41431	P207354	WLKR
41432	P207324	WLKR
41433	P207325	WLKR
41434	P207326	WLKR
41435	P207327	WLKR
41436	P207332	WLKR
41437	P206279	WLKR
41438	P207349	WLKR
41439	P207350	WLKR
41440	P207350	WLKR
41441	P207335	WLKR
41442	P216172	WLKR
41450S	P210110	DFLX
414714	M085090	MOB
	M085090	WLDN
41472	P206344	WLKR
41473	P206346	WLKR
41474	P207364	WLKR
41475	P207353	WLKR
414755	X004478	WLDN
	X004478	MOB
41476	P207354	WLKR
41477	J190025	WLKR
41479	P205979	WLKR
41480	P205976	WLKR
41514	P207394	WLKR
41515	J009650	WLKR
41532	P207339	WLKR
41534	P206341	WLKR
41535	P206341	WLKR
41536	P207362	WLKR
41537	P207363	WLKR
41538	P207365	WLKR
41539	P206299	WLKR
41540	P206300	WLKR
41557	P207408	WLKR
41558	P207333	WLKR
41560	P207366	WLKR
41563	P206321	WLKR
41582	P207339	WLKR
41583	P207361	HDMI
	P207361	WLKR
41583Q	P207361	HDMI
	P207361	WLKR
416001355910	P206600	IRKA
416001401902	X004484	NABI
	X004484	IRKA
416001401907	P206603	IRKA
	P206603	NABI
416001401925	P206375	IRKA
416001530914	P206337	IRKA
416021401905	M120108	NABI
	M120108	IRKA
416021401909	P206410	IRKA
416061530906	P206602	NABI
41612	P207354	WLKR
41614	J009635	WLKR
41615	J009636	WLKR
41616	J009637	WLKR
41618	J009631	WLKR
41619	J009632	WLKR
41620	J018110	WLKR
41623	J009644	WLKR
41624	J009645	WLKR
41626	J009639	WLKR
41627	J009640	WLKR
41628	J009641	WLKR
41629	P207331	WLKR
41630	J008681	WLKR
41631	P207322	WLKR
41633	P206342	WLKR
41634	J008681	WLKR
41635	P206344	WLKR
41636	P207362	WLKR
41638	P206346	WLKR
41641	P207351	WLKR
41645	P206612	WLKR
41646	P207619	WLKR
41647	P207581	WLKR
41648	J009391	WLKR
41649	P207568	WLKR
4165	P206850	INDIP
41650	P207620	WLKR
41652	P207620	WLKR
41653	P207567	WLKR
41654	J009393	WLKR
41655	P207566	WLKR
41657	P207568	WLKR

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Mfgs. No.	Our No.	Mfg. Code
41658	P207566	WLKR
41662	J009479	WLKR
41663	P207581	WLKR
41685	P207362	WLKR
41687	P207386	WLKR
41691	J240006	WLKR
41692	P224479	WLKR
41693	J240007	WLKR
41694	P224481	WLKR
4170	M085411	NH
	X004482	INDIP
4171	P207368	INDIP
4173	P206312	INDIP
41730	P206312	INDIP
41751	M060005	SLAR
41768	P224669	WLKR
41769	J190003	WLKR
418195A1	M001756	CASE
4182268	M090159	FMC
41832	P206400	WLKR
4185027	M190002	LETO
41862	P207568	WLKR
4186214A	P226148	ALMN
41865	P206605	WLKR
41889	M100048	GEHL
	P207414	WLKR
41890	J009648	WLKR
41891	J009649	WLKR
41892	P206372	WLKR
41893	P206373	WLKR
41895	P206374	WLKR
41896	P206369	WLKR
41897	P206370	WLKR
41898	P206317	WLKR
41899	P206375	WLKR
41902	P207411	WLKR
41909	P206323	WLKR
41939003	J240005	DAEW
4194	P206411	INDIP
41940	P207405	WLKR
41944	P207411	WLKR
41947	P207411	WLKR
4194907045	P270536	FRTL
4194927029	M070068	FRTL
	M070068	MERS
419499	M065071	WLDN
	M065071	MOB
41957	P206371	WLKR
41958	P207382	WLKR
41959	P207397	WLKR
41960	P207389	WLKR
4196234	P207341	LETO
4196273	M120154	ABPS
41963	J008942	WLKR
41964	P206361	WLKR
41966	P206366	WLKR
41968	P206324	WLKR
41969	P206372	WLKR
41970	P206367	WLKR
41971	P206362	WLKR
41972	P206324	WLKR
41973	P206313	WLKR
41974	P206319	WLKR
41975	P207386	WLKR
41976	P206367	WLKR
41977	P206373	WLKR
41978	P206368	WLKR
4197837A	M065044	ALMN
41979	P206363	WLKR
41980	P206325	WLKR
41981	P206314	WLKR
41982	P206320	WLKR
41983	P206368	WLKR
419838	M080018	WLDN
	M080018	MOB
41984	P206322	WLKR
419843	J009645	RDRL
419844	M120225	RDRL
41985	P206374	WLKR
41986	P206369	WLKR
41987	P206364	WLKR
41988	P206326	WLKR
4198828	P207354	LETO
41989	P206315	WLKR
41990	P206316	WLKR
41991	P206327	WLKR
41992	P206365	WLKR
41993	P206370	WLKR
41994	P206328	WLKR
41995	P206317	WLKR
41996	P206375	WLKR
41997	P207402	WLKR
41998	P206318	WLKR
41999	P206324	WLKR
41A300466A1	P207667	GE
41A300466ABP1	P207667	GE
	P207667	GEPA
41A300466P1	P206411	GE
	P206411	PRTCTR
	P206411	GEPA
41A300470P1	M120108	AUTM
	M120108	AMTK
	M120108	ATHM
	M120108	GE
41A300754P1	P207394	GEPA
41A301438P1	P270541	GEPA
	P270541	GE
	P270541	ATHM
41A312661P1	X004484	GE
	X004484	GEPA
41B590490P1	M170101	GE
	M170101	ATHM
420039	M090535	PIE
420225	M120100	PIE
420256	M120225	PIE
4203267	M070008	KOEH
4203914	X004484	KOEH
	X004484	TREX
4204307	M090009	KOEH
4204310	M120100	KOEH
4204349	M120100	KOEH
4204351	M085023	KOEH
4204360	M100049	KOEH
4204373	M085023	KOEH
4204375	M100464	KOEH
4204376	M100464	KOEH
4204378	M090538	KOEH
4204388	M090535	KOEH
4204391	M120235	KOEH
4204408	M085208	KOEH
4204754	H001279	KOEH
	H001279	TJAK
	H001279	HSTR
4204757	H001284	KOEH
4205	M120450	AP
	M120450	TRUX
	M120450	GOE
420560	J540008	XAIR
4206	M101181	AP
	M101181	TRUX
	M101181	GOE
4206022	M120131	KOEH
4206302	M120131	KOEH
42066302	M120131	KOEH
42067	J024754	WLKR
42068	J024755	WLKR
42069	J024835	WLKR
4207	M101182	AP
	M101182	GOE
	M101182	TRUX
42070	J024837	WLKR
42071	J024746	WLKR
42072	J024747	WLKR
420801	M090544	PIE
42081	P207332	WLKR
4209	X004484	INDIP
420920	M080024	FWD
420C4361	M100048	KOEH
420V1373	M085023	KOEH
420V3912	X004482	KOEH
	X004482	TREX
420V4349	M120100	KOEH
420V4351	M085023	KOEH
420V4360	M100049	KOEH
420V4375	M100464	KOEH
420V4376	M100464	KOEH
420V4382	M090170	KOEH
420V4383	M100043	KOEH
	M100043	TREX
420V4386	M100464	KOEH
420V4387	M090158	KOEH
420V4388	M090535	KOEH
420V4390	M090538	KOEH
420V4391	M120235	KOEH
420V4393	M120154	KOEH
	M120154	TREX
420V6300	M170101	KOEH
420V6302	M120131	TREX
420V6308	M100463	KOEH
42104	M001668	KW
	M001668	PACC
42125	P207332	WLKR
42126	P207283	WLKR
42127	P207281	WLKR
42128	P207559	WLKR
42129	P208386	WLKR
42130	P208392	WLKR
42132	P208338	WLKR
4214	P206849	INDIP
421436	P270534	CLJL
	P270534	CLRK
42147	P207332	WLKR
4215972M91	H001279	HNMG
4215997	M100580	LETO
42175	P206544	WLKR
42178	P216191	WLKR
4218	M090781	AP
42185	P206343	WIX
	P206343	WLKR
422032	M100049	CRMY
4223	M060038	TRUX
4224488	M120131	LETO
42246	J190023	WLKR
42247	P207353	WLKR
4225	M110189	TRUX
422509	M100048	PIE
42252	J009560	WLKR
42253	P207332	WLKR
42272	P206347	WLKR
42288	P207328	WLKR
422930C1	M090544	NAVI
42300	P206612	DFLX
42300C	P206612	DFLX
42317	P206547	WLKR
42320	P208366	WLKR
42336	P206282	WLKR
42338	J024836	WLKR
42339	J024838	WLKR
42344	J190013	WLKR
42350C	P206613	DFLX
42355	J190025	WLKR
42356	P206345	WLKR
42377	P206305	WLKR
4239	P206410	INDIP
42400C	P206614	DFLX
4241	P207332	INDIP
42410	P207332	INDIP
	P207332	CAT
42423	P206554	WLKR
42424	P206555	WLKR
4243	P222018	INDIP
42445	P206341	SLAR
	P206341	WLKR
42447	P206304	WLKR
42448	P206302	WLKR
42449	P206303	WLKR
424504	P206346	RDRL
42451	P206280	WLKR
42452	P206281	WLKR
42453	P206283	WLKR
42455	P206553	WLKR
424760	P206519	INDIP
424857C1	M090544	NAVI
424858C1	M090544	NAVI
42492	P206552	WLKR
42500	P207329	WLKR
42500C	P206615	DFLX
425137C91	M090074	NAVI
42515	P206347	XAIR
42518	P206348	XAIR
42530	J024739	WLKR
42531	J024737	WLKR
42534	P206308	WLKR
42536	P207415	WLKR
42543	J024750	WLKR
42544	J024748	WLKR
425507C1	M090544	NAVI
42562	P216175	WLKR
42570007	P270539	AGCA
425937C1	M090074	NAVI
42594	P207419	WLKR
426428C91	M090538	NAVI
42715	P207297	WLKR
42716	P207298	WLKR
427170	M090009	CLRK
42728	M090280	CMI
42735	H001034	CMI
42746	P207667	POWER
	P207667	CMI
427470	P270530	PIE
42748	P206350	CMI
42755	H001034	CMI
42756	P207667	CMI
42758	P206282	WLKR
4276	P206519	INDIP
42760	P206280	WLKR
	P206519	INDIP
42761	P206281	WLKR
42762	M190002	CMI
42763	P207339	WLKR
42768	M120131	CMI
427704	J190004	PIE
428193	M100463	PIE
4284330	J240006	BAESYS
42855	P206286	WLKR
42856	J009560	WLKR
42857	P207329	WLKR
42858	P206347	WLKR
4288	J009487	INDIP
42880	J009487	INDIP
4289	P206385	INDIP
42891	P207282	WLKR
4291	P206512	INDIP
42910	P206512	INDIP
42936	P207330	WLKR
42937	P206345	WLKR
42938	P206408	CMI
	P206348	WLKR
42939	P207331	WLKR
42940	P206349	WLKR
42944	P207341	WLKR
42958	P270538	CMI
429619C1	M090146	NAVI
42977	P206342	CMI
42978	J028528	WLKR
42E4036	P207582	DFLX
42F400	P206616	DFLX
42P350	J009391	DFLX
42P400	P206614	DFLX
42P500	P206615	DFLX
42P50045	J009393	DFLX
42R0210060YF	P206406	HNMG
42R300	J009393	DFLX
42R350	P207581	DFLX
42R35045	P207568	DFLX
42R400	P207620	DFLX
42R40045	P207567	DFLX
42R50045	P207566	DFLX
42T400	P206617	DFLX
43012	M122300	CMI
	M122300	POWER
4302	P207362	XAIR
43020	P270543	CMI
43030	M090158	RDRL
4303076	M120365	TYLR
43036	M100213	CMI
43064	M120225	CMI
43064111	M120225	CMI
4310560	P208393	XAIR
4311460	P207288	XAIR
4311560	P207289	XAIR
43115U	M060038	NLSN
4312448	P207295	XAIR
4312460	P207290	XAIR
431256C1	M100464	NAVI
431517R91	M090544	NAVI
43171003	M140048	MJPR
4317560	P208394	XAIR
4317572	P224600	XAIR
431792C1	M100464	NAVI
43202	J034673	WLKR
43203	J034673	WLKR
4324836	X004476	BLDY
4324844	X004538	BLDY
4324851	X004478	BLDY
4324869	X004480	BLDY
4324877	X004482	BLDY
4327869	X004480	BLDY
43319	P208364	WLKR
43320	P208366	WLKR
43328	M100463	RDRL
43348	P206347	WLKR
43366	P208348	WLKR
43381	J034743	WLKR
43382	J034744	WLKR
43405	M090538	SLAR
4342589	P270536	CLRK
	P270536	CLJL
4343150	P206410	VLVO
4343154	X004482	VLVO
43438	P207340	WLKR
434836C1	M100464	NAVI
434847C1	M090535	NAVI

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Mfgs. No.	Our No.	Mfg. Code
4352	P207363	XAIR
43582	P208380	WLKR
43601	P206343	WLKR
43602	P206345	WLKR
436021401902	X004482	IRKA
43606	P208324	WLKR
436198C1	M090146	NAVI
4362138	P206614	VLVO
4362139	P270541	VLVO
43668	P207359	WLKR
43698	P207329	WLKR
43699	P207331	WLKR
43718	P208358	WLKR
43719	P208374	WLKR
437790C1	M090538	NAVI
43800135	P222755	IR
43846716	M065141	IR
	M065073	IR
43846880	M001756	IR
	M002118	IR
43849355	M001756	IR
	M002118	IR
43876716	M065141	IR
43897180	P207596	IR
43904515	P222744	IR
	P222744	VLVO
43919646	M090210	IR
439248R91	M100049	NAVI
43927623	P206325	IR
439797C1	M100052	NAVI
43B25	M045237	GRDL
440377C1	M100052	NAVI
44045	M085090	PETTI
440737C1	M085023	NAVI
44126	P207287	WLKR
44127	P207292	WLKR
44280	P206311	WLKR
442926C1	M100464	NAVI
442928C1	M090535	NAVI
442930C1	M090544	NAVI
442937C1	M100464	NAVI
44299	P207295	WLKR
44300	P207296	WLKR
44301	P207285	WLKR
44302	P206380	WLKR
444229C1	M100052	NAVI
44456	P206378	WLKR
44457	P206379	WLKR
4450	M070028	CRMY
4452	P206409	CRMY
445545L	J038611	XAIR
445545R	J038612	XAIR
44569	P206350	WLKR
44630	M070069	SLAR
44634	P206381	WLKR
44637	P206382	WLKR
44638	P206383	WLKR
44653	P206379	WLKR
44654	P206378	WLKR
44656	P207287	TRUX
	P207287	AP
44657	P206378	AP
	P206378	TRUX
44658	P207292	AP
	P207292	TRUX
446583	M100048	FMCO
44659	P206379	AP
44661	P206388	AP
44662	P207317	AP
44663	P206389	AP
44664	P207295	TRUX
	P207295	AP
44665	P206382	AP
	P206382	TRUX
44666	P207296	TRUX
	P207296	AP
44667	P206383	AP
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44668	P207320	AP
44669	P206386	AP
44670	P207321	AP
44671	P206387	AP
44682	P206377	AP
44684	P206381	AP
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447125C1	M090146	NAVI
44725	P207314	AP
44728	P206376	AP
44728Q	P206376	AP
44730	P207285	AP
	P207285	GOE
44731	P207286	TRUX
	P207286	AP
44732	P207293	AP
44734	P207318	AP
44735	P207319	AP
44736	P206380	AP
44737	P207312	AP
447662C1	M100052	NAVI
44786	P226142	AP
	P226142	TRUX
44853	P206381	AP
	P206381	TRUX
44854	P207285	TRUX
44863	P216197	TRUX
44GH96	P207667	GTMN
44J000233	J000233	PPOW
44M001505	M001505	PPOW
44M122300	M122300	PPOW
450275	H001284	CASE
	H001284	FIAT
	H001284	FMCO
	H001284	NH
450288030	X004478	PCFE
450362	H001278	FIAT
	H001278	CASE
	H001278	NH
	H001278	FMCO
450419	H001279	CASE
	H001279	FMCO
	H001279	NH
	H001279	FIAT
45066	P207288	WLKR
4507036R	M100016	DRSS
	M100016	NAVI
	M100016	FURU
4507036R1	M100016	CUCC
45074	M070068	KSHA
4509	P207365	XAIR
45110SS	J009429	HDMI
451232	P270541	MOXY
45185SS	P206540	HDMI
45190SS	J009429	HDMI
4523	P206380	NH
45233	P207290	WLKR
45247	P224710	WLKR
452508A1	J190061	MCC
453142C1	M001327	NAVI
453180C1	M090072	NAVI
45340	P208393	WLKR
454305C91	M100464	NAVI
454306R91	M090544	NAVI
45430891	M090535	NAVI
454308R91	M100464	NAVI
45564	M070008	SLAR
4571000106	M090158	IAMG
	M090158	CEDAR
	M090158	CRPD
4571000112	M065065	CEDAR
	M065065	CRPD
4571000114	M065044	CEDAR
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4571000321	P206345	CEDAR
457100114	M065044	CRPD
45726	P208388	WLKR
45727	P208394	WLKR
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	M001702	IR
459M	M100466	VCOR
	M090781	VCOR
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45A1238	M100146	FMC
	M100146	LKBT
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45PLS	J190062	ACFT
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	M065074	WLDN
4603865H1	M090544	DRSS
	M090544	KTSU
460568	J024757	WLDN
	J024757	MOB
460742000	P270540	TRJN
460C119	P206850	CASE
460C129	P207367	SIGM
	P207367	CASE
460V6301	M100146	KOEH
461091900	P270538	TRJN
462513C91	M090544	NAVI
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46300CP	P206608	DFLX
46300Z	P206600	DFLX
463026C1	M090544	NAVI
46346	P206410	HAWK
46350	P206609	DFLX
46350CP	P206609	DFLX
46350Z	P206601	DFLX
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463765C1	M090170	CUCC
	M090170	NAVI
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46400CP	P206610	DFLX
46400Z	P206602	DFLX
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464643C1	M085023	NAVI
46483200	P270540	DRBG
46484400	H001035	DRBG
46484500	M001504	DRBG
46485200	P208392	DRBG
46485300	P206411	DRBG
46486400	P270541	DRBG
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46500CP	P206611	DFLX
46500Z	P206603	DFLX
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46600Z	P207596	DFLX
46634150	M065073	IR
46651026	M100463	RSNBCS
46651029	M120108	RSNBCS
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46651050	M100463	RSNBCS
46652000	M090544	RSNBCS
46653350	M120100	TREX
	M120100	RSNBCS
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46665250	M070008	RSNBCS
46665770	M120154	RSNBCS
46665796	M090535	RSNBCS
46665797	M090009	RSNBCS
46665797M	M090009	RSNBCS
46665799	M090072	RSNBCS
466817C1	M090170	NAVI
466984C1	M085023	NAVI
466984C91	M085023	NAVI
467364C1	M100464	NAVI
467614C1	M090170	NAVI
46778	P207289	WLKR
469801C1	M090535	NAVI
46A1020	M085056	FMC
	M085056	LKBT
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46G350	P206601	DFLX
46G400	P206602	DFLX
46G500	P206603	DFLX
46G600	P207596	DFLX
46U303	M065074	MOB
	M065074	WLDN
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470837C91	X004478	NAVI
470838C91	X004480	NAVI
470839C91	X004482	NAVI
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47129002063260	P206326	SUSN
47129002066000	P206600	SUSN
47129002066020	P206602	SUSN
471382C1	M085023	NAVI
47150	P222748	DFLX
47200	P206403	DFLX
47225	P206404	DFLX
4724170	P206542	GRVE
47250	P206405	DFLX
47275	P206406	DFLX
47300	J000227	DFLX
47350	J000228	DFLX
47400	J000230	DFLX
474403	P208330	MOB
47450	J000231	DFLX
47500	J000232	DFLX
475354C1	M100463	NAVI
47600	J000233	DFLX
476349C91	J009606	NAVI
476663	M045193	MOB
47786B	M090544	OKSH
47786BX	M090544	OKSH
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47978	P206333	WLKR
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47996	P206333	WLKR
47A0978	M090301	FMC
	M090301	LKBT
47A978	M090301	FMC
47DG200	P206403	DFLX
47DG250	P206405	DFLX
47DG300	P206407	DFLX
47DG350	P206409	DFLX
47DG400	P206410	DFLX
47DG500	P206411	DFLX
47DG600	P207667	DFLX
47G200	P206403	DFLX
47G225	P206404	DFLX
47G250	P206405	DFLX
47G300	P206407	DFLX
47G350	P206409	DFLX
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47G500	P206411	DFLX
47G500CP	J009487	DFLX
47G600	P207667	DFLX
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4812727C2	M090547	NAVI
481445C2	M090548	NAVI
481727C2	M090547	NAVI
482167C1	M090520	NAVI
482739C91	X004476	NAVI
482894C1	M120365	NAVI
48450275	H001284	FMCO
	H001284	CASE
	H001284	NH
	H001284	FIAT
48450419	H001279	FIAT
	H001279	FMCO
	H001279	NH
	H001279	CASE
48488SC1	M090538	NAVI
485123C91	X004478	NAVI
485124C91	J009604	NAVI
485934C1	M100465	NAVI
486089C1	M100463	NAVI
486109R91	M100465	NAVI
486110C1	M100465	NAVI
486118C1	M100465	NAVI
48756	P270536	CRMY
488710C2	M085189	NAVI
489737C91	X004476	NAVI
489790C91	X004537	NAVI
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48BM5120	P206369	AA
48BM5121	P207364	AA
48BM5122	P206326	AA
48BM5123	M100048	AA
48C300	P206523	DFLX
48C350	P206524	DFLX
48C400	P206525	DFLX
48C500	P206526	DFLX
48C600	P206515	DFLX
48CH300	P206523	DFLX
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48CH400	P206525	DFLX
48CH500	P206526	DFLX
48G200	J009633	DFLX
48RU2341	J009614	MACK
49006	P206331	WLKR
49008	P206333	WLKR
49009	J000127	WLKR
49010	P206334	WLKR
49011	P206335	WLKR
49012	P206336	WLKR
49014271	M090544	WSTI
	M090544	VLVO
49014272	M100464	VLVO
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49016	P206331	WLKR
49024	P206331	WLKR
49026	P206333	WLKR
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49028	P226140	WLKR

Mfgs. No.	Our No.	Mfg. Code
49029	P226141	WLKR
49030	P226142	WLKR
49031	P226143	WLKR
49032	P226144	WLKR
49032190	M120176	WGMC
49033	P226145	WLKR
49033350	M090535	VLVO
49034	P226146	WLKR
49034037	M120131	WGMC
	M120131	WSTI
49034554	M090535	VLVO
49035	P226147	WLKR
49036	P226150	WLKR
49037185	M100464	WSTI
	M100464	WGMC
49037199	M090535	VLVO
49037885	M120154	WSTI
	M120154	VLVO
49039302	M090072	WGMC
49039303	M100463	VLVO
	M100463	WSTI
	M100463	WGMC
49039309	M100465	VLVO
49041	P206334	WLKR
49042	P226148	WLKR
49043	P206331	WLKR
49043656	M090535	VLVO
49044	P226152	WLKR
49044073	M100465	WSTI
	M100465	WGMC
49044082	M080024	VLVO
	M080024	WSTI
49044343	M100463	WSTI
	M100463	VLVO
49045022	M100465	VLVO
	M100465	WSTI
49047	P226140	WLKR
49049	P206333	WLKR
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49051	P206334	WLKR
49052	P206336	WLKR
49056	P206337	WLKR
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4910020	P226151	ELGN
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49150A	M090091	NLSN
49159	P206334	WLKR
49160A	M100016	NLSN
49161	P206336	WLKR
49162	P206337	WLKR
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49540	M090538	SLAR
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496696	M090091	FWD
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	M060005	DRSS
49786	X004537	SLAR
49787	X004476	SLAR
499373	P207326	CMWK
499495C1	M100464	NAVI
499528C1	M085023	NAVI
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4PS4174	M120100	CHLN
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50000971	P207394	CUMS
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500873C91	M100463	NAVI
5009617	P206407	ELGN
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	P206337	AP
500S1016	P224687	TRUX
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	M060158	TYMC
5010051666	P270543	RVI
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50100S	P226147	ACFT
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501152	P206400	DMT
501153	P206341	DMT
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501170	M100043	TMRK
501251	P270539	TMRK
501252	P206602	TMRK
501254	P206315	TMRK
501258	M001702	TMRK
501259	M001503	TMRK
5012654	X004482	NABI
5012S	J240007	ACFT
5013708	X006203	IRKA
	X006203	NABI
5014439	M120189	NABI
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501463C1	M100463	NAVI
501464C1	M100465	NAVI
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	M120176	SLVN
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501878533	M085207	PALA
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	P206309	VOEG
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502494	P206362	IR
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502527	P270536	IR
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50266964	M085056	IR
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502879	P270543	TMRK
502882	P207667	TMRK
502997	P208328	IR
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5030S	J024838	ACFT
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504959C91	J009604	NAVI
504960C91	J009605	NAVI
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	M090520	GASP
505533	X006203	VOEG
50579085	M090170	IR
505881	M100048	DRDT
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	P216197	VOEG
505898	P207419	GASP
	P207419	VOEG
505899	P207596	GASP
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506960	P207341	GASP
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	M060158	OTWA
	M060158	TDYN
507120	M060251	OTWA
507122	M045193	PDEL
507218	M045193	PDEL
	M045193	TDYN
508223	X004962	VOEG
508420	M090158	DRDT
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508708	M085023	WGMC
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508795C91	X007830	NAVI
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508798C91	X007785	NAVI
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50CS136C	P216204	ACFT
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50CS148C	P207321	PACC
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50EL90122C	J190004	ACFT
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50MS248C	P216228	ACFT
50MS260C	J540008	ACFT
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50PLS	J009624	ACFT
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50RCZ	P270541	ACFT
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50TQ400AZ	J009606	DFLX
50TQ500AZ	J009607	DFLX
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50TS118C	P207309	ACFT
50TS200	X004536	DFLX
50TS218A	P208392	ACFT
50TS218C	P206385	ACFT
50TS225	X004537	DFLX
50TS250	X004476	DFLX
50TS275	X004538	DFLX
50TS300	X004478	DFLX
50TS350	X004480	DFLX
50TS400	X004482	DFLX
50TS400AZ	X006203	DFLX
50TS450	X004962	DFLX
50TS500	X004484	DFLX
50TS600	X004539	DFLX
50X40R105A	P206323	ACFT
50X40R306A	P206317	ACFT
50X40R405A	P206328	ACFT
50YTUBE	J092689	ACFT
5100006	P206334	TIPP
51008	P207667	WILM
510112	P222748	ARV
5102	M090544	TBCR
510205	X004536	MRMT
	X004536	MARE
510205CQ	X004536	MARWIL
510230	X004537	MRMT
	X004537	MARE
510230CQ	X004537	MARWIL
510234	J000224	ARV
510255	X004476	MRMT
	X004476	MARE
510255CQ	X004476	MARWIL
510270	J009612	ARV
510280	X004538	ARV
	X004538	MRMT
	X004538	MARE
510280CQ	X004538	MARWIL
510295	J009611	ARV

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Mfgs. No.	Our No.	Mfg. Code
510300	J000227	ARV
510305	X004478	MRMT
	X004478	MARE
510305CQ	X004478	MARWIL
510312	J000228	ARV
510355	X006204	MRMT
	X006204	MARE
510355CQ	X006204	MARE
	X006204	MARWIL
510370	P206605	ARV
5103700	M100146	GRDL
510400	J000230	ARV
510405	X006203	MARE
	X006203	MRMT
510405CQ	X006203	MARWIL
510505	X006202	MRMT
	X006202	MARE
510505CQ	X006202	MARWIL
5107090	M070069	JOY
51087850011	M120365	SLVN
510998	M001502	TMRK
510CP	P206512	HDMI
5110	M085171	TBCR
511196	M065034	AGEM
5112	M100465	TBCR
51200	P226148	DFLX
5122291	M100465	BLDY
512293C1	M065065	NAVI
51250	P226149	DFLX
512736	M120100	BRWY
5128503	H001279	FIAT
	H001279	NH
	H001279	HTHI
	H001279	CASE
51299832	M100146	IR
51300	P226140	DFLX
51300002	P206311	IR
51300010	P206410	IR
51300622	P206336	IR
51350	P226154	DFLX
5136151	M080019	ALSN
	M080019	DD
513624	M001703	TMRK
51400	P226155	DFLX
5140018	J024754	DFLX
5140024	J024835	DFLX
5140036	J034743	DFLX
514061	M090544	AGEM
514228	M085078	AGEM
514312	P206509	VOEG
514313	P206543	VOEG
514347	X004482	AGEM
514354	X004538	AGEM
514643C1	M085008	NAVI
51500	P226157	DFLX
5150018	J024755	DFLX
5150024	J024837	DFLX
5150036	J034744	DFLX
51503	M170101	URIG
5157178	M060232	EATN
515717800	M060232	NACO
51608123	X007785	IR
51608131	P207331	IR
51608149	P270541	IR
51616795	P207364	IR
51616803	P270539	IR
516637	X006202	AGEM
517200	J000220	ARV
517212	J000221	ARV
517214	J000222	ARV
517234	J000224	ARV
5179	P206382	NH
5179058	M090009	GM
	M090009	ALSN
5179206	M070008	ALSN
	M070008	GM
518101	P206515	TDYN
518110	M060483	PDEL
5181515	M060005	GM
519020014	M170101	JOY
519020018	M045237	SLVN
	M045237	JOY
519058	M120131	WGMC
5191020001	M070028	SLVN
5191021	M070008	JOY
51910213	M065065	JOY
51910214	M170101	JOY
51910218	M045237	JOY
5191025	P206406	SLVN
5192730004	M070068	SLVN
5192734	M070068	SLVN
5194700003	P206407	SLVN
5194700004	P206410	SLVN
5194700012	P206411	SLVN
5194700014	P206409	SLVN
51947012	P206411	SLVN
51947014	P206409	SLVN
5194705	P206406	SLVN
519514	P207362	AGEM
5195718	P206334	FMC
5198459	P207362	FMC
51986	M060005	KTSU
	M060005	DRSS
	M060005	INSY
5198667	P207364	FMC
5198679	P206606	FMC
51F500126	P224481	DFLX
520197	M065065	INSY
	M065065	BADG
520198	M065034	INSY
520208	M070008	INSY
520255740	M090091	CANF
52032	M100146	WIRG
520325	M080018	INSY
520328	M090074	INSY
520330	M120131	INSY
520331	M090158	INSY
	M090158	BADG
520333	M100463	BADG
	M100463	INSY
520340	M100048	INSY
520371	M120100	BADG
	M120100	INSY
520372	M120108	INSY
520373	M080024	INSY
520376	M085008	INSY
520379	M085023	INSY
520541C1	M090280	NAVI
52058	P207341	WLKR
5205875	P270539	CLRK
52069	P206547	WLKR
5208	M085008	TBCR
5209070	M080018	CASE
52092301	P206400	IR
5209443	P207282	ECLD
5209756	M090158	VLVO
	M090158	ECLD
	M090158	CLRK
52097862	P206344	IR
52119	P206346	WLKR
52128	J024835	WLKR
52129	J024837	WLKR
521344	P206508	AGEM
52135	P206400	WLKR
52154432	X004482	IR
52154440	X004484	IR
52154457	X004539	IR
52154465	X004962	IR
52167400	X004478	IR
52188	P207353	WIRG
52189	P270539	WIRG
5219802	M065034	CASE
5220817	M085023	CASE
5222578	M120154	CASE
52266152	M170101	IR
522726	P206409	AGEM
522729	M001503	AGEM
52284072	P207332	IR
523254616	M085023	CANF
523269968	M100463	CANF
523273707	M100146	CANF
523665	M060037	STIL
523719C1	M100464	NAVI
524258	M001566	AGEM
525	M085189	GRMC
52500389	M090301	BAKO
527121D1	J240007	AGEM
527122D1	P224481	AGEM
527123D1	P206555	AGCO
	P206555	AGEM
527124D1	J024755	AGEM
527224	M090158	SLAR
527766	X004484	MOGU
528905	M090544	BRWY
52892	M100463	URIG
5292627	M090170	CLRK
5294858	X004476	ECLD
	X004476	CLRK
	X004476	CLJL
5294859	X004482	ECLD
	X004482	CLRK
	X004482	CLJL
5300248002	M120100	GILB
5300248004	M120108	GILB
5300248006	M100043	GILB
5300423	M002119	MOB
5301	M090538	TBCR
53017	J038612	WLKR
53018	J038611	WLKR
5302	M120100	TBCR
5302277	M120154	GILB
5302277000	M120154	GILB
5302322001	X004484	GILB
5302322002	X004482	GILB
5302322003	X004538	GILB
5302322004	X004478	GILB
53023222	X004482	GILB
5303	M120365	TBCR
530372	M120225	BADG
5307171	M120365	GILB
5307171000	M120365	GILB
53094	P206345	WLKR
5311178000	M120189	GILB
53117778	M085008	WGMC
531815R1	M065030	FURU
	M065030	CASE
	M065030	KTSU
	M065030	DRSS
532124C1	M120365	NAVI
532347R91	M090544	NAVI
53247C91	M090544	NAVI
53250	P226152	DFLX
532503	M070028	ECLD
53258B	M090535	OKSH
53258BX	M090535	OKSH
53259B	M090535	OKSH
532603	M070028	ECLD
	M070028	CLRK
5326522011	P213191	GILB
53300	P226144	DFLX
5330012	J240003	DFLX
5330018	P206552	DFLX
5330024	J240004	DFLX
5331000013	M100146	TREX
533205M1	M060037	AGCO
	M060037	MF
53333	M070008	KTSU
53350	P226145	DFLX
5335012	J240005	DFLX
5335018	P206553	DFLX
5335024	J024850	DFLX
53350600	M002118	PALA
533938	M090544	FWD
53400	P226156	DFLX
5340012	J240006	DFLX
5340018	P206554	DFLX
5340024	J024836	DFLX
5340036	J034673	DFLX
534948	M090146	TMTR
53500	P226158	DFLX
5350012	J240007	DFLX
53500139	M085056	BAKO
53500179	M090170	ROSS
	M090170	BAKO
5350018	P206555	DFLX
53500192	M070008	BAKO
5350024	J024838	DFLX
53500308	P206410	BAKO
5350036	J034674	DFLX
53500370	P206346	BAKO
53500374	M100146	BAKO
53500389	M090301	BAKO
53500420	M120225	BAKO
53500440	M100213	BAKO
53500464	M070069	BAKO
53500495	M080024	PETTI
	M080024	BAKO
53501016	M085090	PETTI
	M085090	BAKO
53501019	M100043	BAKO
53501057	M120131	BAKO
53501063	M065044	PETTI
53501457	P206340	BAKO
53504057	M120131	BAKO
53505476	M085207	BAKO
53505478	P206280	BAKO
53505566	M100049	BAKO
53506181	P207283	BAKO
535501D1	M002117	AGEM
535502D1	M002120	AGEM
535671	M100464	BRWY
5360018	P206556	DFLX
5369070	M070008	MNTW
5369120	M090009	MTWC
	M090009	MNTW
	M090009	GRVE
536917	M120100	MNTW
5369170	M120100	MNTW
5369220	M080024	MNTW
536933	M070050	MNTW
5369330	M070050	MNTW
	M070050	GRVE
536951	X004476	DAEW
	X004476	SCHAE
	X004476	NOBEL
	X004476	TIM
	X004476	CAT
536954	M120108	MNTW
5369540	M120100	MNTW
	M120108	GRVE
	M120108	MTWC
5369600	M100043	MNTW
536961	M090158	MNTW
5369610	M090158	MNTW
5369670	M120748	GRVE
	M120748	MNTW
536968	M190002	MNTW
5369680	M190002	MNTW
536969	M100463	MNTW
5369690	M100463	MNTW
536975	M120235	MNTW
5369750	M120235	MTWC
	M120235	MNTW
	M120235	GRVE
5369770	M100048	MNTW
5369790	M100463	MTWC
	M100463	MNTW
5369860	P206512	MNTW
5369880	M090544	MNTW
537145D1	P224617	AGEM
53753	H001034	CRMY
537890	M120108	WGMC
53793	P206304	CRMY
538454	P270534	XMN
	P270534	AMC
5384540	P270534	CLJL
538885	X004480	CAT
	X004480	MBSI
	X004480	TIM
539583	M120100	WGMC
539585	M120100	WGMC
540008	J540008	AP
540012	M085080	MOCH
	M085080	PRVT
	M085080	MTRC
5401	M100049	TBCR
540729403	M085080	EINT
54128	P224711	TRUX
541362	M100464	BRWY
541565	M090362	CAT
	M090362	BLNT
541821	P270539	CAT
	P270539	BLNT
542125	P207282	BLNT
	P207282	CAT
542199243	P206339	ELECT
5430008118	M080024	RVI
5430018S	P206544	DFLX
5430059046	X004482	RVI
5430114473	M100213	RVI
5430114924	X005207	RVI
5430114926	P270541	RVI
5430119091	M100464	RVI
5430127346	X004484	RVI
5430127348	M100463	RVI
5430127349	M090091	RVI
5430127350	P206365	RVI
5450018S	P206547	DFLX
5454	M060037	HARL
545546	M090074	CLRK
54713	P207299	AP
54714	P207300	AP
54715	P206390	AP
54716	P206391	AP
54718	P208393	AP
54719	P207288	AP
54720	P207289	AP
	P207289	TRUX
54721	P207290	TRUX
	P207290	AP
54722	P207302	TRUX
54723	P207301	AP
54724	P207302	AP

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Mfgs. No.	Our No.	Mfg. Code
54725	P208388	AP
	P208388	TRUX
54726	P208394	AP
	P208394	TRUX
54727	P208389	AP
54728	P208395	AP
547379C1	M120176	CUCC
54764105	M100016	IR
54826	M090280	ECS
548287C1	M100463	NAVI
54831	J034744	TRUX
548450	P206372	ARV
	P206372	MRMT
548540	M085171	JHEI
548804C1	M090548	NAVI
54906B	M090544	OKSH
549340	M120108	WGMC
54945	M090544	JHEI
549464C1	M060232	CUCC
	M060232	NAVI
549465C1	M065065	CUCC
	M065065	NAVI
549468C1	M085008	CUCC
549469C1	M085023	NAVI
	M085023	CUCC
549470C1	M085023	NAVI
549471C1	M100043	CUCC
549472C1	M100048	CUCC
549475C1	M090158	CUCC
549479C1	M120176	CUCC
549480C1	M120189	CUCC
549483C1	M100464	NAVI
549511C91	X004539	NAVI
549555C91	X004476	NAVI
	X004476	CUCC
	X004476	FURU
	X004476	DRSS
549556C91	X004478	CUCC
	X004478	FURU
	X004478	DRSS
	X004478	NAVI
549557C91	X004480	FURU
	X004480	DRSS
	X004480	CUCC
	X004480	NAVI
549558C91	X004482	DRSS
	X004482	FURU
	X004482	NAVI
	X004482	KTSU
	X004482	CUCC
549559C91	X004484	DRSS
	X004484	NAVI
	X004484	FURU
549563C91	X004536	DRSS
	X004536	FURU
	X004536	NAVI
549564C91	X004537	DRSS
	X004537	CUCC
	X004537	NAVI
	X004537	FURU
549565C91	X004538	NAVI
	X004538	FURU
	X004538	DRSS
549611C91	X004539	DRSS
	X004539	FURU
	X004539	NAVI
54962	M090544	FWD
54984	P206390	TRUX
54985	P208393	TRUX
54991	P207288	TRUX
54993	P224710	TRUX
54CP	P206508	HDMI
550038022	M070068	CMCO
550038023	M085090	CMCO
550038382	M100146	CMCO
55006	P226142	WLKR
55016620	X004482	TMRK
5504	M170101	CYPR
55049	M080024	PTBN
55098	P270541	CRMY
551032	M120108	JHEI
551045	M100465	XAIR
	M100465	JHEI
5510M	M100465	VCOR
55132	P206403	CRMY
55133	P207333	CRMY
55134	P206328	CRMY
552046608	P270541	LEBR
	P270541	ENMT
5520476	P270540	ENMT
	P270540	LEBR
552047608	P270540	ENMT
	P270540	LEBR
552070714	H001039	LEBR
	H001039	ENMT
552596	P206309	CMPR
	P206309	LROI
5525961	P206301	LROI
	P206301	CMPR
5529992000	P207366	GILB
55336	P206410	FNEQ
553832	M100146	CMCO
5540004200	X004539	ATCO
	X004539	WGNR
5540175500	M122300	ATCO
	M122300	WGNR
5540210200	P206607	WGNR
	P206607	ATCO
5540483400	X004962	ATCO
	X004962	WGNR
5541095600	P206606	ATCO
5541602	M085056	CMCO
5541746600	P206314	ATCO
5542	X004537	CRAN
5542015000	P206328	ATCO
5545	X004478	CRAN
5546	X004480	CRAN
5547	X004482	CRAN
5550035	X004536	OMNI
	X004536	COMPAC
555005016001	P206555	CMI
555005018000	P207283	CMI
55528	M090595	JHEI
5554373	X007829	SNKL
5557	P206607	CRAN
555M045193	M045193	ALMD
557686	M100463	VLVO
55945	M090535	JHEI
559903	P206410	AGEM
55CP	P206509	HDMI
5605586	M120131	ENMT
	M120131	LEBR
5606629	M120176	LEBR
	M120176	ENMT
56109	H001035	VLVO
	H001035	CRMY
5611585	X004482	ENMT
	X004482	LEBR
563023	P270536	CAT
	P270536	BLNT
563109	P206407	CAT
	P206407	OMML
	P206407	BLNT
565231	M120131	WGMC
565243	P206410	OMML
	P206410	BLNT
5652480	P206385	MNTW
565477	M065071	BLNT
	M065071	CAT
565478	P270534	CAT
	P270534	BLNT
5672	P206546	CNLC
56774953	M120197	IR
56776198	M120100	IR
56778699	X004482	IR
56785983	P206410	IR
56793318	P206345	IR
56897978	M120225	IR
56927973	P270541	IR
56936396	M170101	IR
5695144	P206508	XAIR
56951510	P206512	XAIR
56951585	P206510	XAIR
5695159	P206511	XAIR
	P206511	ECS
569818	P206641	XAIR
56CP	P224492	HDMI
57031403	M090535	IR
57037558	M100465	IR
57049116	P206339	IR
57165268	X007784	IR
57165276	X007785	IR
5717377	P206378	FIVE
57200B	M090146	OKSH
57200BX	M090146	OKSH
57201B	M070028	OKSH
5720341	M065071	FIVE
	M065071	ATHEY
5720547	P207347	ELGN
5721119	P207333	ELGN
5721121	P270532	ELGN
57284	J000202	CRMY
57285	J000203	CRMY
57304743	P206280	IR
5733008	P206407	KOEH
5735602	P207326	KOEH
5735603	P207326	KOEH
574554401	M085411	ELECT
574554601	P206408	ELECT
574554801	P207362	ELECT
574594701	M002119	ELECT
575480	P206543	ECS
578068C1	M090563	NAVI
579513	P206542	XAIR
579711	X005207	XAIR
57991408	J190003	IR
57991416	J009645	IR
57A0936	M100466	FMC
	M100466	LKBT
580136	H001279	HDMA
58167925	M100463	IR
58173378	X004484	IR
58173386	P206411	IR
58195751	P207322	EIMC
58195777	P206507	EIMC
58198235	M100213	IR
582122C1	M090781	NAVI
582123C1	M090781	NAVI
58259321	P207355	IR
58259329	P207341	IR
5826466	X004480	GRDR
	X004480	GRDL
5826861	M120365	GRDL
5826864	M120225	GRDL
5827462	M090158	GRDL
5829628	M120108	GRDL
583200338	M080024	CETCO
583964C91	X004537	NAVI
583965C91	X004476	NAVI
583966C91	X004538	NAVI
583967C91	X004478	NAVI
583968C91	X004480	NAVI
583969C91	X004482	NAVI
583975C91	J009604	NAVI
583977C91	J009605	NAVI
583978C91	J009606	NAVI
5840015	M090535	GRDL
584173C1	M090781	NAVI
585171	M085171	JHEI
585CP	P206510	HDMI
586606C1	M100465	NAVI
586607C1	M100465	NAVI
58711B	M080024	KTSU
58861444	M090598	IR
	M090598	VLVO
	M090598	ABG
58877952	J009606	VLVO
	J009606	IR
588897896	M085023	UNCT
588897898	X007830	UNCT
588897899	P206407	UNCT
58932450	P206603	IR
58933623	M085056	SKYJ
	M085056	IR
58933631	P206340	IR
59075CP	P206511	HDMI
590CP	P206511	HDMI
5910121	M045193	KOEH
59137851	P206600	IR
	P206600	SKYJ
59157701	P206324	IR
59189100	M085090	IR
5931173	X004484	AMEC
5931174	X004482	AMEC
593120081	M001327	KTSU
	M001327	CETCO
593121085	P224617	CETCO
	P224617	KTSU
5931971	X004480	AMEC
59372599	P207281	IR
59372615	P206409	IR
594070	M085056	GTMN
594270	P206374	GTMN
594271	P206410	GTMN
594308	P206370	GTMN
594309	P206322	GTMN
594317	P206282	GTMN
594329	P207326	GTMN
59450254	M060055	SKYJ
	M060055	IR
59450262	M065034	IR
	M065034	VLVO
59456103	P206406	IR
594610	X004478	GTMN
594647	P207362	GTMN
594979	M060055	GTMN
59512814	M080018	IR
595182	M085207	GTMN
595234	M100146	GTMN
59534321	M085008	IR
59536524	M090159	IR
59548594	M045193	IR
	M045193	VLVO
595707M91	M090091	AGCO
59595	P270540	GEHL
	P270540	GNRC
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59626663	M080024	IR
59626671	M070068	IR
	M070068	VLVO
59656553	M060037	IR
59700534	M120108	IR
597126	M120131	EMOI
597256	M120225	EMOI
597286	M120225	EMOI
59801860	H001039	IR
5987323	M090074	AMEC
59902	P270536	GNRC
59939	P270533	GNRC
59940	P270538	GNRC
59A2283	P206311	LKBT
	P206311	FMC
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	P206309	CAT
5E7868	P270535	CAT
	P270535	TIM
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	M090595	ECS
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	M120108	RCHD
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	P270540	TIM
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5Q7626	P270536	CAT
	P270536	TIM
5Q8753	M100572	CAT
5Q8788	P206327	CAT
5XA601	M085208	COUG
5XA605	P270536	COUG

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6000580011	P270543	VMER
600103001	X006202	VMER
6001030011	X006202	VMER
6002355	M100048	CLRK
60026	M065044	GRST
	M065044	HRCN
6003255	M100464	CLRK
6006049	M090072	CLRK
	M090072	VME
60090ETR	P207366	AJMC
60094217	M085090	BROD
60094381	M045237	BROD
60094406	M080018	BROD
60094519	M090301	BROD
60094542	P224669	BROD
600A1016	P206338	AP
	P206338	TRUX
600C1016	P206338	AP
	P206338	TRUX
6010469	M085056	ECLD
	M085056	SISU
	M085056	VALM
601354	P270538	Marine
601355	M090158	Marine
601356	P270538	Marine
602499001	P207332	VMER
6024990011	P207332	VMER
602588	P270534	Marine
602616	M065044	Marine
6031328	M100146	DUHR
603165	P270539	Marine
603923001	M001503	VMER
603924001	M001505	VMER
6039240011	M001505	VMER
604129	P207362	MTWC
604470	P206372	GTMN
604476	P206321	GTMN
604477	P206345	GTMN
604534	P206341	GTMN
604631	P270541	Marine
604809	P206397	GTMN

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
604964	X004536	GTMN
604965	P206306	GTMN
604966	M045237	GTMN
605042	P207364	GTMN
605091	P207324	GTMN
605323	M065044	GTMN
605337	P206328	GTMN
605338	M065034	GTMN
605358	P206308	GTMN
605405	M090544	AGEM
605409	P206410	AGEM
605441	P206407	AGEM
605457	P206319	GTMN
605477	J009640	GTMN
606740	P226149	Marine
606T122	M065071	FMCO
60857703	M085078	LEAR
60901	M060232	RKRM
60BM1357	P270541	AA
60EST	J000218	ACFT
60FBC	P207598	ACFT
60FBZ	P207596	ACFT
60GZ	P207667	ACFT
60PLA	J190055	ACFT
60PLS	J190063	ACFT
60RCZ	P270543	ACFT
60STA120	P206338	ACFT
60X50CS148C	P207321	PACC
60X50CS160C	P207302	PACC
60X50CS196C	P209910	PACC
60X50CS248C	P206387	PACC
60X50CS260C	P208395	PACC
60X50R106A	P207402	ACFT
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6100481	P206282	TIPP
61192	P270531	GNRC
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61240011	M110674	NAVI
	M110674	FRTL
	M110674	TBBI
61240015	M085171	TBBI
61240016	M085078	TBBI
61240169	M120713	TBBI
61240385	P206311	TBBI
61250	X004476	TBCR
61275	X004538	TBCR
61300	X004478	TBCR
61350	X004480	TBCR
61400	X004482	TBCR
614042724	P226152	CAM
	P226152	PRIN
61500	X004484	TBCR
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61574	P206338	HRCN
61599	P207408	HRCN
61600	X009076	HRCN
	X004539	TBCR
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	M100572	ATHEY
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	M085023	ELGN
6202245	M060037	FMC
62027	M065030	HRCN
6202728	M065030	FMC
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6203000013	M090595	MLS
6203577	P270536	ELGN
6206115910	X007829	KTSU
62104449200	P206603	KOEH
6210451550	M120365	NWEG
62104524	M090009	NWEG
62104526	M090091	NWEG
62104527	M100016	NWEG
62104543	M120225	NWEG
6211458	P206519	FMC
62169	M065030	HRCN
62182	M080018	HRCN
62183	M070068	HRCN
6222668	P207389	LNDL
622362	P207341	EMOI
62244	J190058	HRCN
6224934	M065073	LNDL
6230	P206600	XAIR
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	M120131	VME
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6235	P206601	XAIR
623631226X1	P270538	FURU
	P270538	DRSS
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6260	P207596	XAIR
62712	J190042	HRCN
6299	J190014	NH
62W2269	M090159	KOOT
62W9012	M080018	KOOT
6300	P207363	NH
631204500	X004482	VH
631204510	J024836	VH
6317331	P206328	NABI
6320	J000220	XAIR
63229	M120418	HRCN
63238	M060037	WKSA
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6330	J000227	XAIR
6335	J000228	XAIR
63361	P270838	CRAN
6340	J000230	XAIR
63407	P206369	HRCN
63462	P207355	HRCN
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	P206374	HRCN
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	P206556	MH
	P206556	DMAG
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	X004539	KTSU
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640008	P224600	AP
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	P206408	TMRK
	P206408	SDVK
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	X004478	SDVK
64106591	X004539	EIMC
	X004539	SDVK
	X004539	TMRK
64106592	X007785	TMRK
	X007785	EIMC
64106599	X004480	SDVK
	X004480	EIMC
64106926	X004482	EIMC
	X004482	SDVK
	X004482	TMRK
64108268	P206411	SDVK
	P206411	EIMC
	P206411	TMRK
64116798	P206407	EIMC
64116949	P206410	TMRK
	P206410	SDVK
	P206410	EIMC
64118734	P206603	SDVK
	P206603	EIMC
	P206603	TMRK
64119242	P206347	EIMC
642050	M065030	FWD
6426225	X004482	LEBR
6426229	X004484	LEBR
6426600	M070068	LEBR
6427162	X004480	LEBR
64400606	P207667	EIMC
64544223	P206407	SDVK
	P206407	EIMC
64558024	M090091	SDVK
64572841	M045237	SDVK
64673	P216202	TRUX
64804136	M100146	EIMC
64804786	M065071	EIMC
64806596	M080018	EIMC
	M080018	SDVK
648808	X004536	MCHC
648810	X004537	MCHC
648812	X004476	MCHC
648814	X004538	MCHC
648816	X004478	MCHC
648820	X004482	MCHC
648822	X004484	MCHC
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64956	P206317	HRCN
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65119192	M060037	CLJL
	M060037	CLRK
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651567	P206280	LROI
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651570	P207362	LROI
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651575	P207366	LROI
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651581	P207408	CMPR
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651997	M100049	GM
652468	P207365	LROI
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652469	P207283	CMPR
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652474	P206346	CMPR
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652475	P207282	CMPR
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652490	P206344	LROI
652491	P206362	LROI
6524911	P206361	LROI
	P206361	CMPR
652492	P206554	LROI
652493	P206326	CMPR
	P206326	LROI
652504	P207322	LROI
652535	P207341	LROI
	P207341	CMPR
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6535	P206409	XAIR
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6550	P206411	XAIR
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657600011	P208338	VMER
65805	P270541	GNRC
65806	P270543	GNRC
65901	M065065	RKRM
660098	M120100	GM
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66225	X004537	XAIR
66250	X004476	JHEI
	X004476	XAIR
66275	X004538	JHEI
	X004538	XAIR
66300	X004478	XAIR
	X004478	JHEI
663283	M090074	GM
6633766	P270532	CLRK
66350	X004480	TESSI
	X004480	XAIR
	X004480	JHEI
66362	X007829	NOBEL
	X007829	SCHAE
66400	X004482	TESSI
	X004482	JHEI
	X004482	XAIR
66496	P207362	TYLE
66500	X004484	XAIR
	X004484	JHEI
	X004484	TESSI
66500F	X007785	JHEI
66600	X004539	TESSI
	X004539	XAIR
	X004539	JHEI
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66U13753	X004478	TCLD
	X004478	CALD
66U1375301	X004536	TCLD
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66U21491	M045237	CALD
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671733	M120225	TMRK
67362	M080024	ATHP
67496	M060158	WLDN
6751378	M120100	AMLF
676533	M100464	GM
6772134	X004480	VLVO
6772734	X004480	VME
	X004480	VLVO
	X004480	ECLD
6779670	X004478	ECLD
	X004478	VME
	X004478	VLVO
680013	M070008	NAVI
680033	M070050	NAVI
68010	M100464	NAVI
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680401	M100048	TMTR
680402	M120100	TMTR
6804900201	M110148	MERS
	M110148	FRTL
6804900401	M110112	MERS
68106374	P207596	TMRK
	P207596	SDVK
	P207596	EIMC
6811502	M080018	CDIV
6811503	P206600	CDIV
68122680	P226140	EIMC
68122681	X004478	SDVK
6814910400	M120448	MERS
	M120448	FRTL
	M120448	CAT
6814910700	M120450	MERS
	M120450	WSTI
	M120450	CAT
6815	M090009	NAVI
682684	P270538	TMRK
685217	M090544	GM
685350L1	M100049	DREO
685478	M100213	TMRK
685703L1	M120100	DREO
685946	M101182	EMOI
686072	P206603	TMRK
686082	P270541	TMRK
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686424	M090074	U C
687820	P206283	U C
687824	P206312	U C
687828	P206344	U C
687832	P206348	U C
687836	P206407	U C
687840	P206410	U C
687844	P206411	U C
687860	P206602	U C
687864	P206850	U C
687868	P207361	U C
687876	P207596	U C
687884	P208393	U C
687888	P206603	U C
688557	M090301	TMRK
689132	X004484	U C
689136	X004536	U C
689164	X006202	U C
689168	X004484	U C
689172	X004539	U C
689176	X006203	U C
69000400	P206849	EIMC
69008773	X004537	SDVK
	X004537	TMRK
69008774	M170101	EIMC
69008926	P222751	SDVK
69013569	X004476	EIMC
69015849	X004536	EIMC
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	P207366	SDVK
	P207366	TMRK
69040237	P206340	SDVK
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	M120100	CASE
	M120100	CUCC
691318	M100464	GM
69427B	M100463	OKSH
69445089	M045237	AGEM
6953201	M065030	TRJN
695423	M100464	GM
695424	M100048	GM
69941B	M100465	OKSH
69941BX	M100465	OKSH
69A0122	M085056	FMC
	M085056	LKBT
6A1145	M080024	PETTI
6HD247	P206410	OKSH
6I0144	X007805	BABR
	X007805	CAT
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	M090535	RCHD

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Mfgs. No.	Our No.	Mfg. Code
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7000320364	P206364	IKRS
7000320393	P208393	IKRS
7000320411	P206411	IKRS
7000327541	P270541	IKRS
700353500	H001284	KOEH
	H001284	TJAK
	H001284	JNDR
700701176	P206555	NH
	P206555	FIAT
	P206555	CASE
700701264	P207419	CASE
	P207419	FIAT
	P207419	NH
700702200	X004539	CASE
	X004539	FIAT
	X004539	NH
700715571	X007830	CASE
	X007830	AGCO
700715572	J240004	CASE
	J240004	AGCO
700716741	P206319	HAY
700716743	P206552	CASE
	P206552	HAY
	P206552	AGCO
700717720	P207322	CASE
700725495	P226144	AGCO
	P226144	HAY
700727325	P207402	HAY
	P207402	AGCO
7009031763	P271507	KBTA
701046200	H001279	JNDR
	H001279	TJAK
7013000112	J009514	MTWC
	J009514	GRVE
70170	P207369	HRCN
70177	P206850	IR
7018	M085008	CASE
70199467	P206410	MIIN
	P206410	FIAT
	P206410	NH
70202	P206337	HRCN
7024938	P206410	FIAT
	P206410	NH
703130	M065071	SHUT
7037000002	M060037	GRVE
7037000504	M070069	GRVE
	M070069	MTWC
7056100001	M002122	GRVE
	M002122	MTWC
7056100010	M002119	GRVE
706186	M120365	GM
707024722	P270539	FIAT
	P270539	CASE
	P270539	NH
708799512	X004484	CASE
	X004484	FIAT
	X004484	NH
70930	M090594	RDRL
709385	X004476	AGEM
70977	M090544	RDRL
70DD3852	P206601	AA
70M080024	M080024	ASTEC
	M080024	AST
70P206316	P206316	AST
	P206316	ASTEC
70P206343	P206343	AST
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70P206344	P206344	ASTEC
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70P206369	P206369	AST
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70P207402	P207402	AST
	P207402	ASTEC
7100090	M100049	KOEH
	M100049	TREX
71040225	P270534	TJMG
7115II08	P207362	HOIST
71173007	M100146	GRDL
712000	M085008	KMBL
712001	M085023	KMBL
712004	M070069	KMBL
712005	M080024	KMBL
712042	M070068	KMBL
71316859	H001279	AGCO
7133300	X004536	KARP
7133400	X004537	KARP
7133500	X004476	KARP
7133600	X004538	KARP
71337	M100049	FLYR
7133700	X004478	KARP
7133800	X004480	KARP
7133900	X004482	KARP
7134000	X004484	KARP
71368964	P206365	DETZ
	P206365	AGCO
71397878	P270540	HAY
71405382	X004476	HTHI
	X004476	FIAT
7140871	M100466	TREX
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7146489	P270541	TYLE
716177	M120108	KSHA
7170177	M100465	KOEH
	M100465	TREX
717202	M120197	GM
717214	M100464	GM
717217	M100464	GM
717308	M090535	GM
718051	M100464	GM
718CP	P206641	HDMI
7200	M060037	ME
720000	M045237	AGEM
72003655	M060037	ME
720190011	M100463	VMER
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	M090280	RSCO
72113	P206311	RSCO
	P206311	BRLEE
721239005	P206410	AGEM
7221516	X004480	OK
	X004480	TREX
72525770	P207339	AGCO
7258000828	P270530	GRVE
7258000829	P270531	GRVE
727321001	M110012	JNDR
728599	M090535	TREX
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7300000074	P206409	GRVE
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7300000177	X004478	MTWC
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7300000185	X004482	GRVE
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7300000211	X004480	GRVE
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7300000272	X004476	MTWC
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7300000971	X004476	MTWC
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7300001003	X004536	MTWC
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7300100029	X007833	GRVE
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73061656	M085023	FIAT
73061668	M085023	NH
	M085023	FIAT
73111489	X004478	FIAT
	X004478	CASE
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	X004478	NH
73121002	H001033	NH
	H001033	FIAT
73182	M091047	RSCO
	M091047	BRLEE
73183	M002120	RSCO
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73184	J190044	BRLEE
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73185	J190014	BRLEE
	J190014	RSCO
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7362899	X004484	ENMT
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736289903	X004484	LEBR
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	P206315	GRVE
7364001704	P206326	MTWC
	P206326	GRVE
7365029	X004539	ENMT
	X004539	LEBR
7365810	P270541	ENMT
	P270541	LEBR
7366270	P206323	LEBR
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73671042	M090210	GRDL
7368830	P271511	LEBR
7368952	P207667	LEBR
	P207667	ENMT
7369271	P206411	LEBR
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7400448200	X004482	CHARD
7401755	P270543	LEBR
	P270543	ENMT
7404512300	M045123	CHARD
7404783	M100016	ENMT
	M100016	LEBR
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7406000158	P206340	GRVE
7406000163	P207332	GRVE
7406000179	P207351	MTWC
	P207351	GRVE
7406000304	P206400	GRVE
	P206400	MTWC
7406000443	P206310	GRVE
7406003700	M060037	CHARD
7406019400	M060158	CHARD
7406503000	M065030	CHARD
7406504400	M065044	CHARD
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7408507800	M085078	CHARD
7408509000	M085090	CHARD
7408511200	M085023	CHARD
7409009100	M090091	CHARD
7409017000	M090170	CHARD
7409020600	M090535	CHARD
7410004800	M100048	CHARD
7410340	X004478	ENMT
	X004478	LEBR
7412010800	M120108	CHARD
7412018600	M120365	CHARD
741238002	P206409	AGEM
7413123	H001034	LEBR
	H001034	ENMT
74131239814046	H001034	LEBR
7413740	H001032	LEBR
7415294	M070069	LEBR
7415447	P206544	LEBR
7415448	P207386	LEBR
7420053400	P270534	CHARD
7420134600	P206406	CHARD
7420500200	P270532	CHARD
7420500600	P270536	CHARD
7420500700	P270538	CHARD
7420501100	P270542	CHARD
74350C	P207582	DFLX
7450000092	P206612	MTWC
	P206612	GRVE
7450000109	P206615	GRVE
	P206615	MTWC
7450000166	P206615	GRVE
745017	P207581	DYPC
750	M090091	EAGL
75024	P206411	FMHD
7510057	M100043	PTBM
7524005210	P206411	GE
753980C1	M090535	NAVI
753980C91	M090074	CUCC
	M090074	NAVI
7567407803	P206367	IR
7567507802	P206600	IR
76009164	M070008	BADG
	M070008	GRDL
	M070008	WRNR
76018489	M070068	BADG
	M070068	WRNR
76018805	M085056	WRNR
	M085056	BADG
76018849	P206407	BADG
	P206407	GRDL
76020614	M045237	BADG
	M045237	WRNR
	M045237	GRDL
76022356	M085023	BADG
	M085023	GRDL
	M085023	WRNR
76025334	M085008	GRDL
	M085008	WRNR
	M085008	BADG
76026291	M120108	BADG
	M120108	GRDL
	M120108	WRNR
76026399	P206409	BADG
7602691	M120108	GRDL
76027177	P206411	GRDL
	P206411	BADG
76031368	M100049	BADG
76032138	M100049	WRNR
	M100049	BADG
	M100049	GRDL
76034168	M120176	BADG
76036048	M070069	BADG
76036827	M080024	BADG
76039812	M070068	BADG
76040807	M090158	BADG
76043380	M090544	BADG
76045587	M120131	BADG
76046685	M100463	BADG
76046734	X004480	WRNR
	X004480	BADG
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76047483	M120225	BADG
76047717	M090535	BADG
76048156	X004478	BADG
76049046	M100043	BADG
76050047	X004476	BADG
76050048	X004538	BADG
76051472	X004482	BADG
76054143	M090091	BADG
76059877	M100146	BADG
76062464	M085078	BADG
76065186	M085171	BADG
76066741	J009648	BADG
76067164	X004484	BADG
76072056	M100572	BADG
76072870	M100463	BADG
76079257	M120365	BADG
76079720	M090544	BADG
76080439	M085090	BADG
76080458	M070068	BADG
76080988	J034673	BADG
76082813	M100049	BADG
76084889	P206600	FIAT
76085702	M002121	BADG
76093320	J009637	BADG
76093321	P206311	BADG
7611247	P206410	LEBR
76164	M085090	PBRN
761880010	X004484	HRSN
7618810	X004484	HRSN
7618812	X004478	HRSN
761889	X004482	HRSN
7621247	P206602	LEBR
7621826	P206601	LEBR
7624000028	M090535	GRVE
7624000049	M100465	GRVE
762782C92	M120108	NAVI
762783C91	M100048	CUCC
7630255	M060158	OMNI
763196C91	M090074	NAVI
763C003	P207367	SIGM
764077	M065074	TENT
764120	P270534	TENT
76420000025	M065034	GRVE
76420000027	M090544	GRVE
76420000028	M090535	GRVE
76420000031	M090170	GRVE
76420000036	M090146	GRVE
7642000004	M070008	MTWC
7642000009	M100048	GRVE
	M100048	MTWC
7642000012	M091046	GRVE
7642000020	M100464	GRVE
7642000022	M090544	GRVE
7642000024	M100463	GRVE
7642000028	M090535	MTWC
	M090535	GRVE
7642000029	M085090	GRVE
7642000031	M090170	GRVE
	M090170	MTWC
7642000032	M085226	GRVE
	M085226	MTWC
764200004	M070008	GRVE
7642000041	M100463	GRVE
7642000045	M100464	GRVE
7642000051	M100464	GRVE
7642000052	M060158	GRVE
	M060158	MTWC
7642000054	M100463	GRVE
	M100463	MTWC
7642000055	M090210	GRVE
	M090210	MTWC
7642000056	M120176	GRVE
	M120176	MTWC
7642000057	M120131	GRVE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
7642000059	M090210	GRVE
7642000061	M090301	MTWC
	M090301	GRVE
7642000062	M090158	MTWC
	M090158	GRVE
7642000068	M120235	GRVE
	M120235	MTWC
7642000075	M065044	GRVE
	M065044	MTWC
7642000080	M070028	GRVE
	M070028	MTWC
7642000088	M090544	GRVE
	M090544	MTWC
764200009	M100048	GRVE
7642000093	M090594	MTWC
	M090594	GRVE
764200056	M120176	GRVE
7642000603	M100465	GRVE
	M100465	MTWC
7642000609	M120100	MTWC
	M120100	GRVE
7642000610	M090146	GRVE
7642000640	M080018	GRVE
	M080018	MTWC
764200068	M120235	GRVE
764210000	M045237	GRVE
7642100001	M060055	GRVE
7642100004	M110479	MTWC
	M110479	GRVE
	P206321	GRVE
7642100007	M065030	MTWC
	M065030	GRVE
7642100008	M060037	GRVE
7642100009	M120566	GRVE
	M120566	MTWC
7642100013	M120382	GRVE
	M120382	MTWC
7642100021	M120225	MTWC
	M120225	GRVE
7642100022	M100213	GRVE
7642100024	M101181	GRVE
7642100026	M101158	GRVE
	M101158	MTWC
7642100035	M120450	GRVE
7642100042	M085409	MTWC
	M085409	GRVE
7642800000	M100048	GRVE
7642995001	M100146	GRVE
76685A	M100049	OKSH
769184	P270536	TENT
7697000164	P206345	GRVE
7700054646B	M001503	RVI
7700054689	X004482	RVI
7700059654A	M001702	RVI
7700062689	M001502	RVI
7701030196	P206343	AMC
	P206343	XMN
770460000	M060055	PETTI
770512A05	M085023	GRDL
77118	M080018	DYPC
77173007	M100146	GRDL
7718810	X004484	HRSN
7734000685	J190042	GRVE
7734000686	P206319	GRVE
77383601	H001034	GRDL
77383778	M100572	GRDL
	M100572	JLGI
7806300	X004539	KARP
78103131	M100048	BADG
78111	M090009	LROI
781111	M090009	LROI
78140	M070008	LROI
78147	M060005	LROI
78152	M045237	LROI
78157	M070028	LROI
78158	M070050	LROI
781670	P206319	DYPC
78254	M100464	LROI
78268	M060158	CMPR
	M060158	LROI
78272	M080024	LROI
78273	M100580	LROI
78283	M100016	CMPR
	M100016	LROI
782862	M085056	CMPR
	M085056	LROI
78287	M090091	LROI
78294	M100146	CMPR
	M100146	LROI
78295	M085208	LROI
78300C	P206604	DFLX
78312	M065044	CMPR
	M065044	LROI
78314	M120225	LROI
78318	M085090	LROI
783181	M085090	LROI
78325	M100146	LROI
784120014X1	M085208	CETCO
7842001825	M100146	GRVE
	M100146	MTWC
78491	M065044	PBRN
78500C	P206604	DFLX
78626181	M045193	AGCO
	M045193	DETZ
	M045193	KLMA
788022C1	M120131	NAVI
78M065044	M065044	HARLEY
78M100572	M100572	HARLEY
78M120225	M120225	HARLEY
79018666	P270535	NH
	P270535	FIAT
	P270535	CASE
79028227	H001032	CASE
	H001032	NH
	H001032	HTHI
	H001032	FIAT
7905	P270534	WIRG
790758	P206406	CLJL
79076459	H001034	NH
	H001034	HTHI
	H001034	FIAT
	H001034	CASE
7910009098	P207354	GRVE
	P207354	MTWC
794299	M100213	IVECO
79434	M065034	WLDN
794982	M090158	IVECO
795570C1	M120108	CUCC
	M120108	NAVI
798803	M090538	GM
799118	M080018	DYPC
799121	X004478	DYPC
7C1377	X007831	CAT
	X007831	RYGO
7C4500	X007830	CAT
7C7009	X007784	CAT
7E0114	M080019	CAT
7E1397	M001505	CAT
	M001505	TIM
7E3870	M001503	TIM
	M001503	CAT
	M001503	EAGP
7E6455	M001504	CAT
	M001668	CAT
7E9506	M001504	CAT
7GB010	M100464	WGMC
	M090544	VLVO
7LT400	M090362	RKRM
7N1087	M001566	CAT
7TU01112	P206851	AA
7TU01113	P226148	AA

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Mfgs. No.	Our No.	Mfg. Code
80	M045237	AP
	M045237	APE
80000415	J000231	CUMS
80013034	P207367	MTWC
80015981	M110479	GRVE
80015984	M120176	GRVE
8001648	H001279	BATI
8001649	H001284	BATI
80018129	P206311	GRVE
80022125	X007785	GRVE
80082	X007785	RSNBR
	X007785	ROSEN
801852	M120225	DYPC
80273060	M070068	JLGI
	M070068	GRDL
80373183	M080024	GRDL
80483121	M002121	JLGI
	M002121	GRDL
8049	P206507	TRUX
8050	P206507	TRUX
8052	J008167	TRUX
805333	M090009	Americ
805335	M090009	AMHO
	M090009	Americ
	M090009	WHITE
8056472	X004962	VLVO
806237	M120100	AMHO
806556	M045237	LONG
80683303	M120751	GRDL
80683304	M002123	GRDL
807002	M070008	AMHO
	M070008	Americ
	M070008	TREX
8070241	M100695	UPTI
	M100695	VLVO
8070281	X007805	VLVO
8070282	X007824	UPTI
	X007824	VLVO
807348	X004539	FMNT
80783048	P206395	GRDL
80783049	P206328	GRDL
808164	M170101	AMHO
80856	P207361	WIRG
809275	X004482	FLYR
	X004482	NEWFLY
809299	X005207	TRUX
809300	X005207	TRUX
809302	J009429	TRUX
809303	J009429	TRUX
809304	J009429	TRUX
809305	J009429	TRUX
809306	J009429	TRUX
809307	P206543	TRUX
809308	P206543	TRUX
809309	P206543	TRUX
809404	P206341	TRUX
809406	P206353	TRUX
809408	P206354	TRUX
809415	P206282	TRUX
809427	P206543	TRUX
809428	P206543	TRUX
809429	J009429	TRUX
809458	P206543	TRUX
809498	J009429	TRUX
809500	X005207	TRUX
809530	J009560	TRUX
809544	P206342	TRUX
809545	P207345	TRUX
	P207345	GOE
	P207345	AP
809546	P207346	TRUX
809547	J009547	TRUX
809621	P207345	TRUX
80973013	M101169	GRDL
809736	P206282	TRUX
809737	J190023	TRUX
809738	P206286	TRUX
809739	P206283	TRUX
809750	P207353	TRUX
809752	P216169	TRUX
809769	P206343	TRUX
809770	P207345	TRUX
809771	J009547	TRUX
809793	P207364	TRUX
809796	J190019	TRUX
8100075	X007784	TIPP
81004	M090074	RKRM
81005	M090158	RKRM
	P206336	ROSS
81006	M090158	RKRM
81008	M090280	RKRM
810090220	X007829	MNTW
810803400	M090210	TJAK
	M090210	JNDR
8108214	M080024	EATN
810821400	M080024	TJAK
810821600	M100146	EATN
	M100146	JNDR
	M100146	TJAK
810850800	M070068	TJAK
811175700	M070028	JNDR
	M070028	TJAK
8112017	X004478	FLYR
	X004478	NEWFLY
8112018	X004480	FLYR
	X004480	NEWFLY
81152046054	P270541	MAN
81152046060	P270540	MAN
81155016001	P206611	MAN
811870600	X007784	CAT
	X007784	TJAK
	X007784	BLNT
811870700	J190062	BLNT
	J190062	JNDR
	J190062	CAT
	X004962	TJAK
81377789	M085078	TMRK
	M085078	EIMC
	M085078	DLTC
814051	M065034	DYPC
814204	M070050	AMHO
81421009	M090158	DLTC
814621	J014621	TRUX
814622	J014622	TRUX
814623	J014623	TRUX
814662	J014622	TRUX
815014	P270534	CAT
	P270534	TIM
815743	X007829	CAT
	X007829	BROW
81589079	X005207	LORR
	X005207	LRAN
81653289	H001032	DLTC
8167	J008167	AP
8167807	X004484	VLVO
8182600	M002164	UPTI
81906	M090158	RKRM
81908	M090280	RKRM
81922	M090538	RKRM
81923	M090563	RKRM
8198	J009649	BLNT
82033810	P224589	GRDL
82034108	M070068	CASE
82034547	M090159	BADG
82082010026	P206851	MAN
82082010027	P207361	MAN
82082010028	P206338	MAN
8213187000	X004484	GILB
8213187001	X004482	GILB
82151010021	M090535	MAN
82152010054	P206400	MAN
82152010056	P206337	MAN
82152010060	P208375	MAN
82152016012	P270838	MAN
82152100003	P226143	MAN
82152150017	P206540	MAN
82155016001	P206611	MAN
82155016002	P206511	MAN
82155016003	X006202	MAN
8225975000	M090072	GILB
8227489000	P206369	GILB
8229364000	X004480	GILB
8238488000	P206602	GILB
8238889000	P206328	GILB
8239673000	P206507	GILB
824001	J014622	TRUX
824002	P224633	TRUX
824004	P208338	TRUX
824006	J240024	TRUX
824607	P206405	CLJL
824701	P207283	TRUX
824715	J024757	TRUX
824716	P207309	TRUX
824721	J024749	TRUX
824722	J024751	TRUX
824738	P224627	TRUX
824749	J024749	TRUX
824751	J024751	TRUX
824757	J024757	TRUX
824758	J024758	TRUX
8249296000	X004539	GILB
826337	P206410	Americ
	P206410	AMHO
827125	P206411	AMHO
	P206411	Americ
8275035	M065073	TRAK
827745	P206409	TREX
82976411	H001033	TREX
831012S	P206542	DFLX
832419	H001284	AGEM
834002	P224698	TRUX
834004	P224628	TRUX
834005	J340023	TRUX
834006	P224581	TRUX
83471074	M070069	GRDL
834727	P208359	TRUX
834728	P208375	TRUX
834746	J034746	TRUX
834747	P216204	TRUX
83476	P206409	LROI
834779	P216227	TRUX
8355742	M085078	DUHR
8355910	M100043	DUHR
835866	M090074	WGMC
	M090544	VLVO
83610	P206410	LROI
	P206410	CMPR
836309	M080024	AMHO
836310	M100048	AMHO
83671042	M090210	GRDL

Mfgs. No.	Our No.	Mfg. Code
83671149	X004480	GRDL
83671225	M070069	GRDL
83683097	X007785	GRDL
83683175	P206405	GRDL
83713009	X007784	GRDL
	X004482	WRNR
8374280546	H001033	KAEL
83746	P206409	CMPR
83747	P207667	LROI
	P207667	CMPR
83816	M060055	WLDN
83890	P206411	LROI
	P206411	CMPR
83931	X007785	LROI
839312	X007829	LROI
839313	X006204	LROI
83947685	X004536	CASE
	X004536	FMCO
	X004536	FIAT
	X004536	NH
83AX1039	P206603	MACK
840031	M090280	TREX
	M090280	AMHO
841041S	X005207	DFLX
841074700	X007831	TJAK
	X007831	JNDR
	X007831	CAT
	X007831	BLNT
841076000	X004478	CAT
	X004478	BLNT
	X004478	JNDR
	X004478	TJAK
841087100	X004482	TJAK
	X004482	JNDR
841389	P206407	Americ
841600207	M070008	KOEH
842167	X004538	AMHO
	X004539	Americ
84217668	M001502	CASE
842434	M190002	Americ
842954800	P206325	TJAK
842964800	P206325	BLNT
	P206325	JNDR
	P206325	CAT
	P206325	TJAK
842973900	M090301	JNDR
	M090301	CAT
	M090301	TJAK
	M090301	BLNT
842974000	P206310	BLNT
	P206310	TJAK
	P206310	CAT
	P206310	JNDR
842974100	P206601	BLNT
	P206601	CAT
	P206601	JNDR
	P206601	TJAK
842974200	P206600	JNDR
	P206600	BLNT
	P206600	CAT
	P206600	TJAK
843006400	P206311	JNDR
	P206311	TJAK
843006500	P206602	JNDR
	P206602	TJAK
844000	P206381	TRUX
844001	P216228	TRUX
844002	P207314	TRUX
844003	P207287	TRUX
844004	P207317	TRUX
84437	X004536	LAWSON
84438	X004537	LAWSON
84439	X004476	LAWSON
84440	X004538	LAWSON
84441	X004478	LAWSON
84442	X004480	LAWSON
84443	X004482	LAWSON
84444	X004484	LAWSON
84466	X004539	LAWSON
844661	P206388	TRUX
844663	P206389	TRUX
844668	P207320	TRUX
844669	P206386	TRUX
844670	P207321	TRUX
844671	P206387	TRUX
844734	P207318	TRUX
844735	P207319	TRUX
844737	P207312	AP
	P207312	TRUX
	P207312	GOE
845100207	M070008	KOEH
84546	P209913	AP
84584	P206302	AP
84585	J000127	AP
846100205	M060005	CAME
	M060005	KOEH
846100207	M070008	KOEH
	M070008	CAME
846100209	M045237	KOEH
846100243	M085023	KOEH
846100247	M085023	BRLEE
	M085023	KOEH
	M085023	RSCO
	M085023	CAME
846100273	M065065	KOEH
	M065065	RSCO
	M065065	BRLEE
846100279	M100464	KOEH
846100283	P206311	CAME
	P206304	CAME
846100287	P206302	CAME
846100292	M090158	BRLEE
	M090158	RSCO
	M090158	CAME
	M090158	KOEH
846100328	J024748	CAME
846100344	X004484	CAME
	X004484	KOEH
846100359	M090146	CAME
846100379	M100464	KOEH
84656	M001668	KTSU
846850	M090158	AMHO
848101164	H001278	KTSU
8483	P206507	AP
	P206507	TRUX
85071213	M070008	GRDL
	M070008	WRNR
850982	P270532	AGEM
85106083	X007785	VLVO
85107180	M090544	VLVO
85107544	X007805	VLVO
85131016	M085008	WRNR
	M085008	GRDL
851SA1930	M070050	CLRK
853030041	M100572	CETCO
853030072	P207559	CETCO
8533345	X004484	FMNT
854000	P207318	TRUX
854001	J540008	TRUX
854002	P207299	TRUX
854003	P207300	TRUX
854004	P224692	TRUX
854005	P224693	TRUX
854006	P224641	TRUX
85400CP	P206508	DFLX
85403160	M100464	GRDL
85403161	M090091	GRDL
854715	P206390	TRUX
854723	P207301	TRUX
854724	P207302	TRUX
854727	P208389	TRUX
854728	P208395	TRUX
854830	P224693	TRUX
85500CP	P206509	DFLX
85803795	M065030	NH
	M065030	CASE
85804014	P270534	NH
	P270534	CASE
	P270534	FIAT
85805478	M065030	NH
	M065030	FIAT
	M065030	CASE
85821055	M085084	CASE
	M085084	NH
	M085084	FIAT
85821060	X004478	FIAT
	X004478	CASE
85821061	X004480	CASE
	X004480	FIAT
859003CP	P206511	DFLX
85900RCP	P206511	DFLX
85901	M085171	RKRM
85903	M085008	RKRM
85904	M085080	RKRM
85923	M085172	RKRM
85924	M085189	RKRM
85925	M085023	RKRM
85GH18CP	P206641	DFLX
85SC6003Z	P224492	DFLX
86025101	X007784	NH
	X007784	BVER
	X007784	CASE
86025102	X007785	BVER
	X007785	EARN
	X007785	CASE
86032538	P207596	BVER
86034576	M090072	BVER
8605331	M002122	CASE
8608	J000224	AP
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Cross Reference

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Donaldson FILTRATION SOLUTIONS

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CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Donaldson FILTRATION SOLUTIONS

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	M070008	CABT
911948	P207349	U C
911949	P207351	U C
911950	P207324	U C
911951	P207362	U C
911952	P207326	U C

Mfgs. No.	Our No.	Mfg. Code
91203058	M045237	GRDL
91203087	P206306	GRDL
91233003	M065071	GRDL
912361	P206370	U C
91267	P206346	HRCN
	P206346	GRST
91279	J009649	HRCN
	J009649	GRST
91301	M065030	GNRC
9141094	P206546	VLVO
91410944	P206546	VLVO
91410947	P206546	VLVO
91413140	P206371	JLGI
9150	P270530	ECS
9155711	P206546	VLVO
91557116	P206546	VLVO
916833	X004482	U C
916834	P206346	U C
916864	P206346	U C
9186262	P206546	VLVO
9186269	J000220	GDLS
91910	M090594	RKRM
919206	P208394	U C
9200	P270532	HDMI
	P270532	XAIR
920007402	M065044	CASE
920018271	P206409	CASE
920018376	P206407	CASE
920019350	P206408	CASE
920019377	P206406	CASE
920019473	M001702	NH
920019547	M001502	NH
920019550	M001756	NH
920034AA	J009604	SKYJ
9202940451	M100146	EIMC
920507	P207282	U C
9206602	P206602	NEWFLY
9206960019	P270540	KLMA
921097	P206409	DYPC
921098	P206604	DYPC
9214205	M100016	TREX
	M100016	VME
9218031	M090095	TREX
	M090095	VME
	M090095	ECLD
921989	M045237	DYPC
921997	P206301	DYPC
92234	P206321	HRCN
9225	P270533	HDMI
	P270533	XAIR
922701	P270536	U C
9228310001	X004537	KLMA
9228310002	X004538	KLMA
9228310004	X004482	KLMA
9228310005	X004480	KLMA
923002	P224684	TRUX
924002	P207367	TRUX
924465	P207331	U C
924466	P207365	U C
9250	P270534	XAIR
	P270534	HDMI
925002	P206849	TRUX
925262AA	M085056	SKYJ
925502	P207368	GOE
	P207368	TRUX
926002	P206850	TRUX
926123	P270531	HSTR
9265	P207352	AP
92659	M080018	DRSS
	M080018	KTSU
92673	P206297	TRUX
92674	P206298	TRUX
92679	J092679	TRUX
	J092679	AP
92689	J092689	TRUX
	J092689	AP
92695	P206297	TRUX
92696	P206298	TRUX
92697	P206298	TRUX
927002	P206851	TRUX
92701012391	M090158	GRVE
9270102391	M090158	GRVE
9275	P270535	HDMI
	P270535	XAIR
92794437	H001035	IR
928002	P207369	TRUX
	P207369	GOE
9283113008	M122300	EIMC
9284749	M100146	GRVE
929002A	P206331	NLSN
929004A	P206333	NLSN
929005A	P206333	NLSN
929006A	P206334	NLSN
929007A	P206336	NLSN
929014K	P206333	NLSN
929015K	P206334	NLSN
929022K	P206335	NLSN
929023K	P206336	NLSN
929024A	J000127	NLSN
929025A	P206334	NLSN
929026A	P206335	NLSN
929027A	P206336	NLSN
929030A	P206335	NLSN
929034S	P224685	NLSN
929035S	P224686	NLSN
929036S	P224687	NLSN
9300	P270536	XAIR
	P270536	HDMI
9300CP	P271507	HDMI
9303	P207335	AP
9304	P206341	AP
9305	P206343	AP
9306	P206345	AP
9308	P206348	AP
9308052	P226146	ELGN
9308053	X004482	ELGN
9309	P206349	AP
9310	P206350	AP
9312	P206279	AP
9313	P206280	AP
931359AA	M060055	SKYJ
9314	P206281	AP
9314C094115	X004480	ENTW
9314C094120	P206408	ENTW
9315	P206282	AP
9317	P206283	AP
9318	P207350	AP
931900	P226142	SAME
931SA0393	M120100	CLRK
931SA185	M120100	CLRK
931SB0393	M090072	CLRK
932367	M080024	IVECO
9329	P207363	AP
9330	P207361	AP
9330C09102101	P206410	ENTW
9331	P206328	AP
	P206328	TRUX
9332	P206327	TRUX
	P206327	AP
9333	P206325	AP
	P206325	TRUX
9334	P206339	AP
9335	P206318	AP
	P206318	TRUX
9336	P207402	TRUX
	P207402	AP
93368	P206321	CRMY
9337	P206397	AP
9338	P206398	AP
9339	P206399	AP
9340	P206400	AP
934001	P205976	DFLX
9341	P205979	TRUX
9342	P206299	GOE
	P206299	TRUX
934270	X004484	IVECO
934285	X004482	IVECO
934286	X004480	IVECO
9343	P205976	TRUX
9344	P206300	TRUX
9345	P206617	AP
9346	P206616	AP
934766	X005207	IVECO
9350	P270538	HDMI
	P270538	XAIR
	P270538	ECS
	P207784	AP
	P207784	TRUX
935001	P206300	DFLX
9350CP	P271508	HDMI
9350Z	P270538	HDMI
9354	P206515	TRUX
9355	P206516	TRUX
935598	P270838	IVECO
9356	P206517	TRUX
9357	P206518	TRUX
	P206518	AP
9358	P206519	TRUX
	P206519	AP
9359	P206521	AP
	P206521	TRUX
935952	M090091	IVECO
9360	P206520	AP
	P206520	TRUX
93610450	X004478	DMAG
	X004478	KTSU
	X004478	MH
93610500	P206409	MH
	P206409	KTSU
	P206409	DMAG
936203	M120189	IVECO
9363	P206523	TRUX
	P206523	AP
9364	P206524	AP
	P206524	TRUX
9365	P206525	AP
	P206525	TRUX
9366	P206526	TRUX
	P206526	AP
	P206526	CSND
93671042	M090210	GRDL
9368	P270542	AP
9369	P270543	AP
	P270543	TRUX
9370	P270533	AP
	P270533	TRUX
9371	P270532	TRUX
	P270532	AP
9372	P270534	TRUX
	P270534	AP
9373	P270536	TRUX
9374	P270538	TRUX
	P270538	AP
9375	P270539	TRUX
	P270539	AP
9376	P270540	TRUX
	P270540	AP
9377	P270541	AP
	P270541	TRUX
9378	P270535	TRUX
	P270535	AP
	P270535	DFLX
9379	P270535	AP
9381	X004536	TRUX
	X004536	GOE
	X004536	AP
9382	X004537	AP
	X004537	TRUX
	X004537	GOE
9383	X004476	AP
	X004476	TRUX
	X004476	GOE
9384	X004478	AP
	X004478	TRUX
	X004478	GOE
9385	X004480	TRUX
	X004480	AP
	X004480	GOE
9386	X004482	GOE
	X004482	TRUX
	X004482	AP
9386890	X004484	KRON
9386900	P208374	KRON
9386910	J190003	KRON
9386920	M100213	KRON
9387	X004484	AP
	X004484	GOE
	X004484	TRUX
9388	X004539	AP
	X004539	GOE
	X004539	TRUX
9389	X004538	GOE
	X004538	AP
	X004538	TRUX
9390	P206612	AP
	P206612	TRUX
9391	J009391	AP
	J009391	TRUX
9392	P207568	AP
	P207568	TRUX
9393	J009393	TRUX
	J009393	AP
9394	P207566	TRUX
	P207566	AP
9395	P206604	TRUX
	P206604	AP
9396	P206605	AP
	P206605	TRUX
9397	P213191	AP
	P213191	TRUX
9398	P206604	AP
	P206604	TRUX
9399	P206606	AP
	P206606	TRUX
9400	P270539	XAIR
	P270539	GRMC
	P270539	ECS
	P270539	HDMI
94006	M100049	RKRM
94007	M090538	RKRM
9400CP	P270837	HDMI
9400Z	P270539	HDMI
9406	P206353	AP
9408	P206354	AP
94238001	P270539	VMER
942380011	P270539	VMER
94286	P207359	CMI
9429	J009429	WLKR
	J009429	AP
9430	P206641	TRUX
94307	M085008	RKRM
944130	X004536	OK
	X004536	TREX
9450	P270540	HDMI
	P270540	ECS
94507	M120365	RKRM
9451	P206510	TRUX
	P206510	AP
9452	P206511	TRUX
	P206511	AP
9453	P206512	TRUX
	P206512	AP
945530011	P270541	VMER
9456	P206508	AP
	P206508	TRUX
94569	P206602	CMI
9457	P206509	GOE
	P206509	AP
	P206509	TRUX
9458	P206543	AP
945946	X004484	TREX
	X004484	OK
946100325	P206280	RSCO
	P206280	BRLEE
9470	P207619	AP
	P207619	GOE
	P207619	TRUX
9472	P207582	AP
9473	P207581	TRUX
	P207581	AP
9474	P206614	AP
	P206614	GOE
	P206614	TRUX
9474Q	P206614	AP
9475	P207567	AP
	P207567	TRUX
9476	P207620	TRUX
	P207620	AP
9478	P206615	TRUX
	P206615	AP
9479	J009479	TRUX
	J009479	AP
9486	J009486	TRUX
	J009486	AP
9487	J009487	AP
	J009487	TRUX
9490	P206608	TRUX
	P206608	AP
9491	P206609	TRUX
	P206609	AP
9492	P206610	TRUX
	P206610	AP
94927	P207394	CMI
9493	P206611	AP
	P206611	TRUX
9495	P207598	TRUX
	P207598	AP
9500	P270541	XAIR
	P270541	HDMI
9500900008	M120365	IR
9500CP	P270838	HDMI
9500Z	P270541	HDMI
9501	P206600	AP
	P206600	TRUX
9502	P206601	AP
950250016	M045237	EIMC
9503	P206602	TRUX
	P206602	AP
9504	P206603	AP
	P206603	TRUX
9506	P207596	TRUX
	P207596	AP
9514	J009514	TRUX
	J009514	AP
9516	J009516	AP

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
	J009516	TRUX
9518	J009518	AP
	J009518	TRUX
9531	P207322	AP
9532	P207324	AP
9533	P207325	AP
9534	P207326	AP
9535	P207327	AP
9536	P207328	AP
9537	P207329	AP
9538	P207330	AP
9539	P206346	AP
9540	P207331	AP
9541	P207332	AP
9542	P206349	AP
9545	P207345	AP
9546	P207346	AP
9547	J009547	AP
9550	P270542	HDMI
9554	P206347	AP
9557	P207339	AP
9559	P207354	AP
9560	J009560	AP
9561	P207347	AP
9562	P207349	AP
9563	P207350	AP
9564	P207351	AP
9566	P207353	AP
9567	P207354	AP
9571	P271507	TRUX
	P271507	AP
9572	P271508	AP
9573	P270837	AP
	P270837	TRUX
9575	P270838	TRUX
	P270838	AP
9577	P271511	AP
9581	P206521	TRUX
9587	P206617	GOE
	P206617	TRUX
	P206617	AP
9598	P206367	GOE
	P206367	AP
9599	P207281	TRUX
9600	P270543	HDMI
	P206324	AP
	P270543	XAIR
	P206324	TRUX
	P206324	GOE
9600CP	P271511	HDMI
96014149	P206327	DLTC
96028649	P207667	DLTC
9604	J009604	TRUX
	X007824	AP
96047289	X007784	DLTC
96047309	P226155	DLTC
96047569	P206410	DLTC
9605	J009605	TRUX
	J009605	AP
96057001	M065044	VMER
960570011	M065044	VMER
9606	J009606	AP
	X007824	TRUX
9607	X007805	AP
	X007805	TRUX
9610	J009612	TRUX
	J009612	AP
9611	J009611	AP
	J009611	TRUX
9612	J009612	AP
	P206604	TRUX
9613	J009613	TRUX
	J009613	AP
9614	J009614	TRUX
	J009614	AP
9615	P206607	TRUX
	P206607	AP
96156	M080018	JNDR
9616	P210110	TRUX
	P210110	AP
9617	J009614	TRUX
9618	J009618	TRUX
	J009618	AP
9620	P206344	AP
96206	P207402	CMI
96207	M120751	CMI
96208	P206365	CMI
96223	M001505	CMI
9623	X007784	TRUX
9623618	P206407	MCII
9624	X007785	TRUX
9628	P224841	TRUX
9629	J009629	TRUX
	J009629	AP
9630	X004962	GOE
	X004962	TRUX
9631	J009631	AP
9632	J009632	AP
9633	J009633	AP
9635	J009635	AP
9636	J009636	AP
9637	J009637	AP
9639	J009639	AP
9640	J009640	AP
9641	J009641	AP
9642100072	M100464	MTWC
	M100464	GRVE
9642100076	M085078	GRVE
	M085078	MTWC
9644	J009644	AP
9645	J009645	AP
9648	J009648	AP
	J009648	TRUX
9649	J009649	TRUX
	J009649	AP
964L1	M085008	WGMC
	M085008	DLEQ
9650	J009650	AP
9652	P222018	TRUX
9653	P222018	TRUX
9656	J009611	TRUX
96600512	M060037	GRDL
9664	J190056	TRUX
9665	J190057	TRUX
9666	X007829	TRUX
9667	J190059	TRUX
9668	X007830	TRUX
9669	X007831	TRUX
9670	J190062	TRUX
9671	X009076	TRUX
9673152	M001702	CASE
	M001702	NH
	M001702	KBCO
9674	P222744	TRUX
9675	P222745	TRUX
9676	P222746	TRUX
9678	P222747	TRUX
9680	P222748	TRUX
9681	P222749	TRUX
9682	P222750	TRUX
9683	P222751	TRUX
9684	P222752	TRUX
9686	P222753	TRUX
9687	P222754	TRUX
9688	P222755	TRUX
9690	P222756	TRUX
9692	P222757	TRUX
9693	P222758	TRUX
9694	P222759	TRUX
9696	X007784	GOE
9697	X007785	GOE
9698	X007824	GOE
9699	X007805	GOE
9701300001	M090535	BRED
9704	P270542	TRUX
9706292	X007824	NH
	X007824	VSTL
9706293	X007785	CASE
	X007805	NH
9706674	P207298	NH
	P207298	VSTL
9707490	P207297	NH
	P207297	VSTL
9713	P207582	TRUX
9714	P207567	TRUX
9715	P207584	AP
	P207584	GOE
9722	P206326	TRUX
972204010	P206336	BOSS
972303010	P206334	BOSS
972335010	P206335	BOSS
9724	P206512	TRUX
9725	P206511	TRUX
9726292	X007824	VSTL
9730	J190060	TRUX
9731	J190061	TRUX
9732	J009623	TRUX
9733	X007785	TRUX
97342400232	M120108	FXBL
9737	J009612	TRUX
97496413	P206409	IVECO
97926300001	M120189	UCP
	M120189	FXBL
979541R91	M090544	NAVI
97977600026	P206403	FXBL
97977600238	P210110	FXBL
9798	P206511	TRUX
9799	P206512	TRUX
980001350	X004539	GAME
980011834	J190045	GAME
9801	P206508	TRUX
9803	P206509	TRUX
9804	P206508	TRUX
9805	P206510	TRUX
9806	P206511	TRUX
9807	P206512	TRUX
9810	P224492	TRUX
9811	P205834	TRUX
982438003	X004539	CMPR
9824380040026	P207596	CMPR
9824380090004	X004476	CMPR
9824380090006	X004478	CMPR
9824380090009	X004480	CMPR
9837	M070028	CRMY
98423	M065065	CRMY
985250008	M080018	EIMC
98525008	M080018	EIMC
986055	M060158	CHAMP
986063	P207596	CHAMP
9896	P270530	TRUX
9897	P270531	TRUX
990023	X004478	TPORT
9901	P222748	AP
9913	P206403	AP
9914	P206404	AP
9915	P206405	AP
992L1	M100464	DREO
992L11	M090535	DREO
992L12	M090544	DREO
992L13	M100464	DREO
9941436	J190003	ENGN
9948	P206331	ICAB
994819	X004536	TKNG
99487900034	X004482	FXBL
9949979	M090544	KOEH
997722C1	M090538	NAVI
998025C1	M085171	NAVI
998580	M090544	VLVO
	M090544	WGMC
9989101A	P206340	ENGN
9990000767	P206602	BIAM
	P206602	ONTB
9999	M060251	TMCO
99M090362	M090362	HARLEY
99M100464	M100464	HARLEY
9F6433	M120100	CAT
9H0047	M120100	LKBT
	M120100	FMC
9H0547	P207339	LKBT
9H0554	M090538	FMC
	M090538	LKBT
9H47	M120100	FMC
9H554	M090538	FMC
9HB910	M100463	OKSH
9LT400	M090362	RKRM
9LT500	M090072	RKRM
9N8185	M190002	CAT
9N8198	M065044	CAT
	M065044	RYGO
9S0038	P208326	CAT
9S200	P270532	HDMI
9S225	P270533	HDMI
9S250	P270534	HDMI
9S275	P270535	HDMI
9S300	P270536	HDMI
9S300CP	P271507	HDMI
9S350	P270538	HDMI
9S350CP	P271508	HDMI
9S400	P270539	HDMI
9S400CP	P270837	HDMI
9S450	P270540	HDMI
9S500	P270541	HDMI
9S500CP	P270838	HDMI
9S550	P270542	HDMI
9S600	P270543	HDMI
9S600CP	P271511	HDMI
9XD354	M085008	RKRM
9XD358	M090146	RKRM
9XD400	M090544	RKRM
9XD403	M090544	RKRM
9XD404	M090544	RKRM
9XD405	M090544	RKRM
9XD408	M090544	RKRM
9XD448	M090544	RKRM
9XD500	M090074	RKRM
9XD505	M090074	RKRM
9XD508	M090535	RKRM
9XD508W	M090535	RKRM
9XD548	M090074	RKRM
9Y0176	P206407	CAT
9Y0177	P206408	CAT
9Y1561	X004484	CAT
9Y3815	M001502	CAT
9Y8315	M001502	CAT

A

Mfgs. No.	Our No.	Mfg. Code
A004482	X004482	CRAN
A017851	P206409	CASE
A0409520000	P206410	FRTL
A0410342	M090535	FRTL
A04103420	M090535	FRTL
A0410561	M100464	FRTL
A04105610	M100464	FRTL
A04105611	M100464	FRTL
A04105620	M090544	FRTL
A0410617	M090544	FRTL
A04106170	M090544	FRTL
A04106171	M090544	FRTL
A0410618	M100464	FRTL
A04106180	M090544	FRTL
A04106181	M100464	FRTL
A0410879	M090535	FRTL
A04108790	M090535	FRTL
A04108791	M090535	FRTL
A04109610	M100464	FRTL
A04114470	M100464	FRTL
A0411447000	M100464	FRTL
A04114471	M100464	FRTL
A04116940	M100465	FRTL
A04116941	M100464	FRTL
A04117170	M100463	FRTL
A04117171	M100463	FRTL
A04118400	M100465	FRTL
A0411843	M100465	FRTL
A04118430	M100465	FRTL
A0412094	M100465	FRTL
A04120940	M100465	FRTL
A0412096000	X007785	MERS
A0412096001	X007784	MERS
A04122700	M100463	FRTL
A04125560	M100465	FRTL
A0412966	M100465	FRTL
A04129660	M100465	FRTL
A04140750	M100580	FRTL
A0414075000	M100580	FRTL
	M100580	MERS
A04164220	M120365	MERS
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AU109775	M085409	AST
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AU110235	M002119	ASTEC
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Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
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AU110808	P207322	ASTEC
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AU111640	P206400	AST
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AU111838	J000220	AST
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AU111840	J000227	AST
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B234	J000213	TRUX
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	M070008	WBCO
CMP00290	P206409	ATCO
CMP00417	X004480	ATCO
CMV07108XO	P206326	BMY
CMV07109XO	X004482	BMY
CMV07110XO	X004478	BMY
CN356A	P206368	GRMC
CN36A	P206367	GRMC
CN46A	P206369	GRMC
CN56A	P206370	GRMC
CN66A	P207414	GRMC
CO200	P207405	RKRM
CO250	P206371	RKRM
CO300	P206372	RKRM
CO350	P206373	RKRM
CO400	P206374	RKRM
CO500	P206375	RKRM
CO500PL	P207408	RKRM
CO600	P207408	RKRM
CP358A	P206373	GRMC
CP38A	P206372	GRMC
CP48A	P206374	GRMC
CP58A	P206375	GRMC
CP68A	P207408	GRMC
CSP40024	J024748	RKRM
CSP40048	P206382	RKRM
CSP50024PL	J024751	RKRM
CT250	P206361	RKRM
CT300SS	P206544	RKRM
CX162830	M065030	AMC
	M065030	XMN
	M065030	AGCO
	M065030	FENT
	M065030	MF
CY5018	P206410	HOBT
CY5046	J009487	HOBT
CZ78312	M065044	CMPR

D

D0HA5225AC	M120135	FMCO
D0HA5225AE	M120154	FMCO
D0HA5225J	M120135	FMCO
D0HA5225M	M120135	FMCO
D0HA5230J	M090544	FMCO
D0HT5225CLA	M100465	FMCO
D0HZ5230F	M120135	FMCO
D0HZ5230J	M090538	FMCO
D0HZ5230K	M120135	FMCO
D0HZ5230L	M090074	FMCO
D0HZ5230N	M120154	FMCO
D0HZ5230S	M120135	FMCO
D100312	M090009	GALN
	M090009	DRSS
D100725	M085056	DRSS
	M085056	GALN
D101865	M120100	DRSS
D101877	M100048	GALN
D114289	M090170	DRSS
D114338	M085023	GALN
D117248	M090158	DRSS
	M090158	GALN
D126170	M065065	GALN
D132016	M090535	ECS
	M090074	TESSI
D132038	M100582	ECS
D134590	M090544	ECS
D134591	M090544	ECS
D135511	M100465	ECS
D137594	M070008	TESSI
D137739	M090781	ECS
D142572	M100049	DRSS
D150003	M060037	ECS
D150004	M065030	ECS
D150005	M070068	TESSI
	M070068	ECS
D150006	M070069	TESSI
	M070069	ECS
D150007	M080024	ECS
	M080024	TESSI
D150008	M090091	TESSI
	M090091	ECS
D150009	M100016	ECS
	M100016	TESSI
D160002	M090072	ECS
D1NN5C208A	P270536	FIAT
	P270536	FMCO
	P270536	CASE
	P270536	NH
D2950144	H001278	CASE
	H001278	PTN
D2HA5230AA	M090544	FMCO
D2HS5230KA	M090158	FMCO
D2HZ5230A	M090544	FMCO
D2NKYX004478	X004478	EIMC
D2NKYX004480	X004480	EIMC
D2NKYX004482	X004482	EIMC
D2NKYX004484	X004484	EIMC
D2NKYX004537	X004537	EIMC
D2NM0M170101	M170101	EIMC
D3HA5225AAA	M090146	FMCO
D3HA5230FA	M090535	FMCO
D3HS5230GA	M100048	FMCO
D3HS5230HA	M120365	FMCO
D3HZ5230D	M090146	FMCO
D3HZ5230M	M090535	FMCO
D3HZ5255A	M090146	FMCO

Mfgs. No.	Our No.	Mfg. Code
D3TZ5230D	M065065	FMCO
D45000242	M090091	KW
D45000248	M100016	KW
D45000259	M120450	KW
D45000266	M101182	KW
D45000282	M100944	KW
D45000307	M100463	KW
D45009558	M110849	KW
D49456	M070008	LRAN
D4HA5225EA	M090146	FMCO
D4HZ5230C	M090146	FMCO
D4NN5230F	M085078	NH
	M085078	CASE
D5443	J190003	GNRC
D5443R	J190003	GNRC
D5HA5225HA	M100464	FMCO
D5HS5230EA	M120225	FMCO
D5HZ5230G	M100464	FMCO
D5NN5N202A	M070068	NH
	M070068	FMCO
D5TA5225BDA	M090538	FMCO
D5TA5225BDA1	M090538	FMCO
D5TQ5225BDA	M090538	FMCO
D5TZ5230AC	M065065	FMCO
D5TZ5230AF	M065065	FMCO
D5TZ5230AH	M090538	FMCO
D5TZ5230CM	M065065	FMCO
D5TZ5230J	M065065	FMCO
D6667R	P206615	GNRC
D6HS5230AA	M100464	FMCO
D6HS5230DA	M090072	FMCO
D6NN5C208A	P270534	NH
	P270534	FIAT
	P270534	CASE
	P270534	FMCO
D71668	M085023	LRAN
D7204	P206369	GNRC
D7HT5225AJA	M100464	FMCO
D7HT5225BEA	M100463	FMCO
D7HT5225BNA	M120197	FMCO
D7HT5225CLA	M100465	FMCO
D7HT5230BEA	M100465	FMCO
D7HT5230FRA	M100465	FMCO
D7HT5230FYA	M100463	FMCO
D7HT5230GEA	M100465	FMCO
D810093	M060037	DAEW
D810150	M070068	DAEW
D810174	M065030	DAEW
D830151	M070069	DAEW
D8HS5225CA	M100464	FMCO
D8HS525EA	M100463	FMCO
D8HT5230BA	M100465	FMCO
D8HT5230CA	M100465	FMCO
D8HZ5230AB	M100463	FMCO
D8HZ5230AE	M100464	FMCO
D8HZ5230AF	M100465	FMCO
D8HZ5230AT	M100465	FMCO
D8HZ5230AV	M100463	FMCO
D8HZ5230B	M100465	FMCO
D8HZ5230F	M100465	FMCO
D8TZ5230AC	M090538	FMCO
D8TZ5230CF	M065065	FMCO
D9HS5225JA	M100464	FMCO
D9HZ5230A	M085172	FMCO
D9HZ5A231J	J009612	FMCO
DA0796	M065034	WBCO
DA2638	M065034	WBCO
	M065034	KTSU
	M065034	DRSS
DA3580811	M120100	HRSN
DA3590811	M120100	HRSN
DA3590823	M090544	HRSN
DA3590824	M100464	HRSN
DA3590825	M100464	HRSN
DA3590827	M085023	HRSN
DA3590829	M090538	HRSN
DA359088	M090074	HRSN
DA81670	M120108	WRNR
DC200	X004536	UCP
DC225	X004537	UCP
DC250	X004476	UCP
DC275	X004538	UCP
DC300	X004478	UCP
DC350	X004480	UCP
DC400	X004482	UCP
DL0201001	M120189	NPRT
	M120189	NEPN
	M120189	NPLN
DOHZ5230F	M120135	FRTL
	M120135	FMCO
DP51654	M060250	DFLX
DP51654Q	M060250	DFLX
DSC200	X004536	TAC
DSC250	X004476	TAC
DSC275	X004538	TAC
DSC300	X004478	TAC
DSC300N	J000214	TAC
DSC350	X004480	TAC
DSC400	X004482	TAC
DSC500	X004484	TAC
DWM4410	M100464	PDCI
DX004482	X004482	DD
DX004484	X004484	DD
DX3590812	M100049	HRSN
DX3590813	M090535	HRSN
DX359089	M090544	HRSN

E

Mfgs. No.	Our No.	Mfg. Code
E0300478	X007833	DETZ
E0302842	P206849	DETZ
E0303895	P206850	DETZ
E05S5230CA	M100465	FMCO
E0HT5225AB	M090534	FMCO
E0HT5225EB	M100464	FMCO
E0HT5225FA	M120366	FMCO
E0HZ5230A	M090534	FMCO
E0HZ5230B	M090534	FMCO
E0HZ5A231B	J009611	FMCO
E100154	M065044	CLJL
E101	M090544	EAGL
E102	M090544	EAGL
E103	M090535	EAGL
	M090074	EAGL
E104	M090074	EAGL
E106	M090072	EAGL
E108	M090146	EAGL
E109	M085056	EAGL
	M090362	EAGL
E110	M085171	EAGL
E111	M100466	EAGL
E112	M100465	EAGL
E114	M100807	EAGL
E115	M100695	EAGL
E117	M090595	EAGL
E119	M100582	EAGL
E123	M070008	EAGL
E12574828	P207596	ECLD
E12651880	M122300	ECLD
E12651892	P207419	ECLD
E130	M085023	EAGL
E13039	M085023	EAGL
E135	M070028	EAGL
E1351	M070028	EAGL
	M085023	EAGL
E1405	M085171	EAGL
E1HS5230AA	M100463	FMCO
E1HT5225BA	M110014	FMCO
E1HZ5230A	M110014	FMCO
E201	M085023	EAGL
E202	M065065	EAGL
E203	M065065	EAGL
E204	M065065	EAGL
E206	M100048	EAGL
E208	M085008	EAGL
E209	M060232	EAGL
E20ST	J000210	TORCA
E22ST	J000212	TORCA
E230	M065065	EAGL
E2355	M085008	EAGL
E25ST	J000211	TORCA
E27ST	J000213	TORCA
E2HS5225EA	M100146	FMCO
E2HT5225AZB	M120366	FMCO
E2HT5225BCA	M100465	FMCO
E2HT5225BGA	M100465	FMCO
E2HT5225BHA	M100464	FMCO
E2HT5225BM1A	M100465	FMCO
E2HT5225BMA	M100465	FMCO
E2HT5225L	M100465	FMCO
E2HT5230ANA	M085172	FMCO
E2HZ5225AFB	M110012	FMCO
E2HZ5230G	M085189	FMCO
E2HZ5230L	M100465	FMCO
E2HZ5230R	M085172	FMCO
E2HZ5230S	M085172	FMCO
E2HZ5230Y	M090544	FMCO
E2HZ5230Z	M110012	FMCO
E301	M090538	EAGL
E302	M120100	EAGL
E303	M120365	EAGL
E30ST	J000214	TORCA
E31505	M120108	EAGL
E32841	M090159	MJPR
	M090159	CASE
E35ST	J000215	TORCA
E3HT5225RA	M100464	FMCO
E3HZ5230B	M110189	FMCO
E401	M100049	EAGL
E4041463	X004539	ECLD
E4043701	X004482	ECLD
E4047421	X004484	ECLD
E40ST	J000216	TORCA
E45ST	J000219	TORCA
E4HS5225EA	M120365	FMCO
E4HT5230BA	M085189	FMCO
E4HZ5230B	M085172	TERN
E4HZ5230E	M085172	FMCO
E4NN5B233AA17M	X004476	NH
E4NN5N231AA	X004536	NH
	X004536	FMCO
E4NN5N233AA17M	X004476	NH
E502	M120131	EAGL
E50ST	J000217	TORCA
E56990	M120100	LRAN
E5779	M002119	GNRC
E5HS5225BA	M080024	FMCO
E5HZ5230B	M100464	FMCO
E60ST	J000218	TORCA
E650006	M090544	AMHO
E650024	M070050	RYGO
E650057	M085008	AMHO
E650097	M090074	AMHO
	M090074	RYGO
E650102	M090158	AMHO
	M090158	RYGO
E650103	M090170	RYGO
	M090170	AMHO
E650105	M065065	RYGO
E704	M120382	EAGL
E705	M120566	EAGL
E707	M100213	EAGL
E708	M090547	EAGL
E725	M065030	EAGL
E735	M070069	EAGL
E740	M080024	EAGL
E750	M090091	EAGL
E8A0593	M085411	LKBT
E8A0617	M002119	LKBT
E8A0618	P206315	LKBT
E8A0619	M001503	LKBT
E8A0620	M001702	LKBT
E8HT5225LA	M100807	FMCO
E8HZ5230H	M100807	FMCO
E9218031	M090095	ECLD
EB5665	M120418	HOBT
EB5728	P206399	HOBT
EB5792	P208364	HOBT
EB5922	M120418	HOBT
EB5933	P206326	HOBT
EB5944	P206510	HOBT
EB5945	P206411	HOBT
EB5946	P207619	HOBT
EB5954	P206315	HOBT
EB5955	P206365	HOBT
EB5959	P206407	HOBT
EB5960	P206320	HOBT
EB5967	P207354	HOBT
EB5969	P207328	HOBT
EB5972	P206335	HOBT
EB5975	J009649	HOBT
EB5982	P207352	HOBT
EB6010	M065044	HOBT
EB6017	P206851	HOBT
EB6025	P226157	HOBT
EB6071	P206339	HOBT
EB6073	M002118	HOBT
EBC200	X004536	CLMP
EBC225	X004537	CLMP
EBC250	X004476	CLMP
EBC275	X004538	CLMP
EBC300	X004478	CLMP
EBC350	X004480	CLMP
EBC350ALZ	X006204	CLMP
EBC400	X004482	CLMP
EBC400ALZ	X006203	CLMP
EBC500	X004484	CLMP
EBC500ALZ	X006202	CLMP
EBC600	X004539	CLMP
ECL1828	X004482	PAI
ECL1829	X004484	PAI
EE100601	M120225	OKSH
EEM1879	M090544	PAI
EEM1895	M090781	PAI
EEM1896	M090823	PAI
EEM1899	M120566	PAI
EEM1901	M090535	PAI
EEM1917	M120382	PAI
EF9518	P206641	EAGL
EF9520	P206512	EAGL
EG0938	M045237	EGLE
EH0201001	M100048	NPLN
EH11068196	P207394	ECLD
EH6232815	M120131	ECLD
	M120131	VME
	M120131	VLVO
EI10481S	X005207	EAGL
EN163	M060005	WPOW
EN1632	M045237	WPOW
EN164	M070008	WPOW
EN170	M070050	WPOW
EN171	M090009	WPOW
EN20948	M070068	ARDCO
EN20949	M070008	ARDCO
EN20951	M085206	ARDCO
	M085206	PTBN
ENC0144	M070068	ARDCO
ENE0004	M100048	ARDCO
ENE0188	P206333	PTBN
ENE0189	P206334	ARDCO
	P206334	PTBN
ENE0229	P207367	PTBN
	P207367	ARDCO
ENE0292	P206397	ARDCO
ENE0298	P207361	ARDCO
ENE0299	P206556	ARDCO
ENE0300	P207419	ARDCO
ENE0308	P206849	ARDCO
ENE0337	M070068	ARDCO
ENE0340	P206336	ARDCO
ET5048	M065071	HOBT
EX00200008000000	P206407	PSIS
EX00300001000000	P206507	PSIS
EX300017	M060037	RNCO
EX300021	M060158	RNCO
EX300040	M100146	RNCO
EX302240	P208366	RNCO
EX305528	P270531	RNCO
EX306040	P206410	RNCO
EX306140	P206525	RNCO
EX306190	P206519	RNCO
EZ3	J000214	GRMC
EZ35	J000215	GRMC
EZ4	J000216	GRMC
EZ5	J000217	GRMC

F

Mfgs. No.	Our No.	Mfg. Code
F000687	X004538	TJAK
	X004538	JNDR
F004250	M085078	JNDR
F010587	X004478	TJAK
F024660	M070068	TJAK
F054725	M070069	TJAK
F10123	J190059	XMN
	J190059	AMC
F1200	X004536	EAGL
F122005	X004962	TJAK
	X004962	JNDR
F1225	X004537	EAGL
F1250	X004476	EAGL
F1275	X004538	EAGL
F1300	X004478	EAGL
F1350	X004480	EAGL
F1400	X004482	EAGL
F1450	X004962	EAGL
F1500	X004484	EAGL
F1600	X004539	EAGL
F18658	M090170	FRYM
F18685	M045237	CASE
F19008	M090210	FRYM
F240	P206602	EAGL
F250	P206603	EAGL
F2500	J000217	EAGL
F2500PF	J009624	EAGL
F250K	P206611	EAGL
F260	P207596	EAGL
F260K	P207598	EAGL
F2A0375	M100580	LKBT
F300106	M070068	JNDR
	M070068	TJAK
F330	J000227	EAGL
F335	J000228	EAGL

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
F3A0066	P206385	LKBT
F5225	P206404	EAGL
F5300	P206407	EAGL
F5350	P206409	EAGL
F5400	P206410	EAGL
F5500	P206411	EAGL
F5L912	M080018	RDTC
FA3060	P206303	FSA
FB300	M001702	TRUX
FB350	M001502	TRUX
FB388	M001432	TRUX
FB400	M002164	TRUX
FB400C	M002164	TRUX
FB450	M001703	TRUX
FB4C	P206610	GRMC
FB4ZN	P206602	GRMC
FB500	M001865	TRUX
FB500C	M001865	TRUX
FB5C	P206611	GRMC
FB5ZN	P206603	GRMC
FB600	M001505	TRUX
FB6C	P207598	GRMC
FB6ZN	P207596	GRMC
FBC200	X004536	PDCI
FBC225	X004537	PDCI
FBC250	X004476	PDCI
FBC275	X004538	PDCI
FBC300	X004478	PDCI
FBC350	X004480	PDCI
FBC350A	X006204	PDCI
FBC400	X004482	PDCI
FBC400A	X006203	PDCI
FBC450	X004962	PDCI
FBC500	X004484	PDCI
FBC500A	X006202	PDCI
FBC600	X004539	PDCI
FCM060037	M060037	PITC
FCM080024	M080024	DART
	M080024	KW
FCM090091	M090091	PBLT
	M090091	DART
	M090091	KW
FCM100016	M100016	KW
FF2391368	M085409	NH
FF2391369	M002119	NH
FF2393512	P206341	NH
FF2393513	J190013	NH
FF2405090	P206544	NH
FF2410384	P206407	NH
FF2417954	P208326	NH
FF3043171	P206280	NH
FG1133	M070008	PETTI
FG400120	P226142	RKRM
FG40018	J024754	RKRM
FG40024	J024835	RKRM
FG40036	J034743	RKRM
FG40048	P226142	RKRM
FG500120	P226143	RKRM
FG50018	J024755	RKRM
FG50024	J024837	RKRM
FG50036	J034744	RKRM
FI46070	J190059	XMN
	J190059	AMC
FL2	X004536	GRMC
FL225	X004537	GRMC
FL25	X004476	GRMC
FL275	X004538	GRMC
FL3	X004478	GRMC
FL35	X004480	GRMC
FL4	X004482	GRMC
FL404	P206616	RKRM
FL4A	X006203	GRMC
FL5	X004484	GRMC
FL5A	X006202	GRMC
FL6	X004539	GRMC
FMC090091	M090091	KW
FP1503535	M090210	PTBN
FS1719	J190059	SAKR
FS30018	P206552	RKRM
FS35012	J240005	RKRM
FS35018	P206553	RKRM
FS35024	J024850	RKRM
FS40018	P206554	RKRM
FS40024	J024836	RKRM
FS40030	J024836	RKRM
FS40036	J034673	RKRM
FS50012	J240007	RKRM
FS50018	P206555	RKRM
FS50024	J024838	RKRM
FS50036	J024837	RKRM
FT300	P226129	RKRM
FT300SS	P226132	RKRM
FT350	P226154	RKRM
FT350SS	P226133	RKRM
FT400	P226155	RKRM
FT400SS	P226156	RKRM
FT500	P226157	RKRM
FT500SS	P226158	RKRM
FTG2001925	P226148	RKRM
FTG2501925	P226149	RKRM
FTG30015	P226129	RKRM
FTG3001925	P226129	RKRM
FTG35015	P226154	RKRM
FTG3501925	P226154	RKRM
FTG40015	P226155	RKRM
FTG4001925	P226155	RKRM
FTG50015	P226157	RKRM
FTG5001925	P226157	RKRM
FTS35019	P226133	RKRM
FTS40019	P226156	RKRM
FTS50019	P226158	RKRM

G

Mfgs. No.	Our No.	Mfg. Code
G1007513	P210110	UCP
G1007514	X006202	UCP
G1007531	P213191	TRMF
G1007778	P206404	PRVT
G12322838	M065065	VLVO
G12322863	M120365	VLVO
G153300	P226129	GRMC
G1535300	P226154	GRMC
G154300	P226155	GRMC
G155300	P226157	GRMC
G2013323	M100213	VLVO
G2036932	X004484	CASE
	X004484	PTN
G2584801	M002121	GRDL
G2957	J190059	CHAP
G33505	X004478	PTBM
G6442	J190059	FRAM
G695424	M100048	VLVO
G717214	M100464	VLVO
G798803	M090538	VLVO
G9013928	M120108	VLVO
G9013982	M120108	VLVO
GD125065	P270539	LROI
GD1402841	M120365	LROI
GD1406486	X004484	LROI
GD1413616	M090009	LROI
GD1417607	P207365	LROI
GD1417608	M120365	LROI
GD1422024	M060037	LROI
GD169026	P206407	LROI
GD1755012	M085090	LROI
GD183184	P206411	CMPR
	P206411	LROI
GD200SPQ063	M120100	LROI
GD2016573	M120108	LROI
GD202SPT063	M122300	LROI
GD302650	X004539	LROI
GD5000268	P206410	LROI
GD5826466	X004480	LROI
GD5827462	M090158	LROI
GD5840015	M090535	LROI
GD7144099	P270536	LROI
GD98J11	P206411	LROI
	P206411	CMPR
GD98J14	P206407	LROI
GD98J3	P206410	LROI
GD98J8	P206404	LROI
GF3120	P226140	GRMC
GF35120	P226141	GRMC
GF35300	P226154	GRMC
GF412	P224479	GRMC
GF4120	P226142	GRMC
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GF424	J024835	GRMC
GF4300	P226155	GRMC
GF436	J034743	GRMC
GF512	P224481	GRMC
GF5120	P226143	GRMC
GF518	J024755	GRMC
GF524	J024837	GRMC
GF5300	P226157	GRMC
GF536	J034744	GRMC
GF6120	P226150	GRMC
GF668	J190059	AC
GH0201001	M100048	NPRT
	M100048	NEPN
	M100048	NPLN
GH115PL	P205834	RKRM
GH121PL	P205834	RKRM
GH124PL	P205834	RKRM
GH18C	P206641	PDCI
GH18S	P206641	GRMC
GH24S	P205834	GRMC
GR91083250	M065034	PTBN
GVMA4191927029	M070068	FRTL
GVMA4194927029	M070068	FRTL

H

Mfgs. No.	Our No.	Mfg. Code
H00454	P207397	HOIST
H0047013	M001866	JNDR
H0047014	M001867	JNDR
H037006	M070008	DRSS
H092659	M080018	DRSS
H10	P206507	GRMC
H1000	P206519	RKRM
H1015	P206521	RKRM
H1510	P206521	RKRM
H200	J000220	AP
H212	J000221	TRUX
	J000221	AP
H214	J000222	TRUX
	J000222	AP
H234	J000224	AP
	J000224	TRUX
H300	J000227	AP
	J000227	MDIESL
	J000227	TRUX
	P206523	RKRM
H300P	P206407	TRUX
H312	J000228	AP
	J000228	TRUX
H312P	P206409	TRUX
H350	P206524	RKRM
H360339430	X004536	KTSU
H37006	M070008	GALN
H400	J000230	AP
	J000230	TRUX
	P206525	RKRM
H400P	P206410	TRUX
H412	J000231	AP
	J000231	TRUX
H500	J000232	TRUX
	J000232	AP
	P206526	RKRM
H500P	P206411	TRUX
H500Z	J000232	TRUX
H556	M002121	RKRM
H580	P206517	RKRM
H600	J000233	AP
	J000233	TRUX
	P206515	RKRM
H700	P206516	RKRM
H811	P206520	RKRM
H850	P206517	RKRM
H900	P206518	RKRM
H92659	M080018	GALN
HC2738	M070069	FMC
	M070068	LKBT
HD0714	X004536	HAVA
HD0716	P206279	HAVA
HD0718	P206280	HAVA
HD0732	P206313	HAVA
HD0736	P206315	HAVA
HD0738	P206316	HAVA
HD0740	P206317	HAVA
HD0746	P206340	HAVA
HD0748	P206342	HAVA
HD0750	P206344	HAVA
HD0766	P226141	HAVA
HD0768	P226142	HAVA
HD0770	P226143	HAVA
HD0780	P207333	HAVA
HD0782	P207339	HAVA
HD0794	P207382	HAVA
HD0804	P208348	HAVA
HD0806	P208364	HAVA
HD0808	P208380	HAVA
HD0810	P270530	HAVA
HD0812	P270531	HAVA
HD0814	P270532	HAVA
HD0818	P270534	HAVA
HD0820	P270535	HAVA
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HD0830	P270541	HAVA
HD0834	P270543	HAVA
HD0841	P206605	HAVA
HD0842	P206606	HAVA
HD0843	P206607	HAVA
HD0850	P206612	HAVA
HD0860	P207567	HAVA
HD0865	P206615	HAVA
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HD201	M060232	RKRM
HD2014	H001032	HAVA
HD2015	H001033	HAVA
HD2016	H001034	HAVA
HD2017	H001035	HAVA
HD2030	H001278	HAVA
HD2031	H001279	HAVA
HD2036	H001284	HAVA
HD2190	M045123	HAVA
HD2200	M060037	HAVA
HD2210	M060038	HAVA
HD2220	M065030	HAVA
HD2230	M070068	HAVA
HD2240	M070069	HAVA
HD2250	M080024	HAVA
HD2260	M090091	HAVA
HD2265	M100016	HAVA
HD250	M065065	RKRM
HD2500	M065065	RKRM
HD2501	M065065	RKRM
HD2502	M065065	RKRM
HD2503	M065065	RKRM
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HD25039	M065065	RKRM
HD2510	M065065	RKRM
HD25739	M065065	RKRM
HD278	M065065	RKRM
HD3078	M085023	RKRM
HD325	M065065	RKRM
HD350	M070028	RKRM
HD3530	M085008	RKRM
HD357	M085008	RKRM
HD358	M085008	RKRM
HD359	M070028	RKRM
HD363	M070028	RKRM
HD3631	M070028	RKRM
HD3810	X004478	HAVA
HD3811	X004480	HAVA
HD3812	X004482	HAVA
HD3815	X004484	HAVA
HD3995	M085084	HAVA
HD4012	M100146	HAVA
HD4020	M045237	HAVA
HD4025	M070008	HAVA
HD403	M085171	RKRM
HD4035	M080018	HAVA
HD404	M085171	RKRM
HD4040	M090009	HAVA
HD405	M085171	RKRM
HD4070	M090170	HAVA
HD4075	M090158	HAVA
HD4080	M120100	HAVA
HD4090	M120365	HAVA
HD4095	M170101	HAVA
HD4130	M090535	HAVA
HD414	M090594	HDMI
HD4170	M100043	HAVA
HD4230	M090535	HAVA
HD4310	M060232	HAVA
HD4315	M060232	HAVA
HD4320	M065065	HAVA
HD4380	M085056	HAVA
HD449	M085171	RKRM
HD500	M090074	RKRM
HD6017	M100048	RKRM
HD7034	M090538	RKRM
HD9000	P206407	HAVA
HD9002	P206409	HAVA
HD9004	P206410	HAVA
HD9006	P206411	HAVA
HD9035	P206406	HAVA
HD9830	M120197	HAVA
HH404X	P207567	EAGL
HH505X	P207566	EAGL
HT0549	P270539	LKBT
HT0739	M090009	FMC
HT739	M090009	FMC
HW0449	M090544	WBCO
	M090544	DRSS

I

Mfgs. No.	Our No.	Mfg. Code
I400	P270539	EAGL
I500	P270837	EAGL

Mfgs. No.	Our No.	Mfg. Code
I500K	P270838	EAGL
IE00001	P206340	HOIST
IE00002	P206393	HOIST
IE00006	P206372	HOIST
IE00012	M080018	HOIST
IH028	M065065	MRMT
IH0859	M070008	FMC
IH28	M065065	MRMT
IH859	M070008	FMC
II00007	P207367	HOIST
II00036	P206849	HOIST
II00037	P206850	HOIST
II00038	P206336	HOIST
IPS0848	M090544	CHLN
IPS2453	M070050	CHLN
IPS4174	M060232	CHLN
IPS41742	M065065	CHLN
IPS4586	M120154	CHLN

J

J009469	J009649	MARTIN
J009648016147	J009648	HRCN
J1000406	J190060	THOM
J100046	J190060	THOM
J100122	J000224	THOM
J100123	P206610	THOM
J100180	P206608	THOM
J100287	X007784	THOM
J100321	J000221	THOM
J1541491	H001032	CASE
	H001032	PTN
J240001	P206544	AGEM
J600847	J190061	THOM
J600848	J240005	THOM
J601089	P224412	THOM
J7H0053	M120566	LKBT
J9A0331	M101171	LKBT
J9A0337	M002121	LKBT
J9A0478	M090362	LKBT
J9A0496	M002120	LKBT
JB7144099	P270536	GRDR
JE0201070022	X006202	NPRT
	X006202	NPLN
JS219802	M065034	BADG
JS508420	M090158	BADG
JY9	P207667	EIMC

K

K0773421	X007805	KW
K0773451	X007824	KW
K16854	M100580	PACC
	M100580	KW
	M100580	DART
K16854BULK	M100580	KW
K16858	M100582	KW
	M100582	PACC
	M100582	DART
	M100582	KENPAR
K16858BULK	M100582	KW
K18014764L	J038611	KW
K18014764R	J038612	KW
K1805419	J018110	KW
K3036952	X004482	PTN
	X004482	CASE
K324SBA	P208330	GRMC
K324SBC	J240016	GRMC
K3524SBA	P208338	GRMC
K3536EXC	P216200	GRMC
K3548EXC	P207319	GRMC
K424EXA	J024746	GRMC
K424EXC	J024757	GRMC
K424SBA	J024750	GRMC
	J024748	GRMC
K424SBC	J024749	GRMC
K436EXA	P208366	GRMC
K436EXC	J034746	GRMC
K436SBA	P208358	GRMC
K436SBC	P208359	GRMC
K448EXA	P207295	GRMC
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K472EXC	P216202	GRMC
K472SBC	J640005	GRMC
K484EXC	P224635	GRMC
K496EXC	P224636	GRMC
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K524EXA	J024747	GRMC
K524EXC	J024758	GRMC
K524SBC	J024751	GROCK
K536EXC	P216204	GRMC
K536SBA	P208374	GRMC
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K548SBC	P206387	GRMC
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K584EXC	P224638	GRMC
K596EXC	P209910	GRMC
K596SBC	P209912	GRMC
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KM3103	M085189	RKRM
KPFA015	P224684	KBCO
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	X004476	NFC
KYX004478	X004478	MUNCIE
	X004478	NFC
	X004478	DART
KYX004478210	X004478	DART
KYX004480	X004480	SLAR
	X004480	VANAIR
	X004480	NFC
	X004480	DART
	X004480	CNLC
KYX004480016	X004480	TAC
KYX004482	X004482	DART
	X004482	NFC
	X004482	VANAIR
	X004482	NAVI
	X004482	SLAR
	X004482	FRTL
	X004482	PRVT
KYX004482210	X004482	DART
KYX004484	X004484	DART
	X004484	UCP
	X004484	STEW
	X004484	MARWIL
	X004484	FRTL
	X004484	CRAN
	X004484	SWEE
KYX004484210	X004484	DART
KYX004536	X004536	FRTL
	X004536	DART
KYX004537	X004537	WSTI
	X004537	DART
KYX004538	X004538	NFC
	X004538	DART
KYX004539	X004539	DART
KYX005207	X005207	DART
KYX005833	X007785	DART
KYX006202	X006202	FRTL
KYX006203	X006203	FRTL
	X006203	WSTI
KYXO04484	X004484	CRAN

L

L013782	M070028	CASE
L014219	M085056	CASE
L046279	M080018	CASE
L09379	M120108	CASE
L09381	M120100	CASE
L1246812	M090158	PETTI
L1246819	M070069	PTBN
	M070069	PETTI
L125497	P270543	CASE
L13782	M070028	CASE
L14219	M085056	VENCH
	M085056	CASE
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L200NE	P207322	RKRM
L20SA	J190056	TORCA
L22SA	J190057	TORCA
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	M070008	PTBN
L246811	M070008	PETTI
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L25045	P206279	RKRM
L25045NE	P207349	RKRM
L250NE	P207324	RKRM
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L27SA	J190059	TORCA
L300	P206341	RKRM
L30045	P206280	RKRM
L30045NE	P207351	RKRM
L300F	P206341	RKRM
L300FNE	P207326	RKRM
L300FS	P206340	RKRM
L300NE	J190013	RKRM
L300SB	P206397	RKRM
L300SR	P207362	RKRM
L30AA	J009604	TORCA
L30SA	J190060	TORCA
L3150404SA	P206393	GRMC
L3450808A	P206280	GRMC
L3450808SA	P207351	GRMC
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L35015	P206394	RKRM
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L35030NE	J009635	RKRM
L35045	P206281	RKRM
L35045NE	P207352	RKRM
L35060	J009639	RKRM
L350CR	P206343	RKRM
L350F	P224669	RKRM
L350FNE	P207327	RKRM
L350FS	P206342	RKRM
L350NE	P207328	RKRM
L350SB	P206398	RKRM
L350SR	J190014	RKRM
L35150404SA	P206394	GRMC
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L35901616A	P206343	GRMC
L35901616SA	P207328	GRMC
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L35SA	J190061	TORCA
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L3900707A	P206340	GRMC
L3901010SA	P207326	GRMC
L3901414A	P206341	GRMC
L3901414SA	J190013	GRMC
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L40045SR	P207354	RKRM
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L400CR	P206345	RKRM
L400F	P206282	RKRM
L400FNE	P206346	RKRM
L400FNEPL	J190016	RKRM
L400FPL	P207345	RKRM
L400FS	P206344	RKRM
L400FSPL	P207345	RKRM
L400NE	P207329	RKRM
L400NECR	J190016	RKRM
L400PL	P206353	RKRM
L400SB	P206399	RKRM
L400SR	P207364	RKRM
L401	P206345	RKRM
L40AA	J009606	TORCA
L40BA	P222740	TORCA
L40SA	J009623	TORCA
L4150404SA	P206395	GRMC
L4300404A	J009632	GRMC
L4300404SA	J009636	GRMC
L4450909A	P206282	GRMC
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L4450909SA	P207353	GRMC
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L450F	J190002	RKRM
L45AA	J190054	TORCA
L45SA	J190062	TORCA
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L4600808SA	J009644	GRMC
L46279	M080018	CASE
L488	J008681	RKRM
L4900606SA	P206399	GRMC
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L4900808SA	P207364	GRMC
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L4901212SA	P206346	GRMC
L4901818A	P206345	GRMC
L4901818C	P206353	GRMC
L4901818SA	P207329	GRMC
L4901818SC	J190016	GRMC
L490181A	P206345	GRMC
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L50045F	J190025	RKRM
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L50045PL	P206286	RKRM
L50045SR	P207354	RKRM
L50045SRPL	P216169	RKRM
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L50060NE	J009645	RKRM
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L500PL	P206354	RKRM
L500SB	P206400	RKRM
L500SR	P207365	RKRM
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L50BA	P222741	TORCA
L50SA	J009624	TORCA
L510	P207339	RKRM
L510PL	J009547	RKRM
L512	P207339	RKRM
L512CR	P207339	RKRM
L512NE	P207332	RKRM
L512NEPL	J190019	RKRM
L512PL	J009547	RKRM
L5150404SA	P206396	GRMC
L5300404A	J009633	GRMC
L5300404SA	J009637	GRMC
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L5450808SA	P207354	GRMC
L5450808SC	P216169	GRMC
L5451212A	P206283	GRMC
L5601010A	J009641	GRMC
L5601010SA	J009645	GRMC
L5901010A	J190003	GRMC
L5901010C	J190004	GRMC
L5901010SA	P207365	GRMC
L590101A	J190003	GRMC
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L600FNE	P216175	RKRM
L600NE	P216175	RKRM
L600SB	P207366	RKRM
L600SR	P207365	RKRM
L60AA	J190055	TORCA
L60BA	P222742	TORCA
L60SA	J190063	TORCA
L6451515A	P207359	GRMC
L6451515SA	P207355	GRMC
L6656	M080018	PETTI
L67657	P207362	GEHL
L6901313A	P207341	GRMC

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
L847141	M060232	PETTI
LA1247	P270538	PTBN
LA99816	P206344	PTBN
LBP5510	M100463	PDCI
LE0201001	M120108	NPRT
	M120108	NPLN
LG0203015	P206516	NPLN
LG503791	M100466	BADG
LG76402	P270539	BADG
LG77619	P206410	BADG
LG77625	M100464	BADG
LG78701	P270541	BADG
LI246819	M070069	PTBN
LL240518	P226132	PTBN
	P226144	PTBN
LL3690391	P206341	PTBN
LL400	P207338	RKRM
LL500	P207340	RKRM
LL847117	M085056	PTBN
LL847120	M120100	PTBN
	M120100	PETTI
LL847127	M090158	PTBN
	M090158	PETTI
LL847141	M060232	PTBN
LL847156	M120154	PETTI
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LL847160	M100048	PTBN
LL847181	M090146	PETTI
LL847245	M090210	PTBN
LL84726	M070008	PETTI
LL84729	M070008	PTBN
	M070008	PETTI
LL847307	M080024	PTBN
LL847322	M070068	PTBN
LL847325	M090362	PTBN
LL84735	M120100	PETTI
LL84736	M120100	PETTI
LL84737	M085023	PETTI
	M085023	PTBN
LL847372	X007831	PETTI
LL847373	X004480	PTBN
LL847375	P207281	PTBN
LL847381	H001284	PTBN
LL847386	X004482	PTBN
LL847410	P206325	PTBN
LL847413	M085207	PTBN
LL847414	X004478	PTBN
	X004478	ARDCO
LL847427	M090598	PTBN
LL847428	X004476	PTBN
LL847429	M065044	PTBN
LL847430	J190058	PTBN
LL847437	M090280	PTBN
LL847450	M085056	PTBN
LL847451	P207362	PTBN
LL847458	M101169	PTBN
LL847462	P207329	PTBN
LL847463	M101168	PTBN
LL847464	M002121	PTBN
LL847469	P206849	PTBN
LL847474	J009648	PTBN
LL847481	P207338	PTBN
LL847482	M091048	PTBN
LL847483	M002120	PTBN
LL847485	P207352	PTBN
LL847493	P207402	PTBN
LL847506	P206544	PTBN
LL84771	M085008	PTBN
	M085008	PETTI
LL84786	M045237	PETTI
LL84788	M065065	PETTI
LL84796	M070028	PETTI
	M070028	PTBN
LN4590	M090781	PDCI
LN5590	M090074	PDCI
LND5510	M100582	PDCI
LNS5510	M100580	PDCI
LP35095B	M065140	PTBN
LP501	J009560	RKRM
LPP00200	P206544	PTBN
LPP12169	P206405	PTBN
LPP19262	M085078	PTBN
LPP32697	M085207	PTBN
LT350	M070028	RKRM
LT359	M070028	RKRM
LT400	M090362	RKRM
LT409	M090072	RKRM
LT509	M090362	RKRM
LVA13826	M001866	JNDR
LVA13827	M001867	JNDR

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Mfgs. No.	Our No.	Mfg. Code
M00118	P226148	HOIST
M001756016210	M001756	FLPW
M001867248147	M001867	FLPW
M002117248147	M002117	DIND
M002122248147	M002122	GRVE
M00369	P206540	HOIST
M003691	P206510	HOIST
M01028	P206376	HOIST
M03605	P207326	HOIST
M03843	P206511	HOIST
M03844	J009429	HOIST
M03845	M090544	HOIST
M0507064	M070008	VLVO
M0532603	M070028	ECLD
M060305	P206397	HOIST
M06305	P206397	HOIST
M06306	P207351	HOIST
M065072	M065044	KUTK
M06554	M045237	HOIST
M08310	P226144	HOIST
M085141	M085056	CUMS
	M085056	PKNS
M085267Q	M085267	AP
M085411248147	M085411	BOSS
M09002	P207405	HOIST
M090161	M090535	FLPW
M09605	J008671	HOIST
M0M120108	M120108	KW
M0M120450171	M120450	KW
M1000146	M100146	VLVO
M100582Q	M100582	AP
M100585	M100580	FRTL
	M100580	VLVO
M10102	M090535	ACFT
M10108	M090544	ACFT
M101134	M100580	MF
M101135	M100582	MF
M10127	M085171	ACFT
M10130	M100465	ACFT
M10196	M100582	ACFT
M102	M090535	GRMC
M10266	P206333	HOIST
M10514	M090781	ACFT
M10531	M100580	ACFT
M106	M090158	GRMC
M10682	M100465	ACFT
M10713	M090544	ACFT
M10739	M090535	ACFT
M10740	M090781	ACFT
M1090074	M090074	AJMC
M11058	J009636	HOIST
M11154	P207351	HOIST
M115	M120154	GRMC
M11576	P206393	HOIST
M117	M120365	GRMC
M11997	P206510	HOIST
M11998	M085023	HOIST
M120186	M120365	DINA
M120234	M120235	CUMS
M120450171	M120450	PACC
M121	M120131	GRMC
M121L	M120450	GRMC
M12410	P206336	HOIST
M12429	P207326	HOIST
M127	M085171	GRMC
M12967141	H001039	ECLD
M12969628	M090534	ECLD
M12969629	P206364	ECLD
M12969630	X007784	ECLD
M12969930	M090538	ECLD
M130	M100580	GRMC
M13035	M085411	HOIST
M13069	J000200	HOIST
M13070	P206340	HOIST
M131	M090544	GRMC
M132	M090074	GRMC
M13207	J009648	HOIST
M13209	P207353	HOIST
M13326	J008681	HOIST
M13327	P206346	HOIST
M13328	P222757	HOIST
M13329	P270539	HOIST
M13653	P206399	HOIST
M139	M085023	GRMC
M144	M090362	GRMC
M14410	P207318	HOIST
M145	M090072	GRMC
M147	M120108	GRMC
M149	M120382	GRMC
M14954	P206410	HOIST
M14958	M090594	HOIST
M150	M070028	GRMC
M15035	P206346	HOIST
M15036	J009644	HOIST
M1512238	M100049	ECLD
	M100049	VLVO
M1517515	M090091	ECLD
M1518825	M120154	VLVO
	M120154	ECLD
M152238	M100049	CLRK
M153	M090280	GRMC
M1543567	M120108	ECLD
M1545546	M090074	ECLD
	M090074	CLRK
M15456	M085407	HOIST
M15467	P206315	HOIST
M15469	P206374	HOIST
M15470	P206386	HOIST
M15542	P208389	HOIST
M15620	P206512	HOIST
M15660	P206395	HOIST
M15661	P206311	HOIST
M15666	P206543	HOIST
M15667	P206508	HOIST
M15679	J009486	HOIST
M15698	M002120	HOIST
M1585116	H001034	ECLD
M15877	M100580	HOIST
M15883	P207332	HOIST
M15884	P206396	HOIST
M15888	P206375	HOIST
M15894	P222759	HOIST
M159851	J024739	HOIST
M16208	P207362	HOIST
M16307	J009645	HOIST
M16323	P206509	HOIST
M16557	P206508	HOIST
M180	M122300	GRMC
M185	M090563	GRMC
M1902490	M070069	ECLD
	M070069	CLRK
M1925199	X004480	ECLD
M20125	M120100	ACFT
M20137	M065065	ACFT
M20139	M085023	ACFT
M20147	M120108	ACFT
M20153	M090280	ACFT
M20183	M085172	ACFT
M20185	M090563	ACFT
M20213	M090538	ACFT
M20512	M090520	ACFT
M20529	M110189	ACFT
M22260	M060232	PDCI
M2244	M045237	PDCI
M22525662	M065065	PDCI
M23385	M085023	PDCI
M23385X32	M085078	PDCI
M235358X11	M090158	PDCI
M235385	M085008	PDCI
M23548X11	M090520	PDCI
M24358X11	M090538	PDCI
M24410	M100048	PDCI
M24410X15	M120100	PDCI
M24411	M110012	PDCI
M24411X36	M110189	PDCI
M2448X11	M090534	PDCI
M250170	M090538	RXRD
M2501803	M090170	VLVO
M2510883	M090159	ECLD
M2512224	M170101	VLVO
M2513322	X004484	ECLD
M2520560	M070068	ECLD
M252666	M065071	PDCI
M2527050	M120108	VLVO
M2528407	M090159	VLVO
M2531311	M120189	VLVO
M25510X15	M120108	PDCI
M25510X36	M120365	PDCI
M25511	M110077	PDCI
M2A252785	M085172	PDCI
M2A25385	M085189	PDCI
M2A2748X11	M090563	PDCI
M30510	M090547	ACFT
M30511	M090548	ACFT
M30537	M090547	ACFT
M3380	M080018	PDCI
M34410X15	M120382	PDCI
M344116X3	M110479	PDCI
M34411X36	M110479	PDCI
M34510X15	M120566	PDCI
M34590	M090823	PDCI
M353570	M070028	PDCI
M353590	M090146	PDCI
M35510	M100213	PDCI
M3612123	M065044	KRAM
M3676064	X004478	ECLD
M4010	M100466	RKRM
M4047421	X004484	ECLD
M4090	M090544	RKRM
M435408X11	M090548	PDCI
M435418X11	M090547	PDCI
M4410	M100466	PDCI
M44410	M100052	PDCI
M44410X15	M120367	PDCI
M4485	M085171	PDCI
M4490	M090544	PDCI
M4510	M100695	PDCI
M451051	M100695	PDCI
M45510X15	M120366	PDCI
M45511	M110014	PDCI
M4590	M090781	PDCI
M4590SP	M090544	TESSI
M465	M100944	GRMC
M5010	M100465	RKRM
M503	M120366	GRMC
M5090	M090535	RKRM
M511	M090548	GRMC
M512	M090520	GRMC
M514	M090781	GRMC
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M5209756	M090158	CLRK
	M090158	ECLD
M525	M085189	GRMC
M526	M100213	GRMC
M529	M110189	GRMC
M5294859	X004482	ECLD
M530	M110112	GRMC
M537	M090547	GRMC
M5384540	P270534	CLJL
M542	M120566	GRMC
M54410	M100049	PDCI
M54410X15	M120154	PDCI
M5510	M100465	PDCI
M5510SP	M100465	TESSI
M5510X67	M100807	PDCI
M551X67	M100807	PDCI
M55510X15	M120131	PDCI
M5590	M090535	PDCI
M595	M090595	GRMC
M6002355	M100048	MIIN
M6006049	M090072	ECLD
M6010469	M085056	ECLD
M669473	P206404	CLJL
M70069	M070069	VMER
M724	M110479	GRMC
M790758	P206406	CLJL
M824607	P206405	CLJL
MA399C	X004480	ALMD
MAM110014	M110014	DART
MAN090598	M090598	DENY
MB0715	M090091	WBCO
	M090091	DRSS
MBT0323479000	H001034	FRTL
MBTA0416422000	M120365	FRTL
MBTA0416704002	M110311	FRTL
MBTA3764920159	P206554	FRTL
MBTA3764921340	X007784	FRTL
MBTA3764921940	X007830	FRTL
MBTA3764922104	P206311	FRTL
MD820228	X004478	GM
MDM120131	M120131	KW
ME355M	M065071	ALMD
ME421M	M065044	ALMD
ME423MH	M002118	ALMD
ME431M	M070028	ALMD
ME439M	M060158	ALMD
ME444B	X004536	ALMD
ME450MB	M002117	ALMD
ME454M	M091048	ALMD
ME455C	M002120	ALMD
ME458M	M090595	ALMD
ME459ES	P207298	ALMD
ME460C	J000232	ALMD
MH0811	P206520	PDCI
MH1000	P206519	PDCI
MH1015	P206521	PDCI
MH600	P206515	PDCI
MH700	P206516	PDCI

Mfgs. No.	Our No.	Mfg. Code
MH850	P206517	PDCI
MH900	P206518	PDCI
MIS6223	P224515	RYKE
MIY0001	X004478	ARDCO
MIY0017	P270538	ARDCO
MIY0028	P206600	ARDCO
MIY0042	P207326	PTBN
MIY0067	P206397	ARDCO
	P206397	PTBN
MIY0119	P206336	ARDCO
MIY0136	P206310	PTBN
MK160668	M060251	KOEH
MK21698	J028528	GRMC
MM313	M045237	PETTI
MM322	M065034	PETTI
MO90159	M090159	IR
MOM120367	M120367	DART
MOM120382	M120382	DART
MOM120450171	M120450	KW
MPT20	M060247	PDCI
MPT25	M060005	PDCI
MPT30	M070008	PDCI
MPT35	M070050	PDCI
MPT40	M090009	PDCI
MR200	M060037	RKRM
MR250	M065030	RKRM
MR300	M070068	RKRM
MR350	M070069	RKRM
MR40	M090362	PDCI
MR400	M080024	RKRM
MR50	M090072	PDCI
MR500	M090091	RKRM
MR55	M090072	PDCI
MRSC225	X004537	MEDINA
MRSC250	X004476	MEDINA
MRSC275	X004538	MEDINA
MRSC300	X004478	MEDINA
MRSC350	X004480	MEDINA
MRSC400	X004482	MEDINA
MUF20006	M045237	WRTH
MUF57	M070008	WRTH
MX251766	P206607	DAEW
MY365946	P206303	MBSI

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N0901005H	M090158	OTWA
N0901008H	M100043	OTWA
N090100BH	M100043	OTWA
N100181	P206523	CASE
N100269	M002119	CASE
N100270	M085411	CASE
N100282	M002121	CASE
N100283	M101171	CASE
N100413	M060158	CASE
N100615	M045237	CASE
N101742	P270530	CASE
N102193	X007784	CASE
N102252	X006203	CASE
N102293	J000227	CASE
N102766	M065074	CASE
N102809	M002118	CASE
N103549	J000204	CASE
N21470A	M090544	DREO
N23505789	P206607	CASE
N2N89521K	X004536	EIMC
N3440421	M070068	CASE
	M070068	PTN
N37820490	J190059	MZDA
N426683001	M065065	ONAN
N44518	J000202	NOVA
N5L2058	P270530	CASE
N90871A	J000206	CASE
N90873A	J000200	CASE
NAYN001710	M001503	HAY
ND28028AG	P270534	CASE
NP300	J009514	RKRM
NP350	J009516	RKRM
NP400	J009518	RKRM
NP606524	P206524	CASE
NPN07846	P224515	IRKA
NX14141103	P206339	CASE
NX14152048	P270532	CASE
NX14152064	M065071	CASE
NX14152065	P270535	CASE
NX14152067	M070028	CASE
NX14152068	P270538	CASE
NX14152069	P206601	CASE
NX14152072	P270535	CASE

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OD5443A	P207339	GNRC
OD5443R	J190003	GNRC
OD5745	P210110	GNRC
OD6667	P206615	GNRC
OD667R	P206615	GNRC
OD8473	M085090	GNRC
OD8473R	M085090	GNRC
OD9906B	P207584	GNRC
OE1290	P207332	GNRC
OE2251	P206344	GNRC
OE5058	P207330	GNRC
OE5063	P206344	GNRC
OE5954	M065030	GNRC
OE5955	M070068	GNRC
OE6312	P207620	GNRC
OE6778	J000227	GNRC
OF0629	P206374	GNRC
OF0630	P206375	GNRC
OG1156	J190017	GNRC
OH4885	M080024	GNRC
OLA00124007	P270538	PTBN
OLI02468019	M070069	PTBN
OMH1015	P206521	GRMC
OMH8511	P206520	GRMC
OR250	P207389	RKRM
OR252	J008942	RKRM
OR275	P206324	RKRM
OR350	P206324	RKRM
OR353	P206325	RKRM
OR375	P207386	RKRM
OR430	P206326	RKRM
OR435	P206327	RKRM
OR540	P206328	RKRM
OR650	P207394	RKRM
ORA23180090	M100048	PTBN
ORO23180028	M085023	PTBN
ORO23180037	M085008	PTBN
ORO23180065	M070069	PTBN
ORO23180066	M070069	PTBN
ORO23180096	M070068	PTBN
OV35032	M085008	RKRM
OV352	M085008	RKRM
OV40032	M120100	RKRM
OV406	M100049	RKRM
OV409	M090538	RKRM
OV414	M100049	RKRM
OV449	M090538	RKRM
OV50032	M120365	RKRM

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P03979	M120100	IVECO
P1003952	M080018	ATHEY
	M080018	ATHP
P1005583	P206282	ATHP
	P206282	ATHEY
P1005585	M100572	ATHEY
	M100572	ATHP
P1005586	P270539	ATHEY
	P270539	ATHP
P103952	M120418	OKSH
P106281	P206281	EAC
P107097	M085023	OKSH
P109398	M085090	OKSH
P17547	M065065	LULL
P17581	M060232	LULL
P1906	M090009	CHLN
P19262	M085078	LULL
P19871	M060158	LULL
P1997770	M120131	S-FIRE
P20352	M085023	CHLN
P204190	P206304	ATHEY
	P206304	ATHP
P206284	P207359	GNRC
P206376	P206375	UPFR
P206397016147	P206397	SCHAE
P206543016147	P206543	SCHAE
P206614	P206641	VLVO
P207639	P270539	EAC
P2120402592	M090170	CMI
P224617016	P224617	AGEM
P224617248	P224617	AGEM
P2340486G	P270536	PTN
	P270536	CASE
P250011	M120365	ROSS
P250016	P206323	ROSS
P250018	P270541	ROSS
P250019	P206411	ROSS
P250021	P206410	ROSS
P250076	X004482	ROSS
P250077	X004484	ROSS
P250078	P207309	ROSS
P250249	P270539	ROSS
P250263	P206407	ROSS
P250265	P206340	ROSS
P250338	P206283	ROSS
P250366	M122300	ROSS
P250392	X004480	ROSS
P2652300	M101181	S-FIRE
P270839	P270539	PERK
P28181	P270539	LULL
P2980009147	P206407	CMI
P2980518392	M090538	CMI
P2980524292	M100463	CMI
P2980524822	J009607	CMI
P2980524892	J009607	CMI
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P2980535892	P207332	CMI
P2980536192	P206318	CMI
P2980578392	M090538	CMI
P3005100	J092689	S-FIRE
P308480	M090301	WKSA
P308481	P206342	WKSA
P3114118101	P206340	CMI
P3141445	M120131	PTN
P32697	M085207	LULL
P3420091	P206323	S-FIRE
P3421291	M170101	S-FIRE
P3422043	M190002	S-FIRE
P3423079	M120749	S-FIRE
P35005100	J092689	S-FIRE
P3670	M060037	ROSS
P3836991S	M001702	CASE
P4302	M065030	ROSS
P436EXC	P224699	GRMC
P436SBC	P224698	GRMC
P43997	P206407	ATHP
	P206407	ATHEY
P4454	P206405	ROSS
P4468	P270534	ROSS
P448EXC	P224605	GRMC
P448SBC	P224701	GRMC
P4591	P206279	ROSS
P4592	P206339	ROSS
P47984	M070008	ATHP
	M070008	ATHEY
P48094	M070008	ATHP
P49375	M065034	ATHP
P501709010	M070069	SLVN
P501709012	M100016	SLVN
P50170909	M065030	SLVN
P501878533	M085207	SLVN
P525873	P206344	ATHP
	P206344	ATHEY
P532697	M085207	LULL
P536SBC	P216227	GRMC
P548SBC	P216228	GRMC
P560EXC	P224608	GRMC
P560SBC	J540008	GRMC
P572EXC	P224706	GRMC
P572SBC	P224609	GRMC
P584EXC	P224611	GRMC
P596EXC	P224707	GRMC
P64615	P206410	ATHEY
	P206410	ATHP
P70638	M090158	ATHP
P720047	P206327	ROSS
P720048	P206398	ROSS
P720071	P207363	ROSS
P85523	M085023	ATHP
	M085023	ATHEY
P9A0243	P208392	LKBT
P9A0348	P213191	LKBT
P9A0349	P222753	LKBT
PB01726	J009560	GRMC
PB1182	M120108	DRSS
PB1481	M170101	KTSU
	M170101	DRSS
	M170101	WBCO
PB1913	M190002	KTSU
	M190002	DRSS
PB2414	M090535	DRSS
	M090535	KTSU
PB3205	M120108	DRSS
	M120108	WBCO
PB3239	X004539	KTSU
	X004539	DRSS
PB4233	X004484	KTSU
PB4590	X004480	DRSS
	X004480	KTSU
PB4890	M120225	DRSS
	M120225	KTSU
PB8490	M120225	KTSU
PBC400	X007784	PDCI
PBC400A	X007824	PDCI
PBC500	X007785	PDCI
PBC500A	X007805	PDCI
PF2	J190056	GRMC
PF25	J190058	GRMC
PF255	J190057	GRMC
PF275	J190059	GRMC
PF3	J190060	GRMC
PF35	J190061	GRMC
PF4	J009623	GRMC
PF4A	X007824	GRMC
PF5	J009624	GRMC
PF5P	P222741	GRMC
PF6P	P222742	GRMC
PFC250	J190058	TAC
PFC275	J190059	TAC
PFC300	X007830	TAC
	J190060	TAC
PFC300S	X007830	TAC
PFC350	J190061	TAC
PFC350S	X007831	TAC
PFC400	J009623	TAC
	X007784	TAC
PFC400S	X007784	TAC
PFC500	X007785	TAC
PH300	P206523	PDCI
PH350	P206524	PDCI
PH400	P206525	PDCI
PH500	P206526	PDCI
PP0191	M070068	RTWC
PR0102	P206323	AGEM
PR10002435	M085023	PTBN
PR10008010	P206342	PTBN
PS21834	P206411	RCHD
PS417413	M120225	RCHD
PS417415	M100463	RCHD
PS41745	M120108	RCHD
PS41746	M090535	RCHD
PS67251	X004482	RCHD
PS67252	X004484	RCHD
PS67253	X004539	RCHD
PS67681	P207365	RCHD
PS67682	P207332	RCHD
PS7331	P270541	RCHD
PS73322	P270543	RCHD

Q

Q12322838	M065065	VLVO

R

R01020252	P206334	CRPD
R01020253	P206340	CRPD
R017765	M070008	PETTI
	M070008	PTBN
R023180137	M120235	PETTI
R02318028	M085023	PETTI
R02318037	M085008	PETTI
R02318051	M090544	PETTI
R02318065	M070069	PETTI
R02318076	M085090	PETTI
R02318096	M070068	PETTI
R10604D7	P206850	PH
R133955	P206615	JNDR
R18706	M060005	IR
R1902490	M070069	FRAM
R1925199	X004480	FRAM
R2510883	M090159	FRAM
R34075	M090158	CASE
R35I3IA	P206314	GRMC
R35O3IA	P206325	GRMC
R35O3OA	J190044	GRMC
R3I5IA	P206318	GRMC
R43075	M090158	CASE
R49787D1	M090362	PH
R4I30A	P206321	GRMC
R4I35IA	P206316	GRMC
R4I35OA	P206322	GRMC
R4I3IA	P206315	GRMC
R4O35IA	P206327	GRMC
R4O35OA	J190045	GRMC
R4O3IA	P206326	GRMC
R4O3OA	J009648	GRMC
R5I4IA	P206317	GRMC
R5I4OA	P206323	GRMC
R5O4IA	P206328	GRMC

CROSS REFERENCE

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Donaldson FILTRATION SOLUTIONS

Mfgs. No.	Our No.	Mfg. Code
R5O4OA	J009649	GRMC
R6I5OA	P207402	GRMC
RB35	P206409	GRMC
RC200	P270532	RKRM
	P270532	GRMC
RC225	P270533	GRMC
	P270533	RKRM
RC250	P270534	RKRM
	P270534	GRMC
RC275	P270535	GRMC
	P270535	RKRM
RC300	P270536	GRMC
	P270536	RKRM
RC300C	P271507	GRMC
RC300PL	P271507	RKRM
RC350	P270538	RKRM
	P270538	GRMC
RC350C	P271508	GRMC
RC350PL	P271508	RKRM
RC400	P270539	GRMC
	P270539	RKRM
RC400C	P270837	GRMC
RC400PL	P270837	RKRM
RC450	P270540	RKRM
	P270540	GRMC
RC500	P270541	RKRM
	P270541	GRMC
RC500C	P270838	GRMC
RC500PL	P270838	RKRM
RC550	P270542	RKRM
RC600	P270543	GRMC
	P270543	RKRM
RC600C	P271511	GRMC
RC600PL	P271511	RKRM
RCG200	P270532	RKRM
RCG225	P270533	RKRM
RCG250	P270534	RKRM
RCG275	P270535	RKRM
RCG300	P270536	RKRM
RCG350	P270538	RKRM
RCG400	P270539	RKRM
RCG400PL	P270837	RKRM
RCG450	P270540	RKRM
RCG500	P270541	RKRM
RCG500PL	P270838	RKRM
RCG600	P270543	RKRM
RDK8970	X004962	ROVR
	X004962	LEYL
	X004962	UNIP
RDK9144	X004484	MULTI
RE20223	M001432	JNDR
	M001432	CMCO
RE223454	X007784	JNDR
RE223455	X007785	JNDR
RE35655	X007830	JNDR
RE42815	X007784	JNDR
RE42816	X007785	JNDR
RE52768	M001668	JNDR
RH049688	M060005	DRSS
RH100260	X004484	OKSH
RH49688	M060005	GALN
RI250	P207382	RKRM
RI275	P207385	RKRM
RI350	P206313	RKRM
RI353	P206314	RKRM
RI375	P207386	RKRM
RI430	P206315	RKRM
RI435	P206316	RKRM
RI540	P206317	RKRM
RI650	P206318	RKRM
RI650PL	P206318	RKRM
RJ430	J009648	RKRM
RJ540	J009649	RKRM
RM13093075	J009604	IR
RM13271606	M091047	IR
RM13861232	P270543	IR
RM43846880	M001756	IR
RM43849355	M002118	IR
RM43897180	P207596	IR
RM43904515	P222744	IR
RM43919646	M090210	IR
RM43927623	P206325	IR
RM46634150	M065073	IR
RM4664150	M065073	IR
RM59801860	H001039	IR
RMH10	P206519	GRMC
RMH11	P224841	GRMC
RMH85	P206517	GRMC
RMH9	P206518	GRMC
RO430	P206321	RKRM
RO43075	M090158	CASE
RO435	P206322	RKRM
RO540	P206323	RKRM
RO650	P207402	RKRM

S

Mfgs. No.	Our No.	Mfg. Code
S0029002	M080024	HSTR
S00290020002	M080024	HSTR
S0068322	P226140	HSTR
S0068525	H001278	HSTR
S008481502	M070068	HSTR
S008481503	P270536	HSTR
S008481505	P206600	HSTR
S00848153	P270536	HSTR
	P270536	NACO
S00848155	P206600	NACO
	P206600	HSTR
S008706004	X004476	NACO
S008706005	M065030	NACO
S008706006	P270534	NACO
S008850805	P270532	NACO
S00933950010	M070068	HSTR
S00965700030	P206326	NACO
S00976760055	M100016	NACO
S00976760056	P207394	NACO
S00976760058	P271511	NACO
S00977470041	P206365	NACO
S00977470042	M090091	NACO
S010168452	M100572	NACO
S01262720005	P270532	NACO
S0126272005	P270532	HSTR
	P270532	NACO
S01351990029	P270533	NACO
S03660	P206334	HOIST
S03775	P206337	HOIST
S099911	M080024	CASE
S11732	M060005	LEC
S1671B	J190059	SOFI
S209070	M080018	MJPR
S219802	M065034	CASE
S220817	M085023	CASE
S222578	M120154	CASE
S224620	M090210	MJPR
S226198	M070069	CASE
S228668	M120189	CASE
S228672	M090091	CASE
S230848	M060232	CASE
S231674	M090301	CASE
S237009	M100146	CASE
	M100146	MJPR
S3120SBA	P206334	GRMC
S35120SBA	P206335	GRMC
S358SBA	P206363	GRMC
S3637	P208374	HRBR
S38SBA	P206362	GRMC
S39263	M085008	MJPR
S4120SBA	P206366	GRMC
	P206336	GRMC
S418EXA	P207282	GRMC
S424EXC	P224627	GRMC
S424SBA	J240012	GRMC
S436EXA	P208364	GRMC
S436EXC	P224628	GRMC
S448EXA	P207287	GRMC
S448SBA	P206378	GRMC
S448SBC	P206388	GRMC
S460EXA	P207288	GRMC
S460EXC	P207299	GRMC
S472SBA	J640001	GRMC
S48SBA	P206364	GRMC
S505881	M100048	CASE
S508420	M090158	CASE
S508699	M090170	CASE
S5120SBA	P206337	GRMC
S518EXA	P207283	GRMC
S524EXA	J024737	GRMC
	J024739	GRMC
S524EXC	J240024	GRMC
S524SBA	P224589	GRMC
S524SBC	P224590	GRMC
S536EXA	P208380	GRMC
S536EXC	J340023	GRMC
S548EXA	P207292	GRMC
S548EXC	P207317	GRMC
S548SBA	P206379	GRMC
S560EXA	P207289	GRMC
S560EXC	P207300	GRMC
S560SBA	P208393	GRMC
S560SBC	P206391	GRMC
S58SBA	P206365	GRMC
S6120SBA	P206338	GRMC
S99911	M080024	CASE
SA150	M060038	PDCI
SA200	M060037	RKRM
	M060037	PDCI
SA2009	M060037	RKRM
SA250	M065030	PDCI
	M065030	RKRM
SA2509	M065030	RKRM
SA300	M070068	PDCI
	M070068	RKRM
	M070068	HDMI
SA3009	M070068	RKRM
SA350	M070069	RKRM
	M070069	PDCI
	M070069	HDMI
SA3509	M070069	RKRM
SA400	M080024	PDCI
	M080024	HDMI
	M080024	RKRM
SA4009	M080024	RKRM
SA408	M080024	RKRM
SA500	M090091	PDCI
	M090091	RKRM
	M090091	HDMI
SA5009	M090091	RKRM
SA600	M100016	PDCI
SA6009	M100016	RKRM
SC015041039	H001039	URIG
SC015042039	H001039	URIG
SC015042057	P270543	URIG
SD53453	P226151	PIE
SF3120	P226144	GRMC
SF3300	P226132	GRMC
SF35120	P226145	GRMC
SF3518	P206553	GRMC
SF3524	J024850	GRMC
SF35300	P226133	GRMC
SF412	J240006	GRMC
SF4120	P226146	GRMC
SF418	P206554	GRMC
	P224518	GRMC
SF424	J024836	GRMC
SF4300	P226156	GRMC
SF436	J034673	GRMC
SF512	J240007	GRMC
SF5120	P226147	GRMC
SF518	P206555	GRMC
SF524	J024838	GRMC
SF5300	P226158	GRMC
SF536	J034674	GRMC
SF6120	P226153	GRMC
SFA1214	P206303	AMC
	P206303	XMN
SFA4332	P206343	XMN
	P206343	AMC
SFA5108	P206546	XMN
	P206546	AMC
SFA8601	P206303	XMN
	P206303	AMC
SFSN378	J190059	AMC
	J190059	XMN
SI1517	M090091	GM
SI1914	M080024	GM
SK326022	M090158	HSTR
SKA1710	P206512	RKRM
SKA1740	P206508	RKRM
SKA1750	P206509	RKRM
SKA1760	P224492	RKRM
SKA1785	P206510	RKRM
SKA1790	P206511	RKRM
SKB800935	M060158	GRVE
SKB800936	M060037	GRVE
SKB830246	M070069	GRVE
SKB830318	M090091	GRVE
SKC851446	M065030	GRVE
SKC852108	M080024	GRVE
SKC852117	M100048	GRVE
SKC862037	M070069	GRVE
SKS191521	M080024	HSTR
SKS326022	M090158	HSTR
SKS477902	M060037	HSTR
SKS554702	M060037	HSTR
SKS792071	M045193	GRVE
SM4490	M090594	PDCI
SM5590	M090595	PDCI
SMB	P207784	GRMC
SP030024	P216191	RKRM
SP13SS	P206543	RKRM
SP1410AL	P206542	RKRM
SP1410SS	X005207	RKRM
SP1485AL	P206540	RKRM
SP1485SS	X005207	RKRM
SP1490AL	P206540	RKRM
SP1490SS	X005207	RKRM
SP14SS	X005207	RKRM
SP18	P206543	RKRM
SP1836SS	P206543	RKRM
SP18SS	P206543	RKRM
SP19SS	P206543	RKRM
SP200A	P206331	PDCI
SP250A	P206333	PDCI
SP275A	J000127	PDCI
SP5201	M120100	WBCO
SPA1485PL	P206510	RKRM
SPA1710PL	P206512	RKRM
SPA1750PL	P206509	RKRM
SPA1790PL	P206511	RKRM
SPF5500	P207784	RKRM
SPI40060PL	P224605	RKRM
SPI50084PL	P224611	RKRM
SPI50136PL	P216227	RKRM
SPI50148PL	P216228	RKRM
SPI50160PL	J540008	RKRM
SPO30024	P216191	RKRM
SPO30036	P208324	RKRM
SPO30048	P207285	RKRM
SPO30048PL	P207314	RKRM
SPO30824	P208328	RKRM
SPO30836	P206376	RKRM
SPO30836PL	P206376	RKRM
SPO30848	P206376	RKRM
SPO35024	J024735	RKRM
SPO35036	P208348	RKRM
SPO35048	P207286	RKRM
SPO35824	P208336	RKRM
SPO35836	P208324	RKRM
SPO35848	P206377	RKRM
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SPO40036	P208364	RKRM
SPO40048	P207287	RKRM
SPO40060	P207288	RKRM
SPO40060PL	P207299	RKRM
SPO40824	J240012	RKRM
SPO40824PL	J240012	RKRM
SPO40848	P206378	RKRM
SPO40848PL	P206388	RKRM
SPO40860PL	P206390	RKRM
SPO40872	J640001	RKRM
SPO50024	J024739	RKRM
SPO50024PL	J240024	RKRM
SPO50036	P208380	RKRM
SPO50036PL	J340023	RKRM
SPO50048	P207292	RKRM
SPO50048PL	P207317	RKRM
SPO50060	P207289	RKRM
SPO50060PL	P207300	RKRM
SPO50848	P206379	RKRM
SPO50848PL	P206389	RKRM
SPO50860	P208393	RKRM
SPO50860PL	P206391	RKRM
SPO60048	P216197	RKRM
SS53600A	M001327	PDCI
ST7410136	M090538	WHCO
ST95068	P206333	CLRK
ST95069	P206334	CLRK

T

Mfgs. No.	Our No.	Mfg. Code
T0260	P206411	ROSS
T0262	P270541	ROSS
T0263	M100463	ROSS
T0411	M090535	ROSS
T0936444	J000203	CAME
T120287	P206342	MRMT
T120289	P206344	MRMT
T13762	M070008	PH
T1407	P206315	ROSS
T1408	P206340	ROSS
T1409	P206408	ROSS
T1411	P206353	ROSS
T1412	P270837	ROSS
T1430	P206336	ROSS
T200	P206403	AP
T212	P206405	AP
T214	P206404	AP
T234	P206406	AP
	P206406	TRUX
T2340474	P270539	CASE
	P270539	PTN
T300	P206407	TRUX
	P206407	AP
T300Z	P206407	TRUX

Mfgs. No.	Our No.	Mfg. Code
T303602	M100572	COUG
T303710	P206849	COUG
T304402	P206851	COUG
T312	P206409	AP
	P206409	TRUX
T312Z	P206409	TRUX
T314	P206408	TRUX
	P206408	AP
T3626ID	P207619	GRMC
T378801	M060055	HSTR
T384786	M065034	HSTR
T400	P205979	RKRM
	P206410	TRUX
	P206410	AP
T400Z	P206410	TRUX
T412Z	J000231	TRUX
T4256ID	P207581	GRMC
T4756ID	P207620	GRMC
T50	M045237	COMP
T500	P206299	RKRM
	P206411	AP
	P206411	TRUX
T500Z	P206411	TRUX
T5XA601M	M085208	COUG
T5XA605M	P270536	COUG
T5XB601M	M085208	COUG
T600	P207667	TRUX
	P207667	AP
T600Z	P207667	TRUX
TAA400	J000202	RKRM
TAC360	M090680	TAC
TAC370	M085172	TAC
TAC400BB	M090544	TAC
TAC427	M090146	TAC
TAC466	M090520	TAC
TAC800	M090280	TAC
TAC800L	M090534	TAC
TAC801	M110189	TAC
TAC900	M090563	TAC
TBA350	X006204	RKRM
TBA4	P205976	GRMC
TBA400	X006203	RKRM
TBA5	P206300	GRMC
TBA500	X006202	RKRM
TBB61240011	M110674	FRTL
TBB61240169	M120713	FRTL
TBE4	P205979	GRMC
TBE5	P206299	GRMC
TBS400	X007784	RKRM
TBS500	X007785	RKRM
TCBH084	M070028	PTBN
TCBH087	P206507	PTBN
TCBH135	M070325	PTBN
TD001	M065065	MRMT
TD002	M085023	MRMT
TD017	M090535	MRMT
TD019	M085008	MRMT
TD022	M060232	MRMT
TD1	M065065	MRMT
TD17	M090535	MRMT
TD19	M085008	MRMT
TD2	M085023	MRMT
TD22	M060232	MRMT
	M060232	MARE
TDA400	P206304	TAC
TE840001	M080024	TREX
TEC200	J000210	RKRM
TEC225	J000212	RKRM
TEC250	J000211	RKRM
TEC275	J000213	RKRM
TEC300	J000214	RKRM
TEC350	J000215	RKRM
TEC400	J000216	RKRM
TEC450	J000219	RKRM
TEC500	J000217	RKRM
TEC600	J000218	RKRM
TEL40090	P206344	TAC
TFC200	X004536	RKRM
TFC225	X004537	RKRM
TFC250	X004476	RKRM
TFC275	X004538	RKRM
TFC300	X004478	RKRM
TFC350	X004480	RKRM
TFC400	X004482	RKRM
TFC500	X004484	RKRM
TFC600	X004539	RKRM
TFS400	X007784	RKRM
TFS500	X007785	RKRM
TJ700293000	P206340	PTBN
TJ841074700	X007831	PTBN
TJ841076000	X004478	PTBN
TJF122164	J000202	PTBN
TOHD2427	M070069	SCRM
TP4001015	M120100	TAC
TP8275240	J009618	PTBN
TSC400	X007784	RKRM
TSC500	X007785	RKRM
TTA300	X007833	RKRM
TTA350	X007834	RKRM
TTA400	X007824	RKRM
TTA500	X007805	RKRM
TTA600	J190055	RKRM
TTS200	J190056	RKRM
TTS225	J190057	RKRM
TTS250	X007829	RKRM
TTS275	J190059	RKRM
TTS300	X007830	RKRM
TTS350	X007831	RKRM
TTS400	X007784	RKRM
TTS500	X007785	RKRM
TTS600	X009076	RKRM

U

U112	P222748	AP
U200	P206403	RKRM
	P206403	TRUX
U200Z	P206403	RKRM
U212	P206405	TRUX
U214	P206404	TRUX
U225	P206404	RKRM
U225Z	P206404	RKRM
U250	P206405	RKRM
U250Z	P206405	RKRM
U275	P206406	RKRM
U275Z	P206406	RKRM
U300	P206407	RKRM
U300PL	P206407	RKRM
U300Z	P206407	RKRM
U325	P206408	RKRM
U325Z	P206408	RKRM
U350	P206409	RKRM
U350PL	P206408	RKRM
U350Z	P206409	RKRM
U400	P206410	RKRM
U400PL	J009486	RKRM
U400Z	P206410	RKRM
U450Z	J000231	RKRM
U500	P206411	RKRM
U500PL	J009487	RKRM
U500Z	P206411	RKRM
U600	P207667	RKRM
UA300	J000227	RKRM
UA350	J000228	RKRM
UA400	J000230	RKRM
UA500	J000232	RKRM
UA600	J000233	RKRM
UAF300	P206600	RKRM
UAF300PL	P206608	RKRM
UAF350	P206601	RKRM
UAF350PL	P206609	RKRM
UAF400	P206602	RKRM
UAF400PL	P206610	RKRM
UAF500	P206603	RKRM
UAF500PL	P206611	RKRM
UAF600	P207596	RKRM
UAF600PL	P207598	RKRM
UF300PL	P206608	RKRM
UF400	P206602	RKRM
UF400PL	P206610	RKRM
UF500	P206603	RKRM
UF500PL	P206611	RKRM
UF600PL	P207598	RKRM
UH100	P206507	RKRM
	P206507	PDCI
UH340	P270543	RKRM
UH450	P207784	RKRM
UT46661	M090158	UAC
UV250	P206606	RKRM
UV277	J009618	RKRM
UV300	P206604	RKRM
UV350	P206605	RKRM
UV400	P206606	RKRM
UV401	J009614	RKRM
UV478	P206605	RKRM
UV500	P206607	RKRM
UV501	P206607	RKRM

V

V1091149	X006202	VLVO
V111111	M090535	VLVO
V1111110	M100465	VLVO
V1111111	M090544	VLVO
V11111112	M090535	VLVO
V1111112	M090535	VLVO
V1111113	M100464	VLVO
V1111114	M100464	VLVO
V1114917	M100463	VLVO
V1116639	M100213	VLVO
V1119466	X006203	VLVO
V6772734	X004480	VLVO
V8056009	M100465	VLVO
V8056472	X004962	VLVO
V98HA5225AA	M100580	MERS
VA21040004A	P270538	GRDL
VA21040034A	P270541	GRDL
VA21270018A	P206409	GRDL
VA21270020A	P206407	GRDL
VA22750032	P206397	GRDL
VA22750032A	P206397	GRDL
VA22750033A	P206372	GRDL
VA22750563	P206340	GRDL
VA25990014	M090210	GRDL
VA25990015	M090210	GRDL
VA34160003	P270541	GRDL
VA34200021	P207596	GRDL
VA34240209	P206543	GRDL
VA34240210	P206508	GRDL
VA34240339	P206508	GRDL
	P206509	GRDL
VA48950705A	P206372	GRDL
VA48951215	P206379	GRDL
VA601343	P206325	GRDL
VA602286	M070028	GRDL
VA604749	J024735	GRDL
VB475C	P222018	GRMC
VB475D	P206606	GRMC
VB588C	P206607	GRMC
VF140V	P206546	VLVO
VP0644	M090009	FRHF
VP0673	M070008	FRHF
VP19332	X004482	FRHF
VP20093	M120154	FAST
	M120154	FRHF
VP20096	M120197	FRHF
	M120197	FAST
VP20097	M120365	PLOC
VP20098	M070068	FRHF
VP644	M090009	FAST
VP673	M070008	FAST
VT71457	M060037	UAC
VY6771	M085056	WBCO

W

W0M090159	M090159	FRAM
W2440435	P270538	CASE
	P270538	PTN
WFC3	X007830	GRMC
WFC4	X007784	GRMC
WFC4A	X007824	GRMC
WFC5	X007785	GRMC
WFC5A	X007805	GRMC
WM26002	M070069	TDSC
WR125158	M001702	AGCO
WR125159	M085409	AGCO
WR125161	P206380	AGCO
WR128453	M002119	AGCO
WR24908	M080018	AGCO
WR28656	X004482	AGCO
WR28658	P207297	AGCO
WR32441	P206321	AGCO
WR32821	X004478	AGCO
WR34818	M065044	AGCO
WR34821	J240004	AGCO
WR37234	J014623	AGCO
	P206311	AGEM
WR37235	P206311	WILM
	M100048	AGCO
	M100048	AGEM
WT200	P206331	RKRM
WT200CR	P206331	RKRM
WT250	P206333	RKRM
WT250CR	P206333	RKRM
WT275CR	J000127	RKRM
WT300	P206334	RKRM
WT300CR	P206334	RKRM
WT350	P206335	RKRM
WT350CR	P206335	RKRM
WT400	P206336	RKRM
WT400CR	P206336	RKRM
WT500	P206337	RKRM
WT600	P206338	RKRM
WT600CR	P206338	RKRM
WTM100104	M100464	DART
WZM100464	M100464	FRTL
	M100464	DART

X

X004482016147	X004482	AJMC
X005164	X007831	TIPP
X005265	X007829	SCRM
X1034633	M060055	ELGN
X12209	M060247	RKRM
X12259	M060005	RKRM
X1230	M070008	RKRM
X12309	M070008	RKRM
X12359	M070050	RKRM
X12409	M090009	RKRM
X14152004	P270531	ISZU
X14152005	M085090	ISZU
X141520050	M085090	SRC
X14152007	P270536	ISZU
X141520070	P270536	SRC
X14152014	P270531	ISZU
X141520140	P270531	ISZU
	P270531	SRC
X14152019	M065034	ISZU
X14152022	M065044	ISZU
X141520220	M065044	SRC
X14152023	P207324	ISZU
X141520230	P207324	SRC
X14152024	P270534	ISZU
X141520240	P270534	SRC
	P270534	ISZU
X14152027	M090301	ISZU
X141520270	M090301	SRC
X14152028	P206342	ISZU
X141520280	P206342	SRC
X14152029	P270538	ISZU
X141520290	P270538	SRC
X14152030	P206409	ISZU
X141520300	P206409	SRC
X141520430	P270539	ISZU
X14152048	P270532	ISZU
X141520480	P270532	SRC
X150	P222748	MRMT
X1750597	H001279	PTN
	H001279	CASE
X205	X004536	MRMT
X230	X004537	MRMT
X2440436	M070069	CASE
	M070069	PTN
X255	X004476	MRMT
X270	J009612	MRMT
X275	J000224	MRMT
X280	X004538	MRMT
X295	J009611	MRMT
X300	J000227	MRMT
X305	X004478	MRMT
X350	J000228	MRMT
X355	X006204	MRMT
X370	P206605	MRMT
X400	J000230	MRMT
X405	X006203	MRMT
X505	X006202	MRMT
X5103064	M090091	GRDL
X5103065	J009649	GRDL
X5103066	P207354	GRDL
X5103067	J009637	GRDL
X5103068	J024750	GRDL
X8821116	P206605	LIBB
XA58300	M070028	CASE
XD200	J000220	MRMT
XD225	J000222	MRMT
XD250	J000221	MRMT
XD275	J000224	MRMT
XD350	M085008	RKRM
XD355	M085008	RKRM
XD4019	M100049	RKRM
XD414	M090594	RKRM
XD415	M085171	RKRM
XH4M2	M090680	NFC
XH4MD1	M090563	NFC
XSC212	X004476	NFC
XSC214	X004537	NFC
XSC234	X004538	NFC
XSC312	X004480	NFC
XSC4	X004482	NFC
XX0070721	P206312	SABI
XX0070722	P207332	SABI
XX0070724	J024838	SABI

Cross Reference

(See first page of this section for Manufacturer's Code Listing)

Mfgs. No.	Our No.	Mfg. Code
XX0071216	X004484	SABI

Y

Mfgs. No.	Our No.	Mfg. Code
Y05667000	X004482	FDEN
Y05667111	X004484	FDEN
Y0602300162	M085208	DENY
Y0602300395	M090598	DENY
Y0602325066	M001432	DENY
Y0602325088	X004476	DENY
Y0602325089	X004478	DENY
Y0602325097	X004536	DENY
Y400	P206297	RKRM
Y401NPA	P206297	GRMC
Y500	P206298	RKRM
Y500NPA	P206298	GRMC
YB400A	J092679	GRMC
YB500A	J092689	GRMC
YS400	J092679	RKRM
YS500	J092689	RKRM

Z

Mfgs. No.	Our No.	Mfg. Code
Z1540470	P270541	CASE
	P270541	PTN
Z1750597	H001279	CASE
	H001279	PTN
Z3036919	X004478	PTN
	X004478	CASE
ZDNP206336	P206336	NAVI
ZF305	M060037	MRMT
ZF306	M065030	MRMT
ZF307	M070068	MRMT
ZF308	M070069	MRMT
ZF604	M080024	MRMT
ZF605	M090091	MRMT
ZF606	M090072	MRMT
ZF615	M085172	MRMT
ZF665	M085267	MRMT
ZF855	M120100	MARE
	M120100	MRMT
ZF860	M090538	MRMT
ZF868	M090280	MRMT
ZF869	M090563	MARE
	M090563	MRMT
ZF895	M110012	MRMT
ZF917	M090534	MRMT
ZF947	M090520	MRMT
ZF955	M090547	MRMT
ZF956	M120154	MRMT
ZH002	M120365	MRMT
ZH003	M120197	MRMT
ZH012	M110189	MRMT
ZH201	M100464	MARE
	M100464	MRMT
ZH202	M090544	MRMT
ZH203	M090544	MRMT
ZH206	M090535	MRMT
ZH209	M090146	MRMT
ZZ8002001	P206400	NPRT
	P206400	NEPN

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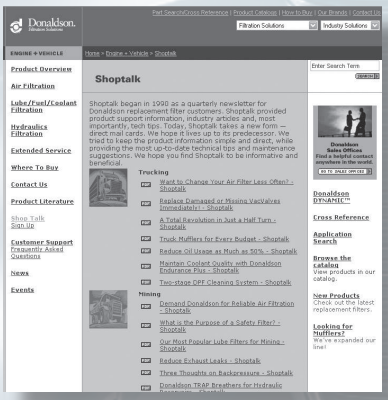

Section Index

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Purpose of an Exhaust System

Exhaust system design specifications are typically defined by the OEs. They are looking for a solutions that can redirect engine exhaust, reduce exhaust noise and most recently, reduce emissions (hydrocarbons, carbon monoxide, soluble organic fraction (SOF)).

Diesel engines are a reliable and efficient power source for vehicle and equipment manufacturers. Governmental regulations across the globe are driving diesel engine users to consider buying new vehicles or retrofitting their existing engines to meet the new emissions regulations.

Muffler Design & Performance

Donaldson mufflers are designed and tested with specific focus on three performance variables: attenuation, backpressure and structural.

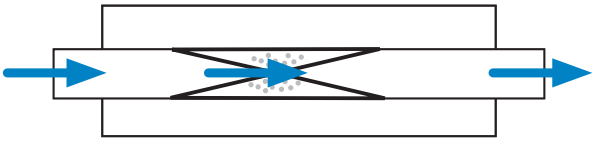
Attenuation

For exhaust systems, attenuation refers to the reduction in sound level measured between an engine without a muffler and the same engine with a muffler. This sound level is typically measured in a decibal scale (dBAs). Traditional mufflers use tubes, baffles, and expansion chambers and insulation to help control noise. Newer applications include emissions reduction devices installed in the exhaust system. Many of the devices also provide the needed noise attenuation either in part or in total.

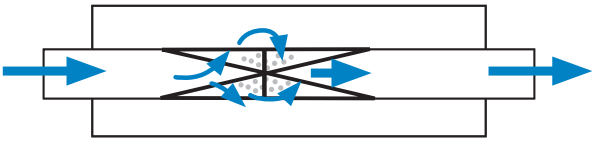
Sound quality is an additional noise characteristic that is important to the end user. An example of a sound quality concern is the sound of fingernails on a chalk board – this screeching sound makes people wince, yet the measured sound level would not be significant. A low throaty rumble may seem even quiet (and almost desirable) but may be amplified and become annoying if it reverberates within the operator's cabin.

Heavy-duty mufflers typically employ one of four sound reduction techniques including:

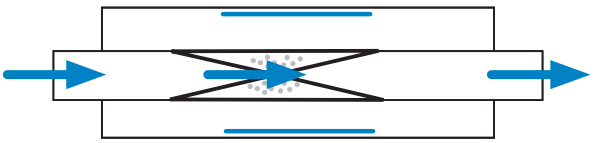
Reactive silencing
What's important: the ratio of the body diameter to the tube



Resistive silencing
Exhaust flow is forced through a small area. It removes energy to reduce noise level.



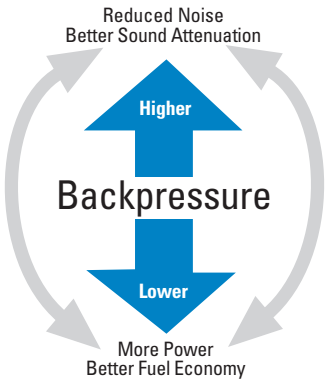
Absorptive silencing
Transforms wave energy into thermal energy. Uses acoustic packing (or wrap) just inside the outer shell of the muffler.



Engine manufacturers generally expect a reduction in engine exhaust sound level of 15-25 dBA. The overall noise level of a vehicle or piece of stationary equipment is the actual regulated value. The overall noise level is typically measured while driving past a microphone at a specific speed and distance. Maximum noise levels in the U.S. are regulated by the U.S. EPA (Environmental Protection Agency).

Backpressure

A key performance factor in selecting the proper muffler is backpressure. For the most efficient engine performance it is important to apply a muffler that minimizes backpressure.



Backpressure is the force necessary to flow gasses through the Exhaust system, or the resistance to exhaust flow. System considerations include friction and momentum effects - expansion / contraction / elbows, and velocity head loss at outlet.

To minimize backpressure, long tube lengths, small tube diameters, and sudden contractions should be avoided.

Backpressure can reduce horsepower and fuel economy. For example, turbocharged diesel engines loose about 0.5% in horsepower and fuel economy per inch Hg backpressure. To help you minimize backpressure, our selection guide provides exhaust flow ratings at 1", 2" and 3" Hg (mercury).

Conversion: 1.0" Hg = 13.6" H_2O

Our muffler spec'ing section outlines the steps you need to take for proper muffler selection.

Structural

Another performance factor is the structural durability of the system configuration. Position, mounting support, weight and the type of material that the unit is made from are the key sub-components of system structure.

For example, the original OE stanchion or chassis mounting components are adequate for a replacement muffler. If you apply a heavier muffler, like one with an emissions device inside, it's critical to upgrade the hangers, brackets and stanchion with more robust and heavier components. Most exhaust system problems encountered by Donaldson field service are due to improper bracketing and/or use of clamps – not the muffler or muffler construction.

Exhaust Product Materials

There are a number of materials found in diesel exhaust applications. Some of the materials are appropriate for heavy duty applications and have the mechanical properties to provide good service life.

Since materials vary in strength, corrosion resistance, and price, a particular material may be preferred in individual applications and components. Some of the most common materials, their qualities, and their typical uses are listed in the following table.

Materials*	Used in	Qualities
Aluminized Mild Steel	Mufflers	Good Corrosion Resistance
	Exhaust Components	
Stainless Steel (with and without aluminized coating)	Flexible Tubing	Stronger Excellent Corrosion Resistance
	Mufflers	
	Exhaust components	
	Emissions Products	
Chrome	Accessories	Bright Mirror Finish
Galvanized	Flexible Tubing	Low Material Cost Temperature Limit 600°F
Cold Rolled	Accessories	Poor Corrosion Resistance Low Cost

Aluminized steel is the preferred material for traditional diesel exhaust applications. Aluminized steel is a low carbon steel with a thin layer of aluminum alloyed to the surface. The aluminum provides a barrier for protection of the base material. Aluminized steel parts have an ultimate service temperature of 1250°F with a continuous duty temperature limit of 1000°F. This material closely matches the expected service temperatures of diesel engine applications and has excellent corrosion resistance to acidic diesel exhaust gases. Aluminized steel parts provide good field life at a reasonable cost.

Series 400 stainless steels are used for many extended service life diesel applications, and often in gasoline applications due to their higher operating temperatures. This material family provides slightly better strength at exhaust system temperatures than aluminized steel.

Type 409 is the most common 400 series stainless

steel used in exhaust applications. Type 409 is stronger than aluminized but exhibits cosmetic problems at exhaust system temperature. At first exposure to high temperature it discolors. Over time it develops a nondestructive coating of surface rust. After an extended time in the field a 409 product will display external discoloration and look worse than a similar part made from aluminized steel, but will last much longer.

Another choice is 409 stainless steel with an aluminum coating. Aluminized 409 is used on diesel catalytic converter mufflers due to its excellent high temperature resistance and the corrosion protection of the aluminized coating. Aluminized 409 is found primarily on emission products or high temperature gasoline applications.

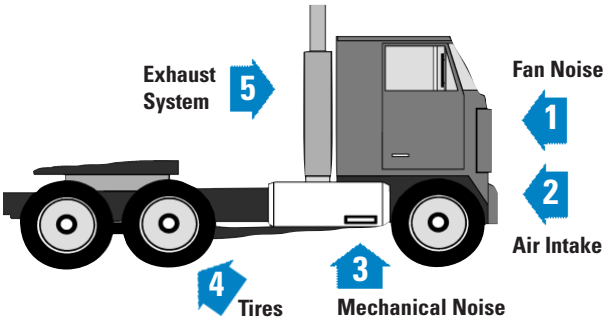
Series 300 stainless steels are also utlized in exhaust systems. The most common material is Type 304. This material has excellent corrosion resistance and very good high temperature strength and is used in some muffler applications where very high stresses occur. This is a premium material and is also used in many for gasoline applications. The most prevalent use of the material in heavy duty diesel applications is for flex pipe. Flex pipe produced from light gauge 304 stainless steel is an excellent choice considering all the factors of cost, durability, and service life.

Often chrome plated cold rolled steel parts are found on exhaust system parts. This material is a reasonable choice for cosmetic applications where a bright mirror finish is desired. Corrosion from the inside of the product can still occur. Chrome parts may be very challenging to produce. It is important to produce the parts with a high level of quality because surface irregularities are very visible to the end user.

An alternate choice for chrome parts is bright annealed stainless steel. This material provides a bright mirror like finish with excellent exhaust service life. Bright stainless steel is typically used for muffler heat shields and generally an expensive material choice.

Noise Sources

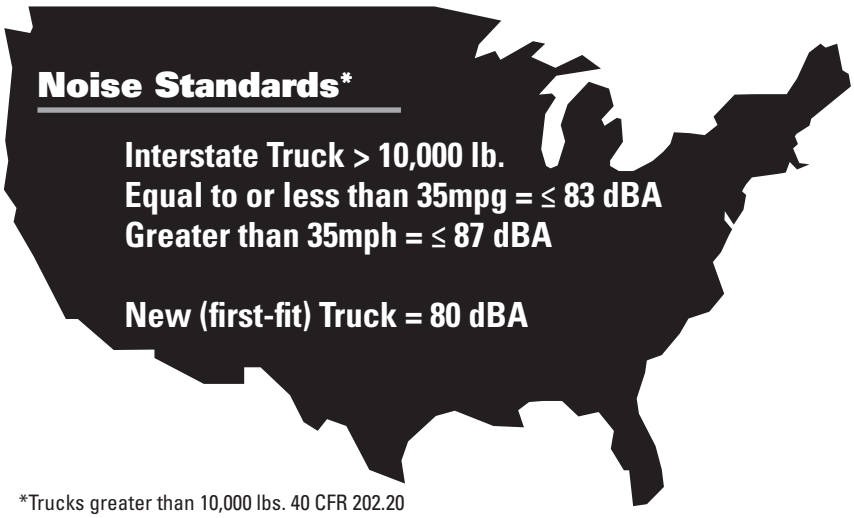
Five Major Sources of Noise in Trucks



Easy Maintenance Tips Reduce Exhaust Noise

1. Check the exhaust tubing. Repair or replace worn or leaking components.
2. Make sure your exhaust system is properly supported.
3. Installing a resonator or wye connector muffler is an economical way to reduce noise.
4. Modify a single exhaust system to a dual.
5. Check stack and tailpipe position. A straight stack will be quieter than a curved stack on vertical exhaust systems. Turn your horizontal tailpipes toward the center of the road.

Truck Noise Control
(from U.S. EPA Web site)



*Trucks greater than 10,000 lbs. 40 CFR 202.20
** Noise is measured at 50 feet (15.2 m) from the centerline of the lane of travel

In the past, the Environmental Protection Agency (EPA) coordinated all federal noise control activities through its Office of Noise Abatement and Control. However, In 1981, the Administration at that time concluded that noise issues were best handled at the State or local government level. As a result, the EPA phased out the office's funding in 1982 as part of a shift in federal noise control policy to transfer the primary responsibility of regulating noise to state and local governments. However, the Noise Control Act of 1972 and the Quiet Communities Act of 1978 were not rescinded by Congress and remain in effect today, although essentially unfunded. View more information about resources on noise pollution.

Interstate Motor Carrier Noise

The Federal Highway Administration's Office of Motor Carrier and Highway Safety Web site includes information on the Interstate Motor Carrier Noise Emission Compliance Regulations from the Code of Federal Regulations (49 CFR 325)

Subparts for compliance of the interstate motor carrier noise emission standards
http://www.fmcsa.dot.gov/rules-regulations/administration/fmcsr/fmcsrguidedetails.aspx?rule_toc=730&section_toc=730

Part	Regulation
Subpart A	General Provisions
Subpart B	Administrative provisions
Subpart C	Instrumentation
Subpart D	Measurement of noise emissions; highway operations
Subpart E	Measurement of noise emissions; stationary test
Subpart F	Correction factors
Subpart G	**Exhaust systems and tires**

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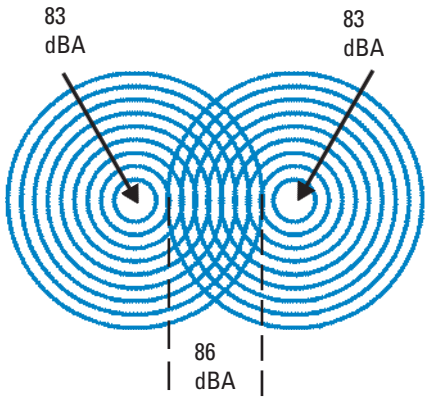
Rules of Thumb

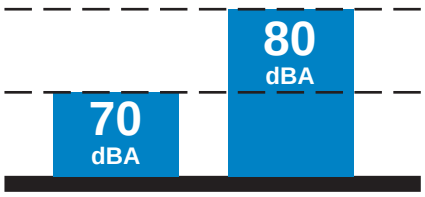
Combining Two Equal Noise Sources Increases Sounds Level by 3 dBA

Two equal noise sources combine to create a sound level 3 dBA greater than either source.



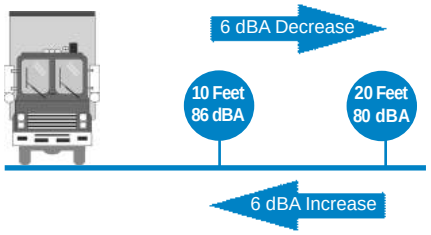
Twice the Loudness is a 10 dBA Increase

The increases are not linear! Increasing noise by 10 dB sounds twice as loud.



Sound Pressure Level Changes With Distance

Doubling the distance to a noise source decreases its sound level by 6 dB. Halving the distance to a noise source increases its sound level by 6 dB.



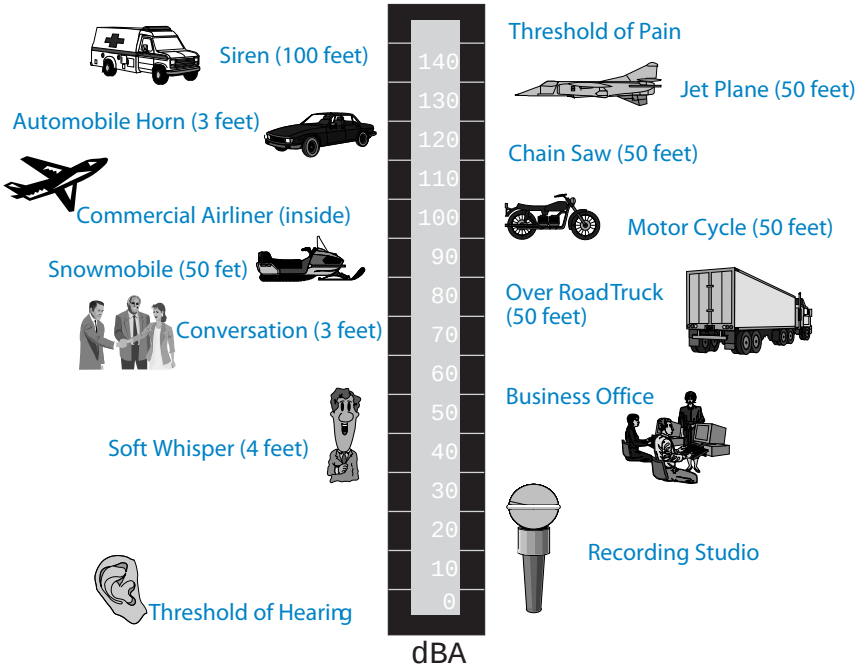
Emissions Devices & Acoustic Silencing

Various emissions reduction technologies are applied to exhaust systems to meet new emissions standards. The additional components can significantly change or eliminate the traditional acoustic silencing components common in older muffler designs. Depending on the application, emissions reduction devices may totally eliminate the need for further sound control and for others, minimal acoustic silencing may be required. The sound attenuation of emissions devices varies depending on the filtering substrates and configuration of the overall system.

Typical emissions aftertreatment substrates (ceramic and metal)

Familiar Sounds on the dBA Noise Scale

Other examples of sound levels:
70 dB Traffic jam; 90 dB Heavy machinery, 130 dB Jet engine at 10 meters.



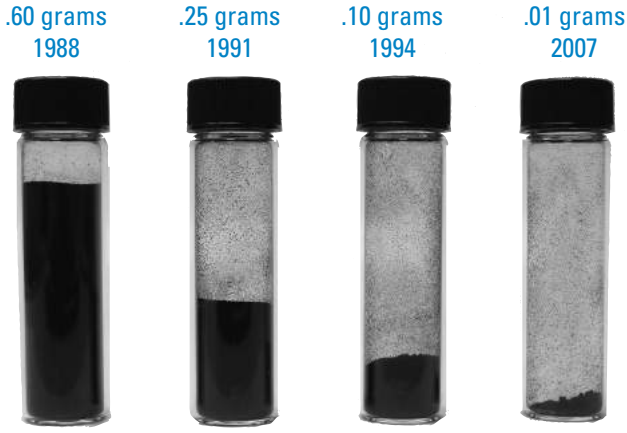
Diesel Particulate Matter (PM) Allowed per Horsepower-Hour

What does "Diesel PM per Horsepower-Hour" Mean?

A 200 horsepower (HP) engine could release as much as 200 times the amount shown in one vial during one hour of operation or a 300 HP engine could release as much as 300 times the amount shown in one vial during one hour of operation.

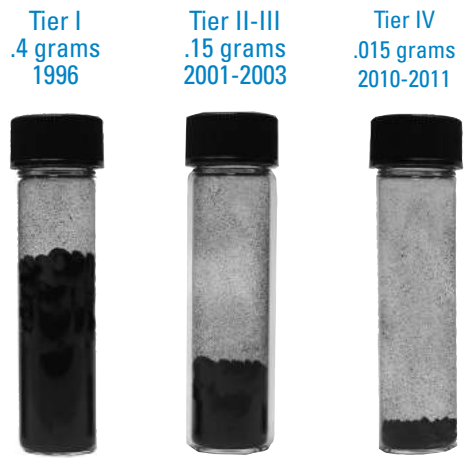
Limits for On-Road, Heavy Duty Trucks

Diesel Particulate Matter (PM) Allowed per Horsepower-Hour



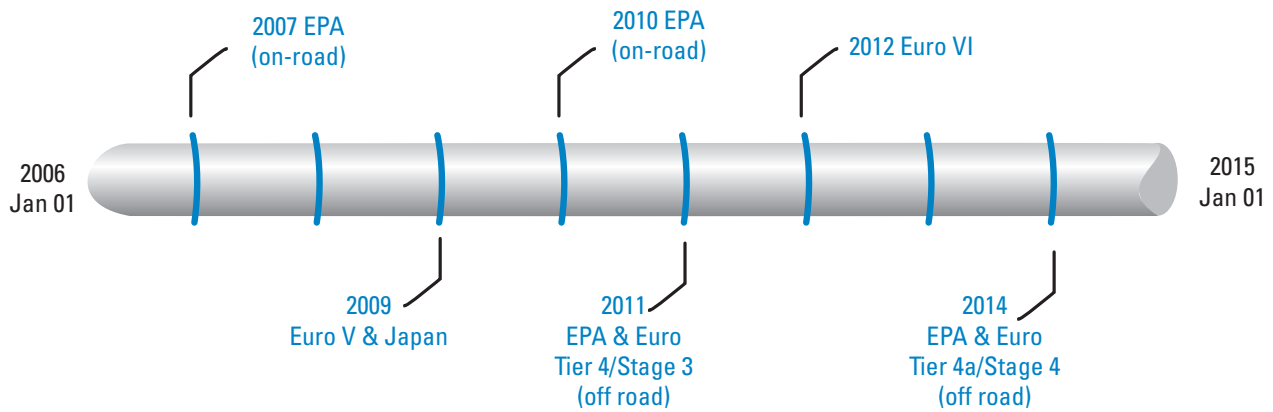
Limits for Off-Road Diesel Engines

Levels for 175-750 HP engines only. Other engine HP limits and timing vary.



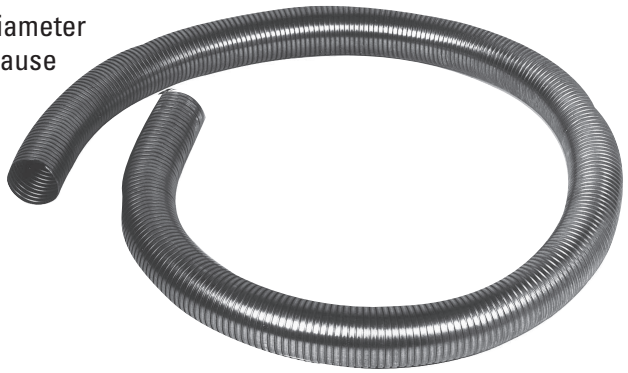
Soot vials are shown smaller than actual size (2-3/8" height).

Worldwide Emissions Mandates & Timing



Flex Tubing: Cutting & Installation

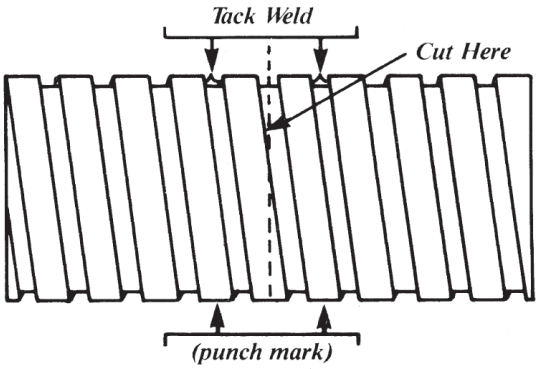
Flexible tubing can twist or unravel when cut, causing its diameter to change and making installation difficult. This occurs because flexible tubing must maintain flexibility in order to function properly, and, therefore, cannot be tightly wound in the manufacturing process. However, flexible tubing can be managed for trouble-free installation by following these guidelines.



Cutting

Step 1- Prepare

Place a tack weld between convolutions on each side of the intended cut to keep ends from twisting or unraveling.



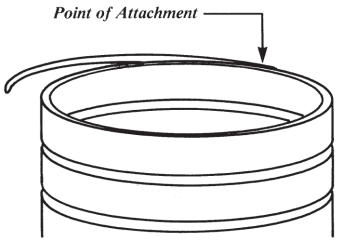
If a welder is not available, insert a mandrel or back-up pipe into the tubing and place a punch mark directly on convolutions on each side of the intended cut. Heavy-duty tape over a de-greased pair also works. Cut through tape and leave in place, clamp over tape.

Step 2 - Cut

Place the tubing securely in a vice. Cut with a metal cutting band saw or a hacksaw with 32 teeth per inch.

Step 3 - Trim

Each side of the cut will now have a spiral "tail" that must be removed to the point at which it is attached. Bend each tail until it breaks, or bend and use a cutting shears to remove.

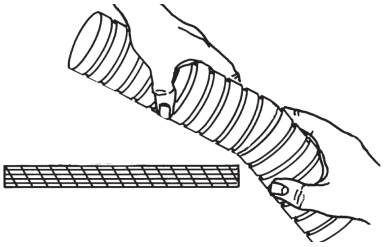


Step 4 - Deburr

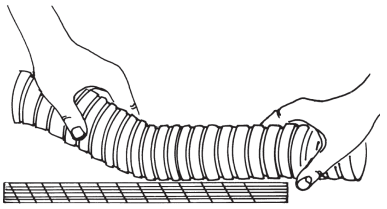
Deburr both cut surfaces with a hand-operated drum sander or file.

Installation

Flexible tubing's function is to prevent excessive stress on exhaust system components by absorbing vibration and thermal expansion that would otherwise cause system components to shake loose and break.



To provide adequate flexibility, flex tubing should be installed in a half extended state. To reach half extension, place the middle of the tubing over the edge of a work bench, push down on both halves and bend as much as possible.



Then place the entire piece of tubing on the work bench and push the end down until straightened. The tubing is now at half extension.

Note: Do not use flexible tubing to form an exhaust pipe bend. Use elbows instead.

Donaldson & Industry Acronyms

ATD ..... After Treatment Device
Bp..... Backpressure
CARB ..... California Air Resources Board
CCM..... Catalytic Converter Muffler (or DOC)
CCV..... Crankcase Ventilation or Closed Crankcase Vent
CDPF..... Catalyzed Diesel Particulate Filter
CFM ..... Cubic Feet per Minute
CFS..... Crankcase Filtration System
CO ..... Carbon Monoxide
dBA..... Decibel, A scale (noise level)
DMF..... Diesel Multi-stage Particulate Filter
DOC..... Diesel Oxidation Catalyst
DPF ..... Diesel Particulate Filter
EAT..... Exhaust After Treatment
EDM..... Emissions Device Monitor
EGR..... Exhaust Gas Recirculation
EIEO ..... End In / End Out (muffler style)
EISO..... End In / Side Out (muffler style)
EPA ..... Environmental Protection Agency
EPA Tier 4/IV..... Off-road emissions standards
EPA07 ..... U.S. EPA 2007 on-road regulation
EPA10 ..... U.S. EPA 2010 on-road regulation
ERC ..... Emissions Resource Center
Euro Stage XX .... European Emissions Reduction Regulations
FTP..... Federal Test Procedure
HC ..... Hydrocarbon (unburned fuel)
HP ..... Horse Power
HTEF ..... High Temperature Exhaust Filter
ICC ..... Independent Catalytic Converter
ID..... Inside Diameter
IOM..... Installation Operation Manual
ISO ..... International Organization for Standardization
ISO/TS ..... ISO Technical Specification
LNF..... Low NO_2 Filter (muffler)
LXF..... Low NOx Filter (muffler)
LSD ..... Low Sulfur Diesel (fuel)
LTF..... Low Temperature Filter (muffler)
NO_X..... Nitrogen Oxides
OCV..... Open Crankcase Ventilation
OD ..... Outside Diameter
PM ..... Particulate Matter
SC..... Silicone Carbide
SCR..... Selective Catalyst Reduction
SEF..... Semi-active Electric Filter (muffler)
SIEO..... Side In / End Out (muffler style)
SISO..... Side In / Side Out (muffler style)
SRF..... Standard Recirculation Filter
SS..... Stainless Steel
ULSD..... Ultra-Low Sulfur Diesel (fuel)
VOC..... Volatile Organic Compound
VOF ..... Volatile Organic Fraction

Engine Brake & Exhaust Silencer

Donaldson. Silent Partner™

SHOPTALK

Designed to specifically address engine brake noise

- Addresses engine brake noise, silencing engine brake "bark"
- Reduces exhaust noise 66% versus a standard muffler

Silences engine brake "bark"

- Reduces driver fatigue
- Improves trucking industry image

All stainless steel construction available*

- Won't rust out like conventional mufflers

Direct replacement

- Easy installation, can be applied on existing trucks

No increase in back pressure

- Silences without engine power loss
- Maintains fuel economy

*Models available in both stainless steel and aluminized steel

Flat Band SealClamp™ Installation Instructions

Step 1

Position 1/3 to 1/2 way onto the larger diameter tube or to completely cover slots.

May be used for butt-style joints in light duty applications

Step 2

Assemble bolts between clamp bolts and tubes.

Step 3

For all models, tighten by alternating the wrench between fasteners several times to uniformly take up the slack, beginning with the large diameter side of the connection. Tighten the nuts for stainless clamps as illustrated. Tighten alternately until the gasket is fully compressed and the mating bars' surfaces are fully touching. The grade 8 bolts and nuts are rated to 100 ft. lbs. of torque. For best results use an impact wrench.

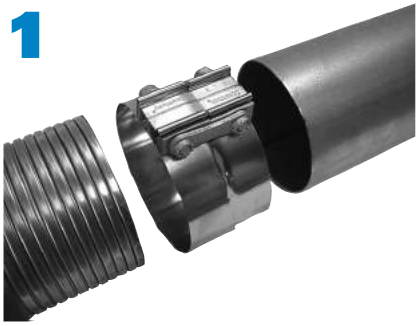
Important Application Notes

- Use either 9/16 inch (14mm) hex wrench
- Grease the clamps and the joint area before installing
- Do not use for exhaust system mounting support
- Do not use for exhaust manifold or turbocharger connections
- Do not reuse the clamps
- Do not use as a butt joint clamp–use for overlap connections only

Stepped SealClamp™ Installation Instructions

Stepped Preformed SealClamp is Individually packaged with installation instructions

1



Unique design with fully assembled hardware!

1. Position the SealClamp over the smallest tube. Larger end of the clamp must be on the overlapping tube or flex.

2. Locate the step of the clamp to the overlapping tube at the joint.

3. Using the v-groove as a visual guide, alternately tighten bolts until the groove is approximately half closed (~50 ft. lbs). Do not exceed 70 ft. lbs. torque as clamp damage may occur.

2

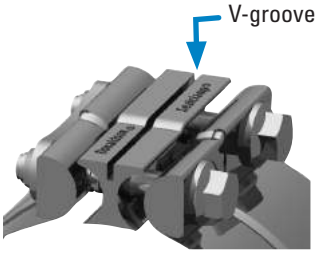
Diseño único para un ensamble completo!

1. Colocar el SealClamp sobre el tubo más pequeño. El diámetro mayor del SealClamp debe estar sobre el tubo rígido o flexible a sobrepasar.

2. Ubicar el escalón de la abrazadera en la unión del tubo sobrepuesto.

3. Usando la ranura como guía visual, apriete alternadamente los pernos hasta que la ranura esté aproximadamente a medio cerrar. No exceda 47,5 N(m (35 lbs-pie) de par de apriete por que puede producir daños en la abrazadera.

3



Before / Antes / Avant

After / Después / Après

Conception unique avec pièces entièrement assemblées!

1. Placer le collier sur le tuyau de diamètre inférieur. La portion la plus grande du collier doit se trouver sur le tuyau qui chevauche.

2. Positionner la partie étagée du collier sur la portion chevauchante du tuyau en l'alignant sur le joint.

3. En utilisant la rainure comme guide visuel, serrer alternativement les boulons, jusqu'à ce que la rainure soit à moitié fermée. Ne pas dépasser une force de torsion de 35 pied-livre, cela risquerait d'endommager le serre-joint.

Attenuation

In an exhaust system, attenuation refers to the reduction in sound level measured between an engine without a muffler and the same engine with a muffler.

Backpressure

Backpressure is the force necessary to flow exhaust gas through the system. Backpressure reduces horsepower and fuel economy - for turbocharged diesel engines - about 0.5% decrease in horsepower and fuel economy per inch Hg backpressure. Typically measured in inches of mercury (Hg) or inches of water (H_2O) - 1.0" Hg - 13.6" H_2O

CFM

Cubic feet per minute of airflow.

dBA

The sound level measured in decibels using a sound level meter weighted for the "A" scale frequency response. It has over 82% correlation with loudness as determined by the typical human ear (dB without the "A" scale weighting overall has only 70% correlation to loudness).

Decibel (dB)

A unit used to express the relative difference in acoustic power. Whenever dB is used a reference level is implied. The reference value of 0.0002 dynes/cm2 = 0dB.

DOC Muffler

Diesel Oxidation Catalyst (DOC) Muffler. This muffler design contains a catalyst inside that reduces emissions while reducing exhaust noise. Also referred to as a catalytic converter muffler (CCM).

DPF Muffler

Diesel Particulate Filter (DPF) Muffler. This muffler design contains a particulate filter that requires Ultra Low Sulfur Diesel fuel. The filter eliminates a greater amount of particulate matter compared to a DOC Muffler, but has a higher activation temperature (260°C). Like a DOC, it also reduces emissions while reducing exhaust noise.

Dynamometer Test

A test that allows an engine to be run to full horsepower and rated RPM while remaining stationary.

Exhaust Noise Level

Sound level of the exhaust system, typically measured in dBA.

N/A

Naturally aspirated

Resonator

A device inserted in the exhaust system ahead of the muffler that provides additional exhaust noise silencing without adding significant backpressure.

Sound Level Meter

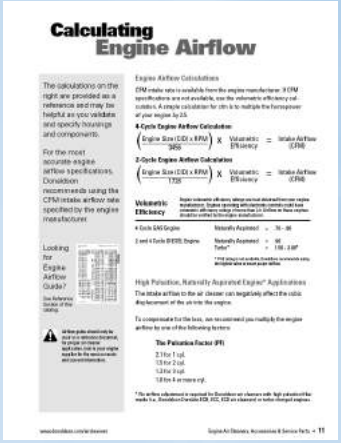
A sound level measuring device that includes a microphone, an amplifier, an output meter and sound frequency networks for measuring sound levels in decibels,

Total Vehicle Noise

The sum of exhaust noise level measurement plus fan, intake, mechanical and tire noise. Noise levels add logarithmically (equal noise levels combined add 3 dB; example 75 dB + 75 dB = 78 dB).

REFERENCE
ENGINE EXHAUST AND AIR FLOW

If the airflow information is not available from the engine manufacturer, the calculations on page 7 may be helpful as you validate and specify mufflers and components.


Calculating Engine Airflow

For assistance in calculating engine flow, please contact Donaldson customer service.

The data on engines in this section is to be used as a reference only. If spec'ing a new muffler for an engine, Donaldson recommends that you acquire this information directly from the engine manufacturer. If you can not acquire the information from the engine manufacturer, we recommend that you calculate the flow based on our instructions on page 7.

DO NOT use this information for the selection of retrofit emissions devices.

For the most accurate engine flow specifications, Donaldson recommends using the flow rates specified by the engine manufacturer.

Engine Manufacturers

Allis Chalmers
Case
Caterpillar
Continental Motors
Cummins
Detroit Diesel
Deutz
Ford
Hatz Diesel
Hino
Isuzu
Iveco
John Deere
Kohler
Kubota
Lister
Lombardini
Mack
Mercedes-Benz
Mitsubishi
MTU of North America
Navistar
Nissan
Perkins
Renault
Same
Teledyne
Volkswagon
Volvo
Waukesha
White Eng
Yanmar

Engine Exhaust Flow & Air Consumption Guide

Donaldson FILTRATION SOLUTIONS

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
ALLIS CHALMERS					
10000	2200	145	265		
11000	2200	220	560		
16000	2100	250	420		
17000 MKII	2100	300	780		
2000	2100	59	97		
21000 MKII	2100	375	875		
213	3600	32	75		
2200	2100	55	97		
25000 MKII	2100	450	1050		
2800	2600	85	200		
2900	2600	135	340		
320	3600	53	114		
3400	2400	125	240		
3500	2400	175	380		
3700	2400	200	400		
426	3600	72	150		
433I	2400	100	247		
433T	2400	90	242		
6000	2200	104	218		
61000	2100	800	2300		
6138I	2100	450	1060		
6138LT	2100	325	790		
6138T	2100	375	875		
649I	2600	155	430		
649T	2600	135	390		
65000	2100	900	2400		
670I	2400	200	490		
670T	2400	175	460		
685I	2200	266	680		
685T	2200	220	555		
7000	2200	160	300		
D175	2200	52	85		
D262	2200	78	128		
D344	1800	88	143		
CASE					
301BD	2200	94	153	1000	414
336BD	2200	104	171	1000	462
336BDT	2200	126	267	850	648
451BD	2200	142	360	1000	973
451BDT	2200	181	380	900	957
504BD	2200	155	275	950	718
504BDT	2200	221	440	900	1108
504BDTI	2200	256	600	950	1567
A267D	2000	73	123	1000	333
A284	2000		136	1000	368
A377	1800		139	1000	376
A451D	2000	145	200	1000	541
G188	2000	49	82	1000	222
G188D	2250	62	138	1000	373
CATERPILLAR					
1160	2800	225	410	1050	1146
1673T	2200	250	600	950	1567
1674TA	2200	270	690	900	1738
1693TA	2100		1080	900	2720
3116	2600	200	618	856	1511
	2600	250	713	867	1755
	2450	275	685	929	1773
	2600	300	745	984	2006
3126B	2200	175	1239	660	2640
	2300	190	1355	716	3017
	2200	210	1327	741	3031
	2200	230	593	808	1471
	2200	250	635	821	1595
	2200	275	649	867	1683
	2200	300	660	916	1778
	2400	330	709	931	1937
3140	2800		410	1000	1109
3145	2800		410	1050	1146
3150	2800		410	1000	1109
3160	2800		410	1080	1169
3176	1800	275	692	676	1458
	1800	300	738	693	1579
	1800	350	802	760	1819
	1800	365	805	808	1900
3204NA	2400	66	193	980	515
3208ATAC		up to 300	950		
3208N	2200	165	325	1076	930
3208NA	2800	210	410	1000	1109
3208T	2800	250	646	900	1627
	2200	215	591	855	1443
3208T-DIATAAC					
	2600	275	752	854	1837
	2800	300	871	874	2162
3208T-DIT	2600	250	649	976	1740
3304B		up to 165	950		
3304NA	2200	102	206	1050	576
3304T	2200	165	264	900	665
3306	1900	300	745	1019	2059
3306B	1800	285	745	825	1781
	1800	300	777	843	1887
3306NA	2200	150	325	950	849
3306T	2200	250	600	900	1511
		up to 300	850		
3306TA	2200	270	624	950	1629
3406	1900	425	1109	880	2758
3406B	1800	300	930	655	1917
	1800	330	986	705	2125
	1800	350	1016	739	2255
	1800	400	1052	753	2364
	1800	425	1077	806	2532
	1900	460	1108	847	2694
3406E	1800	355	967	762	2301
	1800	375	1023	899	2717
	1800	435	1066	901	2872
	1800	455	1083	919	2925
	1800	475	1105	937	3017
	1800	500	1119	954	3098
	1800	575	1164	959	3236
	1800	600	1164	959	3236
3406T	2100	339	910	900	2292
3406TA	2100	375	1000	900	2519
3408T	2100	425	980	900	2468
3408TA	2100	475	1220	900	3073
3412T	2100	650	1719	870	4234
3412TA	2100	750	2426	900	6420
3508	1800	1000	2490	900	6271
3512	1800	1500	3695	900	9306
3516	1800	2000	4830	900	12164
3606	1000	2475	5850	850	14192
3608	1000	3330	7235	800	16882
3612	1000	4950	11700	800	27300
3616	1000	6655	14470	800	33763
5.4-6	2000	437	1041	950	2718
5.4-8	1900	614	1477	950	3857
5.4V12	1900	896	1936	900	4876
5.75-6	1330	317	780	950	2037
6.25-6	1375	440	1111	950	2901
C-10	1800	305	755	821	1888
	1800	335	766	918	2078
	1800	350	752	892	1997
	1800	370	766	918	2078
C-12	1800	335	805	876	2110
	1800	355	815	859	2121
	1800	380	826	898	2202
	1800	395	833	924	2265
	1800	410	836	937	2287
	1800	425	815	922	2220
	1800	430	826	948	2276
	1800	455	819	953	2269
C-15	1800	355	963	762	2294
	1800	375	1023	899	2714
	1800	435	1066	902	2830
	1800	455	1083	919	2925
	1800	475	1105	937	3017
	1800	500	1119	954	3098
C-16	1800	575	1154	941	3165
	1800	600	1164	959	3236
D330NA	2200	100	227	1050	635
D330T	2200	165	418	950	1091
D333NA	2200	150	349	1000	944
D333T	2200	250	613	900	1544
D334TA	2200	280	689	950	1799
D336TA	2200	350	895	950	2337
D342NA	1300	200	418	1050	1169
D342T	1300	300	887	950	2316
D343T	2000	315	786	950	2052
D343TA	2000	425	996	900	2508
D346TA	2000	565	1350	900	3400
D348TA	2000	850	2048	900	5158
D349TA	2000	1130	2827	900	7120
D353TA	1300	490	1091	900	2748
D379TA	1300	650	1501	900	3780
D398TA	1300	975	2323	900	5851
D399T	1300	1300	3009	900	7578
CONTINENTAL MOTORS					
E201	2400		104	1100	300
F124	2400		65	1100	188
F135	2000	40	58	1100	168
F140	2400		84	1100	243
F162	2400	60	84	1100	243
F186	2400		101	1100	292
F209	2400		109	1100	315
F226	2400		115	1100	332
F227	2400	78	116	1100	335
F244	2400		126	1100	364
F245	2400	88	127	1100	367
G134	2000		58	1100	168
G157	2000		68	1100	196
H227	2000		96	1100	277
H243	2000		104	1100	300
H260	2000		112	1100	324
J382	2000		160	1100	462
L478	2400	162	265	1100	766
M271	2400		141	1100	407
M290	2400		151	1100	436
M330	2400		172	1100	497
M363	2400	122	201	1100	581
N56	2200		27	1100	78
N62	2400		31	1100	90

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
CONTINENTAL MOTORS CONTINUED					
R513	2400		267	1100	771
R572	2400		298	1100	861
R602	2400	191	313	1100	904
S749	2200		358	1100	1034
S802	2200		392	1100	1132
S820	2400	250	455	1100	1314
T&B371	2400		193	1100	558
T&B427	2400	133	241	1100	696
U501	2400		260	1100	751
V603	2800		313	1100	904
Y112	2400	37	58	1100	168
Y69	2400		37	1100	107
Y91	2400	27	91	1100	263
CUMMINS					
3B2.9	2500	56	115	1000	311
4B3.9	2500	76	150	1050	419
4BT	2500	105	289	890	750
4BT	2500	120	336	970	922
4BT3.9	2500	100	253	1000	684
4BT3.9-G1	1800	86	147	850	357
4BT3.9-G2	1800	102	157	850	381
4BTA3.9	2500	120	298	900	751
6B5.9	2500	116	226	1000	611
6BT	2500	190	590	780	1290
	2500	230	535	1031	1531
	2300	230	520	910	1380
6BT5.9	2500	152	381	900	960
6BT5.9-G1	1800	135	224	900	564
6BT5.9-G2	1800	166	285	900	718
6BTA5.9	2500	180	449	900	1131
6C8.3	2500		316	1000	854
6CT	2300	250	570	930	1740
	2200	300	742	1000	2140
	2000	275	590	985	1665
6CT8.3	2500		555	900	1398
6CTA8.3	2500	250	632	900	1592
C-160	2500	153	300	900	756
C-180	2500	173	350	900	881
C-190	2500	190	495	900	1247
FLEET 270	1600	270	710	900	1788
FLEET 300	1600	300	765	900	1927
	1600	300	710	900	1788
Formula 240	1800	240	630	900	1587
	1800	240	618	900	1556
Formula 270	1800	270	720	900	1813
Formula 300	1800	300	761	900	1917
	1800	300	745	900	1876
	1800	300	744	900	1874
Formula 315	1800	315	735	900	1851
Formula 350	1800	350	821	900	2068
	1800	350	800	900	2015
	1800	350	857	900	2158
Formula 400	1900	400	1060	900	2670
	1900	400	930	950	2428
	1900	400	986	900	2483
Formula 450	1900	450	1110	950	2898
Formula L10-240					
	1900	240	522	900	1315
	1900	240	580	900	1461
	1900	240	585	900	1473

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
Formula L10-270					
	1900	270	556	900	1400
	1900	270	618	900	1556
	1900	270	606	900	1526
Formula L10-300					
	1900	300	609	900	1534
GNH-220-IP	1800	177	250	900	630
GNH-250-IP	1800	204	265	900	667
GV-12-525-IP	1800	408	580	900	1461
ISB	2500	185	578	698	1257
	2600	190	526	801	1250
	2500	205	508	831	1246
	2600	210	526	857	1313
	2500	225	510	892	1311
	2500	240	610	812	1456
	2500	245	610	812	1456
	2600	260	622	886	1592
	2500	275	620	956	1673
ISC	2400	225	708	706	1417
	2400	240	721	746	1485
	2400	260	743	765	1578
	2200	285	682	833	1531
	2200	300	688	860	1578
	2200	315	682	919	1686
	2200	330	693	927	1758
	2200	350	706	966	1841
ISL	2100	310	689	891	1682
	2100	330	708	933	1740
ISM	2100	280	777	670	1523
	1800	310	734	721	1528
	1800	330	773	742	1610
	2100	350	888	720	1778
	2100	370	918	737	1853
	2100	400	918	737	1853
	2100	425	855	969	2171
	2100	450	974	789	2030
	2100	500	940	965	2341
ISX	1800	400	1063	655	2036
	1800	450	1129	696	2218
	2000	475	1126	842	2504
	2000	500	1125	905	2633
	2000	600	1227	975	3202
KT-1150-C	2100	450	1130	900	2846
KT-2300-C	2100	900	2400	880	5956
KT-450	2100	450	1130	850	2741
KTA-1150-C	2100	600	1400	900	3526
	2100	525	1410	880	3499
KTA-2300-C	2100	1200	2900	900	7304
	2100	1050	2700	900	6800
KTA-3067-C	2100	1600	3760	900	9470
	2100	1350	3455	900	8701
KTA-525	2100	525	1425	850	3457
KTA-525-FORM					
	1900	525	1200	850	2911
KTA-600	2100	600	1400	850	3396
KTTA-19-C		650		900	
KTTA-38-C		1350		900	
KTTA-50-C		2000		900	
L10	1700	260	615	745	1300
	1700	280	640	760	1407
	1600	310	638	825	1470
	2100	270	670	900	1687
	2100	300	659	900	1660

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
M11	1600	280	615	817	1476
	1600	310	670	813	1390
	1600	350	760	822	1554
	1600	370	770	828	1641
	1600	400	840	832	1801
N-855-C	2100	220	460	850	1116
	2100	235	460	850	1116
N-927	1950	240	465	880	1154
	2100	260	495	880	1228
	2100	240	495	880	1228
N14	1800	330	1014	657	1997
	1800	400	1126	723	2354
	2100	350	1212	606	2254
	2100	370	1283	651	2474
	2100	460	1329	737	2737
	2100	500	1380	802	2984
	2100	525	1380	802	2984
	2100	410	1164	670	2614
	2100	435	1302	714	2639
	2100	550	1380	802	2984
	2100	525	1380	802	2984
NH-220	2100	212	470	900	1184
NH-230	2100	220	460	900	1159
NH-230S	1800	186	460	900	1159
NH-250-M	2100	240	460	950	1201
	1800	190	395	1050	1105
	1800	200	395	900	995
	2100	210	460	900	1159
NHC-250	2100	240	460	900	1159
	2300	240	710	900	1788
NHC-250-D	2100	240	460	900	1159
NHD-230	2100	220	495	900	1247
NHF-240	2300	230	505	900	1272
NHF-265	2300	255	505	900	1272
NHH-250	2100	240	460	900	1159
NHHTC-335	2100	335	850	850	2062
NHTF-295	2300	295	710	900	1788
NT-335-M	1800	235	625	950	1632
	1800	265	650	900	1637
	2100	285	775	950	2024
	2100	335	800	950	2089
NT-380-M	2300	380	950	950	2481
	2000	253	700	1000	1893
	2000	300	750	900	1889
	2300	320	900	980	2400
NT-855-C	2100	310	895	880	2221
	2100	280	860	850	2086
	2100	250	825	850	2001
	2100	335	920	900	2317
	2100	335	900	900	2267
	2100	280	820	900	2065
	2100	250	680	880	1687
	2100	310	835	900	2103
NTA-370	1950	335	810	850	1965
	2100	370	950	850	2305
NTA-400	2100	400	1000	850	2426
NTA-420	2300	420	1080	900	2720
NTA-855-C	2100	400	1000	880	2481
	2100	360	960	880	2382
	2100	360	980	900	2468
	2100	400	1050	900	2644
NTC-270-CT	2100	240	740	850	1795
	2100	225	760	900	1914
	2100	270	825	900	2078

Engine Exhaust Flow & Air Consumption Guide

Donaldson FILTRATION SOLUTIONS

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
CUMMINS CONTINUED					
NTC-290	2100	270	665	950	1736
	2100	290	685	900	1725
	1950	255	580	920	1482
NTC-300	2100	300	936	900	2357
NTC-335	2100	280	780	880	1936
	2100	300	805	880	1998
	2100	335	850	900	2141
	2100	320	830	900	2090
NTC-350	2100	350	885	900	2229
	2100	335	865	880	2146
	2100	320	845	880	2097
	1950	310	760	850	1844
	2100	350	986	900	2483
	2100	350	930	900	2342
NTC-400	2100	400	1165	950	3042
	2100	400	1030	900	2594
NTCC-300	2100	300	868	900	2186
NTCC-350	2100	350	1000	900	2519
NTCC-400	2100	400	1090	900	2745
NTF-295	2300	295	710	850	1722
NTF-365	2300	365	960	920	2453
P.TORQ. 240	2100	240	618	900	1556
P.TORQ. 270	2100	240	735	900	1851
	2100	270	840	900	2116
P.TORQ. 315	2100	315	890	950	2324
P.TORQ. L10-240					
	2100	240	645	900	1624
	2100	240	577	900	1453
	2100	240	647	900	1629
P.TORQ.L10-270					
	2100	270	630	900	1587
Signature	2000	500	1072	959	2638
	2000	565	1117	986	2777
	2000	600	1164	1013	2936
SUPER 250	2100	240	495	900	1247
V-12-500-M	2100	480	840	900	2116
	1800	370	720	950	1880
	1800	400	720	900	1813
	2100	425	840	950	2193
V-378-C	3000	145	277	900	698
V-504-C	3000	195	357	900	899
V-504-M	3300	202	425	950	1110
	2500	158	322	900	811
	3300	197	386	900	972
V-555	3300	216	470	880	1166
V-555-C	3000	215	430	850	1043
V-555-E	3300	202	470	900	1184
V-903	2600	307	610	900	1536
	2600	255	610	900	1536
	2600	269	610	900	1536
	2600	288	610	880	1514
V-903-C	2600	295	610	880	1514
	2600	265	610	850	1480
V-903-M	2600	307	610	950	1593
	2300	250	545	900	1373
	2500	302	585	900	1473
V-9035	2200	250	520	880	1290
V5-120-635-M					
	1800	435	1060	900	2670
V5-120-635-M					
	2100	540	1380	900	3476
V6-155	3300	149	318	950	830
V8-185-E	3300	178	425	950	1110
V8-210	3300	202	425	950	1110
V8-300	3000	288	580	970	1536
V8-300-M	3000	288	585	950	1528
	2600	220	505	900	1272
	2800	260	545	950	1423
VT-12-635-M					
	2100	635	1460	950	3812
	1800	490	1100	900	2770
VT-12-700-M					
	2100	700	1600	980	4267
	1800	480	1130	900	2846
	1800	545	1190	900	2997
	2100	595	1500	950	3917
VT-12-800-M					
	2100	800	1820	950	4752
	1800	550	1325	900	3337
	1800	620	1400	900	3526
	2100	680	1700	950	4439
VT-1710-C	2100	635	1700	900	4281
VT-555	3000	220	625	900	1574
VT-555-C	3000	230	585	850	1419
VT-903	2600	307	850	900	2141
		350	1050	900	2644
	2600	320	930	900	2342
VT-903-C	2600	350	920	900	2317
	2600	320	905	900	2279
VT8-370-M	3000	370	930	950	2428
	2600	270	760	900	1914
	2800	320	865	950	2259
VTA-1710-C	2100	700	1880	950	4909
	2100	800	2100	980	5600
VTR-28-C		900		900	
DETROIT DIESEL					
12V-149	1900	800	2800	850	6793
12V-149T	1900	1000	3600	850	8733
12V-149TI	1900	1200	4300	850	10431
12V-71	1800	350	1128	850	2736
	2300	471	1430	850	3469
	2100	456	1309	850	3176
12V-71T	2100	525	1800	850	4367
	1800		1650	850	4003
16V-149	1900	1060	3600	850	8733
16V-149T	1900	1325	4800	850	11644
16V-149TI	1900	1600	5500	850	13343
16V-71	2100	608	1748	850	4241
	1800	466	1506	850	3653
16V-71T	1800		2240	850	5434
	2100	700	2300	850	5580
16V-92	1800	600	1960	850	4755
	2100	720	2300	850	5580
16V-92T	2100	860	3200	850	7763
	1800		2600	850	6307
2-53	1800		130	850	315
	1200		91	850	221
	200		142	850	344
2-71	200	65	223	850	541
	1800	48	200	850	485
	1200		131	850	318
3-53/2-VAL	2200	75	242	850	587
	1800	59	202	850	490
	2200		253	850	614
	2800	98	319	850	774
3-53T	2500	125	500	850	1213
	2500	125	500	850	1213
3-71	1800	82	319	850	774
	2100	109	375	850	910
	1200		207	850	502
4-35T	2500	170	596	850	1446
4-53/2-VAL	2200	103	340	850	825
	1000		282	850	684
	2200		356	850	864
	2800	136	450	850	1092
4-53T	2500	170	596	850	1446
	1200		275	850	667
	2300	159	550	850	1334
	1800	117	425	850	1031
	2100	152	500	850	1213
6-71	2300	236	825	850	2001
	1800	175	637	850	1545
	2100	228	750	850	1819
	1200		413	850	1002
6-71T	2100	275	1045	850	2535
6-71TT	1950	230	930	850	2256
6-V-71	2300	236	715	850	1735
	1800	175	564	850	1368
	2100	228	655	850	1589
6V-53	2200		534	850	1295
	2800	210	675	850	1638
	2600		627	850	1521
6V-53T	2500	230	855	850	2074
6V-92	1800	225	730	850	1771
	2100	270	860	850	2086
6V-92T	1800		1000	850	2426
	2100	322	1200	850	2911
6V-92TA	2100	335	1225	850	2972
6V-92TT	1950		1030	850	2499
6V-92TTA	1950	270	1050	850	2547
8.2LN	3000	165	376	850	912
8.2LT	3000	205	553	850	1342
8V-53	2200		693	850	1681
	2500		786	850	1907
8V-71	1800	233	753	850	1827
	2300	314	954	850	2314
	2100	304	874	850	2120
8V-71T	2100	350	1200	850	2911
	1800		1100	850	2669
8V-71TA	2100	370	1240	850	3008
8V-71TT	1950		1240	850	3008
8V-71TTA	1950	305	1055	850	2559
8V-92	1800	300	980	850	2377
	2100	360	1150	850	2790
8V-92T	2100	430	1600	850	3881
	1800		1300	850	3154
8V-92TA	2100	435	1434	850	3479
8V-92TT	1950		1300	850	3154
8V-92TTA	1950	365	1250	850	3032
Series 40E (7.6 LTA)					
	2300	175	675	670	1450
	2600	190	705	710	1575
	2600	210	740	765	1730
	2600	230	700	885	1810
	2400	195	715	720	1610
	2400	250	700	885	1810
Series 40E (8.7 LTA)					
	2200	250	685	850	1725
	2200	275	705	955	1890
	2200	300	710	965	1930
	2200	320	715	985	1995

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
DETROIT DIESEL CONTINUED					
Series 50 (8.5 Ltr)					
	2100	250	760	625	1575
	2100	275	790	680	1720
	2100	300	820	715	1845
	2100	320	815	730	1861
	2100	350	815	850	2055
Series 60 (12.7 Ltr)					
	2100	330	1050	610	2157
	2100	350	1090	645	2310
	2100	370	1010	725	2300
	2100	400	1050	780	2500
	2100	430	1080	820	2652
	2100	470	1170	825	2877
	2100	500	1170	825	2877
Series 60 (14 Ltr)					
	2100	550	1231	986	3402
	2100	575	1271	867	3221
DEUTZ					
BF12L 714	2300	390	695	850	1686
BF6L 913	2800	175	396	850	961
F10L 413	2650	310	595	850	1443
F10L 714	2300	275	577	850	1400
F12L 413	2650	370	714	850	1732
F12L 714	2300	330	695	850	1686
F1L 208	3600	9	70	850	170
F1L 210	3000	16	96	850	233
F1L 411D	3000	16	98	850	238
F2L 411D	3000	32	133	850	323
F2L 411W	3000	30	133	850	323
F2L 912	2500	36	150	850	364
F2L 912W	2500	34	150	850	364
F3L 912	2800	60	176	850	427
F3L 912W	2500	50	158	850	383
F4L 912	2800	80	202	850	490
F4L 912W	2500	67	180	850	437
F5L 912	2800	100	210	850	509
F5L 912W	2500	84	187	850	454
F6L 413	2650	185	357	850	866
F6L 714	2300	165	347	850	842
F6L 912	2800	120	252	850	611
F6L 912W	2500	101	224	850	543
F8L 413	2650	250	476	850	1155
F8L 714	2300	220	463	850	1123
FORD					
00	2400	59	101	900	254
172DF	2400	59	101	900	254
175DF	2500	52	108	900	272
183D	2200	52	99	900	249
192DF	2400	65	113	900	285
201DF	2250	66	111	900	280
220	2400	69	130	900	327
233D	2100	68	120	900	302
242D	2230	76	133	900	335
242DF	2500	79	149	900	375
254DF	2500	80	157	900	395
256DF	2500	89	157	900	395
3320DF	2500	111	203	900	511
362DF	2500	121	223	900	562
363DFT	2400	150	214	900	539
380DF	2500	120	233	900	587
401DF	2500	132	246	900	620
401DFT	2500	167	246	900	620
67GF	3600	32	60	900	151
98GF	3600	45	87	900	219
X	2250	60	122	900	307
Y	2250	96	183	900	461
HATZ DIESEL					
2L30	3000	30	68	1100	196
2L40	3000	37	82	1100	237
2M40	3000	40	85	1100	246
3L30	3000	45	101	1100	292
3L40	3000	55	123	1100	355
3M40	3000	60	130	1100	376
4L30	3000	60	135	1100	390
4L40	3000	74	164	1100	474
4M40	3000	80	170	1100	491
E573	3000	3	14	1100	40
E673	3000	5	16	1100	46
E75	3000	7	18	1100	52
E780	3000	10	25	1100	72
E786	3000	14	30	1100	87
E79	3000	8	20	1100	58
E88	2600	10	28	1100	81
E89	2600	12	30	1100	87
E950	3000	17	36	1100	104
Z788	3000	23	55	1100	159
HINO					
Z790	3000	30	61	1100	176
DK10	2000	132	325	900	819
DK10T	1800	160	425	900	1070
DM100	2400	62	165	900	416
EB300	2000	132	315	900	793
EC100	2600	76	208	900	524
EF550	2200	230	572	900	1441
EF750	2200	245	589	900	1483
EF750T	2200	272	850	900	2141
EH100	2600	93	244	900	615
EH500	2800	114	277	900	698
EH700	2800	118	290	900	730
EK100	2200	196	467	900	1176
EL100	2600	132	327	900	824
EL100T	2400	145	440	900	1108
EM100	2400	148	362	900	912
ER100	2200	160	407	900	1025
EV700	2200	298	700	900	1763
ISUZU					
QD100	3200	87	185	900	466
QD130	2800	115	230	900	579
QD145	3200	129	280	900	705
QD145T	2500	139	305	900	768
QD200	2200	194	410	900	1033
QD200T	2000	218	515	900	1297
QD27	2800	26	50	900	126
QD40	2800	40	80	900	201
QD60	3800	55	140	900	353
QD85	3000	68	162	900	408
QD90	2800	75	150	900	378
QT15	3600	14	55	900	139
QT23	3600	22	75	900	189
QT35	3000	32	96	900	242
IVECO					
803 i 3L-NA	2500	51	120	1100	347
804 i 4L-NA	2500	68	155	1100	448
805 i 5L-NA	2500	84	74	1100	214
806 i 6L-NA	2500	102	235	1100	679
806 i tc 6L-TC	2500	131	340	900	856
8210 i 6L-NA	2000	205	440	1100	1271
8280 i V8-NA	2200	287	600	1100	1733
8281 SRi V8-TCA	2200	424	900	900	2267
8281 Si V8-TC	2000	331	790	900	1990
8361 Si 7L-TC	2400	157	450	900	1133
8361 i 6L-NA	2500	139	322	1100	930
JOHN DEERE					
3164D	2500	52	100	900	252
3179D	2500	58	100	900	252
3179T	2500	79	178	900	448
4219D	2500	70	135	900	340
4239A	2500	117	277	900	698
4239D	2500	80	148	900	373
4239T	2500	109	258	900	650
4276D	2500	82	160	900	403
4276T	2200	98	266	900	670
6076A	2200	240	568	900	1431
6076H	2200	250	647	900	1629
6076T	2200	190	505	900	1272
6329D	2500	104	200	900	504
6359A	2500	176	470	900	1184
6359D	2500	121	228	900	574
6359T	2500	163	370	900	932
6414D	2200	118	228	900	574
6414T	2200	146	360	900	907
6466A	2100	233	579	900	1458
6466D	2200	138	258	900	650
6466T	2200	185	484	900	1219
6619A	2100	301	680	900	1713
8955A	2100	456	1130	900	2846
8955T	2100	356	978	900	2463
KOHLER					
K161	3600	7	14	1150	42
K181	3600	8	16	1150	48
K241	3600	10	20	1150	60
K301	3600	12	24	1150	72
K321	3600	14	26	1150	78
K341	3600	16	30	1150	89
K582	3600	23	48	1150	143
K91	3600	4	7	1150	21
KT17	3600	17	35	1150	104
KT19	3600	19	39	1150	116
KUBOTA					

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Donaldson FILTRATION SOLUTIONS

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
D1402-B	2800	31	62	900	156
D3200-B	2400	66	123	900	310
D600-B	3600	16	35	900	88
D850-BW	3000	20	41	900	103
DH850-B	3600	23	49	900	123
S2800-B	2600	58	116	900	292
V1100-B	3000	26	55	900	139
V1702-B	2800	40	77	900	194
V1902-B	2800	42	83	900	209
V4300-B	2400	88	164	900	413
VH1100-B	3600	31	66	900	166
Z400-B	3600	11	23	900	58
Z600-BW	3200	14	29	900	73
ZB400-B	3200	10	21	900	53
ZB600C-1-B	3200	14	29	900	73
ZH600-B	3600	16	33	900	83

LISTER

HL3	2500		125	900	315
HL4	2500		167	900	421
HL6	2500		250	900	630
HLT6	2100		300	900	756
HR2	2200		73	900	184
HR3	2200		110	900	277
HRW2	2200	31	74	900	186
HRW3	2200	47	110	900	277
HRW4	2200	62	146	900	368
HRW6	2200	93	220	900	554
HRWS6	2000	102	200	900	504
LT1	3600	8	24	900	60
LV1	3600	9	28	900	71
LV2	3600	18	55	900	139
ST1	3000	10	31	900	78
TL2	3000	27	74	900	186
TL3	3000	40	111	900	280
TS2	3000	22	61	900	154
TS3	3000	33	91	900	229

LOMBARDINI

10LD 400-2	3000	16	34	1000	92
10LD 400-2/B1	3600	18	41	1000	111
11LD 535-3	3000	33	74	1000	200
11LD 625-3	3000	38	84	1000	227
3LD 450	3000	10	20	1000	54
3LD 510	3000	11	22	1000	59
3LD 510/L	2200	8	17	1000	46
4LD 640	3000	14	28	1000	76
4LD 640/L	2200	10	22	1000	59
4LD 705	2600	15	27	1000	73
4LD 820	2600	18	32	1000	87
4LD 820/L	2200	14	27	1000	73
5LD 675-2	3000	29	58	1000	157
5LD 675-3	3000	44	87	1000	235
5LD 825-2	2600	34	63	1000	170
5LD 825-2/L	2200	27	53	1000	143
5LD 825-3	2600	52	94	1000	254
5LD 825-3/L	2200	40	80	1000	216
5LD 825-4	2600	67	125	1000	338
5LD 825-4/L	2200	54	106	1000	287
5LD 930-3	2600	54	105	1000	284
5LD 930-4	2600	72	140	1000	379
6LD 260	3600	5	15	1000	41
6LD 260/C	1800	5	14	1000	38
6LD 325	3600	7	17	1000	46
6LD 325/C	1800	7	17	1000	46
6LD 360	3600	8	19	1000	51
6LD 360 V	3600	8	19	1000	51
6LD 400	3600	8	21	1000	57
7LD 665	3000	15	29	1000	78
7LD 665/F	3000	15	29	1000	78
7LD 740/I	3000	16	32	1000	87
8LD 600-2	3000	26	52	1000	141
8LD 665-2	3000	29	58	1000	157
8LD 665-2/L	2200	22	44	1000	119
8LD 740-2	2600	29	52	1000	141
9LD 561-2	3000	26	48	1000	130
9LD 561-2/L	2200	18	37	1000	100

MACK

E6	NA	350	NA	750	1950
E7	NA	300	NA	728	1561
	NA	350	NA	742	1679
	NA	400	NA	791	1934
	NA	427	NA	795	2136
	NA	460	NA	814	2315
	NA	310/330	NA	728	1550
	NA	330/355	NA	735	1653
	NA	355/380	NA	736	1767
E9	NA	500	NA	740	3050
EN291	2800		178	900	448
EN331	2800		206	900	519
EN402	2800		246	900	620
EN438	2600		247	900	622
EN540	2400		280	900	705
EN707C	2100		306	900	771
END465	2600		325	900	819
END475	2400		280	900	705
END5673C	2100	250	600	900	1511
END5864	2300	270	850	900	2141
END673E	2100	180	400	900	1007
END707	2100	200	410	900	1033
END864BC	2450		540	900	1360
ENDT475	2400		460	900	1159
ENDT673	2100	225	600	900	1511
ENDT675	2100	237	625	900	1574
ENDT676			800	900	2015
ENDT864A	2300		860	900	2166
ENDT865	2600	325	960	900	2418
ENDT866	2400	275	1050	900	2644
ENDTF673	2300		665	900	1675
ENDTF673C	2200		625	900	1574

MERCEDES-BENZ

OM314	2800	85	170	900	428
OM346	2800		427	900	1075
OM352	2800	130	260	900	655
OM352A	2800	168	336	900	846
OM355	2000	200	327	900	824
OM360	2500	190	308	900	776
OM401	2500	195	340	900	856
OM402	2500	260	340	900	856
OM403	2500	325	463	900	1166
OM404	2500	430	738	900	1859
OM407	2200	240	480	900	1209
OM407A	2200	280	560	900	1410
OM407h	2200	240	480	900	1209
OM407hA	2200	280	560	900	1410
OM421	2300	216	432	900	1088
OM422	2300	280	560	900	1410
OM422A	2300	330	660	900	1662
OM422LA	2300	375	750	900	1889
OM423	2300	355	710	900	1788
OM423LA	2100	470	940	900	2367
OM424	2300	420	840	900	2116
OM424A	2300	530	1060	900	2670
OM424LA	2300	615	1230	900	3098
OM616	3600	67	134	900	337
OM617	3600	82	164	900	413
OM636	3500	40	95	900	239

MITSUBISHI

S12A-PT	1800	660	1620	900	4080
S12A-PTA	1800	850	2080	900	5239
S12A-PTK	1800	900	2190	900	5516
S12N-PT	1800	1000	2440	900	6145
S12N-PTA	1800	1130	2750	900	6926
S12N-PTK	1800	1230	3000	900	7556
S12U-PTA	1200	3100	7910	900	19921
S12U-PTK	1200	3300	8400	900	21156
S16N-PT	1800	1320	3210	900	8084
S16N-PTA	1800	1500	3670	900	9243
S16N-PTK	1800	1620	3960	900	9973
S6A-PT	1800	330	810	900	2040
S6A-PTA	1800	425	1020	900	2569
S6A-PTK	1800	450	1100	900	2770
S6B-PT	1800	260	640	900	1612
S6B-PTA	1800	320	780	900	1964
S6B-PTK	1800	360	880	900	2216
S6N-PT	1800	500	1240	900	3123
S6N-PTA	1800	565	1380	900	3476
S6N-PTK	1800	615	1480	900	3727
S6U-PTA	1200	1550	3960	900	9973
S6U-PTK	1200	1650	4200	900	10578
S8N-PT	1800	660	1620	900	4080
S8N-PTA	1800	750	1840	900	4634
S8N-PTK	1800	810	1980	900	4987

MTU OF NORTH AMERICA

12V-396-TB-83	1845	1560	3919		3338
12V-396-TB-93	1845	1200	4534		3862
12V-396-TC-82	1745	1300	2902		2472
8V-396-TB-83	1845	1050	2436		2075
8V-396-TB-93	1845	1800	2944		2508
8V-396-TC-82	1745	870	1864		1588

NAVISTAR

4-196	3800	86	162	1150	483
6.9 L	3000	170	330	1000	892
7.3 LT (T444)	2600	190	605	753	1359
7.3 L	3000	175	349	1000	944
9.0 L (DV550)	2800	185	410	1050	1146
C-200	2500	74	109	1150	325
C-221	2600	90	124	1150	370
C-263	2800	109	160	1150	477
C-301	2800	118	183	1150	546
C-345	3000	160	224	1150	668

NAVISTAR CONTINUED

C-392	3000	180	255	1150	760

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
C-549	3200	232	381	1150	1136
C135B	2400	46	70	1150	209
C153	2400	53	80	1150	239
C175	2500	63	95	1150	283
D155	2500	48	95	900	239
D179	2400	59	99	900	249
D188	2400	62	104	900	262
D206	2500	56	119	900	300
D236	2400	65	131	900	330
D239	2500	80	138	900	348
D268	2500	85	165	900	416
D282	2400	95	156	900	393
D310	2300	101	165	900	416
D312	3000	117	216	900	544
D360	3000	136	250	900	630
D370	2200	105	188	900	473
D407	2600	127	245	900	617
D414	3000	157	287	900	723
D466	3000	165	323	900	813
D550B	3000	200	382	900	962
D554	2300	150	294	900	740
D691	1600	150	256	900	645
DT239	2500	110	225	900	567
DT358	2400	130	340	900	856
DT360	2700	190	588	850	1426
DT361	2600	146	341	900	859
DT402	2400	165	380	900	957
DT407	2500	160	368	900	927
DT414	3000	220	449	900	1131
DT420	2600	225	403	900	1015
DT466	2400	195	664	737	1520
DT466	2400	210	650	765	1530
DT466	2400	230	677	855	1710
DT466	2400	250	650	845	1640
DT466	2400	275	650	984	1820
DT573	2600	300	539	900	1357
DT573B	2600	260	525	900	1322
DT817	2100	385	975	900	2456
DT817B	2100	320	975	900	2456
DT817C	2200	420	975	900	2456
DVT800	2600	310	752	900	1894
MV-404	3600	188	315	1150	939
MV-446	3600	235	348	1150	1038
UC60	2500	17	33	1150	98
UR-450	2400	158	234	1150	698
UV-401	2800	165	243	1150	725
V-304	4400	180	298	1150	888
V-345	3800	172	284	1150	847
V-345	3800	168	284	1150	847
V-392	3600	236	306	1150	912
V-537	3200	208	372	1150	1109
VS-478	3400	224	352	1150	1049
VS-549	3200	243	381	1150	1136

NISSAN

A-12	4800	58	74	900	186
A-15	4800	78	95	900	239
ED-33	3200	83	168	900	423
FD-33T	3200	105	235	900	592
FD-6	2700	131	243	900	612
FD-6T	2700	148	340	900	856
H-20	3100	55	82	900	207
H-30	2600	66	102	900	257
J-15	2800	32	55	900	139
LD-20	2600	38	80	900	201
LD-28	2600	53	115	900	290

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
ND-6	2400	130	260	900	655
P-40	2300	80	120	900	302
PD-6	2200	173	360	900	907
PD-6T	2200	227	505	900	1272
PE-6	2200	200	408	900	1028
PE-6T	2200	250	570	900	1436
RD10	2400	330	682	900	1718
RD10T	2400	415	1000	900	2519
RD10TA	2300	485	1200	900	3022
RD8	2400	265	545	900	1373
RD8T	2400	320	763	900	1922
SD-16	3200	36	85	900	214
SD-22	3200	51	110	900	277
SD-25	3200	60	126	900	317
SD-33	3200	79	165	900	416
SD-33T	3200	92	230	900	579

PERKINS

3.1522	2500	44	95	900	239
4-107	4000	57	99	900	249
4-108	4000	60	100	900	252
4-154	3600	80	128	900	322
4-203	2600	63	122	900	307
4-236	2800	80	153	900	385
4-248	2500	85	144	900	363
4-270	2000	62	125	900	315
4-300	2200	90	152	900	383
4-302	2300	76	161	900	405
4-318	2000	75	147	900	370
4-99	4000	55	92	900	232
4.108	4000	49	102	900	257
4.165	3600	70	135	900	340
4.2032	2250	58	117	900	295
4.236	2800	82	157	900	395
4.248	2500	84	152	900	383
4.318	2000		140	900	353
6-305	2600	89	184	900	463
6-354	2800	120	230	900	579
6-372	2500	121	215	900	541
6.247	3600	101	205	900	516
6.3544	2800		238	900	599
6.3724	2500		227	900	572
D3-152	2500	52	88	900	222
D3.152	2500	49	3	900	8
D4.203	2500		3	900	8
T6-354	2400	150	307	900	773
T6-354-3	2500	140	320	900	806
T6.3544	2600		370	900	932
TV8.640	2600		685	900	1725
V8-510	2800	185	331	900	834
V8-540	2500	166	312	900	786
V8-605	2500	200	350	900	881
V8.540	2600		370	900	932
V8.640	2600		411	900	1035

RENAULT

18TS/GTS	5750	92	230	1150	686
20 TL/GTL	5500	98	200	1150	596
20 TX	5500	112	230	1150	686
20 TX	5000	112	230	1150	686
4 GTL	4000	33	70	1150	209
4L/TL	4250	20	40	1150	119
9 TD/GTD	4800			900	
FUEGO TURBO D	4250	85	211	900	531
TRAFIC	4750	46	90	1150	268
TRAFIC	5000	46	90	1150	268
TRAFIC PROP	4000	56	140	900	353

SAME

1052 LP	2500	39	83		71
1053 P	2500	64	124		106
1054 P	2500	85	165		141
1054 PT	2300	90	152		129
1055 P	2500	105	206		175
1056 P	2500	126	248		211
1056 PS	2300	148	228		194
1056 PT	2300	160	228		194
916.3A	3000	61	131		112
916.4A	3000	81	175		149

TELEDYNE

ACN	3600	6	13		11
AENL	3600	9	20		17
AGND	3200	12	26		22
BKN	3600	7	16		14
EY18-3W	3600	5	10		9
EY21W	3800	17	33		28
EY25W	3600	6	15		13
EY27W	3600	8	16		14
EY44W	3600	10	22		19
NH4D	2800	30	75		64
R08	5000	27	60		51
R11	4200	34	73		62
R14	4200	48	105		89
R17	5000	83	180		153
R22	5500	101	220		187
RD16	4800	54	135		115
RD21	4200	62	155		132
S-12D	3600	12	31		26
S-14D	3600	14	30		26
S-8D	3600	8	18		15
TJD	3600	18	48		41
TM13	3000	33	70		60
TM13	3000	22	45		38
TM20	3000	52	100		85
TM20	3000	44	90		77
TM27	3000	69	125		106
TM27	3000	59	120		102
TMD13	3000	29	72		61
TMD20	3000	44	110		94
TMD27	3000	121	300		256
TRA-12D	3600	12	25		21
V-465D	3000	66	133		113
V460D	3000		65		55
VE4	2400		48		41
VF4	2400		56		48
VG4D	2400	37	75		64
VH4	2800		61		52
VH4D	2800	30	65		55
VR4D	2200	37	122		104
W2-1230	3600	25	55		47
W2-1235	3600	30	68		58
W2-880	3600	20	44		37
W4-1770	3000	35	72		61
WD1-340	3000	7	18		15

TELEDYNE CONTINUED

WD1-350	3000	8	20		17
WD1-430	3000	10	24		20

Engine Exhaust Flow & Air Consumption Guide

Donaldson FILTRATION SOLUTIONS

Engine Model	RPM	HP	Intake CFM	-- Exhaust -- Temp. (°F)	Flow (CFM)
WD1-450	3400	10	26		22
WD1-660	3000	15	38		32
WD1-670	3000	16	40		34
WD1-750	3000	17	43		37
WD2-1000	3000	21	52		44
WD2-860	3000	19	48		41
WI-145	4000	4	8		7
WI-145V	3600	4	8		7
WI-185	3600	5	10		9
WI-185V	3600	5	10		9
WI-340	3600	9	20		17
WI-390	3600	11	22		19
WI-588	3600	16	34		29
VOLKSWAGON					
026.2	2200	70	140	1150	417
068.5	4000	48	90	900	227
068.A	4000	60	120	900	302
075.1	4000	75	145	900	365
126A	2000	45	90	1150	268
VOLVO					
D45BPP	2300	75	195	900	491
TD100G	2000	223	460	900	1159
TD100GPP	2000	223	460	900	1159
TD120HP	2000	286	575	900	1448
TD121G	2000	284	575	900	1448
TD45B	2200	90	235	900	592
TD61A	2500	154	330	900	831
TD61AP	2500	165	350	900	881
TD61AW	2500	162	350	900	881
TD71A	2200	189	360	900	907
TD71AP	2200	192	360	900	907
TD71AW	2400	190	360	900	907
TID100KPP	2000	249	515	900	1297
TID121KP	2000	343	695	900	1750
TID121LP	1800	401	800	900	2015
TID71A	2200	216	380	900	957
TID71AP	2200	209	400	900	1007
WAUKESHA					
190DLC	2800	84	128		109
197DLC	2800	91	208		177
197DLCS	2800	131	320		273
D317D	2400	118	285		243
D317DS	2400	142	340		290
F1197D	1800	258	620		528
F1197DS	1800	400	960		818
F1197DSI	2400	462	1100		937
F1905DS	1200	397	860		733
F1905DSI	2200	514	1015		865
F2896D	1200	415	804		685
F2896DS	1200	695	1032		879
F2896DSI	1200	877	1305		1112
F475D	2400	182	440		375
F475DS	2400	216	520		443
F674D	2200	226	540		460
F674DS	2200	229	550		469
H1077D	2400	346	630		537
H1077DS	2400	522	1080		920
H1077DSI	2400	557	1190		1014
H866DS	2300	384	920		784
L1616D	2400	520	940		801
L1616DS	2400	785	1680		1431
L1616DSI	2400	836	1850		1576
L5100D	1200	830	1420		1210
L5100DS	1200	1232	2170		1849
L5100DSI	1200	1375	2560		2181
L5790D	1200	905	1710		1457
L5790DS	1200	1235	2600		2215
L5790DSI	1200	1754	3080		2624
LRDCS	1200	695	1032		879
NKDC	1200	297	566		482
NKDCS	1200	390	860		733
P2154D	2200	592	1420		1210
P2154DS	2200	1017	2450		2087
P2154DSI	2200	1077	2600		2215
VLRD	1200	905	1710		1457
VLRDS	1200	1235	2600		2215
VRD232	2200	68	160		136
VRD283	2200	76	180		153
VRD310	2400	106	255		217
WAKD	1800	258	530		451
WAKDS	1800	400	810		690
WHITE ENG					
D-2000	2600	70	120		102
D-2300	2400		137		117
D-2300T	2400		211		180
D-3000	2800	110	193		164
D-3000T	2600	130	280		239
D-3300T	1800		175		149
D-3400	2400		210		179
D-3400T	2400		333		284
D-4800	2400		260		221
D-4800T	2400		400		341
D-4800TA	2400		400		341
D-4800TAH	1800		431		367
G-1600	2400		102		87
G-2000	2800	84	120		102
G-2300	2400		130		111
G-3000	2800	130	181		154
G-3400	2400		210		179
YANMAR					
12LAAL-DT	1800	1060	2772	900	6981
3T95LE	2800	51	114	900	287
4HAL	1800	110	260	900	655
4T95LE	2800	68	150	900	378
4T95LTE	2800	85	208	900	524
6HAL	1800	165	390	900	982
6HAL-DT	1800	330	837	900	2108
6HAL-HT	1800	264	692	900	1743
6HAL-T	1800	209	512	900	1289
6LAAL-DT	1800	530	1370	900	3450
6T95LE	2800	102	233	900	587
6T95LTE	2800	128	314	900	791
8LAAL-DT	1800	705	1800	900	4533

PART NUMBER INDEX

When all you have is a Donaldson part number, this section will lead you to the proper page in the catalog where specific information on that part number can be found.

In some cases you will find two separate page numbers listed, for products such as: mufflers (with references to the specifications section and the muffler selection by engine performance section); and clamps (with references to both dimensional and application information).

Part Number Index

Part Number Index





Global Presence with Local Touch

Donaldson has established a global distribution network to serve our customers locally as well as worldwide. We operate as a global company with a network of primary distribution locations that support a mature hub of regional distribution centers and warehouses.

Donaldson distribution centers are strategically located to quickly and accurately deliver filtration and exhaust products wherever replacement products are needed. We work with a network of transportation, third party logistics companies, consolidators, and cross-docking facilities to meet or exceed our customers' requirements.

All regions of the world benefit from our global umbrella of distribution centers. We focus our efforts on local support and the capabilities of our staff. We continue to make significant investments in facilities, systems, supply chain relationships and staffing to offer the best order fulfillment options available.

Donaldson
FILTRATION SOLUTIONS

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