

2016 SERVICE DEALER GUIDE **VOLUME 2**

DORMAN[®]
NEW SINCE 1918

DORMAN
PRODUCTS

DIESEL PARTICULATE FILTERS

INTEGRATED
CONTROL MODULES

FUEL INJECTION
THROTTLE BODIES

ENGINE CRANKCASE
BREATHER ELEMENTS

HVAC CONTROL
MODULES

Formerly "Dealer Only" Parts,
Now Available in the Aftermarket

PEEL & STICK AS A REMINDER TO ALWAYS CHECK DORMAN FIRST

PARTS SEARCH • TECH HELP
INSTALL VIDEOS • AND MORE



www.DormanProducts.com

KEYLESS REMOTE SOLUTIONS



DO-IT-YOURSELF PROGRAMMING
Simple plug and play programming tool takes only minutes to sync Dorman remote to the vehicle



Over 45 SKUs Available



Complete Key Fob Assemblies

Quick and easy repair solution to lost or broken keyless entry remotes

13776*: Chrysler 300M, Concorde, LHS, Sebring, Intrepid, Stratus, Viper, Liberty 2006-01



- Includes programming tool*, enabling easy vehicle syncing in under five minutes
- Direct replacement ensures proper fit, form and function every time

Failure Mode:

- Internal circuit board fails, original fob becomes lost or broken

New!

IMPORT AND DOMESTIC COVERAGE ALSO AVAILABLE



99159*

Infiniti Q60 2014,
Nissan Altima 2012-07,
Maxima 2014-09



99104*

Hyundai Elantra,
Sonata 2015-06



13777

Chrysler, Dodge Minivan
2003-02



13778

Chrysler Neon,
PT Cruiser 2005-00;
Grand Cherokee 2004-00

*Patent pending programming tool

MARKET-LEADING FLUID RESERVOIR COVERAGE

400 Reservoirs Available, Covering Over 256 Million Repair Opportunities



Coolant Reservoirs

603-217: Ford F250-F550 & Excursion, 2003-07

- Import and domestic applications available for Windshield Washer, Coolant and Power Steering Reservoirs
- Includes Cap and Level Sensor (where applicable)

Failure Mode:

- Original unit becomes brittle and cracks due to extreme underhood temperatures
- Collision damage

ALSO AVAILABLE



603-018

Washer Fluid Reservoir,
Chevrolet Silverado &
GMC Sierra 2001-07



603-934

Power Steering Reservoir,
Dodge Caravan &
Chrysler Town and Country 2001-02



Over 70 SKUs Available

Air Bag Clocksprings

Relays power to steering wheel functions and air bag

525-128: Chrysler 300, Charger, Magnum 2010-05



- Restores airbag system to its original performance

Failure Mode:

- Failure results in wheel controls not functioning properly or illumination of the airbag light



Console Armrest Repair Kit

924-814: GM Blazer, S10, Jimmy, Sonoma 2003-95

- Includes all necessary components to reduce repair time
- Upgraded from plastic to steel for a longer service life
- Save time and money, replace the broken console piece instead of the complete assembly

Failure Mode:

- General wear and tear - plastic under the console armrest cracks from repeated opening and closing



Over 25 SKUs Available

Available in a variety of colors, sizes and designs

Console Lids

Replacement lid for a center console assembly

924-873: GM Avalanche, Silverado, Sierra, Suburban, Tahoe, Yukon 2014-07

- Complete Kit - Includes all necessary hardware for a complete repair (where applicable)
- Reduce Repair Costs - Replace just the broken lid, instead of the entire console assembly



Over 200 New and Reman SKUs Available

Master Window Switches

Driver side master switch to adjust power windows, heated seats, door locks and side view mirrors

901-400R: Chrysler, Dodge Minivan 2014-12, Ram Pickup 2015-12

- Completely remanufactured and tested for durability and quality assurance
- Easy plug-and-play installation, no programming required
- Direct replacement ensures a proper fit every time



MARKET LEADING COVERAGE

Over 640 SKUs Available



Door Lock Actuator Motors

Electric motor located inside door housing used to control lock and unlock functions

937-812: BMW 3-Series 2006-99 [Front Left]

- Integrated Door Lock Actuators are increasingly common in today's new vehicles; and Dorman has the exclusive coverage needed to stay ahead of replacement demand
- Coverage for today's most in-demand domestic and import vehicles
- Engineered with high quality electric motor

Failure Mode:

- Failure results in lock becoming inoperable

ALSO AVAILABLE

937-813: BMW 3-Series 2006-99 [Front Right]



Horn Contact

Enables electrical contact for horn to function properly when pressed

924-904: Ford F-Super Duty Pickup 2007-02

- Direct replacement ensures proper fit, form and function every time

Failure Mode:

- Failure results in car horn not functioning properly
- Electrical contacts corrode and crack from general wear and tear



Hood Release Cable

Attaches release handle inside vehicle to hood latch, enabling hood to be opened

912-175: GM Equinox, Terrain 2015-10

- Handle included (where applicable)

Ignition Switch Actuator

Start stop button replacement

76830: Chrysler, Dodge Minivan, Challenger, Charger, Durango, Commander, Grand Cherokee 2015-09

- Designed to match the original button's fit, form and function



DORMAN ASSORTMENT TRAYS



Over 50 Tech Trays Available!

Hitch Pin Clip – 030-121

Cotter Pin – 030-136

Hub Bolt – 030-008

License Plate Fastener – 030-400

...and many more

Visit www.DormanProducts.com

Keyword "Assortment Trays" to view our entire collection of Tech Trays



Retaining Clip Assortment

Retaining clip tech tray

030-012: Vehicle Specific

- Tray includes clips of various styles and sizes
- Saves shop time by replacing the failed clip, instead of the entire fuel fitting



Radiator Mount Bushing Tech Tray

Assortment of direct replacement Radiator Bushings for some of today's most in-demand vehicle applications

030-011: Vehicle Specific

- Saves installation time - helps keep the bushings you need organized and readily available
- Cost-efficient and time-saving alternative to purchasing components separately



Power Steering Hose Connector

800-725: Ram Pickup 2006-04; Grand Cherokee 2003-99

- Retaining clips included, and thread-sealant pre-applied for a secure connection (where applicable)



Over 10 SKUs Available

Radiator Mount Bushings

Supports radiator on vehicle frame

926-274: Nissan Altima, Cube, Maxima, Murano, NV200, Pathfinder, Quest, Rogue, Sentra, Versa 2014-00

- Original bushings are often lost or damaged during installation



Over 20 SKUs Available

Spare Tire Hoists

Secures tire in place underneath the vehicle

924-536: Jeep Liberty 2007-02

- Includes all necessary mounting hardware for a complete repair (where applicable)
- Coated for added corrosion resistance



Over 60 SKUs Available

Tailgate Lock Actuator Motors

Electric motor that remotely opens, locks and unlocks the vehicle's tailgate

931-107: GM Acadia, Equinox, Escalade, Outlook, SRX, Suburban, Tahoe, Traverse, Yukon 2012-07

- Undergoes rigorous quality testing including: Salt spray testing • Crash test simulation • Cycle and tensile testing



Over 60 SKUs Available

Trunk Lock Actuator Motors

Dorman Exclusive!

937-866: BMW 1, 3, 5, 6 Series, Z4 2013-99

- In-demand replacement due to the highly failure prone original part
- Integrated with high-quality electric motor and latch



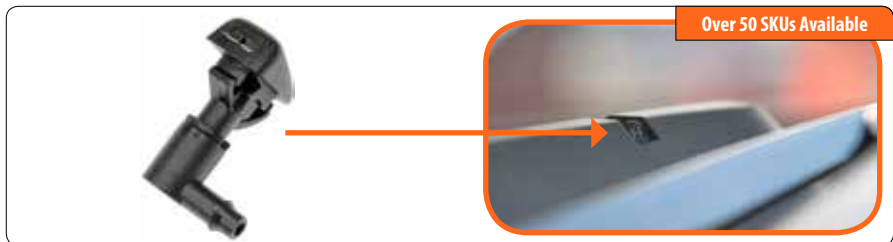
Over 255 SKUs Available

Windshield Wiper Linkages

Provides mechanical connection between the wiper motor and wiper arm

602-211: GM Equinox 2016-10, Terrain 2016-10

- Includes crank arm to assist with installation
- Manufactured with upgraded plastic bushings for a longer service life (where applicable)



Over 50 SKUs Available

Windshield Washer Nozzles

Universal and direct replacement wash nozzles available (where applicable), ensuring a proper fit every time

47223: Chrysler Cirrus, Sebring 2002-01; Stratus, Viper 2002-01; Mitsubishi Eclipse, Galant 2005-99

- Ideal for repairing damage incurred during automated car washes and snow and ice removal
- Replacement of a failed washer nozzle will restore the proper spray pattern, keeping your windshield clear and your vision of the road unobstructed
- Easy to install, direct replacement for a proper fit every time

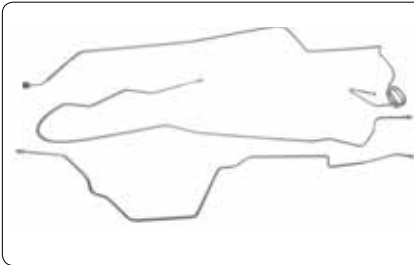
Failure Mode:

- Nozzle clogs or cracks
- Failure results in diminishing spray pattern



Coverage for Ford, Dodge, Jeep and GM

Category Exclusives Designed to Save Shops Time and Money



Over 65 SKUs Available

Brake Hydraulic Lines – Pre-Bent Stainless Steel Brake Line Kits

Direct fit pre-bent stainless steel brake lines carry pressurized fluid from the master cylinder to the brake caliper or cylinder at the wheel

919-164: Ford F-150 2000-97, Ford Lobo 2000-97; 4WD, Ext. Cab Short Bed & Std. Cab Long Bed, 2-Wheel ABS, 8.8 Ring Gear

- Each kit includes multiple lines for a complete truck application repair
- Materials upgraded to stainless steel to resist corrosion
- Includes all lines and fittings for a complete brake line repair
- Dorman's stainless steel brake lines are preformed to specific applications, saving time by eliminating bending, cutting and flaring

Failure Mode:

- Rust, corrosion and deterioration from exposure to environmental debris
- Near 100% failure rate in rust belt region

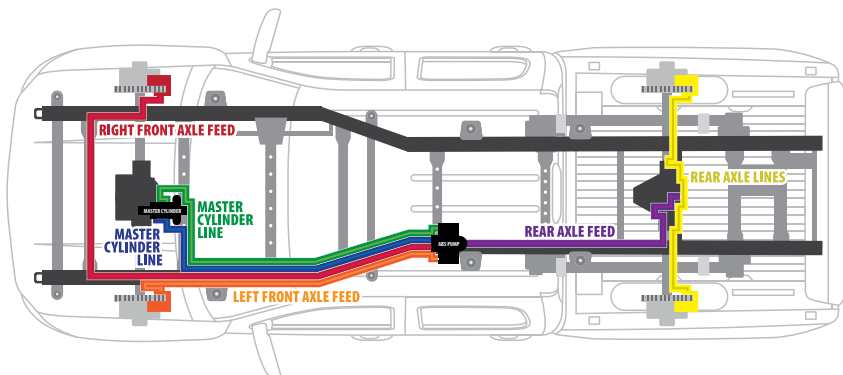
COMPLETE BRAKE LINE SYSTEM COVERAGE



Original lines rust, corrode and deteriorate

GM Full Size Trucks 2006-99

Corrosion and road debris are the most common causes for original brake line failures. Dorman's program provides complete replacement coverage in one convenient, time saving kit



FOR ALL STAINLESS STEEL BRAKE LINE DETAILS PLEASE VISIT US AT:
WWW.DORMANPRODUCTS.COM/STEEL-LINES



Disassembled Original Hub Assembly



Complete Dorman Assembly



OE PROBLEM:

The OE offers only separate components which require a specialized shop press to disassemble/assemble hub bearing and wheel hub



Dorman consolidates all four components into one pre-assembled, ready to install unit, saving time & money while imposing quality

Axle Bearing and Hub Assembly

Connects wheel to CV Axle

4110446: Tacoma 2015-03, Lexus GX460, GX470 2015-03; 4Runner 20015-03, FJ Cruiser 2014-07

Over 35 SKUs Available



Over 5 SKUs Available



Body Mount Sets

Secures frame or subframe to vehicle body and isolates road noise and vibration

924-191: Chrysler Pacifica 2008-07

- All necessary bushings and hardware are included for a complete repair (where applicable)
- Constructed of quality material to resist compression, cracking and separating

Jounce Bumpers

Prevents damage to the vehicle's control arm, frame, shock mount and other suspension components

523-237: GM HHR 2011-06; G5/G6 2010-05; Aura, Ion 2009-04

- Replacement eliminates clunking and knocking noises associated with a failed jounce bumper
- Constructed of polystyrene foam for long-lasting durability

Over 40 SKUs Available



Over 10 SKUs Available



Leaf Spring Hangers

Attaches leaf spring to vehicle frame

722-081: Chrysler, Dodge Minivan 2007-01

- Includes bracket and mounting hardware for a complete repair

Shock Mounts

Repair kit for failed shock mounts on inside fender well

924-358: Ford Escape, Tribute, Mariner 2012-01

- Original unit is susceptible to rust and corrosion

Over 15 SKUs Available



Bushings

Complete Knuckle Assembly

**OE PROBLEM:**

Dealer does not offer bushing separately, forcing replacement of entire assembly.



Dorman's Bushing only replacement saves shop time and money.

Suspension Knuckle Bushings

Bushing used as the mounting point between the knuckle and suspension arms or links

523-213: Ford Explorer, Explorer Sport Trac, Mountaineer 2010-06

Over 45 SKUs Available

**Steering Shafts**

Restores proper rotation to vehicle steering wheel

425-179: GM Avalanche, Escalade, Silverado, Sierra, Suburban, Tahoe, Yukon 2013-99

- U-joints use precision engineered needle bearings for smooth operation
- Easy to install—no special tools needed
- Enhanced Quality

ALSO AVAILABLE**425-109**

Chevrolet 2010-05, Pontiac 2010-05, Saturn 2007-03

**425-201**

Dodge Dakota 1999-97, Dodge Durango 1999-98



Diesel Emissions Fluid Heater

Heats diesel exhaust fluid

904-372: Ford F-Super Duty Pickup 2015-11

- Complete Kit - Includes all necessary components for a complete DEF heater replacement
- Quality tested to ensure trouble-free installation, performance and durability



Diesel Emissions Fluid Temperature Sensor

Monitors the DEF tank fluid levels and temperature

904-371: GM Silverado, Sierra, Express, Savana, Cruze 2016-10

- Redesigned housing provided greater tolerance to temperature extremes of DEF tank

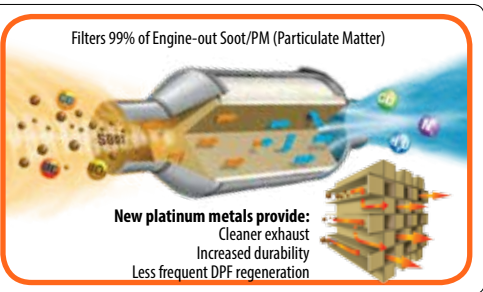


Diesel Particulate Filter

Light & Medium Duty Diesel Particulate Filters, available now

674-1001: Ford F-Super Duty Pickup 2010-08

- 100% new units eliminate the core hassle and reduced lifespan of remanufactured alternatives
- New Aftermarket coverage for light and medium duty applications
- Dorman's direct replacement DPFs include gaskets and mounting hardware needed for a complete repair



Failure Mode:

- Original DPF becomes clogged with soot and ash build up
- Failure results in loss of vehicle power and fuel economy

FREE NEW PRODUCT ALERTS!

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Over 10 SKUs Available

**OE PROBLEM:**

Original units rely on a cooling core design that is prone to clogging, overheating and cracking



Dorman's design features a straight core that results in less clogging and better overall performance

EGR Coolers

Cools exhaust gas and recirculates it back to the vehicle's engine

904-405: Ford F-Super Duty Pickup 2015-11

- Material upgraded to stainless steel to prevent corrosion
- Includes all O-rings, gaskets and hardware required for a complete repair

ALSO AVAILABLE

904-406

GM Express/Savana Van 2010-07

**Engine Crankcase Breather Element**

Filters crankcase gases before re-entering into the intake system

904-418: Ram Pickup 2015-07

- Serviced as a regular maintenance item

**Engine Crankcase Ventilation Cover**

Covers crankcase vent filter

904-352: Ram Pickup 2011-07

- Constructed of quality plastic, steel and rubber for increased durability, strength and a longer service life



Over 5 SKUs Available

Engine Oil Coolers

Cools and regulates engine oil temperatures

904-258: Ford F-Super Duty Pickup 2010-08

- Includes all necessary gaskets and hardware for a complete repair
- Constructed of aluminum for corrosion-resistance and a longer service life

**Engine Oil Filter Housing Return Tube**

Oil filter return tube

904-264: Ford F-Super Duty Pickup; E-Super Duty Van 2010-03

- Replacement restores proper oil filtration, protecting the engine against costly damage
- Complete Kit - Includes necessary gasket and hardware for a complete repair



Over 10 SKUs Available



OE PROBLEM:

Original clamps corrode easily, requiring them to be replaced once exhaust leaks occur



Dorman V-Band Clamp is upgraded to stainless steel material to resist rust and corrosion and to provide a longer service life

Exhaust Clamps

Clamps the exhaust down pipe to the turbocharger

904-254: GM Truck 6.5L, 6.6L Diesel Engine 2015-92

- Easy to install - no special tools necessary during installation



Over 15 SKUs Available



Vacuum Pumps

The vacuum pump provides vacuum to the brake booster

904-816: VW Beetle, Golf, Jetta, Passat 2006-04

- Re-engineered radial ball bearing provides a greater load capacity for improved durability
- Includes mounting grommets (where applicable)
- Application-specific mechanical and electrical vacuum pumps available

Vacuum Pump Repair Kit

Seals the vacuum pump

904-335: Dodge Ram Diesel 2002-94

- Reduce Repair Costs - replace the failed seals and gaskets, instead of replacing the entire vacuum pump assembly

STAY CONNECTED WITH



- Maintenance / Safety Tips
- Product Alerts
- Quizzes / Games
- Special Announcements





Failed Pin



Extended Alignment Pin

OE PROBLEM:

Original actuator fork typically fails due to broken alignment pin and excessive wear on contact pads



Completely redesigned actuator fork, with an extended alignment pin and contact pads, help prevent wear

4WD Actuator Fork

Actuates the axle disconnect carrier

600-114: GM Ascender, Bravada, Rainier, Trailblazer, Envoy, 9-7x 2009-02

- Features an additional center pad for extra support around the bearing area to prevent the coupling gear from wearing into the fork
- Material upgraded from brittle cast aluminum to forged aluminum for greater strength and reliability



Housed Behind Front Grill



Over 75 SKUs Available

Auto Trans Oil Coolers

Cools transmission fluid to ensure transmission operation continues smoothly and with longevity

918-267: Nissan Frontier 2015-05, Pathfinder 2007-05, Xterra 2015-05

- Coated for high corrosion-resistance and increased protection against the elements
 - Durable aluminum construction for long-lasting performance
- Failure Mode:**
- Transmission overheating and external leaks
 - Road debris, cracks in brazing, connector failure, collision and rust

ALSO AVAILABLE

918-287

Ford Expedition 2006-05, Navigator 2006-05, CX-7 2012-07



5 SKUs Available



Differential Lock Actuators

Engages the front axle shafts

600-399: Dodge Ram 1500 Pickup 2015-08

Failure Mode:

- Original unit fails to engage front differential, preventing 4WD function from working properly
- 4WD will not operate properly



Over 25 SKUs Available



ABS Control Modules

Regulates brake pressure, to prevent sliding or skidding as a result of hard braking

599-768: Ford Crown Victoria, Grand Marquis 2008-05

- Completely remanufactured and vehicle simulator tested
- Updated with more durable main pump transistors to prevent pump relay burnout (where applicable)
- Plug-and-play - no programming required

Over 40 SKUs Available



Air Bag Impact Sensors

Alerts vehicle's onboard computer system in the event of sudden or extreme deceleration

590-227: GM Enclave, Verano, SRX, Caprice, Captiva Sport, Cruze, Equinox, Traverse, Volt, Acadia, Terrain, Outlook 2015-10

- Plug-and-play design for easy installation without the need for programming



Battery Cooling Fan

Keeps hybrid battery cool during higher than normal operating temperatures

601-029: Toyota Prius 2009-04

- Plug-and-play design for easy installation, requiring no additional programming during installation

Over 15 SKUs Available



Body Control Modules

Monitors and controls various electronic accessories in a vehicle

502-016: Chevrolet Malibu 2012-11

- Remanufactured from high-quality materials for durability and quality assurance
- Easy to install - easily fits and plugs into wiring harness

Over 25 SKUs Available



Integrated Control Modules

Combines the functions of the fuse block and front control module

599-980: Grand Cherokee 2011

- Completely remanufactured and tested to ensure performance and a longer service life
- Updated with the most recent programming available



Liftgate Control Module

Regulates and monitors electronic devices throughout a vehicle

502-030: GM Escalade, SRX, Suburban, Tahoe, Traverse, Acadia, Yukon, Outlook, Enclave 2015-09

- Fully remanufactured and tested for quality assurance



5 SKUs Available



Battery Fuses

Protects electrical circuits from overload

924-078: Nissan Altima 2012-07, Maxima 2014-09, Murano 2014-08

- Restores proper operation to various electronic accessories throughout the vehicle
- Easy to install - no special tools required during installation

Failure Mode:

- Original fuse blows from circuit overload
- Vehicle fails to start or crank, various internal and external accessories do not power up

ALSO AVAILABLE



924-079

Nissan Altima 2012-07, Maxima 2014-09, Murano 2014-08



926-012

Mitsubishi Eclipse, Endeavor, Galant, Lancer, Outlander 2011-00;
Chrysler Sebring 2005-02; Stratus 2005-02



*Patent pending
Programming tool.

UPGRADED GEAR MATERIAL



OE PROBLEM:

Weak internal gears frequently cause original unit to fail, resulting in a 'no start' situation.



Dorman's design utilized stronger gear material to eliminate original failure mode

Steering Column Lock Actuator

Receives signal from ECU and smart remote to unlock vehicle steering wheel

601-037: Nissan Altima 2012-09

- Ready to install and sync vehicle to smart keys using included programming tool
- Direct replacement for a proper fit every time
- Extremely high original failure rate makes this part in-demand for over a million Nissan vehicles on the road today

Over 60 SKUs Available



Engine Air Intake Hoses

Prevents unfiltered air and debris from entering the engine

696-014: Toyota 4Runner, Toyota Pickup 1995-88

- Constructed of quality materials to resist drying and cracking
- Direct OEM replacement for proper fit



Engine Camshaft Plug

Seals camshaft housing on the back of the cylinder head

917-127: Mercedes C-Class, E-Class, G-Class, ML-Class, S-Class 2015-05

- Constructed of high quality materials to ensure a leak-proof fit



Engine Intake Manifold Flap Motor

Operates Intake Manifold Flappers

911-406: Chrysler 300, Cirrus, Sebring 2010-07

- Includes necessary gaskets to assist with installation



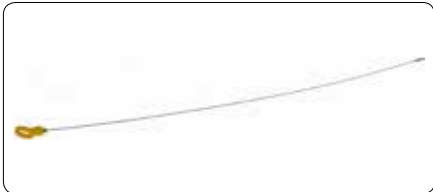
Over 50 SKUs Available

Upper Intake Manifolds

Evenly distributes the proper air/fuel mixture to each engine cylinder

615-375: Ford E-150 2008-07, Ford E-250 2008-07

- Re-engineered by Dorman with heat-resistant molding to reduce both warping and coolant leaks (where applicable)

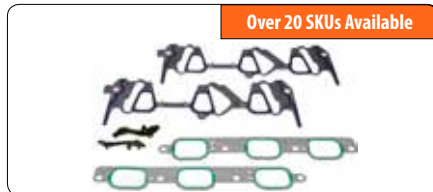


Engine Oil Dipstick

Measures vehicle engine oil levels

917-434: GM Express, Savana Van, P30, P3500 2002-96

- Clear marks on the rod allow easy-to-read oil levels



Over 20 SKUs Available

Engine Intake Manifold Gasket Sets

Seals intake manifold to cylinder head

615-725: GM Lucerne, Terraza, Impala, Malibu, Monte Carlo, Uplander, G6, Montana, Aura, Relay, Vue 2011-06

- Complete Kit - Includes all necessary upper and lower manifold gaskets for a complete repair



Over 5 SKUs Available

Turbocharger Up Pipe Kits

Routes exhaust gases from the exhaust manifold to the turbocharger

679-015: Ford F-Super Duty Pickup 2014-11

- Stainless steel tubular construction protects against warping and cracking



Over 400 SKUs Available

Exhaust Manifolds

Channels exhaust gas away from engine and through exhaust system

674-940: Chevrolet Captiva Sport 2012-11, Equinox 2012-10, GMC Terrain 2012-10

- Complete kit includes gaskets and hardware

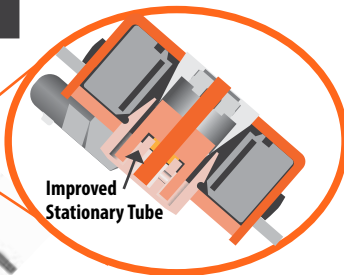
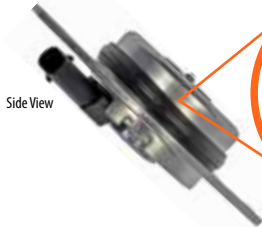


VVT SOLUTIONS PROGRAM

MARKET LEADING COVERAGE

Dorman's first-to-market VVT program provides the Aftermarket's most comprehensive coverage. Offering over 220 VVT Solenoid and Camshaft Phaser SKUs, Dorman's program covers over 196 million installation opportunities.

MAGNETIC ACTUATOR



***918-005:** Buick Encore 2013, Chevrolet Cruze 2013-11, Sonic 2013-12, Volt 2013-11

*PATENT PENDING

OE PROBLEM:

Excessive internal part movement results in premature wear and poor performance in original unit.



Dorman's design contains a stronger copper center tube which limits internal part movement; eliminating premature wear and improving part durability



36 Dorman Exclusive SKUs



Engine Variable Timing Solenoids

Actuates variable valve timing by controlling oil flow and pressure

918-076: Honda CR-V 2014-12, Crosstour 2014-13

- 100% Tested - All Engine Variable Timing Solenoids have undergone vehicle simulator testing and laboratory testing for quality assurance
- Complete Kit - Includes all gaskets needed for a complete repair (where applicable)
- Plug and Play - Easily plugs into the electrical harness
- Extensive coverage for both domestic and import applications

Failure Mode:

- Oil sludge build-up on screens causes electrical failure
- Failure results in rough idle, loss of power or illumination of the check engine light



ALSO AVAILABLE



917-281:

Acura CL 1999-98; Honda Accord 2002-98, Odyssey 1998



917-290:

Chrysler, Dodge, Jeep Cirrus, Sebring, Compass, Patriot, Avenger, Journey, 200 2014-07



917-293:

Toyota 4Runner, Land Cruiser, Sequoia, Tundra 2009-98; Lexus GS430, GX470, LX470, SC430 2009-98

WWW.DORMANPRODUCTS.COM/VVTSOLUTIONS



Over 11 SKUs Available

Fuel Filler Door Lock Actuators

Operates power fuel door lock

746-403: VW Jetta 2013-11

- Restores the ability to automatically release the fuel door by pressing a button within the car on the key fob (where applicable)
- Durable plastic housing protects the actuator from damage
- Wiring harness included



Fuel Pump Driver Module

Controls required voltage to the fuel pump to achieve correct fuel pressure

601-011: VW Beetle, CC, Eos, Golf, GTI, Jetta, Passat 2015-09

- Re-engineered bushings on the mounting screw provide a longer service life
- Replacement maintains proper fuel pressure over the full operating range of the engine



Fuel Tank Pressure Sensors

Part of the EVAP system that monitors fuel tank pressure levels

911-259: Ford Focus 2007-05

- Replacement required in most states to pass vehicle inspection

Failure Mode:

- Original unit requires replacement primarily due to electronic failure
- Triggers Check Engine light



ALSO AVAILABLE



911-260: Ford 2014-00, Lincoln 2009-07, Mercury 2010-02



Secondary Air Injection Check Valve

Prevents the backflow of exhaust to reach the air pump

911-169: Subaru Forester 2008-05, Impreza 2014-06

Failure Mode:

- Water intrusion causes corrosion
- Illumination of the check engine light



Secondary Air Injection Pump

Heats catalytic converter to optimal temperature during cold starts

306-018: Mercedes-Benz C-Class, E-Class, G-Class, M-Class, S-Class 2015-05

- Quality tested to meet the fit, function and endurance of the original pump



Over 5 SKUs Available



Vapor Canister Vent Valves

Seals the EVAP system during leak detection tests

911-593: Chrysler 300M, Cirrus, Concorde, Minivan, Intrepid, LHS, Sebring, Avenger, Ram 1500, Stratus, Talon, Breeze 2006-98; Grand Cherokee 2004-01



- Built with thicker, upgraded housing material to better protect the solenoid
- Application-specific for a proper fit every time

Failure Mode:

- Diaphragm failure causes vacuum leaks
- Failure results in illumination of the check engine light

ALSO AVAILABLE



Vapor Canister Vent Valves

The turbocharger provides pressurized air to the engine to increase performance

911-861: Volvo C70, S60, S70, S80, V70 2007-98

5 SKUs Available



Turbocharger Boost Solenoids

Regulates air pressure to the turbo waste gate actuator

667-107: Volvo C70, S40, S60, S70, S80, V40, V70, XC70, XC 90 2009-00

- Easy to install - no special tools required during installation
- Direct replacement for a proper fit every time



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INSTANT ACCESS TO A LIBRARY OF VIDEOS, INCLUDING:

- Installation
- Product Spotlights
- Training
- and Much More!



SCAN NOW

[YouTube.com/DormanProducts](https://www.youtube.com/DormanProducts)



Engine Auxiliary Water Pump

Provides coolant flow to the heater core to ensure proper heat supplied to the vehicle cab

902-063: Chrysler Aspen 2007; Dodge Durango 2007-04

Failure Mode:

- Original pump burns out over time and no longer supplies sufficient air flow



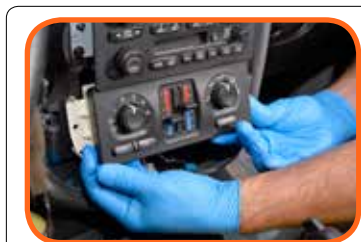
Over 240 SKUs Available

Engine Coolant Reservoirs

Provides coolant to the engine

603-091: Ford Ranger 2011-01

- Redesigned with a more durable plastic construction to withstand the effects of stress generated by the engine compartment
- Includes cap, drain tube and sensor (where applicable)



OE PROBLEM:

The Dealer's only repair option for a failed original HVAC Control Module is to replace the entire assembly



Dorman's Kit provides everything needed to repair the original unit, including full replacement of bulbs, ribbon cable and new PCBA board

HVAC Control Module Repair Kit

599-040: Toyota Highlander 2007-01

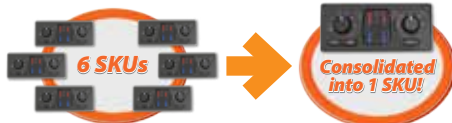
- Save time and money by replacing the failed HVAC control module component, instead of the entire assembly
- Includes all necessary components for a complete HVAC control module repair



Over 65 SKUs Available

Save Inventory Space!

Exclusive design consolidates 6 OE SKUs into **ONE** Dorman module!



HVAC Control Modules

Controls a variety of cabin temperature options

599-210: GM Avalanche, Silverado, Sierra, Suburban, Tahoe, Yukon, Trailblazer, Envoy, Bravada 2009-02

- 100% new, not remanufactured
- Save Inventory Space! Exclusive design consolidates 6 OE SKUs into one Dorman module!

Failure Mode:

- Bulbs burn out or fan and temperature control failure
- Failure results in dark display, inability to change modes, temperature and fan speeds



Over 20 SKUs Available



HVAC Heater Hose Connectors

Provides a connection point for the coolant line

800-431: GM Aurora 2003-95; Cadillac DeVille, Seville 2005-98; Bonneville 2005-04

- Designed to resist common original failures caused by extreme engine temperatures, such as cracking and leaking
- Reduce Repair Costs - replace the failed original connector, instead of the entire heater hose assembly

Failure Mode:

- Original O-Ring leaks due to age or damaged during servicing
- Leaking/loss of pressure



Heater Water Pump

Ensures the proper flow of coolant throughout the vehicle's engine

902-062: Ford Escape 2006-05, Mercury Mariner 2006-05

- Replacement required to restore proper functioning of the vehicle's heater



Over 15 SKUs Available

Power Steering Coolers

Cools the temperature of the vehicle's power steering system

918-301: GM Avalanche, Escalade, Silverado, Sierra, Suburban, Tahoe, Yukon 2013-99

- Coated for extra protection against corrosion and extended durability
- Hoses included to assist with installation

LIVE CUSTOMER SERVICE & TECH SUPPORT AVAILABLE!



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A full line of merchandised parts offering direct-replacements for a wide variety of in-demand fixes.

HUNDREDS OF HARD TO FIND SKUs AVAILABLE • WWW.FINDDORMANHELP.COM



13 SKUs Available

Tailgate Latches

Secures tailgate to the body of the vehicle

38673: Ford 2015-97, Lincoln 2008-06



3 SKUs Available

Auto Transmission Shifter Repair Kits

Releases shifter from park position

76848: Honda Accord 2005-03



3 SKUs Available

Bumper Trims

Restores the overall look and appearance of the bumper

54418: Chevrolet 2014-07, GMC 2014-07



Headlight Bucket Kit

Restores proper headlamp alignment and retention

42437: GM 2009-77



3 SKUs Available

Audio / Video Jacks

Allows for the input of an auxiliary component

57014: Toyota 2013-07



24 SKUs Available

HVAC Heater Control Knobs

76829: Chrysler 1997-94, Dodge 1997-94, Eagle 1997-94



Over 10 SKUs Available



OE PROBLEM:

Original unit frequently requires replacement due to electronic sensor failure and excessive wear and tear



Dorman's Electronic Throttle Body Assembly is completely redesigned with a new electronic board that includes a hall effect sensor for a longer and reliable service life

Fuel Injection Throttle Bodies

Maintains the correct volume of air flow into the vehicle engine

977-025: Chrysler 200, Sebring; Dodge Avenger, Caliber, Journey 2015-07; Jeep Compass, Patriot 2015-07

- Aluminum Casting construction ensures exact fit, performance match and corrosion-resistance
- Direct replacement for bolt-on and plug-in installation



977-320: Nissan Frontier, Xterra, 2015-14



977-323: Infiniti QX56 2010-04, Nissan Armada, Titan 2015



977-324: Infiniti QX56 2013-11, QX80 2015-14

TURBOCHARGERS



Turbocharger

917-155: Dodge Neon 2005-03

- The turbocharger provides pressurized air to the engine to increase performance
- Includes all necessary gaskets for a complete turbocharger repair
- Balance tested individually with results included in product packaging

Failure Mode

- Oil seals can go bad and leak into the compressor housing and bearings can fail over time
- Failure results in white or black smoke coming out of the exhaust, reduced engine performance and internal leaks

ALSO AVAILABLE: TURBOCHARGERS



667-202: Mini Cooper 2010-07, Paceman 2016-13



667-218: Subaru Forester 2013-08, Impreza 2011-08



667-223: Volkswagen Eos 2009-08, GTI 2008-06, Passat 2008-06

**MARKET LEADING COVERAGE
FOR OVER 35 MILLION VEHICLES**



Over 245 SKUs Available



AVAILABLE FOR STOCKING OR NEXT DAY DELIVERY

Drive Shafts

Couples the transmission to the differential

936-109: Mazda MX-5 Miata 2012-06

- Dorman Drive Shafts are 100% new, not remanufactured
- Engineered with serviceable U-joints (where applicable)
- Direct fit replacement - no special tools or welding required

Failure Mode:

- U-Joint failure or center support degrades
- Failure results in clunking or vibration

**NEXT DAY
DROP
SHIPMENT**



ALSO AVAILABLE



936-110

Mazda MX-5 Miata 2012-06

936-336

Infiniti M30 1992-90

936-338

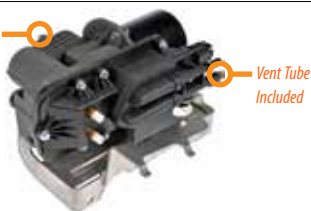
Infiniti QX4 2003-97;
Nissan Pathfinder 2004-00

936-385

BMW X3 2006-04

SUSPENSION AIR COMPRESSORS

Direct-Fit
Connector
Included



Over 30 SKUs Available



Suspension Air Compressors

Inflates and regulates active air suspension shock absorbers

949-002: GM Trailblazer, Envoy, Bravada, Rainier, 9-7x 2009-02

- 100% new, not remanufactured
- Includes additional components that are often not available separately, such as mounting bracket, dryer, heat shield, and air tubing (where applicable)
- Direct-fit plug for an easier and more secure connection

Failure Mode:

- Environmental contamination, water intrusion and motor burnout
- Failure results in sagging suspension and dash trouble codes displayed

ALSO AVAILABLE

**EACH INCLUDING VALUE
ADDED COMPONENTS**



949-909

Mercedes CL-Class, E-Class,
S-Class 2011-00;
Maybach 57, 62 2012-03



949-005

GM Trailblazer, Envoy,
Bravada, Rainier 2006-02
* Patent pending

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