

# Premium Sealing Technologies QR

QUICK REFERENCE

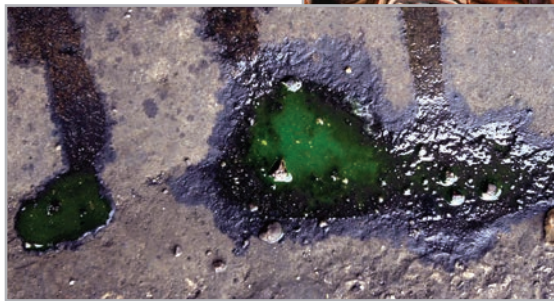
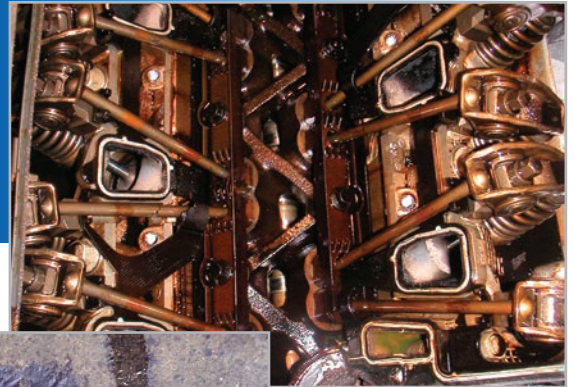
## Leak Repair Sealing Products

**FEL-PRO**  
**PERMADRYPLUS**®

### ADVANCED SEALING TECHNOLOGIES DESIGNED FOR THE REPAIR ENVIRONMENT

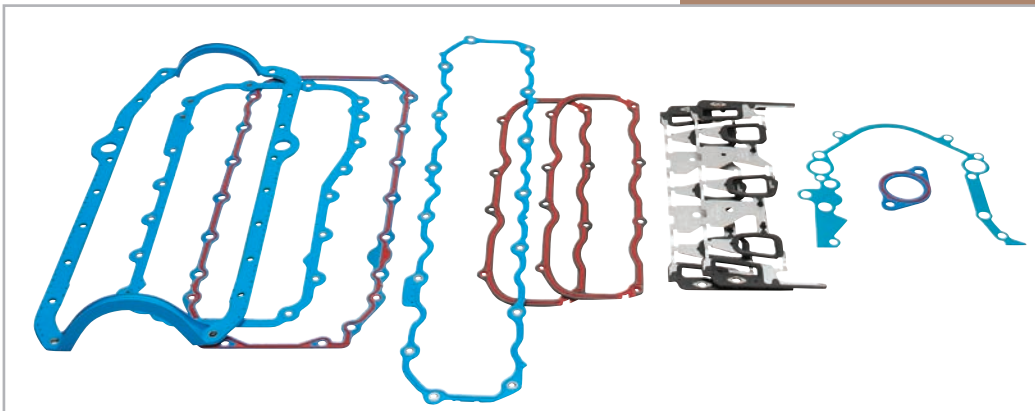
Some applications present especially tough sealing challenges. While most standard gaskets from any brand will initially seal, some won't stand up to chemicals, vibration and the harsh operating environment of the engine.

Fel-Pro® PermaDryPlus® gaskets are specifically engineered to take on troublesome sealing situations. These premium gaskets feature specialized technologies that solve sealing problems commonly encountered in the repair environment. Unaffected by harsh environments, and impervious to all types of coolants and oils, Fel-Pro PermaDryPlus provides a permanent seal and is absolutely the right replacement choice. Fel-Pro PermaDryPlus is the premium leak sealing technology that results in a premium repair.



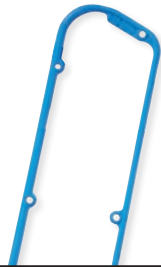
#### Key benefits of Fel-Pro® PermaDryPlus® gaskets:

- One-piece, molded silicone rubber construction provides superior blowout resistance.
- Time-saving rigid carrier system provides instant fit without adhesives, hence the name "PermaDryPlus".
- Lasts up to five times longer than cork-rubber.
- Precision sealing beads reinforce critical areas.
- Superior heat resistance assures longer life.
- Torque limiters prevent overtightening.
- Added features such as Hole-Locks®, Snap-Ups® and locating tabs help make installation easier.



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**PermaDryPlus® Valve Cover Gaskets**

- Rigid carrier construction
- Silicone rubber sealing beads
- Torque limiters
- Locating tabs
- Bolt Hole-Locks®



**PermaDryPlus® Oil Pan Gaskets**

- One-piece construction
- Rigid carrier
- Edge-molded silicone rubber
- SnapUps® installation aid



**PermaDryPlus® Water Outlet Gaskets**

- Rigid carrier construction
- Silicone sealing beads



**PermaDryPlus® Intake Manifold Gaskets**

- Aluminized steel carrier
- Fluoroelastomeric coating
- Edge-molded seals
- Encapsulated sealing beads
- Self-centering torque limiters

| VALVE COVER GASKETS  | APPLICATION                                | KEY BENEFITS   |
|----------------------|--|--|
| VS 12869 T           | Chevy Small-Block V8 (1959-86)             | Engineered to stand up to excessive heat encountered near center exhaust ports.  |
| VS 13264 T           | Ford Small-Block V8 (1962-01)              | Solves leakage problems caused by heat near exhaust manifolds; gasket's rigid carrier acts as compression limiter on later applications.   |
| VS 50156 T           | Buick 3.0L, 3.8L, 4.1L V6 (1977-87)        | Significantly reduces installation time and related hassles.   |
| VS 50179 T           | Pontiac 2.5L (1979-93)                     | Eliminates use of RTV in repair situations; unique sealing bead design appropriate for early and later applications.   |
| VS 50205 T           | Chrysler 2.2L & 2.5L (1981-95)             | Eliminates multi-piece design for faster, easier installation; superior sealing performance in all applications (including turbo).   |
| VS 50243 T           | Pontiac 1.8L & 2.0L OHC (1982-94)          | Advanced design solves sealing issues caused by surface irregularities and high heat / high vacuum.  |
| VS 50272 T           | Chevy 2.8L, 3.1L, 3.4L V6 (1985-95)        | Lasts 2 to 3 times longer than conventional cork-rubber gaskets on these engines.  |
| VS 50312 T           | Ford Truck 2.9L V6 (1986-92)               | Solves sealing problems encountered at "step" joint between intake manifold and cylinder head.   |
| VS 50368 T           | Ford Truck 4.0L V6 OHV (1990-01)           | Unique carrier design seals "stepped" joint between intake manifold and cylinder head.   |
| VS 50476 R           | Ford 2.0L SOHC (1997-04)                   | Eliminates need to install new valve cover by replacing OEM's molded-in-place silicone bead.   |
| VS 50522 T           | Jeep 4.0L & 4.2L L6 (1986-95)              | Eliminates need to install new valve cover by replacing OEM's RTV silicone bead.   |
| OIL PAN GASKETS      | APPLICATION                                | KEY BENEFITS   |
| OS 13260 T           | Ford Small-Block V8 289 & 302 (1962-87)    | Solves multi-piece installation hassles; ensures superior sealing in problematic corner areas.   |
| OS 30061 T           | Chevy Big-Block V8 (1965-90)               | Easier to install than multi-piece designs; eliminates corner leak paths; silicone rubber beads extend gasket life on these engines.   |
| OS 30214 T           | Ford Small-Block V8 351W (1969-6/29/87)    | Solves multi-piece installation hassles; seals problematic corner areas.   |
| OS 30522 T           | Buick 3.0L, 3.3L, 3.8L V6 FWD (1985-94)    | Significantly easier to install than OE design; solves gasket overcompression issues caused by flattening of oil pan's load-limiting dimples; gasket carrier serves as compression limiter.                                    |
| OS 30525 T           | Cadillac 4.1L, 4.5L, 4.9L V8 FWD (1985-95) | Easier to install and delivers more durable seal than OEM design; eliminates need for RTV sealant and contact adhesive.  |
| OS 30570 T           | Mitsubishi & Chrysler 3.0L V6 (1987-00)    | Eliminates need for messy, unreliable RTV sealant; faster installation; longer lasting seal.   |
| OS 30612 T           | Chrysler 2.2L & 2.5L (1988-95)             | Easier to install than OE design; eliminates corner leak paths; silicone rubber beads extend gasket life.  |
| OS 34509 T           | Chevy Small-Block V8 (1957-74)             | Easier, faster installation than OE design; eliminates corner leak paths; high-temp silicone rubber beads ensure extended gasket life.   |
| OS 34510 T           | Chevy Small-Block V8 (1975-85)             | Easier, faster installation than OE design; eliminates corner leak paths; high-temp silicone rubber beads ensure extended gasket life.   |
| WATER OUTLET GASKETS | APPLICATION                                | KEY BENEFITS   |
| 35041 T              | Ford 351C, 351M, 370, 400, 429, 460        | PermaDryPlus water outlet gaskets utilize rigid carrier construction and silicone sealing beads to ensure a secure, long-lasting seal on all applications, including those with warped or corroded thermostat housing flanges. |
| 35114 T              | Ford 2.0L & 2.3L OHC, 2.3L & 2.5L HCS      |  |
| 35286 T              | Chrysler 1.7L, 2.2L, 2.5L, 3.3L 3.5L, 3.8L |  |
| 35390 T              | Ford 3.0L, 3.8L, 3.9L, 4.2L                |  |
| 35562 T              | Chevy Small-Block V8, Big-Block V8         |  |

| MANIFOLD GASKETS | APPLICATION  |
|------------------|--|
| MS 98000 T†▼     | GM Truck 5.0L V8 VIN M 1996-2002<br>GM Truck 5.7L V8 VIN R 1996-2002   |
| MS 98002 T†▼     | GM Truck 4.3L V6 VIN W, X 1996-2006  |
| MS 98003 T†▼#    | GM Car 3.1L V6 VIN J 1999-2005<br>GM Car & Truck 3.4L V6 VIN E 1996-2005   |
| MS 98003 T-1†▼#  | GM Truck 3.4L V6 VIN F, 9 2004-2008  |
| MS 98004 T▼#     | GM Car 3.1L V6 VIN M 1993-1999   |
| MS 98005 T*▼     | Ford Truck 4.0L OHV V6 1990-1997   |
| MS 98006 T*▼     | Ford Truck 4.0L OHV V6 1998-2001   |
| MS 98007 T▼      | Ford Truck 4.6L SOHC V8 1997-1999<br>Ford Truck 5.4L SOHC V8 1997-1999   |
| MS 98007 T-1▼    | Ford Car 4.6L SOHC V8 1995-2000  |
| MS 98008 T▼      | Ford Truck 4.6L SOHC V8 2001-2004<br>Ford Truck 5.4L SOHC V8 1999  |
| MS 98008 T-1▼    | Ford Car 4.6L SOHC V8 2001-2004  |
| MS 98008 T-2▼    | Ford Truck 4.6L SOHC V8 2000   |
| MS 98008 T-3▼    | Ford Truck 5.4L SOHC V8 2000-2008  |
| MS 98009 T▼      | Ford Truck 3.8L OHV V6 1996-1998 (3mm thick)   |
| MS 98010 T▼      | Ford Truck 4.2L OHV V6 1998  |
| MS 98010 T-1▼    | Ford Truck 4.2L OHV V6 1997-1998   |
| MS 98011 T▼      | Ford Truck 3.8L OHV V6 1996-1998 (4mm thick)   |
| MS 98011 T-1▼    | Ford Truck 3.8L OHV V6 1999-2003   |
| MS 98011 T-2▼    | Ford Car 3.8L OHV V6 1999-2004<br>Ford Car 3.9L OHV V6 2004<br>Ford Truck 4.2L OHV V6 1998-2000                            |
| MS 98011 T-3▼    | Ford Truck 4.2L OHV V6 2001-2004   |
| MS 98013 T†▼△    | GM Car & Truck 3.5L V6 VIN L, 8 2004-2008  |
| MS 98014 T       | GM Car 3.8L V6 VIN K, 1, 2, 4 1995-2008  |
| MS 98015 T†▼△    | GM Car & Truck 3.5L V6 VIN K, N 2006-2008<br>GM Car & Truck 3.9L V6 VIN R, W, 1, 3 2006-2008                               |
| MS 98016 T       | GM Truck 4.8L V8 VIN V 1999-2008<br>GM Truck 5.3L V8 VIN B, M, P, T, Z 1999-2008<br>GM Truck 6.0L V8 VIN H, N, U 1999-2008 |



† Includes PermaDry® valve cover gaskets  
 \* Includes PermaDryPlus® valve cover gaskets  
 ▼ Includes Upper Intake gaskets  
 △ Covered by U.S. Patent No. 7,302,925  
 # Covered by U.S. Patent Nos. 7,302,925 / 7,306,235 and other patents pending

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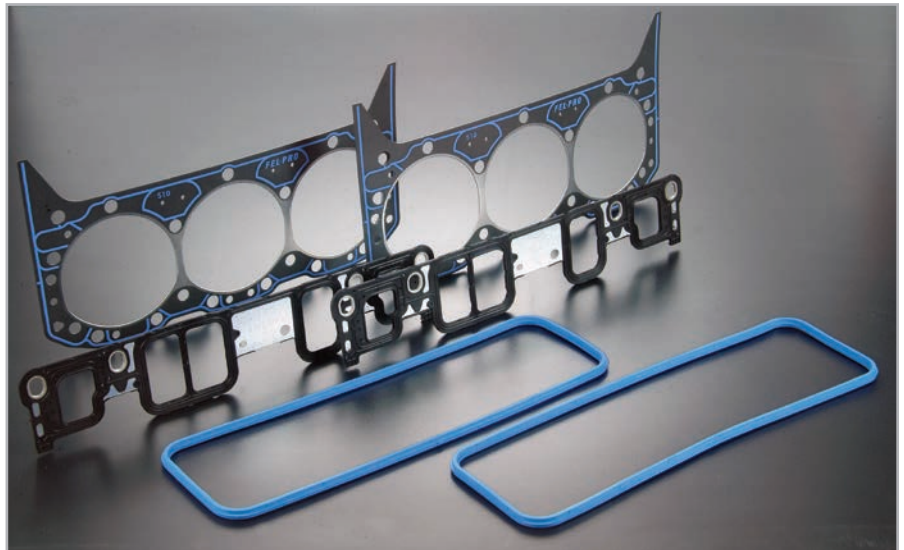
## Engine Repair Sealing Products: HST Sets

### FEL-PRO® HEAD SETS FEATURING PERMADRYPLUS® TECHNOLOGY

Designed for the technician who wants to use premium PermaDryPlus® gaskets for cylinder head repair/installation. Fel-Pro HST sets offer the latest sealing technologies, including Fel-Pro PermaDryPlus® intake gaskets, SevereDuty® head gaskets, PermaDry® valve cover gaskets, PermaDryPlus® valve cover gaskets and other premium components. These premium Fel-Pro sets apply the latest and best application-specific technologies to each engine platform and gasket, then pull the gaskets together into a single gasket kit.

#### HST Set =

- PermaTorqueSD® HS head set and content +
- PermaDryPlus MS-T intake manifold set with the exact components needed for the repair.



| HST Set Availability      |                            |                                  | HST Gasket Upgrades |               |                     |                     |  |
|---------------------------|----------------------------|----------------------------------|---------------------|---------------|---------------------|---------------------|--|
| PERMADRYPLUS HEAD SET HST | STANDARD SET               | APPLICATION                      | INTAKE GASKETS      | HEAD GASKETS  | VALVE COVER GASKETS | VALVE COVER GASKETS | OTHER PREMIUM COMPONENTS                   |
| HST 7733 PT-16            | HS 7733 PT-16              | 1996-2002 GM Truck L/D 5.7L V8   | PERMADRYPLUS        | PERMATORQUESD | PERMADRY            | PERMADRYPLUS        | Distributor gasket                         |
| HST 8510 PT-6             | HS 8510 PT-6               | 1996-2002 GM Truck L/D 5.0L V8   |                     |               |                     |                     | Distributor gasket                         |
| HST 9071 PT               | HS 9071 PT                 | 1996-1999 GM Car & Truck 3.4L V6 |                     |               |                     |                     | Throttle body gasket                       |
| HST 9071 PT-1             | HS 9071 PT-1               | 2000-2003 GM Car & Truck 3.4L V6 |                     |               |                     |                     | Throttle body gasket & EGR gasket          |
| HST 9081 PT-1             | HS 9081 PT-1               | 1997-2001 Ford Truck 4.0L OHV V6 |                     |               |                     |                     | EGR gasket                                 |
| HST 9354 PT-6             | HS 9354 PT-6               | 1996-2006 GM Truck L/D 4.3L V6   |                     |               |                     |                     | Distributor gasket                         |
| HST 9957 PT-1             | HS 9957 PT-1               | 1999-2003 GM Car 3.1L V6 VIN "J" |                     |               |                     |                     | Throttle body gasket                       |
| HST 9957 PT-2             | HS 9957 PT-2<br>HS 9957 PT | 1993-1999 GM Car 3.1L V6 Vin "M" |                     |               |                     |                     | Upper intake gasket & Throttle body gasket |