



HIGH PERFORMANCE ENGINES

ISO 9001 CERTIFIED

AVAILABLE HIGH PERFORMANCE ENGINE KITS



MANUFACTURING TRUCK PARTS
IN THE UNITED STATES SINCE 1973

HP ENGINE KITS OFFERS

High Performance Material
Anti-friction Properties
Wear Resistant
Temperature Stability
Better Fuel Economy
Longer Life
3-Year Warranty



www.paiindustries.com

Caterpillar HP Engine Kits

CAPC15103-010HP
CAPC15101-010HP
CAPC15603-010HP
CAP340622-010HP
CAP340632-010HP
CAP340621-028HP
CAPC13101-017HP
CAPC15105-010HP
CAPC12101-017HP
CAPC15601-010HP
CAP340682-010HP
CAP340616-010HP
CAP340613-019HP
CAP340611-073HP

Cummins HP Engine Kits

CUPISB606-101HP
CUPN14221-017HP
CUPISX106-017HP
CUPISX107-017HP
CUPISB606-026HP
CUPISB606-076HP
CUPN14222-017HP
CUPISB606-126HP
CUP855029-017HP

Detroit Diesel HP Engine Kits

DDPS60106-017HP
DDPS60102-033HP
DDPS60110-017HP
DDPS60103-033HP
DDPS60104-001HP
DDPS60102-001HP
DDPS60111-017HP
DDPS60110-033HP
DDPS60104-017HP
DDPDD1502-001HP
DDPDD1501-145HP

International HP Engine Kits

NAP466111-001HP
NAP466112-001HP
NAP466102-001HP

Mack HP Engine Kits

ERK-8036-001HP
ERK-8049-017HP



Note: Call for custom built
High Performance Engine Kits.

PAI High Performance Engine Parts

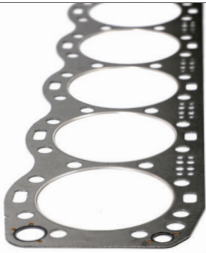
PAI ensures that High Performance Truck Parts exceeds industry standards for quality and performance. As an added advantage to our customers, High Performance Truck Parts also come with an extended warranty.

More Information: www.paiindustries.com/highperformance



HP Cylinder Head Gasket (7-Layer)

NEW



- High Heat Resistant
- Stronger Sealant Bond
- Corrosion Resistant
- Increased Strength
- Long Life
- High Pressure Resistant

The HP Cylinder Head Gasket was carefully designed using Graphite Sheets, Perforated Steel Sheets and Facing Material precisely layered; then sealed using a mechanical bonding process.

HP Piston Crown (HP-2)

NEW

Gold Coating Coming Soon!



- Protects 2000°F +
- Corrosion Protection
- High Heat Resistant

HP-2 Ceramic Thermal Barrier Coatings are applied to piston domes that protects parts from damage and improves horsepower by preventing thermal loss.

HP Liner (Groove Technology)



- Temperature Stability
- Increase Strength
- Prevent Blow-Out
- Prevent Flange Cracks
- Control Oil Consumption
- Cavitation Resistant

PAI's patented Groove Technology cooling design improves the temperature stability of the liner. Combined with high alloy gray iron material to increase tensile strength.

HP Piston Skirt (HP-3)



- Low Coefficient of Friction
- Wear Resistant
- Corrosion Protection

HP-3 is a proprietary formulation of anti-friction coating applied to the piston skirt to decrease friction on the cylinder walls.

HP Piston Rings (HP-1)



Top Ring Only

- Oil & Fuel Resistant
- Corrosion Protection
- Heat Resistant

HP-1 Dry-Film Lubrication Coating provides solid lubrication resulting in higher load capacity and friction reduction. This coating also protects the piston rings by preventing micro-welding and abrasive wear.

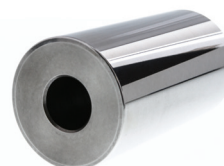
HP Main Bearings (HP-780)



- Low Friction
- Wear Resistant
- Corrosion Protection
- Longer Life
- Better Fuel Economy
- Better Lubrication

HP-1 coating lowers friction to 1/3 of the original value, thus preventing abrasive wear.

HP Piston Pin (ISF)



- Better Fuel Economy
- Runs Smoother
- Longer Life

Isotropic Super Finishing (ISF) produces an extremely fine, non-directional surface finish that greatly reduces friction and combats parasitic loss.