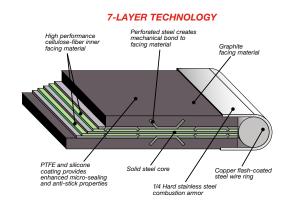
TRUSTED TECHNOLOGIES

Choose FP Diesel for technology that thrives in today's hardest working engines. OE innovation and aftermarket solutions — that's the FP Diesel advantage. Plus, a comprehensive guarantee program backs up your FP Diesel parts.

ML^{7™} HEAD GASKETS

The FP Diesel ML^{7™} gasket's innovative multi-layer-core design enables it to withstand significantly higher combustion pressures and temperatures, and to accommodate vertical and lateral motion between the block and cylinder head. The seven-layer technology incorporates a steel core, ensuring optimal compressed thickness control and a more solid and durable gasket that eliminates the concerns of repeat sealing issues in high-output applications.



FP DIESEL® PISTONS

FP Diesel pistons are proven to be an excellent and efficient replacement piston in today's hardest working engines. FP Diesel Articulated and POWERFORGED® pistons feature advanced engineering innovations that vastly improves cooling by circulating fresh oil non-stop to the piston crown; proprietary high-strength materials, and manganese coatings that improve performance and reduce scuffing.



FAST AND ACCURATE PRODUCT AUTHENTICATION

A new product security label is now offered for the global range of FP Diesel® replacement engine and sealing components and kits.



THE NEW SECURITY LABEL FEATURES:

- Easy visual confirmation of product authenticity.
- A 'track and trace' feature using product serial numbers to locate parts anywhere in the world.
- Ability to verify Data Matrix Code with a 2-D scanner.
- Integration with a mobile app that enables global customers and customs officials to quickly and easily authenticate each product:
- Download the SmartAuthentication[™]
 app from Google Play or Apple App
 Store
- Hold your phone above the holographic label. Your phone will automatically photograph the label to verify the product is genuine
- 3. Follow app instructions to verify the hologram and check ID number





For step by step instructions on how to best leverage the new FP Diesel security enhancements, visit www.fmheavydutyparts.com/products/fp-diesel-engine.html

Europe/Middle East/Africa:

Federal-Mogul Global Aftermarket EMEA, Prins Boudewijnlaan 5, 2550 Kontich - Belgium

Rely on FP Diesel for an outstanding range of replacement components for hard-working engines!

Please send all your inquiries to fpdiesel.emea@FMmotorparts.com







EXPERTISE IN PERKINS ENGINE PARTS

When you have an engine down and need precision-engineered replacement parts and you need them fast, turn to Federal-Mogul Motorparts — one of the leading suppliers of heavy duty powertrain components across the globe.

The new FP Diesel Perkins 1000 Series is the first in a series of products from our new Perkins range. Our pistons, rings, liners, bearings and gaskets service a wide range of builds and applications.





PISTONS / RINGS / LINERS / GASKETS / BEARINGS / TOP ENGINE

© 2017 Federal-Mogul Motorparts LLC.
All trademarks shown are owned by Federal-Mogul LLC or one or more of its subsidiaries in one or more countries.





AN ENGINE IS ONLY AS RELIABLE AS ITS WEAKEST PART. WITH FP DIESEL AFTERMARKET PARTS, YOU FIT NOTHING BUT RELIABILITY

FP Diesel Perkins Engines 1000 Series Overhaul parts give you the OE Quality without the OE cost.

- Original OE parts have guaranteed quality but at a price
- Non-branded parts may be cheaper but unreliable
- FP Diesel parts provide an outstanding overall solution with a 2-year guarantee.

When you buy an FP Diesel part you are benefitting from our expertise as trusted supplier to the some of the World's leading vehicle, equipment and engine manufacturers. As part of the Federal-Mogul group we supply engine components for both automotive and off highway applications. Our heavy-duty powertrain components continue to provide reliable performance to the agricultural, construction, marine and power generation industries.

When you fit FP Diesel aftermarket parts you fit parts that have been re-engineered to be in-line with OE standards, quality and material. FP Diesel engine components provide thousands of hours of trouble free service: That is why we have no hesitation in providing each part with a 2-year guarantee from the date fitted without mileage or hour qualification.

Fit FP Diesel parts to your engine and you can be assured that you are choosing the right parts to fit in your engine:

- Engineered to the original specification
- ✓ Maximum Value Minimum down time
- Suppliers to global leading engineering industries
- ✓ 2 Year guarantee from date of installation

"Our recommendation, to ensure optimum fit and outstanding performance benefit is to always install all your FP Diesel parts together."

PERKINS PN RJ. TOLA R FP PART NUMBER PRODUCT TYPE 4181A019 4181A021 Piston Ring Kit 4181A026 P-4181A026 Piston Ring Kit Liner - Slin Fit 3142A051 Valves - Intake Valves - Intake P-3142I 071 3142L071 Valves - Intake P-3142L072 3142L072 P-3142L081 Valves - Intake 3142L081 P-3142D041 Valves - Intake 3142D041 Valves - Intake 3142H041 P-3142D031 Valves - Exhaust 3142D031 FP-3142D051 Valves - Exhaust 31420051 FP-3142D061 Valves - Exhaust 3142D061 FP-3343F041 3343F041 Valve Guide 3313A012 FP-3313A012 P-3343 I021 3343J021 FP-85042A Conrod Bearing Kit - 0.25mm U/S (4 Cyl) 85042A P-85042B Conrod Bearing Kit - 0.50mm U/S (4 Cyl) 85042B FP-85042C Conrod Bearing Kit - 0.75mm U/S (4 Cyl) 85042C . . . P-U5ME0034A Conrod Bearing Kit - 0.25mm U/S (4 Cvl) U5ME0034A P-115MF0034B Conrod Bearing Kit - 6 Cvl FP-85043A Conrod Bearing Kit - 0.25mm U/S (6 Cyl) 85043A FP-85043B Conrod Bearing Kit - 0.50mm U/S (6 Cyl) 85043B P-85043C FP-U5ME0035 Conrod Bearing Kit - 6 Cvl U5ME0035 Conrod Bearing Kit - 0.25mm U/S (4 Cyl) U5ME0035A P-U5ME0035B Conrod Bearing Kit - 0.50mm U/S (4 Cvl) U5ME0035B P-U5ME0035C • Small End Bush 31134123 FP-31134123 FP-31134131 Small End Bush Small End Bush 3112E005 P-3112E005 Cylinder Head Gasket (6 Cyl) P-3681H208 -2418M505 P-2418M506 Valve Stem Seal - Intake 2418M506 2418F475 P-2418F475 Rear Oil Seal P-2418F701 FP-3681A021 Valve Cover Gasket 3681A021 P-3681A032 Valve Cover Gasket P-3681A049 Valve Cover Gasket 3681A049 P-3681A051 Valve Cover Gasket FP-3681C001 3681C001 FP-3681V012 Intake Manifold Gasket 3681V012 P-3688C042 Exhasut Manifold Gaske FP-1151T1178 Gasket Kit - Ton (4 Cvl) U5IT1178 Gasket Kit - Top (4 Cvl) FP-1151T1196 Gasket Kit - Top (4 Cvl) U5LT1196 P-U5LT1202 Gasket Kit - Top (4 Cyl) U5LT1202 U5LB1164 FP-U5LB1164 Gasket Kit - Bottom (4 Cvl Gasket Kit - Bottom (6 Cyl) U5LB1167 FP-U5LB1167 Gasket Kit - Bottom (4 Cvl)