

WATER OUTLET GASKETS

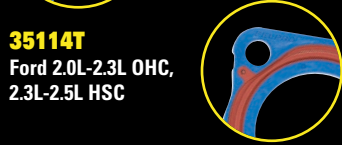
PermaDryPlus® Water Outlet Gaskets feature the same rigid carrier construction and silicone sealing beads as valve cover and oil pan gaskets. The carrier prevents over-torquing, while the molded rubber assures a secure seal.

They're the perfect solution for warped or corroded thermostat housing flanges.

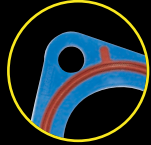
Part numbers and applications include:



35041T
Ford 351C-351M-370-400-429-460



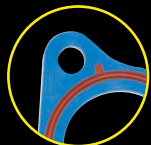
35114T
Ford 2.0L-2.3L OHC, 2.3L-2.5L HSC



35286T
Chrysler 1.7L-2.2L-2.5L-3.3L-3.5L-3.8L



35390T
Ford 3.0L-3.8L



35562T
Chevrolet Small-Block V8, Big-Block V8

**Fix it right the first time.
Install FEL-PRO® PermaDryPlus® gaskets.**

FEL-PRO® gaskets didn't become the industry's #1 brand by asking for technicians' trust. We did it by providing technology that delivers an uncompromising seal, no matter how difficult the challenge. Technology proven in the heat of NHRA® and NASCAR® competition, and in the sweat of repair bays. Technology you can count on.

PermaDryPlus: Track-tested science. Everyday endurance.

The same problem-solving science that keeps NASCAR® engines sealed through the heat and stress of Winston Cup racing is now engineered into our PermaDryPlus everyday-use products as well.

- One-piece, molded silicone rubber construction provides superior blow-out resistance
- Lasts up to five times longer than competitive cork-rubber products
- Precision sealing beads reinforce critical areas
- Superior heat resistance for longer life
- Time-saving rigid carrier system provides an instant fit and perfect alignment
- Torque limiters prevent over-tightening

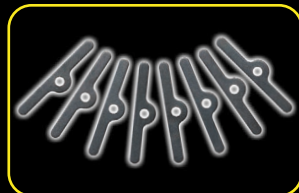
Look for these helpful parts and features in select PermaDryPlus gasket sets:



FEL-PRO Oil Pan **SnapUps**® are designed to hold up the pan and gasket, and allow for easier bolt installation.



FEL-PRO gaskets offer a unique way to speed installation and provide a more effective seal: **Hole-Locks**®. Bolt holes in the gasket are made just slightly smaller than the bolts themselves. This holds the gasket and bolts in place as the valve cover or oil pan is installed on the engine.



FEL-PRO **Load Spreaders**® distribute the clamping force more evenly on the valve cover flange. This results in a better seal between the valve cover and the head. Load Spreaders install quickly and easily.

PERMADRYPLUS PART NUMBER GUIDE

PART #	YEAR	APPLICATION	ENGINE
VALVE COVER GASKET SETS			
VS 12869T	1959-86	Chevrolet SB V8	262, 267, 283, 302, 305, 307, 327, 350, 400
VS 13264T	1962-99	Ford SB V8	221, 255, 260, 289, 302, 351W
VS 13403T	1964-90	Oldsmobile V8	260, 260 Diesel, 307, 330, 350, 350 Diesel, 400, 403, 425, 455
VS 50156T	1977-87	Buick V6	181 (VIN E), 196, 231 (VIN A), 231 Turbo, 252
VS 50179T	1979-93	Pontiac 4 cyl.	151 (2.5L)
VS 50205T	1981-95	Chrysler 4 cyl.	2.2L, 2.5L (Exc. aluminum cover)
VS 50212T	1982-87	Ford V6	232 (3.8L)
VS 50243T	1982-94	Pontiac 4 cyl.	112, 112 Turbo, 122, 122 Turbo (OHC engines)
VS 50312T	1986-92	Ford Truck V6	177 (2.9L)
VS 50368T	1990-99	Ford Truck V6	244 (4.0L OHV)
OIL PAN GASKET SETS			
OS 30061T	1965-90	Chevrolet BB V8	366, 396, 402, 427, 454
OS 30522T	1985-94	Buick V6	181 (VIN L), 204 (VIN N), 231 (VIN B, C, L, 3)
OS 30525T	1985-95	Cadillac V8	252, 273, 300 (FWD engines)
OS 30570T	1987-98	Mitsubishi V6	3.0L (SOHC & DOHC)
OS 30612T	1988-95	Chrysler 4 cyl.	2.2L, 2.2L Turbo, 2.5L, 2.5L Turbo
OS 34509T	1957-74	Chevrolet SB V8	265, 283, 302, 307, 327, 350, 400
OS 34510T	1975-85	Chevrolet SB V8	262, 267, 305, 350, 400
WATER OUTLET GASKETS			
35041T	1968-98	Ford V8	351C, 351M, 370, 400, 429, 460
35114T	1974-97	Ford 4 cyl.	122, 140, 140 Turbo (OHC engines), 140 HSC, 153 HSC (OHV engines)
35286T	1978-95	Chrysler 4 cyl.	1.7L, 2.2L, 2.2L Turbo, 2.5L, 2.5L Turbo
35286T	1990-98	Chrysler V6	3.3L, 3.5L, 3.8L
35390T	1982-99	Ford V6	3.0L, 3.8L
35562T	1978-95	Chevrolet V6	200, 229, 262
35562T	1955-95	Chevrolet V8	262, 265, 267, 283, 302, 305, 307, 327, 350, 396, 400, 402, 427, 454

Federal-Mogul Corp.
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Southfield, MI 48034

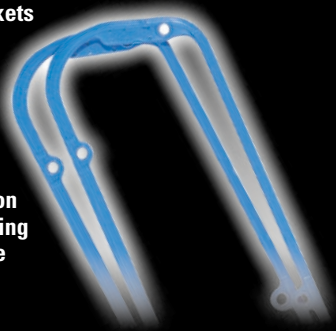
Sealing problem?



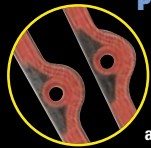
We've already formed the solution.

VALVE COVER GASKETS

PermaDryPlus™ Valve Cover Gaskets utilize precision edge-molded silicone rubber sealing beads on a rigid carrier to resist high heat and high vacuum, and to compensate for surface irregularities. Built-in torque limiters prevent over-compression and gasket splitting, while locating tabs and bolt Hole-Locks™ reduce installation time and assure proper alignment.



VS 12869T Chevrolet Small-Block V8 1959-86



Problem:
High heat near center exhaust ports can deteriorate cork-rubber gaskets.

PermaDryPlus solution:
Composite carrier and silicone beading stand up to excessive heat. Includes Load Spreaders™ to assure sealability.

VS 13264T Ford Small-Block V8 1962-99



Problem:
Excessive heat near exhaust manifolds can cause cork-rubber gaskets to become brittle along the entire exhaust rail.

PermaDryPlus solution:
High-temp molded silicone rubber eliminates leaks due to high heat. Rigid carrier acts as compression limiter on later engines.

VS 13403T Oldsmobile V8 1964-90



Problem:
Conventional cork-rubber gaskets can begin to leak within 5,000 miles.

PermaDryPlus solution:
Composite carrier and silicone beading make the gasket last longer. Includes new valve cover bolts and Load Spreaders to assure sealability.

VS 50156T Buick 3.0L, 3.8L, 4.1L V6 1977-87



Problem:
Installation can be difficult and time-consuming. Surface irregularities are tough to seal.

PermaDryPlus solution:
Locating tabs and Hole-Locks reduce installation time and assure proper alignment.

VS 50179T Pontiac 2.5L 1979-93



Problem:
Early versions were sealed with RTV, and the valve cover is not designed to work with conventional gaskets.

PermaDryPlus solution:
Unique sealing bead design (different beads on each side of the rigid carrier) will seal both early and later versions of the engine.

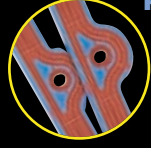
VS 50205T Chrysler 2.2L & 2.5L 1981-95



Problem:
Multi-piece design is hard to install and easily develops leaks at the corners. Another concern is high heat and vacuum in turbo applications.

PermaDryPlus solution:
One-piece design is easy to install and eliminates corner leak paths. Edge-molded silicone rubber on a rigid carrier resists excessive heat and vacuum.

VS 50212T Ford 3.8L V6 1982-87



Problem:
Installation can be difficult and time-consuming. Surface irregularities are tough to seal.

PermaDryPlus solution:
Locating tabs and Hole-Locks reduce installation time and assure proper alignment.

VS 50243T Pontiac 1.8L & 2.0L OHC engines 1982-94



Problem:
Surface irregularities make sealing difficult. High heat and vacuum in turbo applications are also a concern.

PermaDryPlus solution:
Silicone head on composite carrier compensates for surface irregularities and resists heat and vacuum.

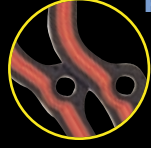
VS 50312T Ford Truck 2.9L V6 1986-92



Problem:
It is difficult to seal the "step" along the sealing rail where the intake manifold and cylinder head join.

PermaDryPlus solution:
Special carrier design seals "stepped" joint area.

VS 50368T Ford Truck 4.0L V6 OHV engine 1990-99

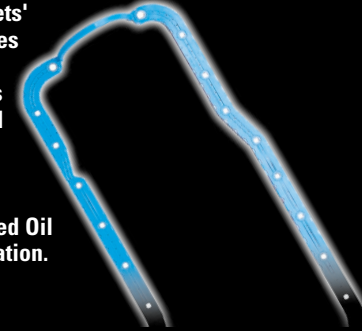


Problem:
It is difficult to seal the "step" along the sealing rail where the intake manifold and cylinder head join.

PermaDryPlus solution:
Special hinged-carrier design seals the "stepped" joint area.

OIL PAN GASKETS

PermaDryPlus Oil Pan Gaskets' one-piece construction makes installation easier than OEM style multi-piece assemblies or RTV sealing. Edge-molded silicone rubber on a rigid carrier provides superior fit, and high heat and vacuum resistance, while the included Oil Pan SnapUps™ speed installation.



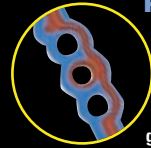
OS 30061T Chevrolet Big-Block V8 1965-90



Problem:
Multi-piece design is hard to install. RTV sealant used at corners can create leak paths.

PermaDryPlus solution:
One-piece design is easy to install and eliminates corner leak paths. High-temp silicone rubber sealing beads lengthen gasket life.

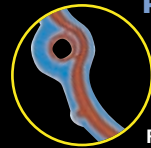
OS 30522T Buick 3.0L, 3.3L, 3.8L V6 FWD engines 1985-94



Problem:
OEM style "floppy" molded rubber gasket is hard to install. Load-limiting dimples on pan flatten with each repair, allowing over-compression and splitting of gasket.

PermaDryPlus solution:
Unique carrier design indicates correct way to install gasket. Carrier straddles dimples and becomes the compression limiter. Hole-Locks grip pan bolts and hold gasket in place during assembly.

OS 30525T Cadillac 4.1L, 4.5L, 4.9L V8 FWD engines 1985-95



Problem:
OEM design gasket contains bolt-hole ferrules that can result in leaks as the cork-rubber gasket relaxes. OEM design gasket includes contact adhesive that can be difficult to install.

PermaDryPlus solution:
Ridged one-piece design with load limiters and rigid carrier with high heat silicone rubber provide an easier-to-install, durable seal. No RTV sealant or contact adhesive is required.

OS 30570T Mitsubishi & Chrysler 3.0L V6 1987-98



Problem:
OEM seals the oil pan with RTV (no gasket used). RTV sealing bead is difficult to apply on an engine in service.

PermaDryPlus solution:
One-piece oil pan gasket features rigid carrier design for easier installation. Silicone rubber sealing beads assure a durable, long-lasting seal. No RTV sealant is required.

OS 30612T Chrysler 2.2L & 2.5L 1988-95



Problem:
Multi-piece design is hard to install. RTV sealant used at corners can create leak paths.

PermaDryPlus solution:
One-piece design is easy to install and eliminates corner leak paths. High-temp silicone rubber sealing beads assure longer life.

OS 34509T Chevrolet Small-Block V8 1957-74



Problem:
Multi-piece design is hard to install. RTV sealant at corners can create leak paths.

PermaDryPlus solution:
One-piece design is easy to install and eliminates corner leak paths. High-temp silicone rubber sealing beads assure longer life. New pan bolts, lock washers and SnapUps are included to ease installation.



OS 34510T Chevrolet Small-Block V8 1975-85

PROBLEM-SOLVING SEALING TECHNOLOGY!