



®

**ALLIANT
POWER**

Application Guide



ABOUT US

Alliant Power was established in 2002 as a result of a strategic partnership with Caterpillar Fuel Systems, granting Alliant Power exclusive rights to supply new, original equipment HEUI injectors for popular Ford and Navistar diesel vehicles to the aftermarket. Since 2002, the Alliant Power product line has grown considerably. We lead the aftermarket in original equipment or equivalent quality products: fuel systems, engine components, and value-add repair solutions.

WHERE TO BUY

Alliant Power has cultivated an extensive network of 500+ independent diesel specialists to provide Alliant Power product and service solutions throughout the Americas. Please visit our Dealer Locator at alliantpower.com to find an Authorized Dealer in your area. Please contact Alliant Power at **1.866.283.1785** if you are interested in becoming an Authorized Dealer.

VALUE-ADD PRODUCT SOLUTIONS

Alliant Power takes great pride in supplying our valued customers only OEM or equivalent quality products. Where possible, Alliant Power provides added value by offering cost effective repair solutions and kitting strategies. Look for the emblems below throughout this Application Guide highlighting these strategic product solutions.

EXCLUSIVE PARTS

Oftentimes, OEMs restrict product access or offer only expensive replacement components to fix engine issues. With this in mind, Alliant Power strives to create unique, exclusive product solutions enabling cost effective, quality repairs alternative to expensive component replacement – saving our customers time and money.

EXCLUSIVE KITS

Alliant Power assembles kits to include all components necessary to complete a specific repair. These kits include not only the replacement component but also all necessary seals, gaskets, and hardware for proper installation. Save time and money—when you order these exclusive kits from Alliant Power, you can be sure you have all of the necessary parts to do the job right!

PROFESSIONAL TECHNICAL SUPPORT

Alliant Power offers a comprehensive technical support program to assist customers with vehicle diagnostic troubleshooting, part number cross-referencing, and training for sales staff and technicians. Technical Bulletins relating to common engine diagnostic issues are available at alliantpower.com. Technical phone support is available at **1.866.283.1785**.

BEST IN CLASS WARRANTY

Alliant Power offers a best in class 13-month, unlimited mileage warranty on all products. On keystone products, Alliant Power offers a 24-month, unlimited mileage warranty. Alliant Power favorably calculates warranty labor reimbursement using flat rate labor time at the installer's shop rate. Please visit alliantpower.com for additional details regarding warranty coverage.

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FORD





FORD



New OEM HEUI® injectors available exclusively through Alliant Power

- Brand new original equipment HEUI® injectors
- Complete 1994 to 2003 Ford HD – Pickup and van coverage
- Available exclusively through Alliant Power
- 24-month, unlimited mileage warranty in Ford applications



7.3L POWER STROKE

Injectors

HEUI Injector***OEM Part Numbers:** F81Z9E527DRM, F4TZ9VE527AARM, F7TZ9E527ARM

Year Range:	Application:
1994–1998	F Series
1994–1996	F Series (California)
1994–1996	E Series

AP63800AA**HEUI Injector*****OEM Part Numbers:** F81Z9E527BRM, F7TZ9E527BRM, F61Z9VE527BRM, F61Z9VE527ERM**Notes:** Prime (Split Shot) Injector. Engines built BEFORE 12/07/1998.

Year Range:	Application:
1999	F Series
1997–1999	F Series (California)
1997–1998	E Series

EXCLUSIVE PARTS**AP63801AB****HEUI Injector*****OEM Part Numbers:** F81Z9E527CRM, 5C3Z9VE527BRM**Notes:** Prime (Split Shot) Injector. Engines built AFTER 12/07/1998.

Year Range:	Application:
1999–2003	F Series, E Series

AP63803AD**HEUI Injector*****OEM Part Numbers:** F81Z9E527EARM, XC3Z9E527AARM, 5C3Z9VE527ARM**Notes:** Long Lead (LL or blue harness connector) Injector. Engines built AFTER 12/07/1998. Used in #8 cylinder to eliminate “cackle” (Per Ford Bulletins 00–10–1, 00–22–1, and 01–14–6).

Year Range:	Application:	ESN Range:
1999–2003	F Series	661,496 to 896,812
1999–2003	E Series	661,974 to 896,812

AP63804AE

Modules

Glow Plug Control Module (GPCM)**OEM Part Numbers:** YC3Z12B533AA, DY876**Notes:** Field data indicates Glow Plug Control Modules (GPCMs) were used on some 2000 to 2003 vehicles.

Year Range:	Application:
2000–2003	F–250 / F–550, Excursion, E Series

AP63406**Indicates products with a core charge.*

7.3L POWER STROKE

Modules continued

AP65110



Remanufactured Injector Drive Module (IDM)*

OEM Part Number: F7TZ12B599AC

Year Range:
1994½–1998

Application:
F Series, E Series

AP65120

Remanufactured Injector Drive Module (IDM)*

OEM Part Numbers: XC3Z12B599AA, 2C2Z12B599A

Year Range:
1999–2003

Application:
F Series, Excursion, E Series

Fuel System Components

APM61067



Fuel Transfer Pump–Mechanical

OEM Part Numbers: F6TZ9350A, YC3Z9350CA

Notes: Includes two banjo gaskets.

Year Range:
1994–1998

Application:
F Series, E Series

69136



Fuel Transfer Pump–Electronic

OEM Part Numbers: F81Z9C407AC, 0 580 464 074

Year Range:
1993–2003

Application:
F Series, Excursion, E Series

AP63409



Fuel Filter Heater Element

OEM Part Number: F5TZ9J294A

Notes: Field data indicates both elements (AP63409 and AP63410) were used for MY 1998 vehicles. Be sure to verify which element is in place.

Year Range:
1994–1998

Application:
F Series, E Series

AP63410



Fuel Filter Heater Element

OEM Part Number: F81Z9J294AA

Notes: Field data indicates both elements (AP63409 and AP63410) were used for MY 1998 vehicles. Be sure to verify which element is in place.

Year Range:
1998–2003

Application:
F Series, Excursion, E Series

*Indicates products with a core charge.

7.3L POWER STROKE

Engine Components

Exhaust Back Pressure (EBP) Tube

AP63404

OEM Part Number: 1C3Z9D477AA

Year Range:
1999½–2003

Application:
F Series, Excursion, E Series



HEUI Injector Sleeve–Brass

AP63411

OEM Part Number: F4TZ9F538A

Year Range:
1994–2003

Application:
F Series, Excursion, E Series



Engine Oil Cooler

AP63452

OEM Part Number: 1C3Z6A642AA

Notes: Requires AP0004 Engine Oil Cooler O–ring and Gasket Kit for installation.

Year Range:
1994–2003

Application:
F Series, Excursion, E Series



Water Pump

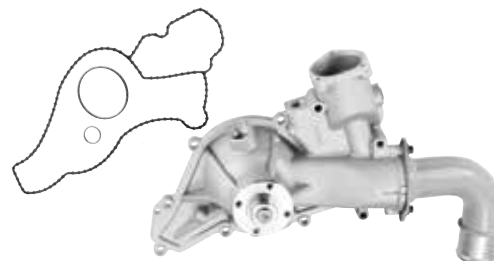
AP63501

OEM Part Numbers: F81Z8501CRM / ARM, F6TZ8501AARM, 2C3Z8V501BA

Notes: Includes mounting gasket. May require heater hose adapter fitting for installation. See Technical Bulletin APTB 04/06.

Year Range:
1994–1995
1996–2003

Application:
F Series, E Series
F Series, Excursion, E Series



Remanufactured High–Pressure Oil Pump

HP004X

OEM Part Number: F4TZ9A543BRM

Notes: Includes mounting gasket.

Year Range:
1994–1995

Application:
F Series, E Series



Remanufactured High–Pressure Oil Pump

HP005X

OEM Part Number: F6TZ9A543ARM

Notes: Includes mounting gasket.

Year Range:
1996–1997

Application:
F Series, E Series



7.3L POWER STROKE

Engine Components continued

HP007X



Remanufactured High-Pressure Oil Pump

OEM Part Number: F81Z9A543BRM

Notes: Includes mounting gasket.

Year Range:
1998–1999½

Application:
F Series, E Series

HP008X



Remanufactured High-Pressure Oil Pump

OEM Part Number: F81Z9A543CRM

Notes: Includes mounting gasket.

Year Range:
1999½–2003

Application:
F Series, Excursion, E Series

Sensors

AP63490



Ambient Air Temperature (AAT) Sensor

OEM Part Numbers: 9U2Z12A648A, DY1145

Year Range:
1994–1998

Application:
F Series

AP63491



Camshaft Position (CMP) Sensor

OEM Part Numbers: F4TZ12K073C, DU87

Year Range:
1994–1996

Application:
F Series

AP63400



Camshaft Position (CMP) Sensor

OEM Part Numbers: F7TZ12K073A / B

Year Range:
1997–2003
2000–2003
2000–2003
1997–2003

Application:
F–250 / F–550
F–650 / F–750
Excursion
E Series

ESN Range:
375,549 to 2,030,402
1,026,248 to End
896,813 to 2,030,402
375,549 to 2,030,402

7.3L POWER STROKE

continued **Sensors**

Engine Oil Pressure (EOP) Sensor

OEM Part Numbers: F81Z9278AA, SW5267

Year Range:
1994–2003

Application:
F Series, Excursion, E Series

AP63435



Engine Oil Temperature (EOT) Sensor

OEM Part Numbers: F5AZ12A648AB, 3F1Z12A648A, DY961, DY1144

Year Range:
1994–2003

Application:
F Series, Excursion, E Series

AP63436



Pressure Sensor

OEM Part Numbers: 1C3Z9J460AA, DPFE1

Notes: Exhaust Back Pressure (EBP).

Year Range:
1994–1997

Application:
F Series, E Series

AP63429



Exhaust Back Pressure (EBP) Sensor

OEM Part Numbers: 4C3Z9J460A, DPFE3

Year Range:
1997–2002
2000–2002
2000–2002
1995–2003

Application:
F–250 / F–550
F–650 / F–750
Excursion
E Series

ESN Range:
501 to 2,030,402
1,026,248 to End
896,813 to 2,030,402
35,651 to 2,030,402

AP63403



Injection Control Pressure (ICP) Sensor

OEM Part Number: F6TZ9F838A

Year Range:
1999–2002
2000–2002
2000–2002
1995–2003

Application:
F–250 / F–550
F–650 / F–750
Excursion
E Series

ESN Range:
661,974 to 2,030,402
1,026,248 to End
896,813 to 2,030,402
35,651 to 2,030,402

AP63418



Manifold Absolute Pressure (MAP) Sensor

OEM Part Numbers: F4TZ9F479A, DY708

Year Range:
1994–1998

Application:
F Series, E Series

AP63489



7.3L POWER STROKE

Sensors continued

AP63492



Manifold Absolute Pressure (MAP) Sensor

OEM Part Numbers: F8UZ9F479BA, CX1679

Year Range:
1998–2003

Application:
F Series, Excursion

Actuators

AP63401



Injection Pressure Regulator (IPR) Valve

OEM Part Numbers: F4TZ9C968C / CB, 2C3Z9C968BA

Notes: With edge filter.

Year Range:
1994–1995½

Application:
F Series, E Series

ESN Range:
0 to 187,099

AP63402



Injection Pressure Regulator (IPR) Valve

OEM Part Numbers: F81Z9C968AA / AB

Notes: Without edge filter.

Year Range:
1995½–2003

Application:
F Series, Excursion,
E Series

ESN Range:
187,100 to End

AP63405



Glow Plug Relay

OEM Part Numbers: F81Z12B533AC, F7TZ12B533A / CA, DY861, RY525

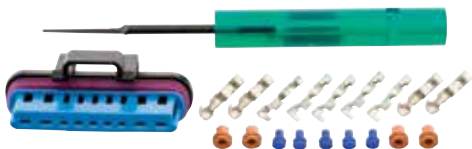
Year Range:
1994–2003
2000–2002
2000–2002
1995–2003

Application:
F–250 / F–550
F–650 / F–750
Excursion
E Series

Electrical Harness and Repair

AP0009

EXCLUSIVEKITS



Valve Cover Harness Connector Repair Kit

Notes: Repairs AP0016 Valve Cover Gasket Connector Pigtail.

Year Range:
1998–2003

Application:
F Series, Excursion, E Series.

AP0010

EXCLUSIVEKITS



Valve Cover Harness Connector Repair Kit

Notes: Repairs AP0015 Valve Cover Gasket Connector Pigtail.

Year Range:
1994–1997

Application:
F Series, E Series

7.3L POWER STROKE

continued **Electrical Harness and Repair**

Valve Cover Gasket Connector Pigtail

Year Range:
1994–1997

Application:
F Series, E Series

EXCLUSIVEPARTS AP0015



Valve Cover Gasket Connector Pigtail

Year Range:
1998–2003

Application:
F Series, Excursion, E Series

EXCLUSIVEPARTS AP0016



3 Wire Pigtail

OEM Part Number: 5C3Z12224A

Notes: Fits AP63418 Injection Control Pressure (ICP) Sensor as well as AP63403 Exhaust Back Pressure (EBP) Sensor, and AP63429 Pressure Sensor.

Year Range:
1994–2003

Application:
F Series, Excursion, E Series

AP0021



2 Wire Pigtail

Notes: Fits AP63401 and AP63402 Injection Pressure Regulator (IPR) Valves and all HEUI A Injectors.

Year Range:
1994–1995½
1995½–2003

Application:
F Series, E Series
F Series, Excursion,
E Series

ESN Range:
0 to 187,099
187,100 to End

AP0068



Internal Injector Harness

OEM Part Number: F81Z9D930AB

Notes: Use with AP0014 Valve Cover Gasket Kit.

Year Range:
1998–2003

Application:
F Series, Excursion, E Series

AP63413



Internal Injector Harness

OEM Part Number: F4TZ9D930K

Notes: Use with AP0013 Valve Cover Gasket Kit.

Year Range:
1994–1997

Application:
F Series, E Series

AP63414



7.3L POWER STROKE

Seal and Gasket Kits

AP0001



HEUI Injector Seal Kit

OEM Part Numbers: F8TZ9229AA, XC3Z9229AB

Year Range:
1994–2003

Application:
F Series, Excursion, E Series

AP0003



Injection Pressure Regulator (IPR) Valve Seal Kit

OEM Part Numbers: F6TZ9C977AN, 4C3Z9C977AA

Year Range:
1994–2003

Application:
F Series, Excursion, E Series

AP0004



Engine Oil Cooler O-ring and Gasket Kit

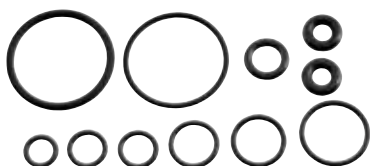
OEM Part Numbers: F4TZ6A636A, F7TZ6A636AAA, 1C3Z6C610BA, 1C3Z6K649BA

Year Range:
1994–2003

Application:
F Series, Excursion, E Series

EXCLUSIVEKITS

AP0008



Fuel Filter Drain Valve Kit

OEM Part Numbers: F6TZ9157BA and F5TZ9151A

Year Range:
1994–1997

Application:
F Series, E Series

EXCLUSIVEKITS

AP0007



Fuel Filter Drain Valve Kit

OEM Part Number: F81Z9C065AA

Notes: Includes grommets.

Year Range:
1998–2003

Application:
F Series, Excursion, E Series

AP0011



High-Pressure Oil Pump Seal Kit

OEM Part Number: 2C3Z9G804AB

Year Range:
1994–2003

Application:
F Series, Excursion, E Series

EXCLUSIVEKITS

7.3L POWER STROKE

continued **Seal and Gasket Kits**

Valve Cover Gasket Kit

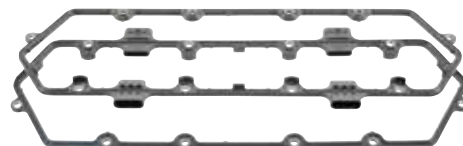
AP0013

OEM Part Number: F4TZ6584A

Notes: Use with AP63414 Internal Injector Harness. Package of two.

Year Range:
1994–1997

Application:
F Series, E Series



Valve Cover Gasket Kit

AP0014

OEM Part Number: F81Z6584AA

Notes: Use with AP63413 Internal Injector Harness. Package of two.

Year Range:
1998–2003

Application:
F Series, Excursion, E Series



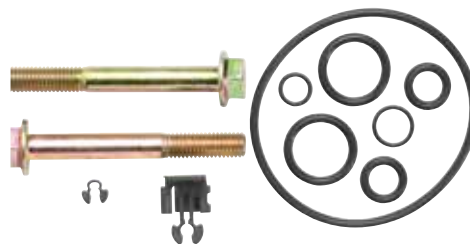
Turbo Installation Kit

AP63461

OEM Part Number: F81Z6N653BA

Year Range:
1999–2003

Application:
F Series, Excursion, E Series



Engine Accessories

Belt Tensioner

AP63421

OEM Part Numbers: F8UZ6B209CA, BT50

Year Range:
1998–2003
2000–2003

Application:
F Series, E Series
Excursion



Vacuum Pump–Electronic

AP63433

OEM Part Numbers: 6C3Z2A451A, 6C3A2A451BA, F81Z2A451BA, 4C3Z2A451BA, BRPV–7

Year Range:
1998–2003

Application:
F Series, Excursion, E Series



7.3L POWER STROKE

Engine Accessories continued

AP63700



Vacuum Pump-Mechanical

OEM Part Numbers: F6TZ2A451AA, BRPV-6

Year Range:

1998-2002

2000-2002

1996-2002

2002

Application:

F-250 / F-450

F-550

E-350

E-450 / E-550

AP63724



Vacuum Pump-Mechanical

OEM Part Numbers: F4TZ2A451A, BRPV-5

Year Range:

1994-1998

Application:

F Series, E Series

AP83000



Starter

OEM Part Numbers: F4TZ11002A, F5TU11000AA / AB / AD

Year Range:

1994-2003

Application:

F Series, Excursion, E Series

Filters

PFF829B

RACOR



Spin-on Fuel Filter/Water Separator

OEM Part Number: FD3375

Notes: Only fits 7.3L IDI Diesel.

Year Range:

1988-1994

Application:

F Series, E Series

PFRK20567

RACOR



Fuel Filter Bowl/Drain Assembly

Notes: Use with PFF829B Spin-on Fuel Filter/Water Separator. Only fits 7.3L IDI Diesel.

Year Range:

1988-1994

Application:

F Series, E Series

PFF4595

RACOR



Fuel Filter Element Service Kit

OEM Part Number: FD4495

Year Range:

1994-1998

Application:

F Series, E Series

7.3L POWER STROKE

continued **Filters**

Fuel Filter Top Cover

OEM Part Number: F5TZ9G270A

Year Range:
1994–1998

Application:
F Series, E Series

RACOR



RK31019

Fuel Filter Element Service Kit

OEM Part Number: FD4596

Year Range:
1998½–2003

Application:
F Series, Excursion, E Series

RACOR



PFF4596

Fuel Filter Top Cover

Year Range:
1998½–2003

Application:
F Series, Excursion, E Series

RACOR



RK31449

Fuel Filter Housing Assembly

OEM Part Numbers: F6TZ9155AB, FG1054

Notes: Includes PFF4595 Fuel Filter Element Service Kit, RK31019 Fuel Filter Top Cover, and AP63409 Fuel Filter Heater Element. Field data indicates both housings (AP63424 and AP63425) were used for MY 1998 vehicles. Be sure to verify which housing is in place.

Year Range:
1994–1998

Application:
F Series



AP63424

Fuel Filter Housing Assembly

OEM Part Numbers: F81Z9155AC, FG1057

Notes: Includes PFF4596 Fuel Filter Element Service Kit, RK31449 Fuel Filter Top Cover, and AP63410 Fuel Filter Heater Element. Field data indicates both housings (AP63424 and AP63425) were used for MY 1998 vehicles. Be sure to verify which housing is in place.

Year Range:
1998½–2003

Application:
F Series, Excursion, E Series



AP63425



purePOWER
TECHNOLOGIES



NEW

Injector Coils



NEW

Connector



NEW

Spool Valve

Alliant Power partners with PurePower Technologies®!

PurePower's industry leading remanufactured G2.8 injectors now available to the aftermarket through Alliant Power.

- Remanufactured by PurePower Technologies:
 - 100% new coil and harness assemblies with vented slot technology
 - 100% new spool valve and connector
 - 24-month, unlimited mileage warranty in Ford applications
- Brand new injectors also available



6.0L and 4.5L POWER STROKE

Injectors

PPT Remanufactured G2.8 Injector* PPT New G2.8 Injector*

OEM Part Numbers: 3C3Z9E527EBRM / EARM / AE / ABRM / ECRM, 6918-PP

Notes: Engines built BEFORE 09/22/2003.

Year Range:	Application:	ESN Range:
2003-09/21/2003	F-250 / F-550, Excursion	0 to 137,745 (Alabama built)
2003-09/21/2003	F-250 / F-550, Excursion	6,000,000 to 6,155,636 (Indiana built)
2003-09/21/2003	F-650 / F-750	0 to 112,360 (Alabama built)



AP60900
AP60800

AP60901
AP60801

purePOWER[®]
TECHNOLOGIES

PPT Remanufactured G2.8 Injector* PPT New G2.8 Injector*

OEM Part Numbers: 4C3Z9E527AA / BRM, 7E7Z9E527AA, 6919-PP

Notes: Engines built ON or AFTER 09/22/2003.

Year Range:	Application:
09/22/2003-2007	F-250 / F-550, Excursion
2005-2007	F-650 / F-750
2004-2010	E Series
2006-2010	4.5L LCF

Modules

Glow Plug Control Module (GPCM)

OEM Part Numbers: YC3Z12B533AA, DY876

Year Range:	Application:
2003-2007	F-250 / F-550, Excursion
2004-2010	E Series



AP63406

**Indicates products with a core charge.*

6.0L and 4.5L POWER STROKE

Modules continued

AP65122



Remanufactured Fuel Injection Control Module (FICM)*

OEM Part Numbers: 4C3Z12B599ABRM / AB / CRM / AARM

Notes: Pre-programmed. Engines built BEFORE 09/22/2003.

Year Range: 2003–09/21/2003
Application: F–250 / F–550, Excursion

AP65123

Remanufactured Fuel Injection Control Module (FICM)*

OEM Part Numbers: 4C3Z12B599ABRM / AB / DRM

Notes: Pre-programmed. Engines built ON or AFTER 09/22/2003.

Year Range: 09/22/2003–2004
Application: F–250 / F–550
 09/22/2003–01/31/2005 Excursion

AP65124

Remanufactured Fuel Injection Control Module (FICM)*

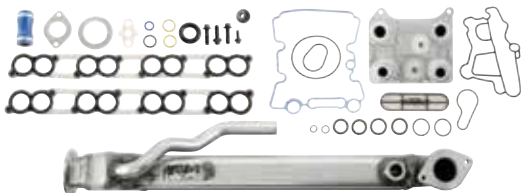
OEM Part Numbers: 4C3Z12B599ABRM / AB / ERM

Notes: Pre-programmed.

Year Range: 2005–2007
 02/01/2005–2005
 2004–2010
Application: F–250 / F–550
 Excursion
 E Series

Engine Components

AP63445 **EXCLUSIVEKITS**

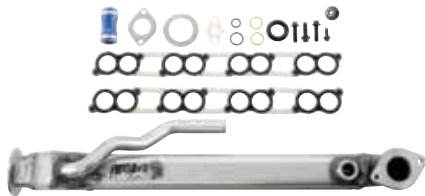


Oil Cooler/Exhaust Gas Recirculation (EGR) Cooler Kit*

Notes: Includes AP63451 Engine Oil Cooler Kit and AP63446 Exhaust Gas Recirculation (EGR) Cooler Kit. Core required only on the Exhaust Gas Recirculation (EGR) Cooler.

Year Range: 2004–2007
 2004–2010
Application: F Series, Excursion
 E Series

AP63446 **EXCLUSIVEKITS**



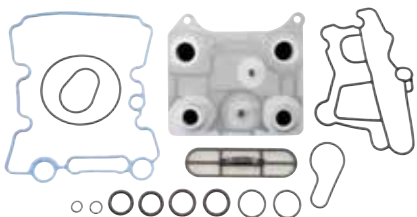
Exhaust Gas Recirculation (EGR) Cooler Kit*

OEM Part Numbers: 4C3Z9P456AF / AC / AH / AJ

Notes: Includes AP63447 Exhaust Gas Recirculation (EGR) Cooler Intake Gasket Kit.

Year Range: 2004–2007
 2004–2010
Application: F Series, Excursion
 E Series

AP63451



Engine Oil Cooler Kit

OEM Part Number: 3C3Z6A642CA

Notes: Includes AP0039 Engine Oil Cooler Gasket Kit.

Year Range: 2003–2007
 2004–2010
 2006–2010
Application: F Series, Excursion
 E Series
 4.5L LCF

6.0L and 4.5L POWER STROKE

continued **Engine Components**

Turbo Hose–Short

OEM Part Numbers: 6C3Z6C640C, 6C3Z6C640CA

Year Range:
2003–2004

Application:
F Series, Excursion

AP63454



Turbo Hose–Long

OEM Part Numbers: 6C3Z6C640A, 6C3Z6C640AA

Year Range:
2004½–2007

Application:
F Series, Excursion

AP63455



Thermostat

OEM Part Numbers: 3C3Z8575AA, RT1169

Year Range:
2003–2007
2004–2010

Application:
F Series
E Series

AP63496



Water Pump

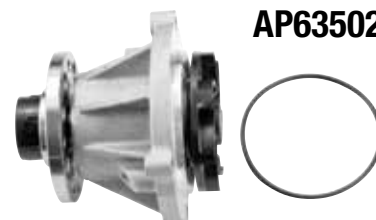
OEM Part Numbers: 3C3Z8501A, PW480

Notes: Includes mounting gasket. F–650 / F–750 use AP63583 Water Pump Navistar VT365.

Year Range:
2003–07/19/2004
2004–07/19/2004

Application:
F–250 / F–550, Excursion
E Series

AP63502



Water Pump

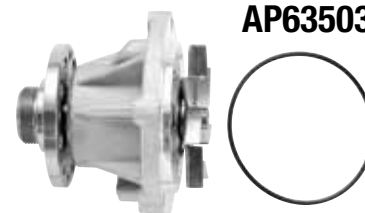
OEM Part Numbers: 4C3Z8501AC, PW491

Notes: Includes mounting gasket. F–650 / F–750 use AP63583 Water Pump Navistar VT365.

Year Range:
07/20/2004–2007
07/20/2004–2010
2006–2010

Application:
F–250 / F–550, Excursion
E Series
4.5L LCF

AP63503



Remanufactured High–Pressure Oil Pump*

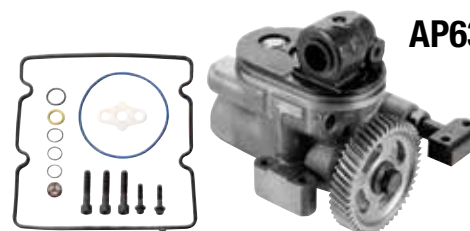
OEM Part Numbers: 5C4Z9A543A / B, 5C3Z9A543C / ARM

Notes: Includes seal kit.

Year Range:
2004½–2007
2004½–2010

Application:
F Series, Excursion
E Series

AP63661

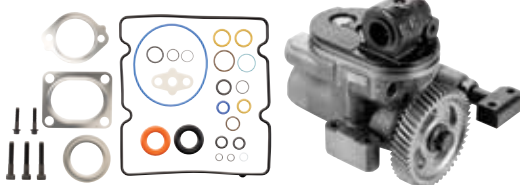


**Indicates products with a core charge.*

6.0L and 4.5L POWER STROKE

Engine Components continued

AP63662



Remanufactured High-Pressure Oil Pump*

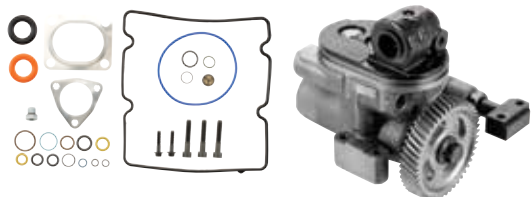
OEM Part Number: 6E7Z9A543BRM

Notes: Includes seal kit.

Year Range:
2006–2007

Application:
4.5L LCF

AP63663



Remanufactured High-Pressure Oil Pump*

OEM Part Number: 8E7Z9A543CRM

Notes: Includes seal kit.

Year Range:
2008–2010

Application:
4.5L LCF

HP032X



Remanufactured High-Pressure Oil Pump

OEM Part Numbers: 3C3Z9A543AARM, 4C3Z9A543AARM

Notes: Includes seal kit.

Year Range:
2003–2004

Application:
F Series, Excursion, E Series

AP90000



PPT Remanufactured Turbocharger*

OEM Part Numbers: 3C3Z6K682CCRM, 725390-5003S, 725390-9003, 725390-5006S

Year Range:
2003

Application:
F Series, Excursion

AP90001



PPT Remanufactured Turbocharger*

OEM Part Numbers: 4C3Z6K682CDRM, 743250-5004, 743250-5013S, 743250-9013, 743250-5024S, 743250-9024

Year Range:
2004

Application:
F Series, Excursion, E Series

AP90002

PPT Remanufactured Turbocharger*

OEM Part Numbers: 5C3Z6K682CCRM, 743250-5005, 743250-9005, 743250-5014S, 743250-9014, 743250-5025S, 743250-9025

Year Range:
2005–2007
2005–2010

Application:
F Series, Excursion
E Series

ESN Range:
6,344,943 to End
6,344,943 to End

*Indicates products with a core charge.

6.0L and 4.5L POWER STROKE

Sensors

Engine Speed/Position Sensor

OEM Part Numbers: 3C3Z6C315AA, DY985

Notes: Crankshaft Speed/Position.

Year Range:	Application:
2003–2007	F Series, Excursion
2004–2010	E Series
2006–2010	4.5L LCF



AP63412

Engine Speed/Position Sensor

OEM Part Numbers: 3C3Z12K073AA, 8C3Z12K073A, DU88

Notes: Camshaft Speed/Position.

Year Range:	Application:
2003–2007	F Series, Excursion
2004–2010	E Series
2006–2010	4.5L LCF



AP63415

Ambient Air Temperature (AAT) Sensor

OEM Part Numbers: AE5Z12A647A, DY1137

Year Range:	Application:
2004½–2008	F Series
2006–2008	E Series



AP63493

Engine Oil Pressure (EOP) Sensor

OEM Part Numbers: F81Z9278AA, SW5267

Year Range:	Application:
2003–2007	F Series, Excursion
2004–2010	E Series
2006–2010	4.5L LCF



AP63435

Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor

OEM Part Numbers: 3C3Z10884AA, SW6052

Year Range:	Application:
2003–2007	F Series, Excursion
2004–2010	E Series
2006–2010	4.5L LCF



AP63437

Exhaust Back Pressure (EBP) Sensor

OEM Part Numbers: 4C3Z9J460A, DPFE3

Year Range:	Application:	ESN Range:
2003–2004	F Series, Excursion	6,000,000 to 6,344,942
2004	E Series	0 to 149,760



AP63403

6.0L and 4.5L POWER STROKE

Sensors continued

AP63408



Exhaust Back Pressure (EBP) Sensor

OEM Part Numbers: 5C3Z9J460A / B, DPFE6

Year Range:

2005–2007

2003–2007

2004–2010

Application:

F–250 / F–550, Excursion 6,344,943 to End

F–650 / F–750

E Series

ESN Range:

149,761 to End

AP63407



Injection Control Pressure (ICP) Sensor

OEM Part Number: 3C3Z9F838EA

Notes: Mounts below turbo.

Year Range:

2003–2004

Application:

F Series, Excursion

AP63460



Injection Control Pressure (ICP) Sensor

OEM Part Numbers: 4C3Z9F838A / AB

Notes: Mounts on passenger side valve cover.

Year Range:

2004–2007

2004–2010

2006–2010

Application:

F Series, Excursion

E Series

4.5L LCF

AP63462



Intake Manifold Air Temperature (IAT) Sensor

OEM Part Numbers: 3C3Z12A697AA, DY984

Year Range:

2003–2010

2006

Application:

F Series, Excursion, E Series

4.5L LCF

AP63463



Intake Manifold Air Temperature (IAT) Sensor

OEM Part Numbers: 8C3Z12A697B, DY1112

Year Range:

2007–2010

Application:

4.5L LCF

AP63495



Manifold Absolute Pressure (MAP) Sensor

OEM Part Numbers: 2L1Z9F479AA, CX1961

Year Range:

2003–2007

2003–2005

2003–2010

Application:

F Series

Excursion

E Series

6.0L and 4.5L POWER STROKE

continued **Sensors**

Mass Air Flow (MAF) Sensor*

OEM Part Numbers: 3L3Z12B579ARM, AFLS181RM

Year Range:
2003–2007

Application:
F Series, Excursion



AP63494

Transmission Fluid Temperature Sensor

OEM Part Number: 3C3Z7H141AA

Year Range:
2003–2007
2004–2010

Application:
F Series
E Series



AP63497

Actuators

Injection Pressure Regulator (IPR) Valve

OEM Part Numbers: 3C3Z9C968AA, CM5054

Notes: Without edge filter.

Year Range:
2003–2004

Application:
F Series, Excursion



AP63416



Inlet Screen Detail

Injection Pressure Regulator (IPR) Valve

OEM Part Numbers: 5C3Z9C968CA, CM5126

Notes: With edge filter.

Year Range:
2005–2007
2004–2010
2006–2010

Application:
F Series, Excursion
E Series
4.5L LCF



AP63417



Inlet Screen Detail

Remanufactured Exhaust Gas Recirculation (EGR) Valve*

OEM Part Numbers: 4C3Z9F452A / ARM, CX2056, CX2467RM

Year Range:
2003–2004

Application:
F Series, Excursion



AP63438R



Remanufactured Exhaust Gas Recirculation (EGR) Valve*

OEM Part Numbers: 5C3Z9F452AA / ARM, CX2020, CX2466RM

Year Range:
2004½–2007
2004½–2010

Application:
F–250 / F–550, Excursion
E Series



AP63439R



Turbocharger Vane Actuator

OEM Part Numbers: 5C3Z6F089A / BA, 792593–0001

Year Range:
2003–2007
2004–2010

Application:
F Series, Excursion
E Series



AP91000



*Indicates products with a core charge.

6.0L and 4.5L POWER STROKE

Electrical Harness and Repair

AP0021



3 Wire Pigtail

OEM Part Number: 5C3Z12224A

Notes: Fits AP63407 and AP63460 Injection Control Pressure (ICP) Sensors as well as AP63403 and AP63408 Exhaust Back Pressure (EBP) Sensors.

Year Range:

2003–2007

2004–2010

2006–2010

Application:

F Series, Excursion

E Series

4.5L LCF

AP0056



2 Wire Pigtail

Notes: Fits AP63437 Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor and AP63462 Intake Manifold Air Temperature (IAT) Sensor.

Year Range:

2003–2007

2004–2010

2006–2010

Application:

F Series, Excursion

E Series

4.5L LCF

AP0030



Injector Harness Connector

Year Range:

2003–2007

2004–2010

2006–2010

Application:

F Series, Excursion

E Series

4.5L LCF

EXCLUSIVEPARTS

AP0040



G2.8 Injector Connector

Notes: See Technical Bulletin APTB 03/14 for installation instructions.

Year Range:

2003–2007

2004–2010

2006–2010

Application:

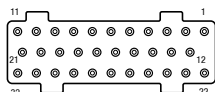
F Series, Excursion

E Series

4.5L LCF

EXCLUSIVEPARTS

AP0018



Fuel Injection Control Module (FICM) Connector

Notes: Field data shows identification marks 1456315–6, 1437287–7, or X–3.

Year Range:

2003–2007

2004–2010

2006–2010

Application:

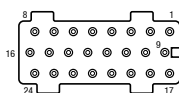
F Series, Excursion

E Series

4.5L LCF

EXCLUSIVEPARTS

AP0019



Fuel Injection Control Module (FICM) Connector

Notes: Field data shows identification marks 1456315–2, 1437287–6, or X–2.

Year Range:

2003–2007

2004–2010

2006–2010

Application:

F Series, Excursion

E Series

4.5L LCF

EXCLUSIVEPARTS

6.0L and 4.5L POWER STROKE

continued **Electrical Harness and Repair**

Fuel Injection Control Module (FICM) Connector

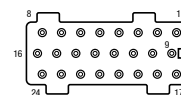
Notes: Field data shows identification marks 1456316-1, 1437287-5, or X-1.

Year Range:	Application:
2003-2007	F Series, Excursion
2004-2010	E Series
2006-2010	4.5L LCF

EXCLUSIVEPARTS



AP0020



Fuel Injection Control Module (FICM) Connector Pigtail

Notes: Replaces AP0018 Fuel Injection Control Module (FICM) Connector. Field data shows identification marks 1456315-6, 1437287-7, or X-3.

Year Range:	Application:
2003-2007	F Series, Excursion
2004-2010	E Series



EXCLUSIVEPARTS

AP0031

Fuel Injection Control Module (FICM) Connector Pigtail

Notes: Replaces AP0019 Fuel Injection Control Module (FICM) Connector. Field data shows identification marks 1456315-2, 1437287-6, or X-2.

Year Range:	Application:
2003-2007	F Series, Excursion
2004-2010	E Series



EXCLUSIVEPARTS

AP0032

Fuel Injection Control Module (FICM) Connector Pigtail

Notes: Replaces AP0020 Fuel Injection Control Module (FICM) Connector. Field data shows identification marks 1456316-1, 1437287-5, or X-1.

Year Range:	Application:
2003-2007	F Series, Excursion
2004-2010	E Series



EXCLUSIVEPARTS

AP0033

2 Wire Pigtail

Notes: Fits AP63416 and AP63417 Injection Pressure Regulator (IPR) Valves and AP91000 Turbocharger Vane Actuator.

Year Range:	Application:
2003-2007	F Series, Excursion
2004-2010	E Series
2006-2010	4.5L LCF



EXCLUSIVEPARTS

AP0068

6.0L and 4.5L POWER STROKE

Seal and Gasket Kits

AP0002 **▲EXCLUSIVEKITS**



G2.8 Injector Seal Kit

OEM Part Numbers: 3C3Z9229AA, CM5055

Notes: Includes high-pressure oil seal.

Year Range:

2003–2007

2004–2010

2006–2010

Application:

F Series, Excursion

E Series

4.5L LCF

AP0005



Exhaust Gas Recirculation (EGR) Valve O-ring Kit

OEM Part Number: 3C3Z9P455AB

Year Range:

2003–2007

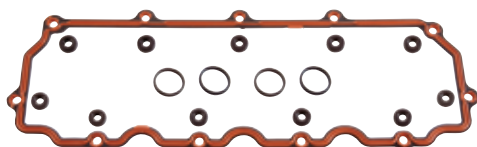
2004–2010

Application:

F Series, Excursion

E Series

AP0023



Valve Cover Gasket

OEM Part Number: 3C3Z6584BA

Year Range:

2003–2007

2004–2010

Application:

F Series, Excursion

E Series

AP0028 **▲EXCLUSIVEKITS**



Stand Pipe and Front Port Plug Seal Kit

OEM Part Numbers: W302209, W301386, and W301390

Notes: Reseals one side.

Year Range:

2003–2007

2004–2010

2006–2010

Application:

F Series, Excursion

E Series

4.5L LCF

AP0035



Injection Pressure Regulator (IPR) Valve Seal Kit

OEM Part Number: 3C3Z9H529A

Year Range:

2003–2007

2004–2010

2006–2010

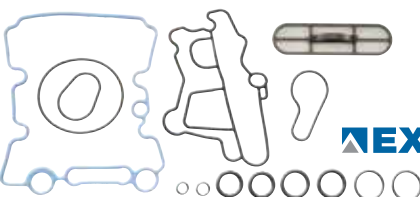
Application:

F Series, Excursion

E Series

4.5L LCF

AP0039



Engine Oil Cooler Gasket Kit

Year Range:

2003–2007

2004–2010

2006–2010

Application:

F Series, Excursion

E Series

4.5L LCF

▲EXCLUSIVEKITS

6.0L and 4.5L POWER STROKE

continued **Seal and Gasket Kits**

Head Gasket Kit with Studs** Head Gasket Kit without Studs

Notes: 18 mm dowels.

Year Range: 2003–2006
2004–2006

Application: F Series, Excursion
E Series

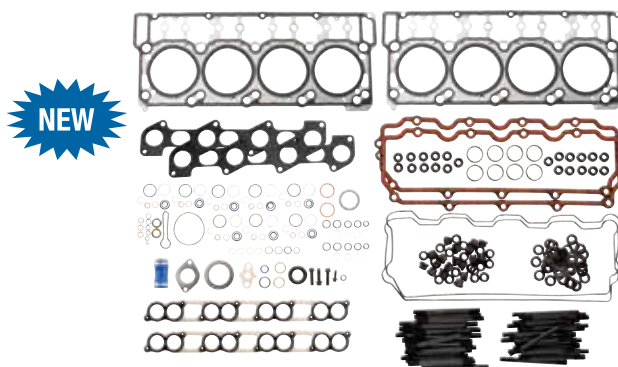
Kit Contents:

- 2 Cylinder Head Gaskets with 18 mm Dowels
- 2 Exhaust Manifold Gaskets
- 2 Rocker Housing Gaskets
- 1 Secondary Fuel Filter Seal Kit
- 4 Fuel Inlet Copper Washers
- 2 Valve Cover Gaskets
- 8 Injector Seal Kits
- 1 Exhaust Gas Recirculation (EGR) Cooler Intake Gasket Kit
- 1 Exhaust Gas Recirculation (EGR) Valve O-ring Kit
- 2 Stand Pipe and Front Port Plug Seal Kits
- ** Includes Head Stud Kit



EXCLUSIVEKITS

**AP0043
AP0060**



Head Gasket Kit with Studs** Head Gasket Kit without Studs

Notes: 20 mm dowels.

Year Range: 2006–2007
2006–2010

Application: F Series, Excursion
E Series

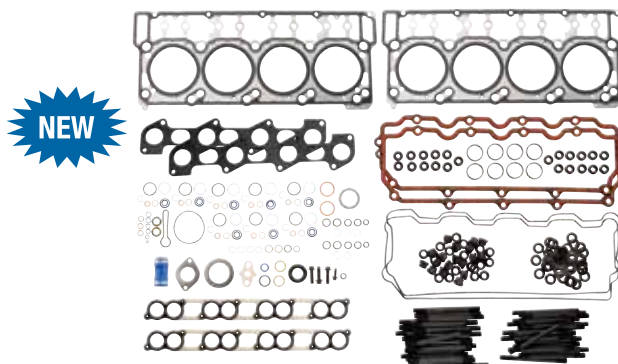
Kit Contents:

- 2 Cylinder Head Gaskets with 20 mm Dowels
- 2 Exhaust Manifold Gaskets
- 2 Rocker Housing Gaskets
- 1 Secondary Fuel Filter Seal Kit
- 4 Fuel Inlet Copper Washers
- 2 Valve Cover Gaskets
- 8 Injector Seal Kits
- 1 Exhaust Gas Recirculation (EGR) Cooler Intake Gasket Kit
- 1 Exhaust Gas Recirculation (EGR) Valve O-ring Kit
- 2 Stand Pipe and Front Port Plug Seal Kits
- **Includes Head Stud Kit



EXCLUSIVEKITS

**AP0044
AP0061**



High-Pressure Oil Rail Seal Kit

Notes: AP0069 High-Pressure Oil Rail Socket required for installation.

Year Range: 2003–2007
2004–2010
2006–2010

Application: F Series, Excursion
E Series
4.5L LCF

EXCLUSIVEKITS

AP0070

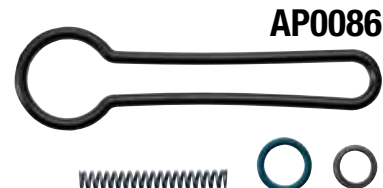


Fuel Pressure Regulator Kit

OEM Part Number: 3C3Z9T517AG

Year Range: 2003–2007
2004–2010

Application: F Series
E Series

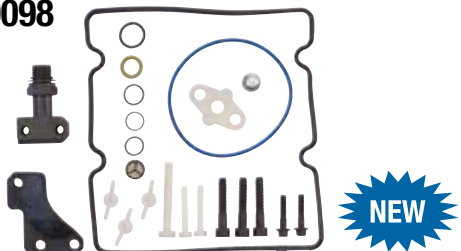


AP0086

6.0L and 4.5L POWER STROKE

Seal and Gasket Kits continued

AP0098



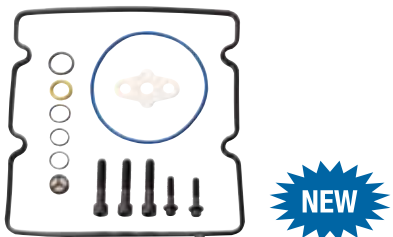
High-Pressure Oil Pump (HPOP) Installation Kit with Fitting

Notes: Includes updated outlet fitting.

Year Range:
2004½–2007
2004½–2010

Application:
F Series, Excursion
E Series

AP0099

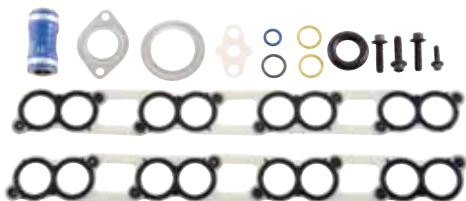


High-Pressure Oil Pump (HPOP) Installation Kit without Fitting

Year Range:
2004½–2007
2004½–2010

Application:
F Series, Excursion
E Series

AP63447



Exhaust Gas Recirculation (EGR) Cooler Intake Gasket Kit

OEM Part Numbers: 3C3Z9433BE / BH

Year Range:
2003–2007
2004–2010

Application:
F Series, Excursion
E Series

EXCLUSIVEKITS

AP63481



Turbo Installation Kit

OEM Part Number: 3C3Z9T514AG

Year Range:
2004–2007
2004–2010

Application:
F Series, Excursion
E Series

Engine Accessories

AP63430



Fan Clutch

OEM Part Numbers: 4C3Z8A616AA, YB632

Year Range:
2003–2007
2004–2010

Application:
F-250 / F-550, Excursion
E Series

AP63432



Belt Tensioner

OEM Part Number: 3C2Z6B209BA

Notes: Dual alternator configurations.

Year Range:
2003–2007
2004–2010

Application:
F-250 / F-550, Excursion
E Series

6.0L and 4.5L POWER STROKE

continued **Engine Accessories**

Belt Tensioner

OEM Part Number: 3C2Z6B209AA

Year Range:

2003–2007

2004–2010

Application:

F–250 / F–550, Excursion

E Series



AP63448

Vacuum Pump–Electronic

OEM Part Numbers: 6C3Z2A451A, 6C3A2A451BA, F81Z2A451BA, 4C3Z2A451BA, BRPV–7

Year Range:

2003–2007

Application:

F–250 / F–550, Excursion



AP63433

Vacuum Pump–Mechanical

OEM Part Numbers: 4C2Z2A451AA, AC2Z2A451A, BRPV–1 / 11

Year Range:

2004–2010

Application:

E Series



AP63703

Starter

OEM Part Numbers: 3C3Z11002AA, 3C3U11000AB, 6C2Z11002AA

Year Range:

2003–2007

2004–2010

Application:

F–250 / F–550, Excursion

E Series



AP83006

Filters

Horizontal Fuel Conditioning Module (HFCM)

OEM Part Numbers: 3C3Z9C407AB, 6C3Z9C407AA, 6C3Z9G282AA, PFB93, PFB101

Notes: Field data indicates that some vehicles built BEFORE 09/15/2003 may have three plug connections and would require a new wiring harness (6C3Z9F759A) for installation.

Year Range:

2003–2007

Application:

F–250 / F–550



AP63426

Vertical Fuel Conditioning Module (VFCM)

OEM Part Numbers: 6C2Z9G282AA, PFB98, 9C2Z9G282A, 6C3Z9G282C

Year Range:

2004–2010

Application:

E Series



AP63431

6.0L and 4.5L POWER STROKE

Filters continued

PFP58565

RACOR



Replacement Fuel Pump

OEM Part Number: 6E7Z9350D

Notes: Does not include housing.

Year Range:
2006–2010

Application:
4.5L LCF

PFF31795



RACOR

Fuel Filter Housing Cap

OEM Part Number: 3C3Z9G270AA

Year Range:
2003–2007
2004–2010
2006–2010

Application:
F–250 / F–550, Excursion
E Series
4.5L LCF

PFF4606

RACOR



Fuel Filter Element Service Kit

OEM Part Number: FD4606

Notes: Primary and secondary.

Year Range:
2004–2010

Application:
E Series

RK58052

RACOR



Replacement Plastic Bowl Assembly with Drain and WIF Sensor

OEM Part Number: 4C2Z9A343AA

Notes: Use with PFF4606 Fuel Filter Element Service Kit .

Year Range:
2004–2010

Application:
E Series

PFF4616

RACOR



Fuel Filter Element Service Kit

OEM Part Number: FD4604

Notes: Primary and secondary.

Year Range:
2003–2007
2006–2010

Application:
F–250 / F–550, Excursion
4.5L LCF

PFL2016

RACOR



Oil Filter Element Service Kit

OEM Part Number: FL2016

Year Range:
2003–2007
2004–2010

Application:
F Series, Excursion
E Series

6.0L and 4.5L POWER STROKE

continued **Filters**

Oil Filter Cap

OEM Part Number: 3C3Z6766CA

Year Range: 2003–2007
2006–2010

Application: F Series, Excursion
4.5L LCF

RK31821



Oil Filter Cap

OEM Part Number: 4C2Z6766BA

Year Range: 2004–2010

Application: E Series

RK32138



Replacement Fuel Pump

OEM Part Number: 6C3Z9C407AA

Notes: Does not include housing.

Year Range: 2003–2007
2004–2010

Application: F-250 / F-550
E Series

PFP58054





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6.4L POWER STROKE

Injectors

PPT Remanufactured Piezo Injector* PPT New Piezo Injector*

OEM Part Numbers: 8C3Z9E527A / DRM, 6920-PP

Notes: Includes injection line.

Year Range:
2008-2010

Application:
F-250 / F-550



AP64900
AP64800

Modules

Glow Plug Control Module (GPCM)

OEM Part Numbers: YC3Z12B533AA, DY876

Year Range:
2008-2010

Application:
F-250 / F-550



AP63406

Engine Components

Coolant Pump

OEM Part Number: 7C3Z8B552A

Year Range:
2008-2010

Application:
F-250 / F-550



AP63472

Exhaust Back Pressure (EBP) Tube

OEM Part Number: 8C3Z9F459A

Year Range:
2008-2010

Application:
F-250 / F-550



AP63520

**Indicates products with a core charge.*

6.4L POWER STROKE

Engine Components continued

AP63498



Thermostat Kit

OEM Part Numbers: 8C3Z8575D, RT1212

Year Range:
2008–2010

Application:
F–250 / F–550

AP63504



Water Pump

OEM Part Numbers: 8C3Z8501B, PW482

Notes: Includes mounting gasket.

Year Range:
2008–2010

Application:
F–250 / F–550

AP63468



Engine Oil Cooler Kit

OEM Part Number: 8C3Z6A642A

Notes: Includes engine oil cooler and installation kit.

Year Range:
2008–2010

Application:
F–250 / F–550

AP63643



Remanufactured High-Pressure Fuel Pump (HPFP) Kit*

OEM Part Numbers: 8C3Z9A543DRM / B

Notes: Includes pump and installation kit.

Year Range:
2008–2010

Application:
F–250 / F–550

EXCLUSIVE KITS

*Indicates products with a core charge.

6.4L POWER STROKE

Exhaust Aftertreatment

Diesel Particulate Filter (DPF)

OEM Part Number: 9C3Z5H221B

Notes: Includes installation kit. Pickup truck (wide frame). Not available for sale or use in California.

Year Range:
2008–2010

Application:
F-250 / F-450

AP70000



AP70001

EXCLUSIVEKITS

Diesel Particulate Filter (DPF)

OEM Part Number: 9C3Z5H221A

Notes: Includes installation kit. Chassis cab (narrow frame). Not available for sale or use in California.

Year Range:
2008–2010

Application:
F-350 / F-550

Sensors

Engine Speed/Position Sensor

OEM Part Numbers: 3C3Z6C315AA, DY985

Notes: Crankshaft Speed/Position.

Year Range:
2008–2010

Application:
F Series

AP63412



Engine Speed/Position Sensor

OEM Part Numbers: 3C3Z12K073AA, 8C3Z12K073A, DU88

Notes: Camshaft Speed/Position.

Year Range:
2008–2010

Application:
F Series

AP63415



Ambient Air Temperature (AAT) Sensor

OEM Part Numbers: AE5Z12A647A, DY1137

Year Range:
2008–2010

Application:
F-250 / F-550

AP63493



Fuel Rail Pressure Sensor

OEM Part Number: 8C3Z9G756A

Year Range:
2008–2010

Application:
F Series

AP63422



6.4L POWER STROKE

Sensors continued

AP63423



Exhaust Back Pressure (EBP) Sensor

OEM Part Numbers: 7E7Z9J460AA, 8C3Z9J460A, DPFE7, DPFE8

Year Range:
2008–2010

Application:
F Series

AP63435



Engine Oil Pressure (EOP) Sensor

OEM Part Numbers: F81Z9278AA, SW5267

Year Range:
2008–2010

Application:
F Series

AP63437



Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor

OEM Part Numbers: 3C3Z10884AA, SW6052

Year Range:
2008–2010

Application:
F Series

AP63463



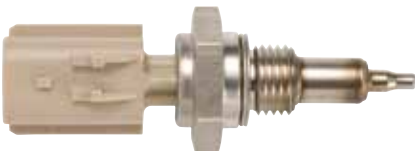
Intake Manifold Air Temperature (IAT) Sensor

OEM Part Numbers: 8C3Z12A697B, DY1112

Year Range:
2008–2010

Application:
F Series

AP63470



Exhaust Gas Recirculation (EGR) Temperature Sensor–Inlet

OEM Part Number: 8C3Z12B591A

Year Range:
2008–2010

Application:
F Series

AP63471



Exhaust Gas Recirculation (EGR) Temperature Sensor–Outlet

OEM Part Number: 8C3Z12B591E

Year Range:
2008–2010

Application:
F–250 / F–550

6.4L POWER STROKE

continued **Sensors**

Diesel Particulate Filter Pressure (DPFP) Sensor

OEM Part Numbers: 8C3Z9J460D, DPFE17

Year Range:
2008–2010

Application:
F–250 / F–550

AP63473



Mass Air Flow/Intake Manifold Air Temperature (MAF/IAT) Sensor*

OEM Part Numbers: 7C3Z12B579A, AFLS179

Year Range:
2008–2010

Application:
F–250 / F–550

AP63475



Manifold Absolute Pressure (MAP) Sensor

OEM Part Numbers: 8C349F479AA, 8C3Z9F479A, CX2161

Year Range:
2008–2010

Application:
F Series

AP63476



Transmission Fluid Temperature Sensor

OEM Part Number: 9C3Z7H141A

Year Range:
2008–2010

Application:
F Series

AP63497



Actuators

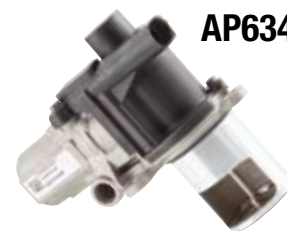
Exhaust Gas Recirculation (EGR) Valve

OEM Part Number: 8C3Z9D475D

Year Range:
2008–2010

Application:
F Series

AP63456



**Indicates products with a core charge.*

6.4L POWER STROKE

Electrical Harness and Repair

AP0021



3 Wire Pigtail

OEM Part Number: 5C3Z12224A

Notes: Fits AP63423 Exhaust Back Pressure (EBP) Sensor.

Year Range:
2008–2010

Application:
F Series

AP0056



2 Wire Pigtail

Notes: Fits AP63437 Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor.

Year Range:
2008–2010

Application:
F Series

EXCLUSIVE PARTS

AP0076



Engine Harness Connector Cover

Year Range:
2008–2010

Application:
F Series

EXCLUSIVE PARTS

AP63515



Injector Harness

OEM Part Number: 8C3Z9D930AA

Notes: Injector harness for the right side.

Year Range:
2008–2010

Application:
F–250 / F–550

AP63516



Injector Harness

OEM Part Number: 8C3Z9D930BA

Notes: Injector harness for the left side.

Year Range:
2008–2010

Application:
F–250 / F–550

Seal and Gasket Kits

AP0027



Injection Line and O-Ring Kit

OEM Part Number: 8C3Z9229A

Year Range:
2008–2010

Application:
F Series

6.4L POWER STROKE

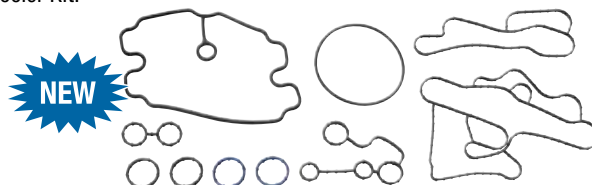
continued **Seal and Gasket Kits**

Engine Oil Cooler Installation Kit

EXCLUSIVEKITS AP0041

Notes: Installation kit only. If engine oil cooler is needed see AP63468 Engine Oil Cooler Kit.

Year Range: 2008–2010
Application: F–250 / F–550



Exhaust Gas Recirculation (EGR) Valve O–Ring

AP0042

OEM Part Number: 8C3Z9D476A

Year Range: 2008–2010
Application: F Series



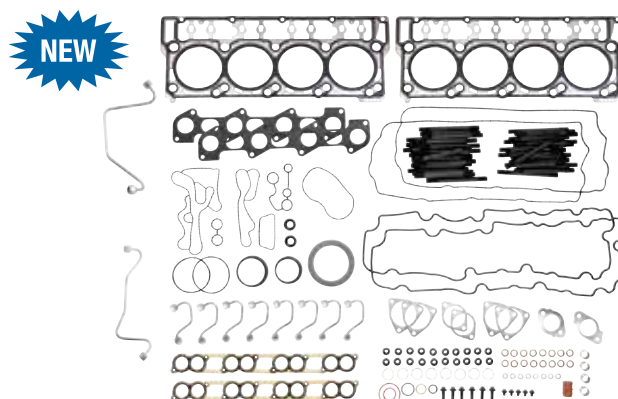
Head Gasket Kit with Studs** Head Gasket Kit without Studs

EXCLUSIVEKITS AP0064
AP0065

Year Range: 2008–2010
Application: F Series

Kit Contents:

- 2 Cylinder Head Gaskets
- 2 Exhaust Manifold Gaskets
- 2 Rocker Housing Gaskets
- 2 Valve Cover Gaskets
- 8 Injector Seal Kits with Injection Lines
- 1 Intake Exhaust Gas Recirculation (EGR) Gasket Kit
- 1 Turbo Gasket Kit
- 1 Oil Cooler Gasket Kit
- **Includes Head Stud Kit

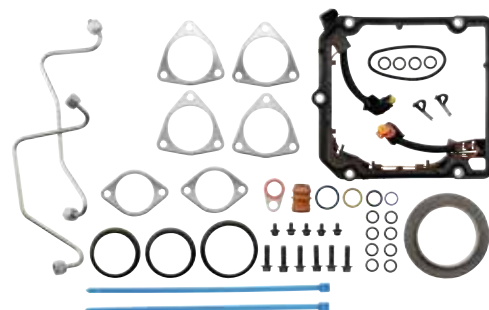


High–Pressure Fuel Pump (HPFP) Installation Kit

EXCLUSIVEKITS AP0071

Notes: Installation kit only. If pump is needed see AP63643 Remanufactured High–Pressure Fuel Pump (HPFP) Kit.

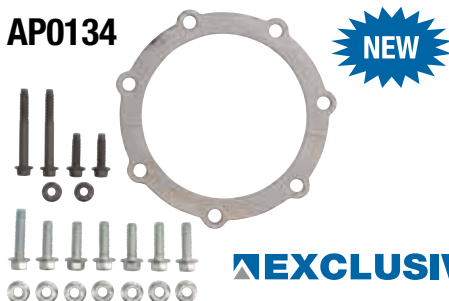
Year Range: 2008–2010
Application: F–250 / F–550



6.4L POWER STROKE

Seal and Gasket Kits continued

AP0134



Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC) Installation Kit

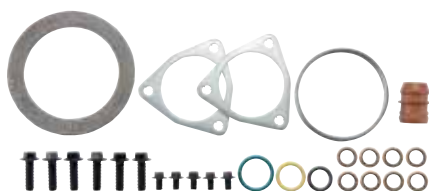
Notes: Installation kit only. If DPF is needed see AP70000 or AP70001 Diesel Particulate Filter (DPF).

Year Range:
2008–2010

Application:
F Series

EXCLUSIVE KITS

AP63482



Turbo Installation Kit

OEM Part Number: 8C3Z9T514C

Year Range:
2008–2010

Application:
F–250 / F–550

Engine Accessories

AP63499



Fan Clutch

OEM Part Numbers: 7C3Z8A616F, YB3125

Notes: Without snow plow package.

Year Range:
2008–2010

Application:
F–250 / F–550

AP63518



Fan Clutch

OEM Part Numbers: 8C3Z8A616S, YB3126

Notes: With snow plow package.

Year Range:
2008–2010

Application:
F–250 / F–550

AP63517



Belt Tensioner

OEM Part Numbers: 7C3Z6B209B, BT91

Notes: Accessory belt tensioner.

Year Range:
2008–2010

Application:
F–250 / F–550

AP63519



Belt Tensioner

OEM Part Numbers: 7C3Z6B209E, BT122

Notes: Primary belt tensioner.

Year Range:
2008–2010

Application:
F–250 / F–550

6.4L POWER STROKE

continued **Engine Accessories**

Starter

OEM Part Numbers: 7C3Z11002AA, SA965

Year Range:
2008–2010

Application:
F Series



AP83007

Filters

Horizontal Fuel Conditioning Module (HFCM)

OEM Part Numbers: 8C3Z9G282A, PFB95

Year Range:
2008–2010

Application:
F–250 / F–550



AP63450

Replacement Fuel Pump

OEM Part Number: 8C3Z9G282A

Notes: Does not include housing.

Year Range:
2008–2010

Application:
F–250 / F–550



PFP58529

Fuel Filter Element Service Kit

OEM Part Numbers: FD4609, FD4617, PFF5550

Notes: Primary and secondary.

Year Range:
2008–2010

Application:
F–250 / F–550



PFF4617

Oil Filter Element Service Kit

OEM Part Number: FL2016

Year Range:
2008–2010

Application:
F Series



PFL2016

Oil Filter Cap

OEM Part Number: 3C3Z6766CA

Year Range:
2008–2010

Application:
F Series



RK31821

6.7L POWER STROKE

Modules

AP63525



Glow Plug Control Unit

OEM Part Numbers: BC3Z12B533A / B, DY1261, DY1297, DY1350

Year Range:
2011–2017

Application:
F Series

Fuel System Components

AP63527



Fuel Transfer Pump

OEM Part Numbers: BC3Z9G282E, PFB103

Notes: Engines built BEFORE 05/26/2015.

Year Range:
2012–2015

Application:
F Series

Engine Components

AP63540



Thermostat

OEM Part Numbers: BC3Z8575A / D, RT1205, RT1231

Notes: Main engine thermostat.

Year Range:
2011–2016

Application:
F Series

AP63541



Thermostat

OEM Part Numbers: BC3Z8575B, RT1206

Notes: High temperature right side thermostat.

Year Range:
2011–2016

Application:
F Series

AP63542



Thermostat

OEM Part Numbers: BC3Z8575C, RT1207

Notes: Low temperature left side thermostat.

Year Range:
2011–2016

Application:
F Series

6.7L POWER STROKE

continued **Engine Components**

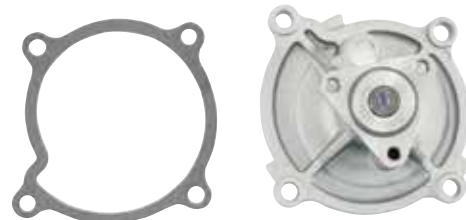
Water Pump

OEM Part Numbers: BC3Z8501B / C, PW503 / 4

Notes: Water pump only. Fits secondary water pump housing for single or dual alternator.

Year Range:
2011–2017

Application:
F Series



AP63505

Water Pump

OEM Part Numbers: BC3Z8501A, PW502

Notes: Primary water pump.

Year Range:
2011–2016

Application:
F Series



AP63507

Sensors

Ambient Air Temperature (AAT) Sensor

OEM Part Numbers: AU5Z12A647B, DY1160

Year Range:
2011–2016

Application:
F Series



AP63545

Camshaft Position (CMP) Sensor

OEM Part Numbers: BC3Z12K073A, DU92

Year Range:
2011–2017

Application:
F Series



AP63535

6.7L POWER STROKE

Sensors continued

AP63534



Crankshaft Position (CKP) Sensor

OEM Part Numbers: BC3Z6C315A, DY1148

Year Range:
2011–2017

Application:
F Series

AP63528



Diesel Particulate Filter Pressure (DPFP) Sensor

OEM Part Numbers: DC3Z9J460D, DPFE24

Year Range:
2013–2016

Application:
F Series

AP63539



Engine Oil Pressure (EOP) Sensor

OEM Part Numbers: 6U5Z9278D, SW6357

Year Range:
2011–2016

Application:
F Series

AP63526



Exhaust Back Pressure (EBP) Sensor

OEM Part Numbers: BC3Z9J460B / E, DPFE22

Notes: Narrow frame chassis, located in the Diesel Particulate Filter (DPF).

Year Range:
2011–2015

Application:
F–350 / F–550

AP63537



Exhaust Back Pressure/Diesel Particulate Filter Pressure (EBP/DPFP) Sensor

OEM Part Numbers: BC3Z9J460D, DPFE21

Notes: Wide frame chassis, located in the Diesel Particulate Filter (DPF).

Year Range:
2011–2016

Application:
F Series

6.7L POWER STROKE

continued **Sensors**

Exhaust Gas Recirculation (EGR) Pressure Sensor

OEM Part Numbers: BC3Z9J460C, DPFE20

Year Range:
2011–2017

Application:
F Series



AP63529

Intake Air/Charge Air Cooler Temperature (IAT/CACT) Sensor

OEM Part Numbers: 4R8Z12A697A, DY1146

Year Range:
2011–2017

Application:
F Series



AP63544

Manifold Absolute Pressure (MAP) Sensor

OEM Part Numbers: BC3Z9F479B, CX2432

Year Range:
2011–2017

Application:
F Series



AP63543

Mass Air Flow (MAF) Sensor*

OEM Part Numbers: BC3Z12B579A, AFLS166

Year Range:
2011–2016

Application:
F Series



AP63524

Reductant Fluid Level Sensor

OEM Part Number: BC3Z5J225L

Year Range:
2011–2016

Application:
F–250 / F–550



AP63521

Transmission Fluid Temperature Sensor

OEM Part Number: BC3Z7H141A

Year Range:
2011–2015

Application:
F Series



AP63497

**Indicates products with a core charge.*

6.7L POWER STROKE

Actuators

AP63522



Exhaust Gas Recirculation (EGR) Valve

OEM Part Numbers: BC3Z9D475C, CX2404

Notes: Used on narrow frame cab chassis models.

Year Range:
2011–2016

Application:
F–350 / F–550

AP63523



Exhaust Gas Recirculation (EGR) Valve

OEM Part Numbers: BC3Z9D475D, CX2405

Notes: Used on wide frame pickup chassis models.

Year Range:
2011–2016

Application:
F–250 / F–350

AP91000



Turbocharger Vane Actuator

OEM Part Numbers: 5C3Z6F089A / BA, 792593–0001

Year Range:
2011–2017

Application:
F Series

Electrical Harness and Repair

AP0068



2 Wire Pigtail

Notes: Fits AP91000 Turbocharger Vane Actuator.

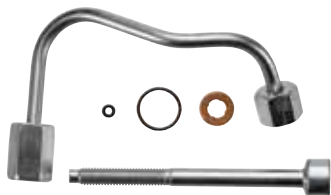
Year Range:
2011–2017

Application:
F–250 / F–550

EXCLUSIVE PARTS

Seal and Gasket Kits

AP0087



Injection Line and O–Ring Kit

OEM Part Numbers: BC3Z9229A, CM5191

Notes: For cylinders 1, 2, 7, 8.

Year Range:
2011–2017

Application:
F Series

6.7L POWER STROKE

continued **Seal and Gasket Kits**

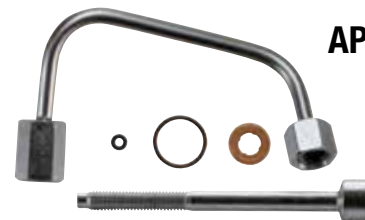
Injection Line and O-Ring Kit

OEM Part Numbers: BC3Z9229B, CM5192

Notes: For cylinders 3, 4, 5, 6.

Year Range:
2011–2017

Application:
F Series



AP0088

Head Gasket Kit with Studs** Head Gasket Kit without Studs

Year Range:
2011–2014

Application:
F Series

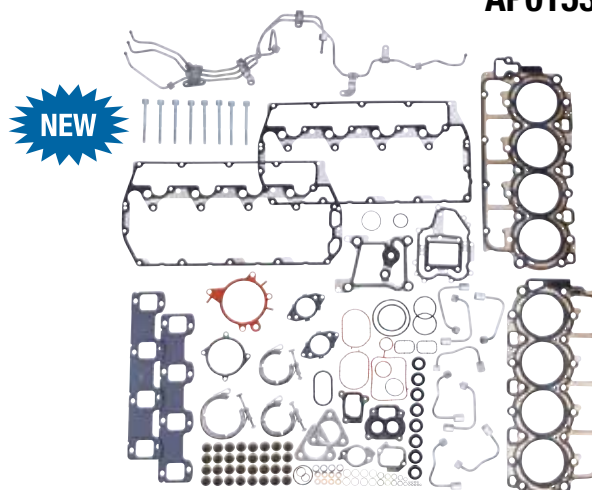
Kit Contents:

- 2 Cylinder Head Gaskets
- 2 Exhaust Manifold Gaskets
- 2 Valve Cover Gaskets
- 8 Injection Line and O-Ring Kits
- 1 Turbo Mounting Kit
- 1 Fuel Rail Supply Tube
- **Includes Head Stud Kit



EXCLUSIVEKITS

**AP0152
AP0153**



Turbocharger Installation Kit

Year Range:
2011–2014

Application:
F Series

EXCLUSIVEKITS

AP0156



**Indicates products with a core charge.*

6.7L POWER STROKE

Seal and Gasket Kits continued

AP0157



Fuel Injection Pump Installation Kit

Year Range:
2011–2014

Application:
F Series

EXCLUSIVE KITS

Engine Accessories

AP83009



Alternator*

OEM Part Numbers: BC3Z10346A / D, GL8754, GL992

Notes: Bottom alternator on dual alternator chassis.

Year Range:
2011–2016

Application:
F Series

AP83010



Alternator*

OEM Part Numbers: BC3Z10346B, GL993

Notes: Single alternator chassis.

Year Range:
2011–2016

Application:
F Series

AP83011



Alternator*

OEM Part Numbers: BC3Z10346C, GL994

Notes: Top alternator on dual alternator chassis.

Year Range:
2011–2016

Application:
F Series

AP63538



Belt Tensioner

OEM Part Numbers: BC3Z6B209A / B, BT131

Year Range:
2011–2017

Application:
F Series

**Indicates products with a core charge.*

6.7L POWER STROKE

continue **Engine Accessories**

Vacuum Pump

OEM Part Numbers: BC3Z2A451A / B, BRPV-8 / 22

Year Range:
2011–2016

Application:
F Series

AP63725



Starter*

OEM Part Numbers: BC3Z11002A, SA1004

Year Range:
2011–2017

Application:
F Series

AP83008



Filters

Fuel Filter Element Service Kit

OEM Part Numbers: BC3Z9N184B, FD4615

Notes: Primary and secondary.

Year Range:
2011–2016

Application:
F-250 / F-550

AP61004



NAVISTAR



1



NEW YORK



New OEM HEUI® injectors available exclusively through Alliant Power

- Brand new original equipment HEUI® injectors
- Complete 1994 to 2003 Navistar mid-range coverage
- Available exclusively through Alliant Power
- 13-month, unlimited mileage warranty in Navistar applications



T444E

Injectors

HEUI Injector*

OEM Part Numbers: 1816187C3, 1818259C2, 1821752C1, 1821836C3, 1822800C95, 1822801C91

Year Range:
1994-1996

Application:
T444E

ESN Range:
500 to 460,194

HEUI Injector*

OEM Part Numbers: 1822803C1, 1823561C1, 1824582C94, 1824583C97, 1825125C1, 1825126C1, 1833647C91

Notes: Prime (Split Shot) Injector.

Year Range:
1997-1999

Application:
T444E

ESN Range:
460,195 to 843,989

HEUI Injector*

OEM Part Numbers: 1824474C2, 1822890C1, 1824472C1, 1824473C2, 1824455C94, 1824456C96

Year Range:
1994-1996

Application:
T444E: High Output 210 HP (HT) to 230 HP

HEUI Injector*

OEM Part Numbers: 1823751C91, 1831487C92, 1831488C1, 1831489C1, 1831550C1, 1831551C1

Notes: Prime (Split Shot) Injector. Recommend replacing AD Injector in #8 cylinder location with AE Injector to eliminate "cackle". This became standard production in 2002.

Year Range:
1999-2003

Application:
T444E

ESN Range:
843,990 to 5,999,999

HEUI Injector*

OEM Part Numbers: 1833639C1, 1833640C1, 1833644C1, 1833645C1, 1833646C92

Notes: Long Lead (LL or blue harness connector) Injector. Used in #8 cylinder location to eliminate "cackle."

Year Range:
2002-2003

Application:
T444E

ESN Range:
1,313,828 to 5,999,999



AP63800AA



AP63801AB

AP63802AC

AP63803AD

AP63804AE

EXCLUSIVE PARTS

* Indicates products with a core charge.

T444E

Fuel System Components

APM61067



Fuel Transfer Pump–Mechanical

OEM Part Numbers: 1824415C93, 1826794C93

Notes: Includes two banjo gaskets.

Year Range:
1994-2003

Application:
T444E

AP63409



Fuel Filter Heater Element

OEM Part Number: 1825186C91

Year Range:
1994-1998

Application:
T444E

AP63410



Fuel Filter Heater Element

OEM Part Number: 1831196C92

Year Range:
1999-2003

Application:
T444E

Engine Components

AP63411



HEUI Injector Sleeve–Brass

OEM Part Number: 1814376C1

Year Range:
1994-2003

Application:
T444E

AP63452



Engine Oil Cooler

OEM Part Number: 1815904C2

Notes: Requires AP0004 Engine Oil Cooler O-ring and Gasket Kit for installation.

Year Range:
1994-2003

Application:
T444E

AP63581



Water Pump

OEM Part Numbers: 1831676C92, 1889249C91

Notes: Includes mounting gasket and plugs.

Year Range:
1994-2003

Application:
T444E

Remanufactured High-Pressure Oil Pump

OEM Part Numbers: 1825247C91, 1825260C91, 1825271C93, 2503701C91

Notes: Includes mounting gasket.

Year Range:
See ESN

Application:
T444E

ESN Range:
500 to 216,543

HP004X



HP005X



Remanufactured High-Pressure Oil Pump

OEM Part Numbers: 1825248C91, 1825259C91, 2503703C91

Notes: Includes mounting gasket.

Year Range:
See ESN

Application:
T444E

ESN Range:
216,544 to 661,894

Remanufactured High-Pressure Oil Pump

OEM Part Numbers: 1830857C91, 2503704C91

Notes: Includes mounting gasket.

Year Range:
See ESN

Application:
T444E

ESN Range:
661,895 to 843,989

HP007X



HP008X



Remanufactured High-Pressure Oil Pump

OEM Part Numbers: 1831449C91, 2589446C91

Notes: Includes mounting gasket.

Year Range:
See ESN

Application:
T444E

ESN Range:
843,990 to End

Sensors

Camshaft Position (CMP) Sensor

OEM Part Number: 1876736C91

Year Range:
1994-1996

Application:
T444E

AP63491



T444E

Sensors continued

AP63400



Camshaft Position (CMP) Sensor

OEM Part Numbers: 1825899C93, 1876735C91

Year Range:
1997-2003

Application:
T444E

AP63403



Exhaust Back Pressure (EBP) Sensor

OEM Part Number: 1850353C1

Year Range:
1997-2002

Application:
T444E

AP63418



Injection Control Pressure (ICP) Sensor

OEM Part Number: 1807329C92

Year Range:
1994-2003

Application:
T444E

Actuators

AP63401



Injection Pressure Regulator (IPR) Valve

OEM Part Numbers: 1824982C91, 1833798C91, 1841279C91

Notes: With edge filter.

Year Range:
See ESN

Application:
T444E

ESN Range:
500 to 216,543

AP63402



Injection Pressure Regulator (IPR) Valve

OEM Part Numbers: 1829856C91, 1836412C91, 1841086C91, 1841217C91

Notes: Without edge filter.

Year Range:
See ESN

Application:
T444E

ESN Range:
216,544 to End

AP63405



Glow Plug Relay

OEM Part Numbers: 1826634C94, 1831646C1

Year Range:
1994-2003

Application:
T444E

Electrical Harness and Repair

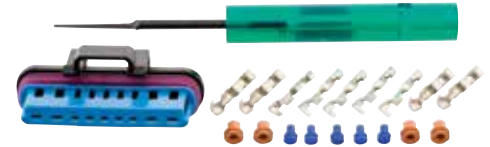
Valve Cover Harness Connector Repair Kit

Notes: Repairs AP0016 Valve Cover Gasket Connector Pigtail.

Year Range:
1998-2003

Application:
T444E

EXCLUSIVEKITS AP0009



Valve Cover Harness Connector Repair Kit

Notes: Repairs AP0015 Valve Cover Gasket Connector Pigtail.

Year Range:
1994-1997

Application:
T444E

EXCLUSIVEKITS AP0010



Valve Cover Gasket Connector Pigtail

Year Range:
1994-1997

Application:
T444E

EXCLUSIVEPARTS

AP0015



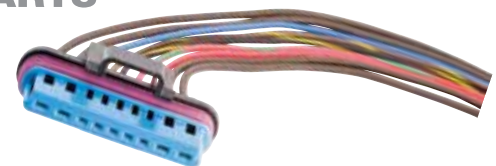
Valve Cover Gasket Connector Pigtail

Year Range:
1998-2003

Application:
T444E

EXCLUSIVEPARTS

AP0016



3 Wire Pigtail

Notes: Fits AP63418 Injection Control Pressure (ICP) Sensor and AP63403 Exhaust Back Pressure (EBP) Sensor.

Year Range:
1994-2003

Application:
T444E

AP0021



2 Wire Pigtail

Notes: Fits AP63401 and AP63402 Injection Pressure Regulator (IPR) Valves and all HEUI A Injectors.

Year Range:
1994-2003

Application:
T444E

AP0068

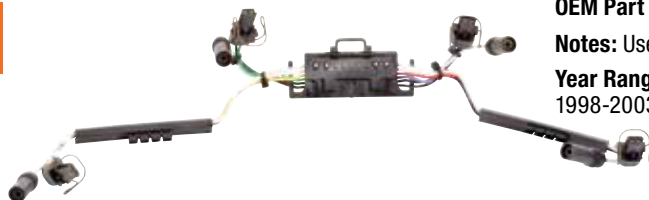


EXCLUSIVEPARTS

T444E

Electrical Harness and Repair continued

AP63413



Internal Injector Harness

OEM Part Number: 1830844C93

Notes: Use with AP0014 Valve Cover Gasket Kit.

Year Range:
1998-2003

Application:
T444E

AP63414



Internal Injector Harness

OEM Part Number: 1815923C92

Notes: Use with AP0013 Valve Cover Gasket Kit.

Year Range:
1994-1997

Application:
T444E

Seal and Gasket Kits

AP0001



HEUI Injector Seal Kit

OEM Part Number: 1833564C92

Year Range:
1994-2003

Application:
T444E

AP0003



Injection Pressure Regulator (IPR) Valve Seal Kit

OEM Part Number: 1825806C91

Year Range:
1994-2003

Application:
T444E

AP0004 **▲EXCLUSIVEKITS**



Engine Oil Cooler O-ring and Gasket Kit

Year Range:
1994-2003

Application:
T444E

AP0011 **▲EXCLUSIVEKITS**



High-Pressure Oil Pump Seal Kit

Year Range:
1994-2003

Application:
T444E

T444E

continued Seal and Gasket Kits

Valve Cover Gasket Kit

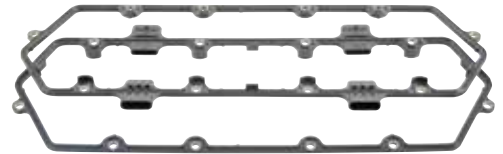
OEM Part Number: 1818350C2

Notes: Use with AP63414 Internal Injector Harness. Package of two.

Year Range:
1994-1997

Application:
T444E

AP0013



Valve Cover Gasket Kit

OEM Part Number: 1826703C1

Notes: Use with AP63413 Internal Injector Harness. Package of two.

Year Range:
1998-2003

Application:
T444E

AP0014



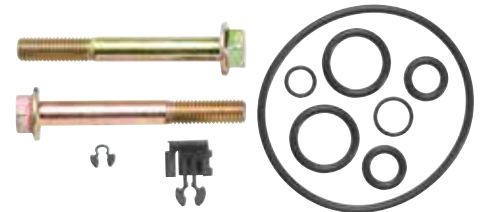
Turbo Installation Kit

OEM Part Number: 1831658C91

Year Range:
1999-2003

Application:
T444E

AP63461



Filters

Fuel Filter Element Service Kit

OEM Part Number: 1822631C91

Year Range:
1994-2003

Application:
T444E

PFF4595



Fuel Filter Top Cover

Year Range:
1994-2003

Application:
T444E

RK31019





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NEW

Injector Coils



NEW

Connector



NEW

Spool Valve

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 - 100% new spool valve and connector
 - 13-month, unlimited mileage warranty in Navistar applications
- Brand new injectors also available



VT365, VT275, MAXXFORCE 5

Injectors

PPT Remanufactured G2.8 Injector*

PPT New G2.8 Injector*

OEM Part Numbers: 1843089C95, 1843481C95, 1845879C91, 1878281C92, 1878282C92, 6918-PP

Year Range: 2002½-2003
Application: VT365

PPT Remanufactured G2.8 Injector*

PPT New G2.8 Injector*

OEM Part Numbers: 1844751C2, 1845150C92, 1846692C2, 1877748C1, 1878284C91, 1878285C91, 1879998C91, 6919-PP

Year Range: 2004-2006
2006
2007-2010
Application: VT365
VT275
MaxxForce 5



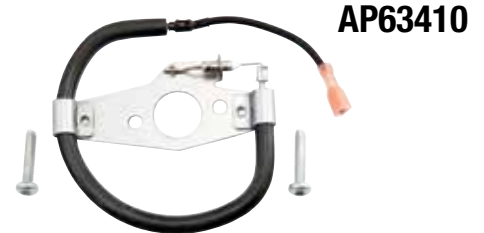
purePOWER
TECHNOLOGIES

Fuel System Components

Fuel Filter Heater Element

OEM Part Number: 1831196C92

Year Range: 2003-2007
Application: VT365



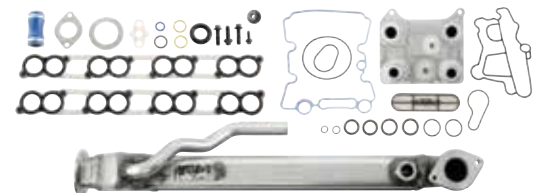
Engine Components

Oil Cooler/Exhaust Gas Recirculation (EGR) Cooler Kit*

Notes: Includes AP63451 Engine Oil Cooler Kit and AP63446 Exhaust Gas Recirculation (EGR) Cooler Kit. Core is required only on the Exhaust Gas Recirculation (EGR) Cooler.

Year Range: 2004-2007
Application: VT365

EXCLUSIVE KITS AP63445

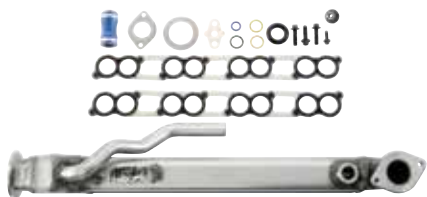


*Indicates products with a core charge.

VT365, VT275, MAXXFORCE 5

Engine Components continued

AP63446 **EXCLUSIVE KITS**



Exhaust Gas Recirculation (EGR) Cooler Kit*

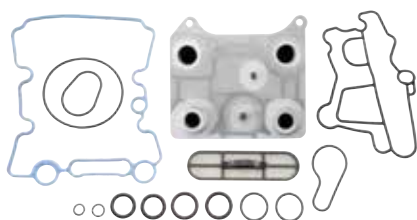
OEM Part Number: 1845145C99

Notes: Includes AP63447 Exhaust Gas Recirculation (EGR) Cooler Intake Gasket Kit.

Year Range:
2004-2007

Application:
VT365

AP63451



Engine Oil Cooler Kit

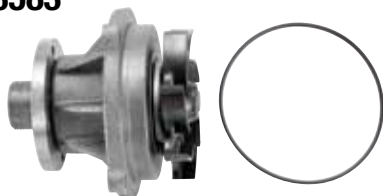
OEM Part Number: 1886511C93

Notes: Includes AP0039 Engine Oil Cooler Gasket Kit.

Year Range:
2003-2007
2006
2007-2010

Application:
VT365
VT275
MaxxForce 5

AP63583



Water Pump

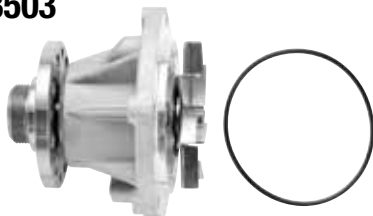
OEM Part Number: 1845002C91

Notes: Includes mounting gasket.

Year Range:
2002-2007

Application:
VT365

AP63503



Water Pump

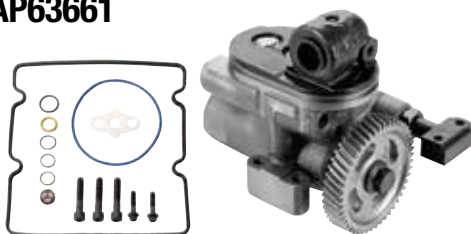
OEM Part Number: 5010118R91

Notes: Includes mounting gasket.

Year Range:
2006
2007-2010

Application:
VT275
MaxxForce 5

AP63661



Remanufactured High-Pressure Oil Pump*

OEM Part Numbers: 1882919C92, 1878865C91, 1842410C91, 1847084C91

Notes: Includes seal kit.

Year Range:
2004½-2007

Application:
VT365

VT365, VT275, MAXXFORCE 5

continued **Engine Components**

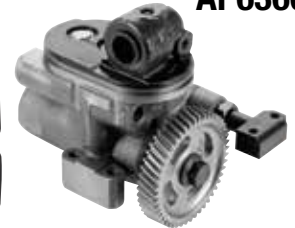
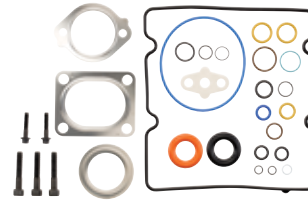
Remanufactured High-Pressure Oil Pump*

OEM Part Numbers: 4307325R91, 1884357C92

Notes: Includes seal kit.

Year Range:
2006

Application:
VT275



AP63662

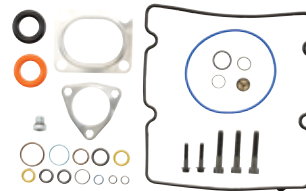
Remanufactured High-Pressure Oil Pump*

OEM Part Numbers: 4307327R91, 1880313C94

Notes: Includes seal kit.

Year Range:
2007-2010

Application:
MaxxForce 5



AP63663

Remanufactured High-Pressure Oil Pump

OEM Part Number: 1838828C91, 1843045C92, 2591022C91

Notes: Includes seal kit.

Year Range:
2002-2004

Application:
VT365



HP032X

PPT Remanufactured Turbocharger*

OEM Part Numbers: 1856152C91, 5010448R91, 734852-5009, 734852-9009

Year Range:
2004-2007

Application:
VT365

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TECHNOLOGIES



AP90003

**Available
Early 2018**

Sensors

Engine Speed/Position Sensor

OEM Part Number: 1828345C91

Notes: Crankshaft Speed/Position.

Year Range:
2003-2007
2006
2007-2010

Application:
VT365
VT275
MaxxForce 5



AP63412

*Indicates products with a core charge.

VT365, VT275, MAXXFORCE 5

Sensors continued

AP63415



Engine Speed/Position Sensor

OEM Part Number: 1835985C92

Notes: Camshaft Speed/Position.

Year Range:

2003-2007

2006

2007-2010

Application:

VT365

VT275

MaxxForce 5

AP63435



Engine Oil Pressure (EOP) Sensor

OEM Part Number: 1831259C91

Year Range:

2006

2007-2010

Application:

VT275

MaxxForce 5

AP63474



Engine Oil Pressure (EOP) Sensor

OEM Part Numbers: 1839415C91, 1837802C1, 1839832C1, 1872556C91

Notes: AP0021 3 Wire Pigtail can be used to repair the harness connector.

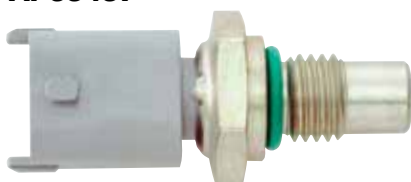
Year Range:

2004-2007

Application:

VT365

AP63437



Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor

OEM Part Number: 1836537C91

Year Range:

2003-2007

2006

2007-2010

Application:

VT365

VT275

MaxxForce 5

AP63403



Exhaust Back Pressure (EBP) Sensor

OEM Part Number: 1850353C1

Year Range:

2003-2004

Application:

VT365

AP63408



Exhaust Back Pressure (EBP) Sensor

OEM Part Number: 1850352C2

Year Range:

2005-2007

Application:

VT365

VT365, VT275, MAXXFORCE 5

continued **Sensors**

Exhaust Back Pressure (EBP) Sensor

OEM Part Number: 1846480C2

Year Range:
2007-2010

Application:
MaxxForce 5

AP63423



Injection Control Pressure (ICP) Sensor

OEM Part Number: 1845274C92

Notes: Mounts below turbo.

Year Range:
2003-2004

Application:
VT365

AP63407



Injection Control Pressure (ICP) Sensor

OEM Part Numbers: 1845428C92, 1845427C2

Notes: Mounts on passenger side valve cover.

Year Range:
2004-2007
2006
2007-2010

Application:
VT365
VT275
MaxxForce 5

AP63460



Intake Manifold Air Temperature (IAT) Sensor

OEM Part Number: 1836539C91

Year Range:
2003-2007
2006

Application:
VT365
VT275

AP63462



Intake Manifold Air Temperature (IAT) Sensor

OEM Part Number: 1875838C91

Year Range:
2007-2010

Application:
MaxxForce 5

AP63463



Manifold Absolute Pressure (MAP) Sensor

OEM Part Number: 1846481C92

Year Range:
2007-2010

Application:
MaxxForce 5

AP63476



VT365, VT275, MAXXFORCE 5

Actuators

AP63416



Injection Pressure Regulator (IPR) Valve

OEM Part Number: 1839437C95

Notes: Without edge filter.

Year Range:
2003-2004

Application:
VT365

AP63417



Injection Pressure Regulator (IPR) Valve

OEM Part Number: 1846057C1

Notes: With edge filter.

Year Range:
2005-2007
2006
2007-2010

Application:
VT365
VT275
MaxxForce 5

AP63438R



Remanufactured Exhaust Gas Recirculation (EGR) Valve*

OEM Part Number: 1846491C91, 5010682R91

Year Range:
2002½-2003

Application:
VT365

AP63459



Exhaust Gas Recirculation (EGR) Valve

OEM Part Number: 1846296C91

Year Range:
2004-2006

Application:
VT365

AP63479



Glow Plug Relay

OEM Part Number: 1840903C91

Year Range:
2003-2007
2006

Application:
VT365
VT275

*Indicates products with a core charge.

VT365, VT275, MAXXFORCE 5

Electrical Harness and Repair

3 Wire Pigtail

AP0021

Notes: Fits AP63407 and AP63460 Injection Control Pressure (ICP) Sensors, AP63403, AP63408, and AP63423 Exhaust Back Pressure (EBP) Sensors, AP63474 Engine Oil Pressure (EOP) Sensor, as well as AP63476 Manifold Absolute Pressure (MAP) Sensor.

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5



2 Wire Pigtail

EXCLUSIVE PARTS AP0056

Notes: Fits AP63437 Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor and AP63462 Intake Manifold Air Temperature (IAT) Sensor.

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5



Injector Harness Connector

EXCLUSIVE PARTS AP0030

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5



G2.8 Injector Connector

EXCLUSIVE PARTS AP0040

Notes: See Technical Bulletin APTB 03/14 for installation instructions.

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5

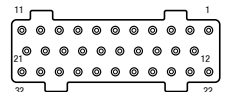


Fuel Injection Control Module (FICM) Connector

EXCLUSIVE PARTS AP0018

Notes: Field data shows identification marks 1456315-6, 1437287-7, or X-3.

Year Range:	Application:
2003-2007	VT365
2006	VT275

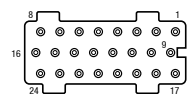


Fuel Injection Control Module (FICM) Connector

EXCLUSIVE PARTS AP0019

Notes: Field data shows identification marks 1456315-2, 1437287-6, or X-2.

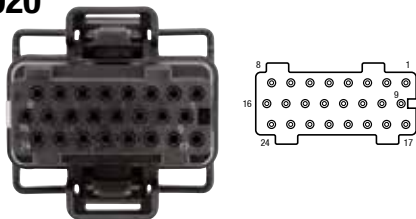
Year Range:	Application:
2003-2007	VT365
2006	VT275



VT365, VT275, MAXXFORCE 5

Electrical Harness and Repair continued

AP0020



Fuel Injection Control Module (FICM) Connector

Notes: Field data shows identification marks 1456316-1, 1437287-5, or X-1.

Year Range:
2003-2007
2006

Application:
VT365
VT275

EXCLUSIVE PARTS

AP0068



2 Wire Pigtail

Notes: Fits AP63416 and AP63417 Injection Pressure Regulator (IPR) Valves and AP91000 Turbocharger Vane Actuator.

Year Range:
2003-2007
2006
2007-2010

Application:
VT365
VT275
MaxxForce 5

Seal and Gasket Kits

AP0002

EXCLUSIVE KITS

G2.8 Injector Seal Kit

OEM Part Number: 1843682C91

Notes: Includes high-pressure oil seal.

Year Range:
2002½-2007
2006
2007-2010

Application:
VT365
VT275
MaxxForce 5



AP0005

Exhaust Gas Recirculation (EGR) Valve O-ring Kit

OEM Part Number: 1840778C91

Year Range:
2003-2004

Application:
VT365



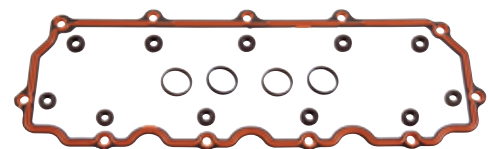
AP0023

Valve Cover Gasket

OEM Part Number: 1838250C1

Year Range:
2003-2007

Application:
VT365



VT365, VT275, MAXXFORCE 5

continued **Seal and Gasket Kits**

Stand Pipe and Front Port Plug Seal Kit

Notes: Reseals one side.

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5

EXCLUSIVEKITS AP0028



Injection Pressure Regulator (IPR) Valve Seal Kit

OEM Part Number: 1888696C93

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5

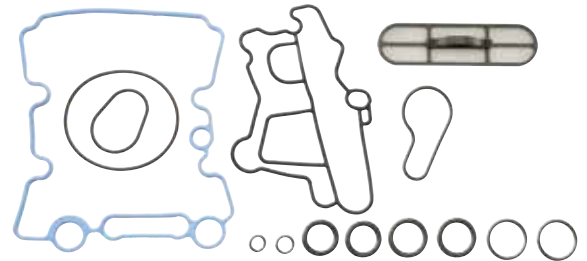
AP0035



Engine Oil Cooler Gasket Kit

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5

EXCLUSIVEKITS AP0039



Exhaust Gas Recirculation (EGR) Valve Seal Kit

OEM Part Number: 1858088C92

Year Range:	Application:
2004-2006	VT365

AP0057



High-Pressure Oil Rail Seal Kit

Notes: AP0069 High-Pressure Oil Rail Socket required for installation.

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5

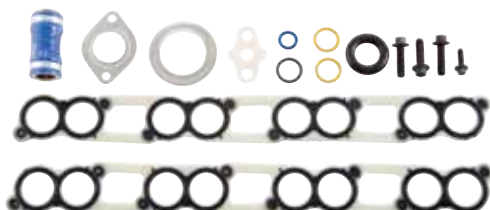
EXCLUSIVEKITS AP0070



VT365, VT275, MAXXFORCE 5

Seal and Gasket Kits continued

AP63447 **EXCLUSIVEKITS** Exhaust Gas Recirculation (EGR) Cooler Intake Gasket Kit



OEM Part Number: 1840702C97

Year Range:
2003-2007

Application:
VT365

AP63481



Turbo Installation Kit

OEM Part Number: 1840053C97

Year Range:
2004-2007

Application:
VT365

Filters

PFF31795



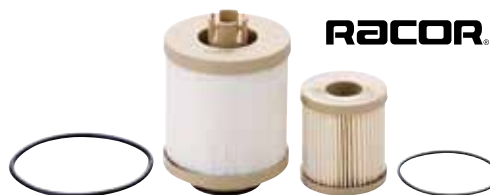
Fuel Filter Housing Cap

OEM Part Number: 1843057C92

Year Range:
2006
2007-2010

Application:
VT275
MaxxForce 5

PFF4616



Fuel Filter Element Service Kit

Notes: Primary and secondary.

Year Range:
2006
2007-2010

Application:
VT275
MaxxForce 5

PFL2016



Oil Filter Element Service Kit

Year Range:
2003-2007

Application:
VT365

VT365, VT275, MAXXFORCE 5

continued **Filters**

Oil Filter Cap

OEM Part Number: 1840754C91

Year Range:	Application:
2003-2007	VT365
2006	VT275
2007-2010	MaxxForce 5

RK31821



Fuel Filter Element Service Kit

Year Range:	Application:
2003-2007	VT365

PFF4596

RACOR



Fuel Filter Top Cover

Year Range:	Application:
2003-2007	VT365

RK31449

RACOR



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- Brand new injectors also available



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Injectors

PPT Remanufactured Piezo Injector* PPT New Piezo Injector*

OEM Part Numbers: 1873422C93, 4307381R91, 4307369R91, 5010359R93, 6920-PP

Notes: Pre-2010 emission engines. Includes injection line.

Year Range:	Application:	ESN Range:
2007-2010	MaxxForce 7	434,544 to 5,300,001

PPT Remanufactured Piezo Injector* PPT New Piezo Injector*

OEM Part Numbers: 1883110C1, 1883111C92, 1899239C92, 6921-PP

Notes: Post 2010 emission engines. Includes injection line.

Year Range:	Application:	ESN Range:
2010-2014	MaxxForce 7	5,300,002 to End



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TECHNOLOGIES

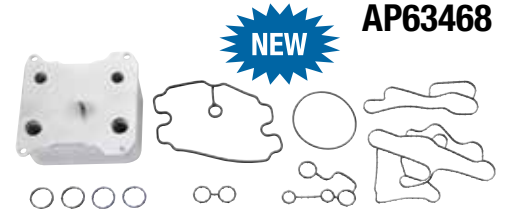
Engine Components

Engine Oil Cooler Kit

OEM Part Number: 1855839C95

Notes: Includes engine oil cooler and installation kit.

Year Range:	Application:
2007-2010	MaxxForce 7



*Indicates products with a core charge.

MAXXFORCE 7

Engine Components continued

AP63644



Remanufactured High-Pressure Fuel Pump (HPFP) Kit*

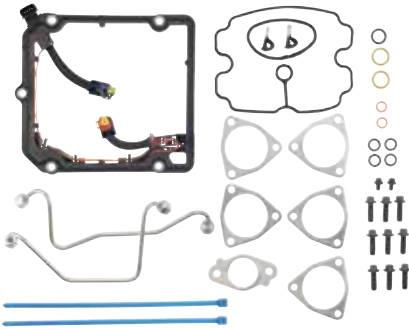
OEM Part Numbers: 4307291R91, 1876529C98, 1855860C94

Notes: Pre-2010 emission engines. Includes pump and installation kit. See Technical Bulletin APTB 09/16 for connector spacer removal and zip tie installation.

Year Range:
2007-2010

Application:
MaxxForce 7

EXCLUSIVEKITS



AP63642



Remanufactured High-Pressure Fuel Pump (HPFP) Kit*

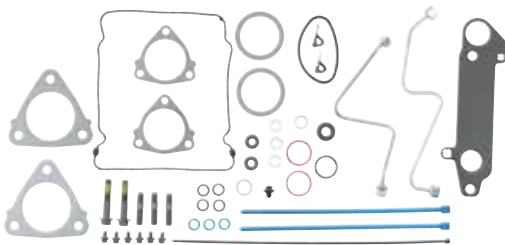
OEM Part Number: 7080839C92

Notes: Post 2010 emission engines. Includes pump and installation kit. See Technical Bulletin APTB 09/16 for connector spacer removal and zip tie installation.

Year Range:
2010-2014

Application:
MaxxForce 7

EXCLUSIVEKITS



AP63480



Fuel Supply Hose

OEM Part Number: 7081021C1

Notes: Install on engines built BEFORE 04/06/2011.

Year Range:
2010-2014

Application:
MaxxForce 7

* Indicates products with a core charge.

MAXXFORCE 7

Sensors

Engine Speed/Position Sensor

OEM Part Number: 1828345C91

Notes: Crankshaft Speed/Position.

Year Range:
2007-2014

Application:
MaxxForce 7



AP63412

Engine Speed/Position Sensor

OEM Part Number: 1835985C92

Notes: Camshaft Speed/Position.

Year Range:
2007-2014

Application:
MaxxForce 7



AP63415

Fuel Rail Pressure Sensor

OEM Part Number: 1873400C92

Year Range:
2007-2014

Application:
MaxxForce 7



AP63422

Exhaust Back Pressure (EBP) Sensor

OEM Part Numbers: 1846480C2, 1847913C91

Year Range:
2007-2010

Application:
MaxxForce 7



AP63423

Engine Oil Pressure (EOP) Sensor

OEM Part Numbers: 1839415C91, 1837802C1, 1839832C1, 1872556C91

Notes: AP0021 3 Wire Pigtail can be used to repair the harness connector.

Year Range:
2007-2013

Application:
MaxxForce 7



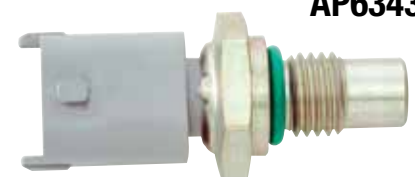
AP63474

Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor

OEM Part Number: 1836537C91

Year Range:
2007-2014

Application:
MaxxForce 7



AP63437

Intake Manifold Air Temperature (IAT) Sensor

OEM Part Number: 1875838C91

Year Range:
2007-2009

Application:
MaxxForce 7

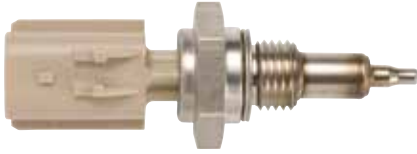


AP63463

MAXXFORCE 7

Sensors continued

AP63470



Exhaust Gas Recirculation (EGR) Temperature Sensor–Inlet

OEM Part Number: 1845988C1

Year Range:
2010-2014

Application:
MaxxForce 7

AP63471



Exhaust Gas Recirculation (EGR) Temperature Sensor–Outlet

OEM Part Number: 1888560C1

Year Range:
2010-2014

Application:
MaxxForce 7

AP63476



Manifold Absolute Pressure (MAP) Sensor

OEM Part Number: 1846481C92

Year Range:
2007-2014

Application:
MaxxForce 7

Actuators

AP63456



Exhaust Gas Recirculation (EGR) Valve

OEM Part Number: 1885819C92

Year Range:
2007-2010

Application:
MaxxForce 7

Electrical Harness and Repair

AP0021



3 Wire Pigtail

Notes: Fits AP63423 Exhaust Back Pressure (EBP) Sensor and AP63476 Manifold Absolute Pressure (MAP) Sensor.

Year Range:
2007-2010

Application:
MaxxForce 7

AP0056



2 Wire Pigtail

Notes: Fits AP63437 Engine Oil/Coolant//Fuel Temperature (EOT/ECT/FT) Sensor.

Year Range:
2007-2014

Application:
MaxxForce 7

EXCLUSIVE PARTS

MAXXFORCE 7

continued Electrical Harness and Repair

Injector Harness

OEM Part Number: 1856010C95

Notes: Injector harness for the right side.

Year Range:
2008-2010

Application:
MaxxForce 7



AP63515

Injector Harness

OEM Part Number: 1856011C95

Notes: Injector harness for the left side.

Year Range:
2008-2010

Application:
MaxxForce 7



AP63516

Seal and Gasket Kits

Injection Line and O-ring Kit

OEM Part Numbers: 1855644C3, 1886547C1, 1873425C93

Year Range:
2007-2014

Application:
MaxxForce 7



AP0027

Engine Oil Cooler Installation Kit

Notes: Installation kit only. If engine oil cooler is needed see AP63468 Engine Oil Cooler Kit.

Year Range:
2007-2010

Application:
MaxxForce 7



EXCLUSIVE KITS

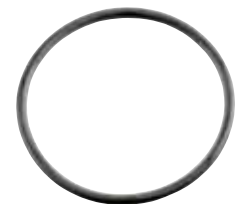
AP0041

Exhaust Gas Recirculation (EGR) Valve O-ring

OEM Part Number: 1847321C1

Year Range:
2007-2010

Application:
MaxxForce 7

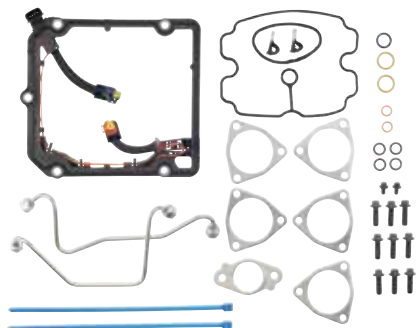


AP0042

MAXXFORCE 7

Seal and Gasket Kits continued

AP0072 **EXCLUSIVEKITS**



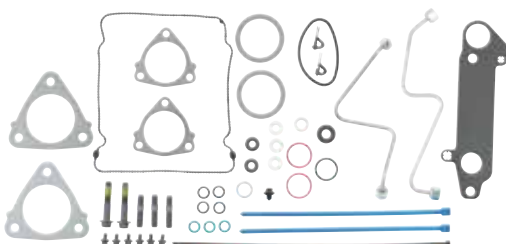
High-Pressure Fuel Pump (HPFP) Installation Kit

Notes: Pre-2010 emission engines. Installation kit only. If pump is needed see AP63644 Remanufactured High-Pressure Fuel Pump (HPFP) Kit.

Year Range:
2007-2010

Application:
MaxxForce 7

AP0073 **EXCLUSIVEKITS**



High-Pressure Fuel Pump (HPFP) Installation Kit

Notes: Post 2010 emission engines. Installation kit only. If pump is needed see AP63642 Remanufactured High-Pressure Fuel Pump (HPFP) Kit.

Year Range:
2010-2014

Application:
MaxxForce 7

AP63483



Turbo Installation Kit

OEM Part Number: 1876540C92

Notes: Pre-2010 emission engines.

Year Range:
2007-2010

Application:
MaxxForce 7

AP63484



Turbo Installation Kit

OEM Part Number: 1897455C93

Notes: Post 2010 emission engines.

Year Range:
2010-2013

Application:
MaxxForce 7

Filters

PFL2016

RACOR



Oil Filter Element Service Kit

Year Range:
2007-2010

Application:
MaxxForce 7

MAXXFORCE 7

continued **Filters**

Oil Filter Cap

OEM Part Number: 1840754C91

Year Range: 2007-2010
Application: MaxxForce 7



RK31821

RACOR

Fuel Filter Kit

OEM Part Number: 1876533C93

Notes: Pre-2010 emission engines.

Year Range: 2007-2010
Application: MaxxForce 7



PFF32715

RACOR

Replacement Plastic Bowl with Drain

Notes: Pre-2010 emission engines.

Year Range: 2007-2010
Application: MaxxForce 7



RK21113

RACOR

Fuel Filter Insert Kit

OEM Part Number: 1884207C92

Notes: Post 2010 emission engines.

Year Range: 2010-2014
Application: MaxxForce 7



PFF33286

RACOR

Replacement Fuel Pump

OEM Part Numbers: 1884086C91, 7079720C91

Notes: Post 2010 emission engines.

Year Range: 2010-2014
Application: MaxxForce 7



PFP58529

RACOR



New OEM HEUI® injectors available exclusively through Alliant Power

- Brand new original equipment HEUI® Injectors
- Complete 1995 to 2003 Navistar mid-range coverage
- Available exclusively through Alliant Power
- 13-month, unlimited mileage warranty in Navistar applications



DT466E, I530E, DT466 / 530, HT530

Injectors

HEUI Injector*

OEM Part Numbers: 1819834C1, 1823736C94, 1824917C2, 1824928C94, 2593588C91

Notes: Includes copper chamber gasket.

Year Range:	Application:	ESN Range:
1995-1997	DT466E: 230 HP (HT) to 250 HP (HT)	933,834 to 1,084,867

HEUI Injector*

OEM Part Numbers: 1824739C1, 1824742C91, 1824918C2, 1824929C94, 2593589C91

Notes: Includes copper chamber gasket.

Year Range:	Application:	ESN Range:
1995-1997	DT466E: 175 HP to 190 HP	933,834 to 1,028,710

HEUI Injector*

OEM Part Numbers: 1824740C1, 1824743C91, 1824919C2, 1824930C94, 2593590C91

Notes: Includes copper chamber gasket.

Year Range:	Application:	ESN Range:
1995-1997	DT466E: 195 HP (HT) to 230 HP (ST)	933,834 to 1,028,710

HEUI Injector*

OEM Part Numbers: 1824741C2, 1824744C94, 1824920C2, 1824931C94, 2593591C91

Notes: Includes copper chamber gasket.

Year Range:	Application:	ESN Range:
1995-1997	I530E: 250 (HP) (ST) to 300 HP (HT)	933,834 to 1,084,028

HEUI Injector*

OEM Part Numbers: 1824839C94, 1829336C1, 1829837C2, 1829838C94, 1829839C93, 1829926C2, 2593592C91

Notes: Includes copper chamber gasket.

Year Range:	Application:	ESN Range:
1997-1999	DT466E: 175 HP to 230 HP	1,028,711 to 1,194,038

HEUI Injector*

OEM Part Numbers: 1830145C91, 1830146C94, 1830147C2, 1830148C2, 2593593C91

Notes: Includes copper chamber gasket.

Year Range:	Application:	ESN Range:
1998-1999	I530E: 250 HP to 300 HP (HT)	1,084,029 to 1,134,350



AP63805BA

AP63806BB

AP63807BC

EXCLUSIVE PARTS

AP63808BD

AP63809BE

AP63810BF

*Indicates products with a core charge.

DT466E, I530E, DT466 / 530, HT530

Injectors continued

AP63811BI



HEUI Injector*

OEM Part Numbers: 1830559C91, 1830560C2, 1830561C92, 1830562C2, 1830740C92, 1830741C92, 2593594C91, 2593595C91

Notes: Includes stainless steel and copper chamber gaskets.

Year Range:	Application:	ESN Range:
1999	DT466E: 175 HP to 250 HP (HT)	1,125,228 to 1,999,999
2000-2003	DT466: 175 HP to 250 HP (HT)	1,125,228 to 1,999,999

BG

HEUI Injector

OEM Part Numbers: 1830155C91, 1830156C91, 1830157C1, 1830158C1, 1830570C91, 1830573C2, 2593596C91

Notes: Discontinued, supersedes to AP63812BJ HEUI Injector.

Year Range:	Application:	ESN Range:
1997-1999	DT466E: 230 HP (HT) to 250 HP (HT)	1,084,868 to 1,125,227

EXCLUSIVE PARTS

AP63812BJ

HEUI Injector*

OEM Part Numbers: 1830094C92, 1830570C92, 1830571C2, 1830572C93, 1830573C2, 2593596C91

Notes: Includes copper chamber gasket.

Year Range:	Application:	ESN Range:
1999	I530E: 230 HP (HT) to 300 HP (HT)	1,133,755 to 1,194,038

AP63813BN

HEUI Injector*

OEM Part Numbers: 1830691C1, 1830692C91, 1830693C1, 1830694C93, 2593597C91

Notes: Includes stainless steel chamber gasket.

Year Range:	Application:	ESN Range:
2000-2003	DT530, HT530: 250 HP to 340 HP (HT)	1,194,039 to 1,999,999

AP63814BP

HEUI Injector*

OEM Part Numbers: 1836250C1, 1836251C91, 1836252C91, 1836253C1

Notes: Includes stainless steel chamber gasket.

Year Range:	Application:
2000 and Later	DT466 Transit

* Indicates products with a core charge.

DT466E, I530E, DT466 / 530, HT530

Engine Components

HEUI Injector Sleeve–Stainless Steel

AP63434

OEM Part Number: 1818778C3

Notes: Engines built ON or AFTER 03/1996.

Year Range:

1996-1999

2000-2003

Application:

DT466E, I530E

DT466 / 530, HT530



Engine Oil Cooler

AP63452

OEM Part Number: 1815904C2

Year Range:

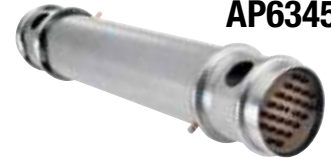
1995-1999

2000-2003

Application:

DT466E, I530E

DT466 / 530, HT530



Water Pump

AP63580

OEM Part Numbers: 1817687C92, 1821935C3, 1830606C94

Notes: Includes mounting gasket. Engines built ON or AFTER 09/1993.

Year Range:

1994-1999

2000-2003

Application:

DT466E, I530E

DT466 / 530, HT530



Remanufactured High-Pressure Oil Pump

HP020X

OEM Part Numbers: 1830177C92, 1842722C91

Notes: Includes mounting gasket. 6.5cc pump.

Year Range:

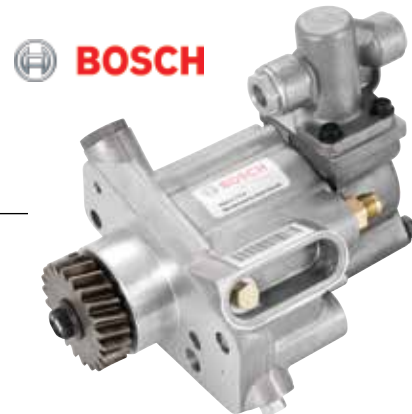
1994-1999

2000-2003

Application:

I530E: 230 HP (HT) to 300 HP

DT466 / 530, HT530: 230 HP (HT) to 300 HP



Remanufactured High-Pressure Oil Pump

HP021X

OEM Part Numbers: 1825681C95, 1842721C91

Notes: Includes mounting gasket. 5.3cc pump.

Year Range:

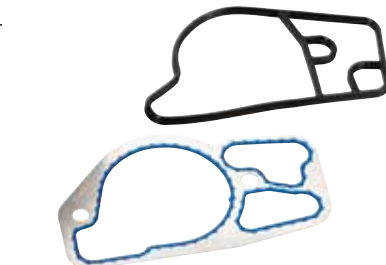
1994-1999

2000-2003

Application:

DT466E: 175 HP to 230 HP

DT466: 175 HP to 230 HP



Remanufactured High-Pressure Oil Pump

HP022X

OEM Part Numbers: 1842723C91, 1826458C92

Notes: Includes mounting gasket. 7.0cc pump.

Year Range:

1994-1999

2000-2003

Application:

I530E: 300 HP to 330 HP

DT530, HT530: 300 HP to 330 HP



DT466E, I530E, DT466 / 530, HT530

Sensors

AP63429



Pressure Sensor

OEM Part Number: 1840078C1

Notes: Manifold Absolute Pressure (MAP) Sensor. Mounts on intake manifold.

Year Range:
1998-2003

Application:
DT466E, I530E, DT466 / 530, HT530

AP63465



Injection Control Pressure (ICP) Sensor

OEM Part Number: 1830669C92

Year Range:
See ESN

Application:
DT466E, I530E,
DT466 / 530, HT530

ESN Range:
1,134,351 to 1,999,999

AP63466



Engine Oil Pressure (EOP) Sensor

OEM Part Number: 1807369C2

Year Range:
See ESN

Application:
DT466E, I530E,
DT466 / 530, HT530

ESN Range:
1,126,949 to 1,999,999

Actuators

AP63401



Injection Pressure Regulator (IPR) Valve

OEM Part Numbers: 1824982C91, 1833798C91, 1841279C91

Notes: With edge filter.

Year Range:
1994-1995½

Application:
DT466E, I530E

ESN Range:
0 to 998,705

AP63402



Injection Pressure Regulator (IPR) Valve

OEM Part Numbers: 1829856C91, 1836412C91, 1841086C91, 1841217C91

Notes: Without edge filter.

Year Range:
1995½-2003
2000-2003

Application:
DT466E, I530E
DT466 / 530, HT530

ESN Range:
998,706 to 1,999,999
998,706 to 1,999,999

DT466E, I530E, DT466 / 530, HT530

Electrical Harness and Repair

3 Wire Pigtail

AP0021

Notes: Fits AP63465 Injection Control Pressure (ICP) Sensor and AP63466 Engine Oil Pressure (EOP) Sensor.

Year Range:
1994-2003

Application:
DT466E, I530E, DT466 / 530, HT530



2 Wire Pigtail

AP0068

Notes: Fits AP63401 and AP63402 Injection Pressure Regulator (IPR) Valves and all HEUI B Injectors.

Year Range:
1994-1999
2000-2003

Application:
DT466E, I530E
DT466 / 530, HT530



Internal Injector Harness

AP63464

OEM Part Numbers: 1889905C91, 30360R1, 1824908C1

Notes: Includes mounting bolts.

Year Range:
1994-2003

Application:
DT466E, I530E, DT466 / 530, HT530



Seal and Gasket Kits

HEUI Injector Seal Kit

AP0001

OEM Part Number: 1833564C92

Year Range:
1994-1999
2000-2003

Application:
DT466E, I530E
DT466 / 530, HT530



Injection Pressure Regulator (IPR) Valve Seal Kit

AP0003

OEM Part Number: 1825806C91

Year Range:
1994-1999
2000-2003

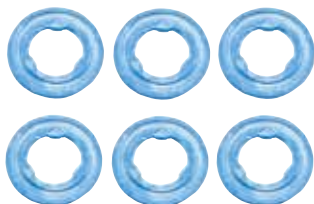
Application:
DT466E, I530E
DT466 / 530, HT530



DT466E, I530E, DT466 / 530, HT530

Seal and Gasket Kits continued

AP0006



Stainless Steel Chamber Gaskets

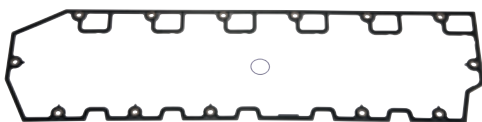
OEM Part Number: 1830317C1

Notes: Package of six.

Year Range:
As Required

Application:
DT466E, I530E, DT466 / 530, HT530

AP0036



Valve Cover Gasket

OEM Part Numbers: 1820909C1, 1825602C91

Year Range:
1994-1999
2000-2003

Application:
DT466E, I530E
DT466 / 530, HT530

AP0038 **EXCLUSIVEKITS**



Primer Pump Seal Kit

Year Range:
1995-2003

Application:
DT466E, I530E, DT466 / 530, HT530

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PERKINS, DETROIT DIESEL, AGCO

Injectors

AP63805BA



AP63808BD

AP63810BF

EXCLUSIVE PARTS

HEUI Injector*

OEM Part Numbers: 1819834C1, 1823736C94, 1824917C2, 1824928C94, 2593588C91

Notes: Includes copper chamber gasket.

Year Range:

1995-1997

Engine:

7.6L Perkins 1300 Series EDi

HEUI Injector*

OEM Part Numbers: 1824741C2, 1824744C94, 1824920C2, 1824931C94, 2593591C91

Notes: Includes copper chamber gasket.

Year Range:

1995-1997

Engine:

8.7L Perkins 1300 Series EDi

HEUI Injector*

OEM Part Numbers: 1830145C91, 1830146C94, 1830147C2, 1830148C2, 2593593C91

Notes: Includes copper chamber gasket.

Year Range:

1998-1999

Engine:

8.7L Perkins 1300 Series EDi

1998-1999

8.7L Detroit Diesel Series 40E

1998-1999 8.7L AGCO 9675

AP63811BI

HEUI Injector*

OEM Part Numbers: 1830559C91, 1830560C2, 1830561C92, 1830562C2, 1830740C92, 1830741C92, 2593594C91, 2593595C91

Notes: Includes stainless steel and copper chamber gaskets.

Year Range:

1999-2003

Engine:

7.6L Perkins 1300 Series EDi

AP63812BJ

HEUI Injector*

OEM Part Numbers: 1830094C92, 1830570C92, 1830571C2, 1830572C93, 1830573C2, 2593596C91

Notes: Includes copper chamber gasket.

Year Range:

1999

Engine:

8.7L Perkins 1300 Series EDi

1999

8.7L Detroit Diesel Series 40E

PERKINS, DETROIT DIESEL, AGCO

continued **Injectors**

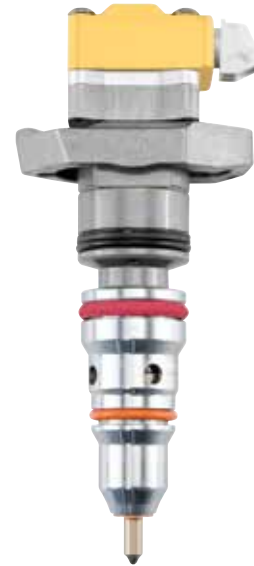
HEUI Injector*

OEM Part Numbers: 1830691C1, 1830692C91, 1830693C1, 1830694C93, 2593597C91

Notes: Includes stainless steel chamber gasket.

Year Range:	Engine:
2000-2003	8.7L Perkins 1300 Series EDi
2000-2003	8.7L Detroit Diesel Series 40E

AP63813BN



HEUI Injector*

OEM Part Numbers: 1836250C1, 1836251C91, 1836252C91, 1836253C1

Notes: Includes stainless steel chamber gasket.

Year Range:	Engine:
2000 and Later	7.6L Detroit Diesel Series 40E

AP63814BP

EXCLUSIVE PARTS

Seal and Gasket Kits

HEUI Injector Seal Kit

OEM Part Number: 1833564C92

Year Range:	Engine:
1995-1997	7.6L Perkins 1300 Series EDi
1999-2003	7.6L Perkins 1300 Series EDi
1995-2003	8.7L Perkins 1300 Series EDi
1998-2003	8.7L Detroit Diesel Series 40E
2000 and Later	7.6L Detroit Diesel Series 40E
1998-1999	8.7L AGCO 9675

AP0001

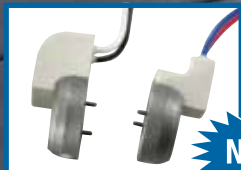


*Indicates products with a core charge.



NEW

Spool Valve



NEW

Injector Coils



NEW

Connector

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PurePower's industry leading remanufactured G2.9 injectors now available to the aftermarket through Alliant Power.

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 - 100% new injector coils, spool valve and connectors
 - 13-month, unlimited mileage warranty
- Complete 2004 to 2017 Navistar Mid-Range coverage
- Brand new injectors also available



DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

Injectors

PPT Remanufactured G2.9 Injector*

PPT New G2.9 Injector*

OEM Part Numbers: 1842576C94, 5010656R92, 1841491C91, 1842223C91, 6922-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:	ESN Range:
2004	DT466: 210 HP to 225 HP	2,000,001 to 2,999,999

PPT Remanufactured G2.9 Injector*

PPT New G2.9 Injector*

OEM Part Numbers: 1842577C94, 5010657R92, 1842224C91, 6923-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:	ESN Range:
2004	DT466: 245 HP to 285 HP (HT)	2,000,001 to 2,999,999
2005	DT466: 210 HP to 285 HP	2,000,001 to 2,999,999

PPT Remanufactured G2.9 Injector*

PPT New G2.9 Injector*

OEM Part Numbers: 1842578C95, 5010658R92, 1842225C91, 6924-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:	ESN Range:
2004-2005	DT570: 285 HP to 330 HP	2,000,001 to 2,999,999

PPT Remanufactured G2.9 Injector*

PPT New G2.9 Injector*

OEM Part Numbers: 1842579C95, 5010659R92, 1842226C91, 6925-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:	ESN Range:
2004-2005	HT570: 295 HP to 340 HP (HT)	2,000,001 to 2,999,999

PPT Remanufactured G2.9 BANG Injector*

PPT New G2.9 BANG Injector*

OEM Part Numbers: 1848489C92, 5010983R91, 6926-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:
2006	DT466: 210 HP to 285 HP

PPT Remanufactured G2.9 BANG Injector*

PPT New G2.9 BANG Injector*

OEM Part Numbers: 1848492C92, 5010984R91, 6927-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:
2006	DT570: 285 HP to 330 HP



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TECHNOLOGIES

AP66976
AP66876

AP66977
AP66877

AP66978
AP66878

AP66979
AP66879

AP66989
AP66889

AP66992
AP66892

*Indicates products with a core charge.

DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

Injectors continued

AP66995
AP66895

AP66918
AP66818

AP66921
AP66821

AP66955
AP66855

AP66957
AP66857

AP66958
AP66858



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TECHNOLOGIES

PPT Remanufactured G2.9 BANG Injector* PPT New G2.9 BANG Injector*

OEM Part Numbers: 1848495C92, 5010985R91, 6928-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:
2006	HT570: 295 HP to 340 HP (HT)

PPT Remanufactured G2.9 Injector* PPT New G2.9 Injector*

OEM Part Numbers: 1848718C93, 5010561R93, 6929-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:	ESN Range:
2007-2010	MaxxForce DT: 210 HP to 300 HP	3,000,001 to 3,300,000

PPT Remanufactured G2.9 Injector* PPT New G2.9 Injector*

OEM Part Numbers: 1848721C93, 4307212R91, 5010823R91, 6930-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:	ESN Range:
2007-2010	MaxxForce 9: 300 HP to 330 HP	3,000,001 to 3,300,000
2007-2010	MaxxForce 10: 310 HP to 350 HP	3,000,001 to 3,300,000

PPT Remanufactured G2.9 Injector* PPT New G2.9 Injector*

OEM Part Numbers: 1890055C92, 1890056C2, 5010715R91, 6932-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:
2010-2014	MaxxForce DT: 215 HP to 300 HP

PPT Remanufactured G2.9 Injector* PPT New G2.9 Injector*

OEM Part Numbers: 1884057C92, 1884058C2, 5010986R91, 6931-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:
2010-2014	MaxxForce DT: 210 HP to 225 HP

PPT Remanufactured G2.9 Injector* PPT New G2.9 Injector*

OEM Part Numbers: 1890057C92, 1890058C2, 5010717R91, 6933-PP

Notes: Installation requires removal of high-pressure oil rail. Use AP0025 High-Pressure Oil Rail Seal Kit when reinstalling oil rail.

Year Range:	Application:
2010-2014	MaxxForce 9: 300 HP to 330 HP
2010-2014	MaxxForce 10: 310 HP to 350 HP
2015-2017	N9
2015-2017	N10

DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

Engine Components

Water Pump

OEM Part Numbers: 1842664C92, 1842665C93

Notes: Includes mounting gasket.

Year Range:	Application:
2004-2006	DT466 / 570, HT570
2007-2010	MaxxForce DT / 9 / 10



AP63582

12cc High-Pressure Oil Pump*

OEM Part Numbers: 1885043C92, 1885044C2, 1889323C93, 5010736R91, 7093938C91

Notes: The corresponding AP63514 Injection Pressure Regulator (IPR) Valve is included.

Year Range:	Application:	ESN Range:
2010-2014	MaxxForce DT	3,300,001 to End



AP63680

16cc High-Pressure Oil Pump*

OEM Part Numbers: 1885045C92, 1885046C2, 1889324C92, 5010755R92, 7093939C91

Notes: The corresponding AP63514 Injection Pressure Regulator (IPR) Valve is included.

Year Range:	Application:	ESN Range:
2010-2014	MaxxForce 9 / 10	3,300,001 to End
2015	N9	



AP63681

12cc Remanufactured High-Pressure Oil Pump*

OEM Part Numbers: 1883888C93, 1842424C2, 1871291C4, 1842423C97, 1871292C96, 1842614C91

Notes: The corresponding AP63512 Injection Pressure Regulator (IPR) Valve and Fuel Supply Pump are included.

Year Range:	Application:	ESN Range:
2004-2006	DT466	2,000,001 to 2,999,999



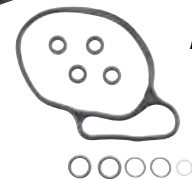
AP63692

16cc Remanufactured High-Pressure Oil Pump*

OEM Part Numbers: 1885000C93, 1842426C2, 1842425C96, 1842617C91

Notes: The corresponding AP63512 Injection Pressure Regulator (IPR) Valve and Fuel Supply Pump are included.

Year Range:	Application:	ESN Range:
2004-2006	DT570, HT570	2,000,001 to 2,999,999



AP63693

*Indicates products with a core charge.

DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

Engine Components continued

AP63684



12cc High-Pressure Oil Pump Kit*

OEM Part Numbers: 1876105C95, 1832093C2, 1879744C2, 1832092C92, 1879743C93

Notes: Includes updated high-pressure hose and fitting. The corresponding AP63513 Injection Pressure Regulator (IPR) Valve and Fuel Supply Pump are included.

Year Range:
2007-2010

Application:
MaxxForce DT

ESN Range:
3,000,001 to 3,040,000

AP63685



16cc High-Pressure Oil Pump Kit*

OEM Part Numbers: 1882259C93, 1876106C94, 1832095C2, 1832094C92

Notes: Includes updated high-pressure hose and fitting. The corresponding AP63513 Injection Pressure Regulator (IPR) Valve and Fuel Supply Pump are included. OEM part numbers for both the early and late 16cc Remanufactured High-Pressure Pumps (AP63685 and AP63687) supersede to 1882259C93. The ESN must be used to determine which Alliant Power part number is required.

Year Range:
2007-2010

Application:
MaxxForce 9 / 10

ESN Range:
3,000,001 to 3,040,000

EXCLUSIVE KITS

AP63686



12cc High-Pressure Oil Pump*

OEM Part Numbers: 1882258C93, 1832093C2, 1879744C2, 1832092C92, 1879743C93

Notes: The corresponding AP63513 Injection Pressure Regulator (IPR) Valve and Fuel Supply Pump are included.

Year Range:
2007-2010

Application:
MaxxForce DT

ESN Range:
3,040,001 to 3,300,000

AP63687



16cc High-Pressure Oil Pump*

OEM Part Numbers: 1882259C93, 1832095C2, 1832094C92, 1879747C2, 1879745C93

Notes: The corresponding AP63513 Injection Pressure Regulator (IPR) Valve and Fuel Supply Pump are included. OEM part numbers for both the early and late 16cc Remanufactured High-Pressure Pumps (AP63685 and AP63687) supersede to 1882259C93. The ESN must be used to determine which Alliant Power part number is required.

Year Range:
2007-2010

Application:
MaxxForce 9 / 10

ESN Range:
3,040,001 to 3,300,000

* Indicates products with a core charge.

DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

Sensors

Engine Speed/Position Sensor

OEM Part Number: 1828345C91

Notes: Camshaft Speed/Position.

Year Range:	Application:
2004-2006	DT466 / 570, HT570
2007-2010	MaxxForce DT / 9 / 10



AP63412

Engine Speed/Position Sensor

OEM Part Number: 1835985C92

Notes: Crankshaft Speed/Position.

Year Range:	Application:
2004-2006	DT466 / 570, HT570
2007-2010	MaxxForce DT / 9 / 10



AP63415

Exhaust Back Pressure (EBP) Sensor

OEM Part Number: 1846480C2

Year Range:	Application:
2004-2006	DT466 / 570, HT570
2007-2010	MaxxForce DT / 9 / 10



AP63423

Engine Oil Pressure (EOP) Sensor

OEM Part Numbers: 1839415C91, 1837802C1, 1839832C1, 1872556C91

Notes: AP0021 3 Wire Pigtail can be used to repair the harness connector.

Year Range:	Application:
2004-2007	DT466 / 570
2007-2013	MaxxForce DT / 9 / 10

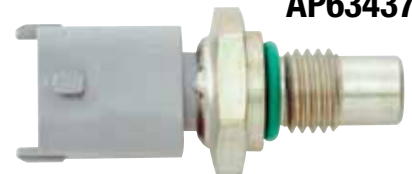


AP63474

Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor

OEM Part Number: 1836537C91

Year Range:	Application:
2004-2006	DT466 / 570, HT570
2007-2010	MaxxForce DT / 9 / 10



AP63437

Injection Control Pressure (ICP) Sensor

OEM Part Number: 1845536C91

Year Range:	Application:
2004-2007	DT466 / 570



AP63567

DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

Sensors continued

AP63462



Intake Manifold Air Temperature (IAT) Sensor

OEM Part Number: 1836539C91

Year Range:
2004-2006

Application:
DT466 / 570, HT570

AP63471



Exhaust Gas Recirculation (EGR) Temperature Sensor-Outlet

OEM Part Number: 1888560C1

Year Range:
2010-2011

Application:
MaxxForce DT / 9 / 10

AP63476



Manifold Absolute Pressure (MAP) Sensor

OEM Part Number: 1846481C92

Year Range:
2007-2011

Application:
MaxxForce DT / 9 / 10

Actuators

AP63512



Injection Pressure Regulator (IPR) Valve

OEM Part Number: 1878571C95

Notes: Fits AP63692 12cc Remanufactured High-Pressure Oil Pump and AP63693 16cc Remanufactured High-Pressure Oil Pump. Includes valve and seal kit.

Year Range:
2004-2006

Application:
DT466 / 570, HT570

AP63513



Injection Pressure Regulator (IPR) Valve

OEM Part Number: 1878629C95

Notes: Fits AP63684 12cc High-Pressure Oil Pump Kit, AP63685 16cc High-Pressure Oil Pump Kit, AP63686 12cc High-Pressure Oil Pump, and AP63687 16cc High-Pressure Oil Pump. Includes valve and seal kit.

Year Range:
2007-2010

Application:
MaxxForce DT / 9 / 10

AP63514



Injection Pressure Regulator (IPR) Valve

OEM Part Number: 1889325C95

Notes: Fits AP63680 12cc High-Pressure Oil Pump and AP63681 16cc High-Pressure Oil Pump. Includes valve and seal kit.

Year Range:
2010-2014
2015

Application:
MaxxForce DT / 9 / 10
N9 / N10

DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

Electrical Harness and Repair

3 Wire Pigtail

AP0021

Notes: Fits AP63423 Exhaust Back Pressure (EBP) Sensor and AP63476 Manifold Absolute Pressure (MAP) Sensor.

Year Range:
2004-2006
2007-2010

Application:
DT466 / 570, HT570
MaxxForce DT / 9 / 10



2 Wire Pigtail

AP0056

Notes: Fits AP63437 Engine Oil/Coolant/Fuel Temperature (EOT/ECT/FT) Sensor and AP63462 Intake Manifold Air Temperature (IAT) Sensor.

Year Range:
2004-2006
2007-2010

Application:
DT466 / 570, HT570
MaxxForce DT / 9 / 10



Fuel Injection Control Module (FICM) Connector

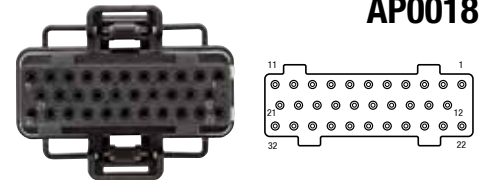
AP0018

Notes: Field data shows identification marks 1456315-6, 1437287-7, or X-3.

Year Range:
2004-2006

Application:
DT466 / 570, HT570

EXCLUSIVEPARTS



Fuel Injection Control Module (FICM) Connector

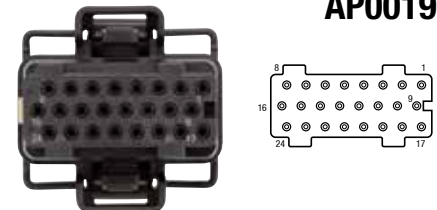
AP0019

Notes: Field data shows identification marks 1456315-2, 1437287-6, or X-2.

Year Range:
2004-2006

Application:
DT466 / 570, HT570

EXCLUSIVEPARTS



Fuel Injection Control Module (FICM) Connector

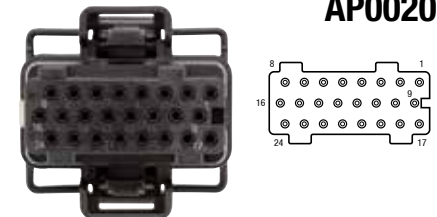
AP0020

Notes: Field data shows identification marks 1456316-1, 1437287-5, or X-1.

Year Range:
2004-2006

Application:
DT466 / 570, HT570

EXCLUSIVEPARTS



2 Wire Pigtail

AP0068

Notes: Fits the Injection Pressure Regulator (IPR) Valves.

Year Range:
2004-2006
2007-2013

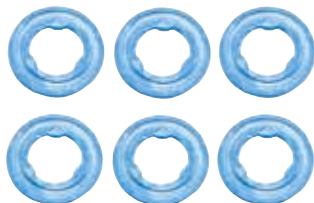
Application:
DT466 / 570, HT570
MaxxForce DT / 9 / 10



DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

Seal and Gasket Kits

AP0006



Stainless Steel Chamber Gaskets

OEM Part Number: 1830317C1

Notes: Package of six.

Year Range:

2004-2006

2007-2010

Application:

DT466 / 570, HT570

MaxxForce DT / 9 / 10

AP0025



High-Pressure Oil Rail Seal Kit

OEM Part Number: 1842626C95

Year Range:

2004-2006

2007-2010

Application:

DT466 / 570, HT570

MaxxForce DT / 9 / 10

ESN Range:

2,000,001 to 2,999,999

3,000,001 to End

AP0026



G2.9 Injector Seal Kit

OEM Part Number: 1842624C92

Year Range:

2004-2006

2007-2010

Application:

DT466 / 570, HT570

MaxxForce DT / 9 / 10

AP0090



Injection Pressure Regulator (IPR) Valve Seal Kit

OEM Part Numbers: 1889027C91, 1878479C1

Notes: Seal kit only. If valve is needed see AP63512, AP63513, and AP63514 Injection Pressure Regulator (IPR) Valves.

Year Range:

2004-2006

2007-2014

2015

Application:

DT466 / 570, HT570

MaxxForce DT / 9 / 10

N9 / N10

DT466 / 570, HT570, MAXXFORCE DT / 9 / 10, N9 / N10

continued **Seal and Gasket Kits**

High-Pressure Oil Rail Adapter

OEM Part Number: 1841923C98

Notes: AP0148 Oil Rail Adapter Socket required for installation.

Year Range:

2004-2006

2007-2014

2015-2017

Application:

DT466 / 570, HT570

MaxxForce DT / 9 / 10

N9 / N10



AP0149



Valve Cover Gasket

OEM Part Number: 1842380C95

Note: Without engine break

Year Range:

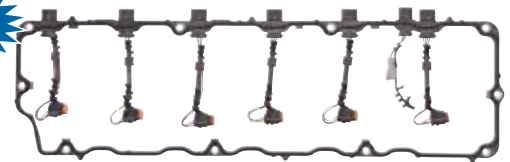
2004-2006

Application:

DT466 / 570, HT570



AP0161



High-Pressure Oil Rail to Head O-ring

OEM Part Number: 1841581C1

Year Range:

2004-2007

2007-2015

Application:

DT466 / 570, HT570

MaxxForce DT / 9 / 10



AP0163



Please visit alliantpower.com for up to date New Product Announcements, Sales Flyers and Technical Bulletins.







6.5L

Fuel System Components

AP63440



Fuel Transfer Pump

OEM Part Numbers: 25117340, EP309

Year Range:
1994–1999Engine:
6.5L

AP63441



Fuel Transfer Pump

OEM Part Numbers: 15754298, EP1000

Year Range:
1999–2002Engine:
6.5L

Engine Components

AP63560



Water Pump

OEM Part Numbers: 12530176, 19168610, 88894036, 251–590

Notes: Includes mounting gasket. Field data indicates both Water Pumps (AP63560 and AP63561) were used for MY 1999 vehicles. Be sure to verify which Water Pump is in place. Used for bolt-on pulley applications.

Year Range:
1994–1999Engine:
6.5L F, S, or Y

AP63561



Water Pump

OEM Part Numbers: 12556231, 88894035, 251–603, 252–776

Notes: Includes mounting gasket. Field data indicates both Water Pumps (AP63560 and AP63561) were used for MY 1999 vehicles. Be sure to verify which Water Pump is in place. Used for press-on pulley applications.

Year Range:
1999–2003Engine:
6.5L

6.5L

Sensors**Engine Oil Pressure (EOP) Switch**

OEM Part Numbers: 12555492, D1808A

Year Range: 1992–2002
Engine: 6.5L

AP63419

**Crankshaft Position (CKP) Sensor**

OEM Part Numbers: 12557046, 213–337

Year Range: 1994–2002
Engine: 6.5L

AP63444

**Actuators****Glow Plug Relay**

OEM Part Numbers: 12496472, 212–366, RY383

Year Range: 1994–2002
Engine: 6.5L

AP63420

**Turbo Wastegate Solenoid**

OEM Part Numbers: 1997227, 214–1073

Year Range: 1994–2002
Engine: 6.5L

AP63443

**Electrical Harness and Repair****Engine Oil Pressure (EOP) Switch Connector Pigtail**

OEM Part Numbers: 12085499, PT121

Year Range: 1992–2002
Engine: 6.5L

AP0022

**DS Pump 8" Wiring Harness Extension**

Year Range: 1994–2002
Engine: 6.5L

EXCLUSIVEPARTS AP0024

6.5L

Electrical Harness and Repair continued

AP0034



Turbo Wastegate Solenoid Connector Pigtail

Year Range:
1994–2002

Engine:
6.5L

AP0067



Glow Plug Wire Harness Extension

OEM Part Number: 15320904

Year Range:
1994–2002

Engine:
6.5L

Seal and Gasket Kits

APE65110



DS Pump Installation Kit

Year Range:
1992–2002

Engine:
6.5L

EXCLUSIVEKITS

Engine Accessories

AP63701



Vacuum Pump–Mechanical

OEM Part Numbers: 7849209, 215–115

Notes: Also fits 6.2L.

Year Range:
1988–1995

Engine:
6.5L

AP63702



Vacuum Pump–Mechanical

OEM Part Numbers: 89017558, 215–479

Year Range:
1996–2002

Engine:
6.5L

DS Pump Components

PMD & Harness Kit

OEM Part Number: 35976

Year Range:
1994–2002Engine:
6.5L**▲EXCLUSIVEKITS** AP63485**PMD Kit**

OEM Part Number: 40736

Year Range:
1994–2002Engine:
6.5L**▲EXCLUSIVEKITS** AP63486**▲EXCLUSIVEPARTS**

AP PART NUMBER	DESCRIPTION	OEM PART NUMBER
AP63546	Data Track Disc	30273
AP63547	Armature Plate Cover	30486
AP63548	ESO Actuator	33072
AP63549	Encoder Sensor	33883
AP63550	Stepper Motor Kit	34407
AP63551	Solenoid Assembly	36394
AP63552	Armature Assembly	39479
AP63553	Calibration Resistor #1	39859
AP63554	Calibration Resistor #2	39860
AP63555	Calibration Resistor #3	39861
AP63556	Calibration Resistor #4	39862
AP63557	Calibration Resistor #5	39863
AP63558	Calibration Resistor #6	39864
AP63559	Calibration Resistor #7	39865
AP63564	Calibration Resistor #8	39866
AP63565	Calibration Resistor #9	39867
AP0095	Overhaul Gasket Kit	33815

6.6L DURAMAX

Fuel System Components

AP63442



Fuel Transfer Pump

OEM Part Numbers: 15161174, EP1001, EP1020, 15821962, 23484581, EP1037, 23495127

Year Range:
2001–2014

Engine:
6.6L Duramax

AP0059



Fuel Return Line Banjo Bolt

OEM Part Number: 97228929

Year Range:
2001–2004

Engine:
6.6L LB7 Duramax

EXCLUSIVE PARTS

AP63720



Injection Line

OEM Part Number: 97188720

Notes: Cylinders 1 and 8.

Year Range:
2001–2004

Engine:
6.6L LB7 Duramax

AP63721



Injection Line

OEM Part Number: 97188721

Notes: Cylinders 3 and 6.

Year Range:
2001–2004

Engine:
6.6L LB7 Duramax

AP63722



Injection Line

OEM Part Number: 97188722

Notes: Cylinders 4 and 5.

Year Range:
2001–2004

Engine:
6.6L LB7 Duramax

AP63723



Injection Line

OEM Part Number: 97188723

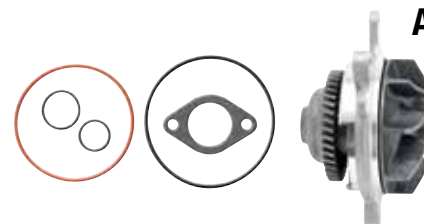
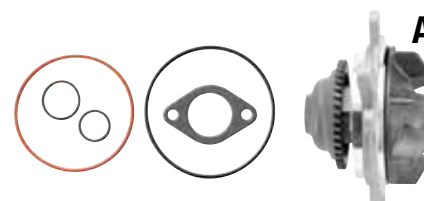
Notes: Cylinders 2 and 7.

Year Range:
2001–2004

Engine:
6.6L LB7 Duramax

6.6L DURAMAX

Engine Components

Turbo Hose**OEM Part Numbers:** 15019994, 15019995**Year Range:**
2001–2004**Engine:**
6.6L LB7 Duramax**AP63457****Water Pump****OEM Part Numbers:** 97216136, 19113733, 19168888, 252–838, 251–674, 251–723**Notes:** Includes mounting gaskets.**Year Range:**
2001–2005**Engine:**
6.6L Duramax**AP63562****Water Pump****OEM Part Numbers:** 98031233, 251–738, 12637105**Notes:** Includes mounting gaskets.**Year Range:**
2006–2014**Engine:**
6.6L Duramax**AP63563****Water Pump Housing****OEM Part Number:** 97228188**Notes:** Fits AP63562 Water Pump.**Year Range:**
2001–2005**Engine:**
6.6L LB7, LLY Duramax**AP63566****PPT Remanufactured Turbocharger*****OEM Part Numbers:** 97387896, 736554–5011S, 736554–9011**Year Range:**
2004½–2005**Engine:**
6.6L LLY Duramax

purePOWER
TECHNOLOGIES

**AP90004**

**Available
Early 2018**

PPT Remanufactured Turbocharger***OEM Part Numbers:** 98011735, 759622–5005, 759622–9005**Year Range:**
2006–2007**Engine:**
6.6L LBZ Duramax

purePOWER
TECHNOLOGIES

**AP90005**

**Available
Early 2018**

**Indicates products with a core charge.*

6.6L DURAMAX

Engine Components continued

AP90006

Available
Early 2018

PPT Remanufactured Turbocharger*

OEM Part Numbers: 12639460, 790032-5003, 790032-9003

Year Range:
2007-2010Engine:
6.6L LMM DuramaxpurePOWER[®]
TECHNOLOGIES

AP90007

Available
Early 2018

PPT Remanufactured Turbocharger*

OEM Part Numbers: 12677684, 800799-5001, 800799-9001, 792129-5004

Year Range:
2011-2016Engine:
6.6L LML DuramaxpurePOWER[®]
TECHNOLOGIES

Actuators

AP91000

NEW



Turbocharger Vane Actuator

OEM Part Number: 98061571, 792593-0007

Year Range:
2004½-2010
2004-2009Engine:
6.6L LLY, LBZ, LMM Duramax
6.6L TopKick / Kodiak 4500 / 5500

Electrical Harness and Repair

AP0068



2 Wire Pigtail

Notes: Fits AP91000 Turbocharger Vane Actuator

Year Range:
2004½-2012Engine:
6.6L LLY, LBZ, LMM, LML, LGH Duramax

EXCLUSIVE PARTS

*Indicates products with a core charge.

6.6L DURAMAX

Seal and Gasket Kits

Fuel Filter Base and Hand Primer Seal Kit

Year Range:
2001–2010

Engine:
6.6L Duramax

▲EXCLUSIVEKITS AP0029



Head Installation Kit with Studs** Head Installation Kit without Studs

Notes: Head Gaskets sold separately refer to AP0047–AP0052.

Year Range:
2001–2004

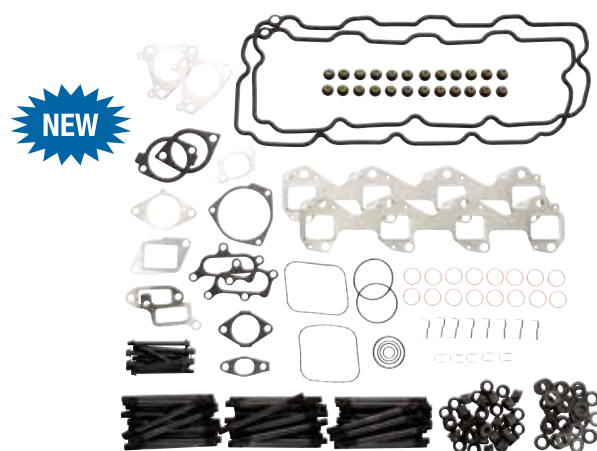
Engine:
6.6L LB7 Duramax

Kit Contents:

- 2 Lower Valve Cover Gaskets
- 1 Exhaust Manifold Gasket Kit
- 1 Intake Manifold Gasket Kit
- 2 Thermostat Housing to Head Gaskets
- 1 Exhaust Gas Recirculation (EGR) System Gasket Kit
- 1 Water Pump to Outlet Pipe Gasket
- 1 Fuel Return Line Kit
- 16 Injector Cup Seals
- 1 Turbo Inlet Gasket
- 1 Coolant Bypass Pipe Seal Kit
- 1 Thermostat Housing to Coolant Outlet Pipe Seal
- 1 Thermostat Housing to Heater Pipe Seal
- 2 Fuel Injection Control Module (FICM) Banjo Seals
- **Includes Head Stud Kit



▲EXCLUSIVEKITS AP0045
AP0062



Head Installation Kit with Studs** Head Installation Kit without Studs

Notes: Head Gaskets sold separately refer to AP0047–AP0052.

Year Range:
2004½–2010

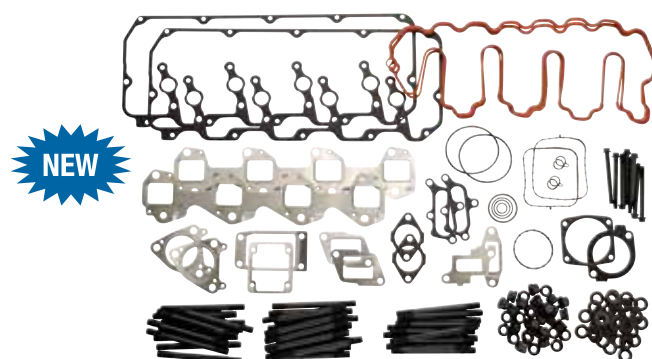
Engine:
6.6L LLY, LBZ, LMM Duramax

Kit Contents:

- 2 Upper Valve Cover Gaskets
- 2 Lower Valve Cover Gaskets
- 1 Exhaust Manifold Gasket Kit
- 1 Intake Manifold Gasket Kit
- 2 Thermostat Housing to Head Gaskets
- 1 Exhaust Gas Recirculation (EGR) System Gasket Kit
- 1 Water Pump to Outlet Pipe Gasket
- 1 Coolant Bypass Pipe Seal Kit
- 1 Thermostat Housing to Coolant Outlet Pipe Seal
- 1 Thermostat Housing to Exhaust Gas Recirculation (EGR) Cooler Pipe Seal
- 2 Fuel Injection Control Module (FICM) Banjo Seals
- **Includes Head Stud Kit



▲EXCLUSIVEKITS AP0046
AP0063



6.6L DURAMAX

Seal and Gasket Kits continued

AP0154
AP0155

EXCLUSIVE KITS

Head Gasket Kit with Studs** Head Gasket Kit without Studs

Notes: Head Gaskets sold separately refer to AP0047-AP0052.

Year Range:

2011–2016

Engine:

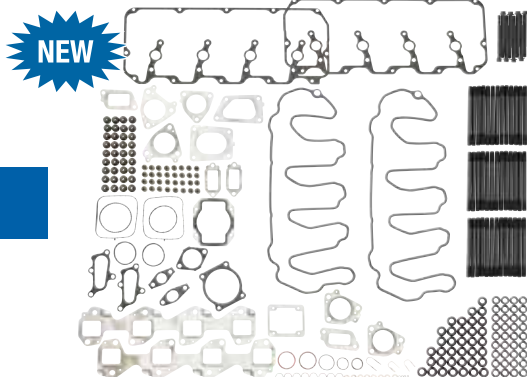
6.6L LML Duramax

Application:

Silverado and Sierra Vehicles

Kit Contents:

- 2 Upper Valve Cover Gaskets
- 2 Lower Valve Cover Gaskets
- 2 Exhaust Manifold Gasket Kits
- 2 Intake Manifold Gasket Kits
- 1 Coolant Outlet Gasket
- 1 Coolant Thermostat Housing Gasket
- 1 Fuel Injection Throttle Body Gasket Kit
- **Includes Head Stud Kit



AP0047

Head Gasket

OEM Part Number: 98045058

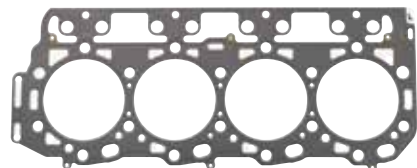
Notes: 0.95 mm, Grade A, left.

Year Range:

2001–2015

Engine:

6.6L Duramax



AP0048

Head Gasket

OEM Part Number: 98045059

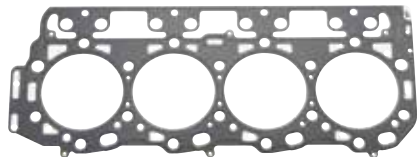
Notes: 1.00 mm, Grade B, left.

Year Range:

2001–2015

Engine:

6.6L Duramax



AP0049

Head Gasket

OEM Part Number: 98045060

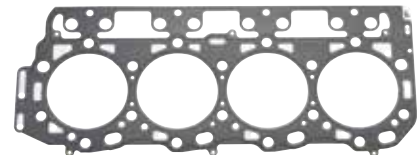
Notes: 1.05 mm, Grade C, left.

Year Range:

2001–2015

Engine:

6.6L Duramax



AP0050

Head Gasket

OEM Part Number: 98045055

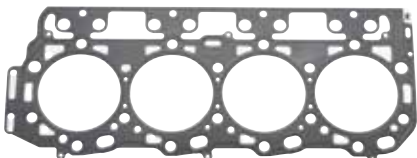
Notes: 0.95 mm, Grade A, right.

Year Range:

2001–2015

Engine:

6.6L Duramax



AP0051

Head Gasket

OEM Part Number: 98045056

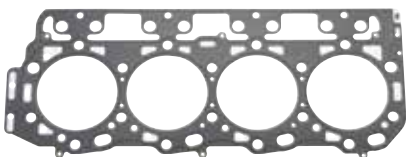
Notes: 1.00 mm, Grade B, right.

Year Range:

2001–2015

Engine:

6.6L Duramax



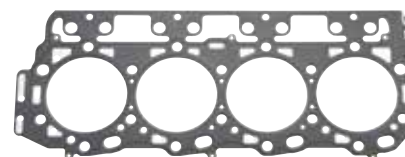
6.6L DURAMAX

continued **Seal and Gasket Kits****Head Gasket****OEM Part Number:** 98045057**Notes:** 1.05 mm, Grade C, right.**Year Range:**

2001–2015

Engine:

6.6L Duramax

**AP0052****High-Pressure Fuel Pump Installation Kit****Year Range:**

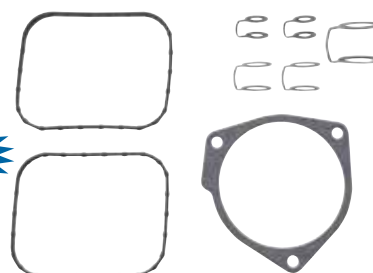
2001–2004

Engine:

6.6L LB7 Duramax

Application:

Silverado and Sierra Vehicles

EXCLUSIVE KITS**AP0127****High-Pressure Fuel Pump/Exhaust Gas Recirculation (EGR) Valve Installation Kit****Year Range:**

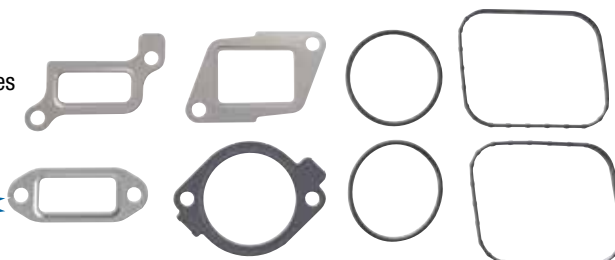
2004½–2005

Engine:

6.6L LLY Duramax

Application:

Silverado and Sierra Vehicles

EXCLUSIVE KITS**AP0128****High-Pressure Fuel Pump/Exhaust Gas Recirculation (EGR) Valve Installation Kit****Year Range:**

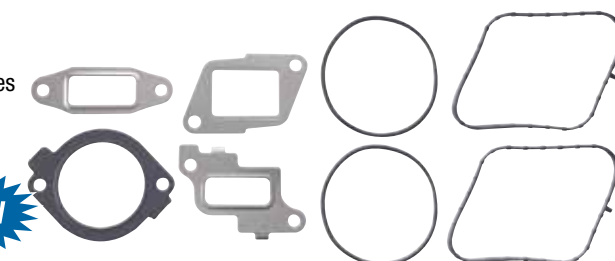
2006–2007

Engine:

6.6L LBZ Duramax

Application:

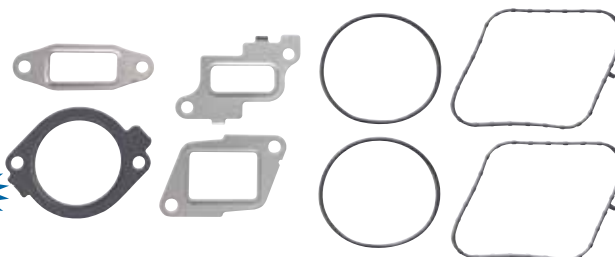
Silverado and Sierra Vehicles

EXCLUSIVE KITS**AP0129****High-Pressure Fuel Pump/Exhaust Gas Recirculation (EGR) Valve Installation Kit****Year Range:**

2007–2010

Engine:

6.6L LMM Duramax

Application:Silverado and
Sierra Vehicles**EXCLUSIVE KITS****AP0130**

6.6L DURAMAX

Seal and Gasket Kits continued

AP0162

NEW



Turbo Installation Kit

Year Range:
2001–2010

Engine:
6.6L LB7, LLY, LBZ, LMM Duramax

Engine Accessories

AP63449



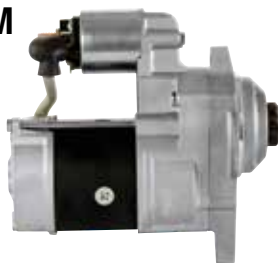
Belt Tensioner

OEM Part Numbers: 97329062, 38172, 89003343, 98094201, 97288625

Year Range:
2002–2016

Engine:
6.6L Duramax

S14–101DAM



Remanufactured Starter

OEM Part Numbers: 88864234, 336–1737

Year Range:
2003–2011

Engine:
6.6L Duramax

Filters

PFL5515



RACOR

Oil Filter

OEM Part Numbers: 88917036, PF2232

Year Range:
2001 and Later

Engine:
6.6L LB7, LLY, LBZ,
LMM, LML, LGH Duramax

Application:
Silverado and Sierra Vehicles

PFF4245R2–02



RACOR

Fuel Filter Assembly

OEM Part Number: 12642623

Year Range:
2004½–2011

Engine:
6.6L LLY, LBZ,
LMM, LML Duramax

Application:
Silverado and Sierra Vehicles

6.6L DURAMAX

continued **Filters****Spin-on Fuel Filter****OEM Part Numbers:** 98017645, TP1298B, TP3018**Year Range:**
2001–2016**Engine:**
6.6L Duramax**Application:**
Silverado and Sierra Vehicles**RACOR****PFF50216****Fuel Filter Service Kit****Notes:** Primary and secondary.**Year Range:**
2004–2012**Engine:**
6.6L Duramax**Application:**
Express and Savana Vehicles**RACOR****PFF58567****Replacement Plastic Bowl with Drain and WIF Sensor****OEM Part Number:** 19257915**Notes:** Use with PFF58567 Fuel Filter Service Kit. Van applications only.**Year Range:**
2004–2012**Engine:**
6.6L Duramax**Application:**
Express and Savana Vehicles**RACOR****RK58010****Drain Valve/Water Sensor Kit****Year Range:**
2001–2011**Engine:**
6.6L Duramax**RACOR****RK42043****Drain Valve/Water Sensor Kit****OEM Part Number:** 12651583**Year Range:**
2012 and Later**Engine:**
6.6L LML, LGH Duramax**RACOR****PFRK50309****Water Repelling Prescreen Filter****OEM Part Number:** 19259252**Notes:** Includes chassis cab and full size van (GMT 610).**Year Range:**
2012 and Later**Engine:**
6.6L LGH Duramax**Application:**
Express and Savana Vehicles**RACOR****PFFRK51216**

DODGE/CUMMINS

[illegible]

ENGINES WITH PT PUMPS

Fuel System Components

AP3035342



Fuel Shut-off Valve Assembly-12 Volt

OEM Part Number: 3035342

Year Range:
N/A

Engine:
PT Pumps

AP3035344



Fuel Shut-off Valve Assembly-24 Volt

OEM Part Number: 3035344

Year Range:
N/A

Engine:
PT Pumps

AP4024808



Fuel Shut-off Coil-12 Volt

OEM Part Number: 4024808

Year Range:
N/A

Engine:
PT Pumps

AP4024809



Fuel Shut-off Coil-24 Volt

OEM Part Number: 4024809

Year Range:
N/A

Engine:
PT Pumps

5.9L

Fuel System Components

Fuel Transfer Pump

OEM Part Numbers: 3901425, 3904374, 3928143, 3966154, 3970880, 4983584

Year Range:
1989–1993

Engine:
5.9L B-Series, 12-Valve



AP63478

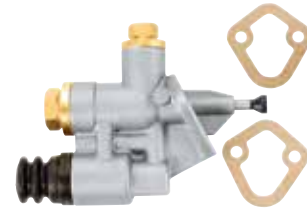
Fuel Transfer Pump Kit

OEM Part Numbers: 3936316, 4988747, 4944710

Notes: Includes two mounting gaskets.

Year Range:
1994–1998

Engine:
5.9L B-Series, 12-Valve



AP4988747

Fuel Transfer Pump Kit

OEM Part Numbers: 3990082, 3990105, 4932707, 4935730

Year Range:
1998–2003

Engine:
5.9L ISB with VP44

EXCLUSIVEKITS



AP4943048

Fuel Transfer Pump Kit

OEM Part Number: 3969705 (Hose)

Year Range:
2003–2004

Engine:
5.9L ISB with Common Rail

EXCLUSIVEKITS



AP4089602

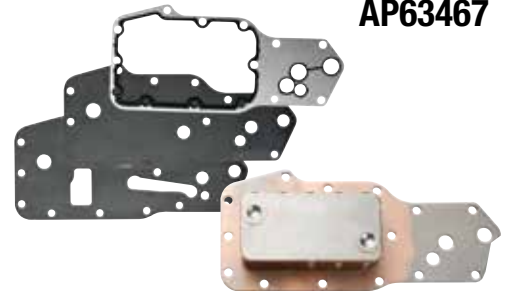
Engine Components

Oil Cooler

OEM Part Numbers: 3921558, 3957544, 4713985AB

Year Range:
1993–1998
1998–2003

Engine:
5.9L B-Series, 12-Valve
5.9L ISB with VP44



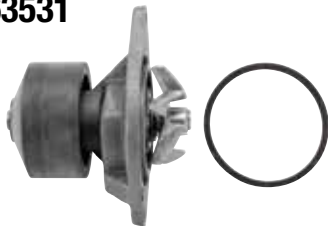
AP63467

EXCLUSIVEKITS

5.9L

Engine Components continued

AP63531



Water Pump

OEM Part Numbers: 3286278, 3286277

Notes: Includes mounting gasket. Supersedes AP63530 Water Pump.

Year Range:

1990–1998

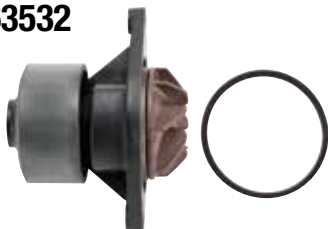
1998–2003

Engine:

5.9L B-Series, 12-Valve

5.9L ISB with VP44

AP63532



Water Pump

OEM Part Numbers: 3800984, 4891252

Notes: Includes mounting gasket.

Year Range:

2003–2007

Engine:

5.9L ISB with Common Rail

Sensors

AP63428



Accelerator Pedal Position Sensor (APPS)

OEM Part Numbers: 3970084, 53031575AH

Notes: For use with automatic transmissions.

Year Range:

1998–2003

Engine:

5.9L ISB with VP44

AP63427



Accelerator Pedal Position Sensor (APPS)

OEM Part Numbers: 3970085, 53031576AD

Notes: For use with manual transmissions.

Year Range:

1998–2003

Engine:

5.9L ISB with VP44

AP63458



Accelerator Pedal Position Sensor (APPS)

Notes: For use with automatic or manual transmissions.

Year Range:

1998–2003

2003–2004

Engine:

5.9L ISB with VP44

5.9L ISB with Common Rail

EXCLUSIVE PARTS

5.9L

continued **Sensors**

Crankshaft Position (CKP) Sensor

OEM Part Number: 4921601

Year Range: 1998–2003
Engine: 5.9L ISB with VP44



AP63453

Seal and Gasket Kits

Valve Cover Gasket

OEM Part Numbers: 3935878, 5016356AB

Year Range: 1998–2003
Engine: 5.9L ISB with VP44

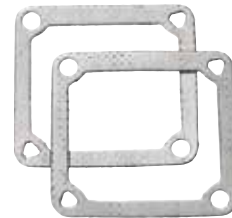


AP0012

Intake Grid Heater Gaskets

OEM Part Number: 3969988

Year Range: 1989–1998
1998–2003
2003–2006
Engine: 5.9L B-Series, 12-Valve
5.9L ISB with VP44
5.9L ISB with Common Rail



AP0058

Head Gasket Kit with Studs** Head Gasket Kit without Studs

Notes: Standard head gasket.

Year Range: 1998–2003
Engine: 5.9L ISB with VP44

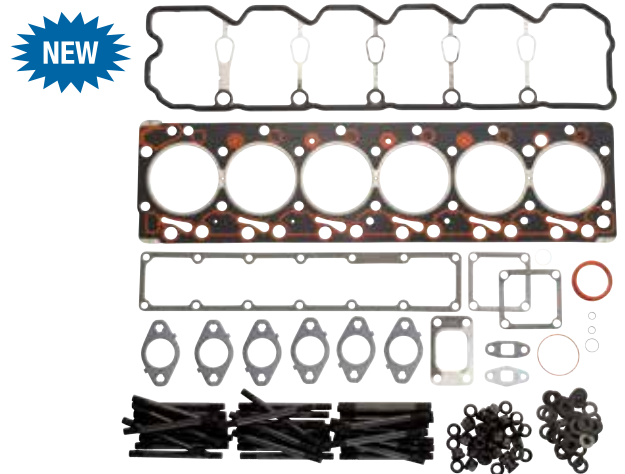
Kit Contents:

- 1 Head Gasket
- 1 Valve Cover Gasket
- 6 Exhaust Manifold Gaskets
- 1 Intake Manifold Gasket Set
- 1 Turbo Gasket Set
- 1 Coolant Outlet Gasket
- **Includes Head Stud Kit



EXCLUSIVE KITS

**AP0053
AP0092**

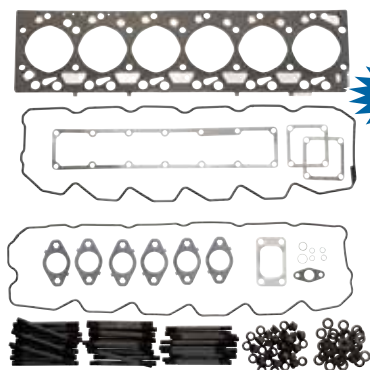


5.9L

Seal and Gasket Kits continued

AP0054
AP0093

EXCLUSIVE KITS



Head Gasket Kit with Studs** Head Gasket Kit without Studs

Notes: 1.10 mm head gasket.

Year Range:

2003–2006

Engine:

5.9L ISB with Common Rail

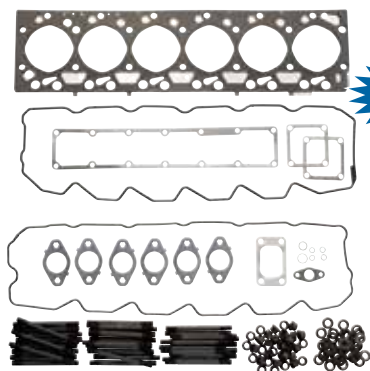
Kit Contents:

- 1 Head Gasket
- 1 Valve Cover Gasket
- 1 Rocker Housing Gasket
- 6 Exhaust Manifold Gaskets
- 1 Intake Manifold Gasket Set
- 1 Turbo Gasket Set
- **Includes Head Stud Kit



AP0055
AP0094

EXCLUSIVE KITS



Head Gasket Kit with Studs** Head Gasket Kit without Studs

Notes: 1.20 mm head gasket.

Year Range:

2003–2006

Engine:

5.9L ISB with Common Rail

Kit Contents:

- 1 Head Gasket
- 1 Valve Cover Gasket
- 1 Rocker Housing Gasket
- 6 Exhaust Manifold Gaskets
- 1 Intake Manifold Gasket Set
- 1 Turbo Gasket Set
- **Includes Head Stud Kit



Engine Accessories

228000–2292



Starter

OEM Part Numbers: 3921682, 5016522AA

Year Range:

1994–1998

1998–2002

Engine:

5.9L B-Series, 12-Valve

5.9L ISB with VP44

428000–5940



Starter

OEM Part Numbers: 4090084, 5086932AA

Year Range:

2003–2006

Engine:

5.9L ISB with Common Rail

5.9L

Filters

Fuel Filter Element

OEM Part Numbers: 4883963AC, 3990130

Notes: Includes filters for mechanical P Pump and VP44 fuel system.

Year Range:

1997–1998

1998½–1999

Engine:

5.9L ISB with P Pump

5.9L ISB with VP44



PFF19528

RACOR



Fuel Filter Element

OEM Part Numbers: 5015581AA, 4941252

Notes: Includes filters for VP44 and high–pressure common rail (HPCR) fuel system.

Year Range:

2000–2002

2003–2010

Engine:

5.9L ISB with VP44

5.9L ISB with Common Rail



PFF19579

RACOR

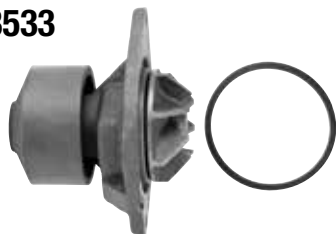
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6.7L

Engine Components

AP63533



Water Pump

OEM Part Numbers: 2881804, 68003402AA, 4955359

Notes: Includes mounting gasket.

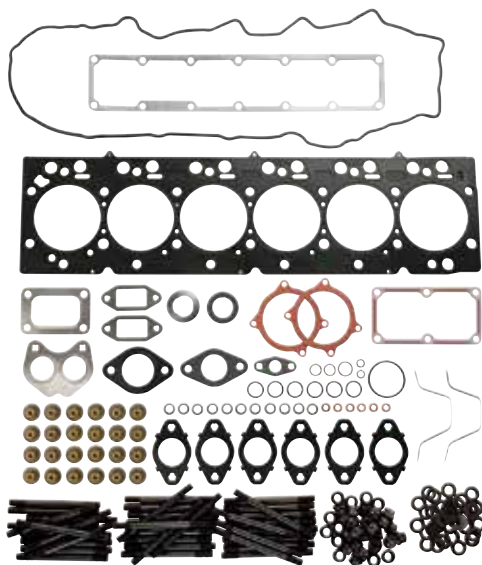
Year Range:
2007–2012

Engine:
6.7L ISB

Seal and Gasket Kits

AP0091
AP0097

EXCLUSIVE KITS



Head Gasket Kit with Studs**

Head Gasket Kit without Studs

Year Range:

2007–2013

2007–2009

Engine:

6.7L ISB 2500 / 3500

6.7L ISB 4500 / 5500

Kit Contents:

- 1 Head Gasket
- 1 Valve Cover Gasket
- 6 Exhaust Manifold Gaskets
- 1 Intake Manifold Gasket
- 1 Turbo Gasket Set
- **Includes Head Stud Kit



NEW

6.7L

Filters

Spin-on Fuel Filter/Water Separator

OEM Part Number: 68197867AA

Notes: Frame mounted filter.

Year Range:
2014 and Later

Engine:
6.7L ISB with High-Pressure Common Rail (HPCR)

PFF54529

RACOR.



Drain Valve/Water Separator Kit

OEM Part Numbers: 68197868AA / AB

Notes: Frame mounted filter.

Year Range:
2013 and Later

Engine:
6.7L ISB with High-Pressure Common Rail (HPCR)

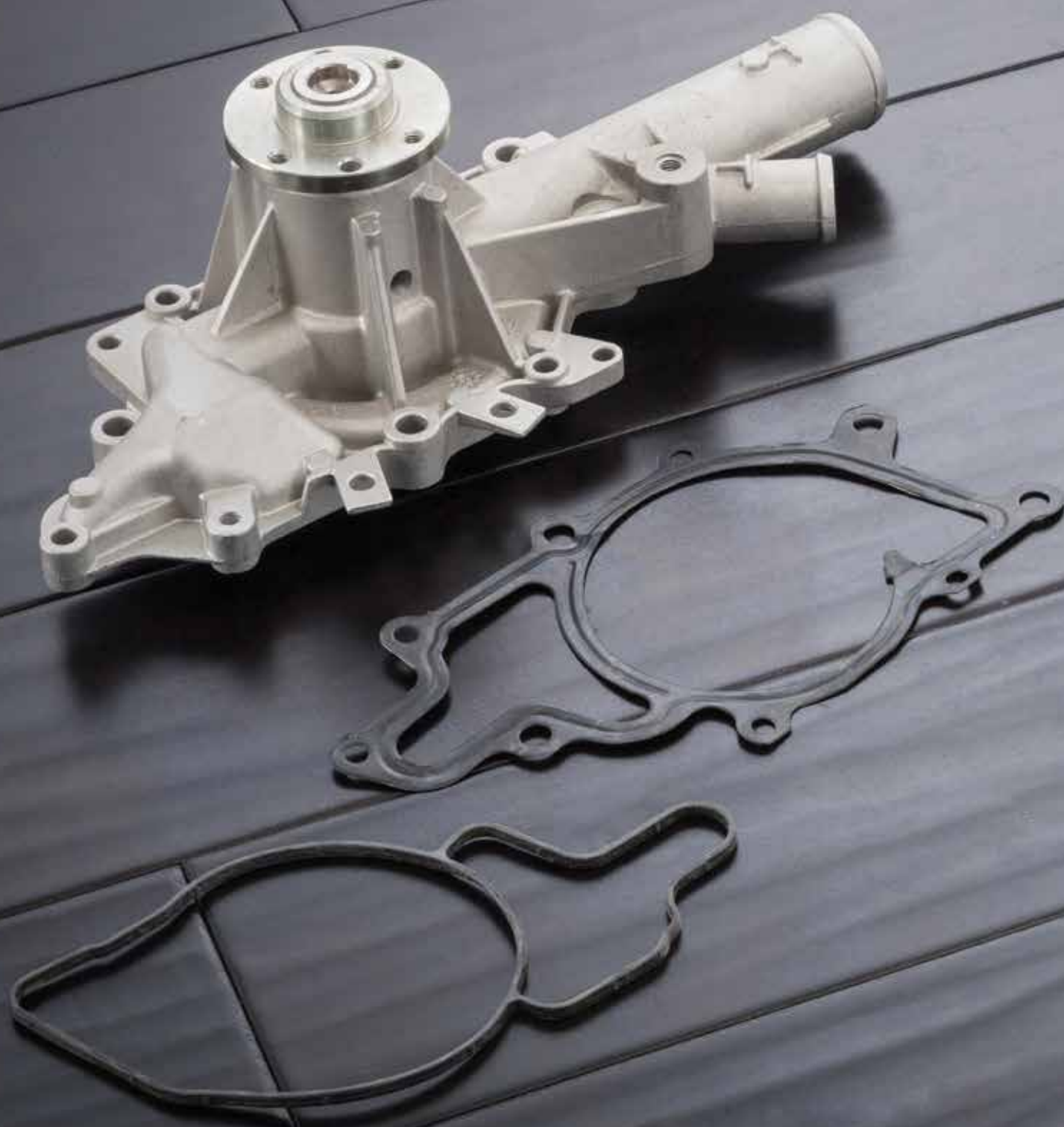
PFRK54553



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SPRINTER/JEEP



SPRINTER/JEEP



SPRINTER/JEEP

2.7L and 3.0L

Engine Components

AP63600



Water Pump

OEM Part Numbers: 5103576AA, 6112001101

Notes: Includes two mounting gaskets.

Year Range:
2002–2003

Engine:
2.7L OM 612

Application:
Sprinter 2500 / 3500

AP63601



Water Pump

OEM Part Numbers: 5138057AA, 6472000101

Notes: Includes mounting gasket.

Year Range:
2004–2006

Engine:
2.7L OM 647

Application:
Sprinter 2500 / 3500

Filters

AP61000



Oil Filter Element Service Kit

OEM Part Numbers: 0011849425, 5086301AA, 1121840025, 6111800009, A6111800009

Year Range:
2002–2003
2004–2006

Engine:
2.7L OM 612
2.7L OM 647

Application:
Sprinter 2500 / 3500
Sprinter 2500 / 3500

AP61001



Oil Filter Element Service Kit

OEM Part Numbers: 5175571AA, 6421800009, A6421800009

Year Range:
2007–2014
2007–2008

Engine:
3.0L OM 642
3.0L OM 642

Application:
Sprinter 2500 / 3500
Jeep Grand Cherokee

2.7L and 3.0L

continued **Filters**

Fuel Filter without WIF Sensor

OEM Part Numbers: 5103577AA, 6120920001, A6120920001

Notes: WIF sensor can be transferred from old filter to new filter.

Year Range:	Engine:	Application:
2002–2003	2.7L OM 612	Sprinter 2500 / 3500



AP61002

Fuel Filter without WIF Sensor

OEM Part Numbers: 5117492AA, 5170896AB, 5175425AB, 5175429AB, 6460920701, 6460900252, 6460920201, 6460920601

Notes: WIF sensor can be transferred from old filter to new filter.

Year Range:	Engine:	Application:
2004–2006	2.7L OM 647	Sprinter 2500 / 3500
2007–2009	3.0L OM 642	Sprinter 2500 / 3500
2007–2008	3.0L OM 642	Jeep Grand Cherokee



AP61003

Fuel Filter without WIF Sensor

OEM Part Number: 6420920301

Notes: WIF sensor can be transferred from old filter to new filter.

Year Range:	Engine:	Application:
2010–2012	3.0L OM 642	Sprinter 2500 / 3500



AP61005

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ISUZU



ISUZU



ISUZU

4HK1 and 6HK1

High-Pressure Common Rail (HPCR)

AP53800



Remanufactured Common Rail Injector*

OEM Part Numbers: 8943922614, 8943921602, 94392261, 095000-0145, 095000-0190

Year Range:	Engine:	Application:
1998-2002	7.8L 6HK1 (LG4)	FSR, FTR, FVR
1999-2004	7.8L 6HK1 (82L)	FRR

AP53801

Remanufactured Common Rail Injector*

OEM Part Numbers: 8976012592, 97601259, 095000-0452

Year Range:	Engine:	Application:
2003	7.8L 6HK1 (LG4)	FSR, FTR, FVR, H Series

AP53802

Remanufactured Common Rail Injector*

OEM Part Numbers: 8976024362, 97602436, 095000-0452, 095000-0104

Year Range:	Engine:	Application:
2003	7.8L 6HK1 (LG4)	FSR, FTR, FVR

Notes for AP53800 to AP53802, AP53903, and AP53804 to AP53809: Includes the necessary components needed for installation.

AP53903



Remanufactured Common Rail Injector*

OEM Part Numbers: 2901231000, 8973297035, 97780100, 095000-5471

Year Range:	Engine:	Application:
2004-2007	5.2L 4HK1 (RJS)	NPR, NPR-HD, NQR

AP53804

Remanufactured Common Rail Injector*

OEM Part Numbers: 2901233000, 8976028032, 97780452, 97602803, 095000-5360

Year Range:	Engine:	Application:
2004-2007	7.8L 6HK1 (LG4)	FTR, FVR, FXR, HTR, HVR, HXR

AP53805

Remanufactured Common Rail Injector*

OEM Part Numbers: 2901233100, 8976011562, 97780453, 97601156, 095000-5351

Year Range:	Engine:	Application:
2004-2007	7.8L 6HK1 (LG4)	FTR, FVR, FXR, HTR, HVR, HXR

AP53806

Remanufactured Common Rail Injector*

OEM Part Numbers: 2901233200, 8976097904, 97780454, 97609790, 095000-6384

Year Range:	Engine:	Application:
2007-2009	7.8L 6HK1 (LF8)	FTR, FVR, HTR, HVR

AP53807

Remanufactured Common Rail Injector*

OEM Part Numbers: 2901233300, 8976097915, 97780455, 97609791, 095000-6395

Year Range:	Engine:	Application:
2007-2010	5.2L 4HK1 (RJS, RDQ)	NPR, NPR-HD, NQR, NRR
2007-2009	7.8L 6HK1 (LF8)	FXR, HXR

Notes for AP53800 to AP53802, AP53903, and AP53804 to AP53809: Includes the necessary components needed for installation.

4HK1 and 6HK1

continued **High-Pressure Common Rail (HPCR)****Remanufactured Common Rail Injector*****OEM Part Numbers:** 8981106074, 98110607, 095000-0323, 095000-6074

Year Range:	Engine:	Application:
2010-2013	5.2L 4HK1 (RJS, RDQ)	NRR, NQR
2013-2015	5.2L 4HK1 (RJS, RDQ)	NPR-HD

Remanufactured Common Rail Injector***OEM Part Numbers:** 8982816111, 98281611, 095000-2130, 095000-6110

Year Range:	Engine:	Application:
2015 and Later	5.2L 4HK1 (RJS)	NPR-HD, NQR, NRR

Notes for AP53800 to AP53802, AP53903, and AP53804 to AP53809: Includes the necessary components needed for installation.

**AP53808****AP53809****Seal and Gasket Kits****Injector Installation Kit**

Notes: Use with AP53800 to AP53802, AP53903, and AP53804 to AP53807 Remanufactured Common Rail Injectors.

EXCLUSIVEKITS **AP0150****Injector Installation Kit**

Notes: Use with AP53808 and AP53809 Remanufactured Common Rail Injectors.

EXCLUSIVEKITS **AP0151**

* Indicates products with a core charge.

JOHN DEERE





A collection of John Deere hydraulic components is displayed on a dark, textured surface. The components include two main hydraulic cylinders, one of which is a larger, more complex model with a side port. Various fittings, including brass and black plastic ones, are scattered around the cylinders. A black hose end with a red interior is also visible, along with a red hose clamp. The John Deere logo is prominently displayed in the top right corner and at the bottom center of the image.

4.5L and 6.8L

High-Pressure Common Rail (HPCR)

AP52900



Remanufactured Common Rail Injector*

OEM Part Numbers: RE516540, RE519730, RE507860, SE501924, 095000-5050

AP52901

Remanufactured Common Rail Injector*

OEM Part Numbers: RE546781, RE524382, RE529118, SE501926, 095000-6490

AP52905

Remanufactured Common Rail Injector*

OEM Part Numbers: RE534111, RE533505, SE501933, 095000-7150

Notes: 6.8L only.

AP52906



Remanufactured Common Rail Injector*

OEM Part Numbers: RE546782, RE529414, RE529117, SE501927, 095000-6500

Notes for AP52900 to AP52907: Packaged with its corresponding trim codes and includes the necessary components needed for installation.

AP52902



Remanufactured Common Rail Injector*

OEM Part Numbers: RE546784, RE531209, RE530362, SE501925, 095000-6310

AP52903



Remanufactured Common Rail Injector*

OEM Part Numbers: RE546783, RE531210, RE530361, SE501928, 095000-6320

Notes for AP52900 to AP52907: Packaged with its corresponding trim codes and includes the necessary components needed for installation.

4.5L and 6.8L

continued **High-Pressure Common Rail (HPCR)****Remanufactured Common Rail Injector***

OEM Part Numbers: RE546780, RE533454, RE532216, SE501934, 095000-6880

AP52904

Remanufactured Common Rail Injector*

OEM Part Numbers: RE545562, RE543351, SE502671, 095000-0590

AP52907

Notes for AP52900 to AP52907: Packaged with its corresponding trim codes and includes the necessary components needed for installation.

**Seal and Gasket Kits****Injector Installation Kit**

Notes: Use with AP52900, AP52901, AP52905, and AP52906 Remanufactured Common Rail Injectors.

AP0123

**EXCLUSIVEKITS****Injector Installation Kit**

Notes: Use with AP52907 Remanufactured Common Rail Injector.

AP0124

**EXCLUSIVEKITS****Injector Installation Kit**

Notes: Use with AP52902 and AP52903 Remanufactured Common Rail Injectors.

AP0125

**EXCLUSIVEKITS****Injector Installation Kit**

Notes: Use with AP52904 Remanufactured Common Rail Injector.

AP0126

**EXCLUSIVEKITS**

**Indicates products with a core charge.*

4.5L and 6.8L

Filters

PFF51572



Primary & Secondary Fuel Kit

OEM Part Number: RE556406

Notes: Final Tier 4 Engines.

PFF5551



Primary & Secondary Fuel Kit

OEM Part Numbers: RE525523, RE527961

Notes: Tier 3 Engines (6068SFM75, 6090AFM85, 6090SFM85).

PFF5614



Primary & Secondary Fuel Filter/Water Separator Kit

OEM Part Number: RE541746

Notes: Interim Tier 4 Engines.

PFFRK51216



Water-Repelling PreScreen Filter

OEM Part Number: R502778

Notes: Tier 3, Interim Tier 4, Final Tier 4 Engines.

8.1L

High-Pressure Common Rail (HPCR)

Remanufactured Common Rail Injector*

OEM Part Numbers: RE524361, RE518726, SE501936, 095000-5150, 095000-7560

AP50900

Remanufactured Common Rail Injector*

OEM Part Numbers: RE524368, RE501010, SE501940, 095000-0550

AP50901

Remanufactured Common Rail Injector*

OEM Part Numbers: RE524360, SE501935, 095000-5230

AP50902

Remanufactured Common Rail Injector*

OEM Part Numbers: RE524362, RE518725, RE504181, SE501937, 095000-5160

AP50903

Remanufactured Common Rail Injector*

OEM Part Numbers: RE524369, SE501941, 095000-0540

AP50904

Remanufactured Common Rail Injector*

OEM Part Numbers: RE524364, RE518723, SE501939, 095000-5190

AP50905

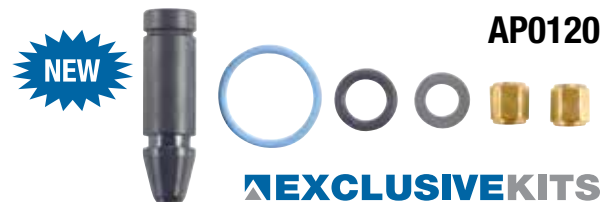
Notes for AP50900 to AP50905: Includes the necessary components needed for installation.

Seal and Gasket Kits

Injector Installation Kit

Notes: Use with AP50900 through AP50905 Remanufactured Common Rail Injectors.

AP0120



EXCLUSIVEKITS

Filters

Secondary Fuel Element

OEM Part Number: RE506428

Notes: Tier 2 Engines (6081AFM75, 6090SFM75).

RACOR.

PFF51674



*Indicates products with a core charge.

9.0L

High-Pressure Common Rail (HPCR)

AP51900



Remanufactured Common Rail Injector*

OEM Part Numbers: RE546776, RE528407, RE529149, SE501947, 095000-6480

AP51901

Remanufactured Common Rail Injector*

OEM Part Numbers: RE543605, RE543352, SE502556, 095000-0610

AP51902

Remanufactured Common Rail Injector*

OEM Part Numbers: RE546777, RE528408, RE529151, SE501948, 095000-6471

AP51903

Remanufactured Common Rail Injector*

OEM Part Numbers: RE543606, RE543354, SE502557, 095000-0600

Notes for AP51900 to AP51903: Packaged with its corresponding trim codes and includes the necessary components needed for installation.

Seal and Gasket Kits

AP0121



Injector Installation Kit

Notes: Use with AP51901 and AP51903 Remanufactured Common Rail Injectors.

EXCLUSIVEKITS

AP0122



Injector Installation Kit

Notes: Use with AP51900 and AP51902 Remanufactured Common Rail Injectors.

EXCLUSIVEKITS

**Indicates products with a core charge.*

9.0L

Filters

Primary Fuel Filter/Water Separator**OEM Part Number:** RE539465**Notes:** Interim Tier 4 Engines.**RACOR.****PFF51316****Primary & Secondary Fuel Kit****OEM Part Numbers:** RE525523, RE527961**Notes:** Tier 3 Engines (6068SFM75, 6090AFM85, 6090SFM85).**RACOR.****PFF5551****Secondary Fuel Element****OEM Part Number:** RE506428**Notes:** Tier 2 Engines (6081AFM75, 6090SFM75).**RACOR.****PFF51674****Water-Repelling PreScreen Filter****OEM Part Number:** R502778**Notes:** Tier 3, Interim Tier 4, Final Tier 4 Engines.**PFFRK51216****RACOR.**

DIESEL FUEL TREATMENT



DIESEL FUEL TREATMENT



DIESEL FUEL TREATMENT

DIESEL FUEL TREATMENT

Complete Protection

Diesel fuel can vary in consistency and quality. Protect your engine's fuel system against substandard fuels by using Alliant Power Diesel Fuel Treatments. Our line of Diesel Fuel Treatments will help restore engine power, torque, and fuel economy through all seasons and operating conditions.

Alliant Power Fuel Treatments are formulated using technologically advanced chemistry designed to protect the most advanced high-pressure common rail diesel fuel systems as well as conventional systems. All are alcohol free, compatible with ultra-low sulfur diesel (ULSD), bio-diesel (up to B20), and exhaust aftertreatment emission systems (SCR & DPF). Alliant Power Fuel Treatments are compatible for all diesel engines, large or small, and for any application whether on-highway, off-highway, or marine.

ULTRAGUARD®



ULTRAGUARD is our all-season, multi-functional diesel fuel treatment that provides complete fuel system and injector protection for all diesel engines. ULTRAGUARD is designed to improve base diesel fuel quality and provide superior fuel system protection under all operating conditions.

Benefits:

- Restores engine power, torque, and fuel economy
- Increases cetane for improving engine combustion, faster cold starting, and smoother running
- Cleans/Eliminates injector deposits
- Eliminates injector "stiction" commonly associated with Common Rail Injectors
- Stabilizes fuel and protects against gums, varnishes, and rust/corrosion
- Lubricates fuel system
- Reduces ice formations of water in fuel
- Helps remove water by demulsification
- Provides Anti-Gel protection
- Helps minimize particulates in exhaust aftertreatment systems (SCR & DPF)

AP PART NUMBER US	AP PART NUMBER CANADA	SIZE	QUANTITY PER CASE	US GALLONS / LITERS TREATED
AP0500	AP0513	8 oz (237 mL)	24	30 gal (114L)
AP0501	AP0514	16 oz (473 mL)	12	60 gal (227L)
AP0502	AP0515	32 oz (946 mL)	12	125 gal (473L)
AP0503	AP0516	64 oz (1.9L)	6	250 gal (946L)
AP0504	AP0517	5 gal (19L)	1	2,500 gal (9,500L)
AP0505	AP0518	55 gal (208L)	1	27,500 gal (104,000L)

Note: Treatment rate 1:500

Please visit alliantpower.com for additional information and Safety Data Sheets (SDS)

WINTERGUARD®

WINTERGUARD is our cold weather diesel fuel treatment designed to prevent common diesel fuel issues relating to extreme cold temperatures. Helps provide improved cold starting and cold weather engine performance.

Benefits:

- Provides Anti-Gel protection
- Improves cold filter plug point (CFPP) down to $-13^{\circ}\text{F}/-25^{\circ}\text{C}$ on average and as low as $-40^{\circ}\text{F}/-40^{\circ}\text{C}^*$
- Reduces ice formations of water in fuel
- Economical per gallon treat rate

AP PART NUMBER US	AP PART NUMBER CANADA	SIZE	QUANTITY PER CASE	US GALLONS / LITERS TREATED
AP0506	AP0519	16 oz (473 mL)	12	125 gal (473L)
AP0507	AP0520	64 oz (1.9L)	6	500 gal (1,900L)
AP0508	AP0521	5 gal (19L)	1	5,000 gal (19,000L)
AP0509	AP0522	55 gal (208L)	1	55,000 gal (208,000L)

Note: Treatment rate 1:1000

**All Alliant Power Diesel Fuel Treatments can be blended with each other. Overtreating and double-dosing will increase effectiveness, but may not provide twice the benefit. Cetane and cold weather performance are dependent on the base fuel.*



LUBRIGUARD®

LUBRIGUARD is our highly concentrated lubricating diesel fuel treatment with cetane improver that provides superior fuel system protection for all diesel engines. LUBRIGUARD has been developed using a unique combination of additives designed to supplement ULSD and dry fuels that are known to cause premature wear of the fuel system.

Benefits:

- Lubricates fuel system reducing friction & wear
- Restores engine power and torque
- Increases cetane for improved engine combustion and smoother running
- Concentrated lubricant to reduce friction/wear from dry fuels such as: Jet A, Kerosene, or #1 Diesel
- Helps maintain fuel system cleanliness
- Helps remove water by demulsification
- Stabilizes fuel and protects against gums, varnishes, and rust/corrosion
- Economical per gallon treat rate

AP PART NUMBER US	AP PART NUMBER CANADA	SIZE	QUANTITY PER CASE	US GALLONS / LITERS TREATED
AP0510	AP0523	16 oz (473 mL)	12	125 gal (473L)
AP0511	AP0524	64 oz (1.9L)	6	500 gal (1,900L)
AP0512	AP0525	5 gal (19L)	1	5,000 gal (19,000L)
AP0527	AP0526	55 gal (208L)	1	55,000 gal (208,000L)

Note: Treatment rate 1:1000





TOOLS



TOOLS

Diagnostic / Testing

AP0037



Pressure Test Kit

Notes: Used to test low-pressure fuel and oil systems. Also used to perform a leak test on high-pressure oil systems.

Year Range:

1994–2003
2003–2010
2006–2010
1994–2004
2003–2007
2006
2007–2010

Application:

Ford 7.3L
Ford 6.0L
Ford 4.5L LCF
Navistar T444E
Navistar VT365
Navistar VT275
Navistar MaxxForce 5

EXCLUSIVEKITS



AP0074



Injector Test Kit

Notes: Used in testing Ford 6.4L and Navistar MaxxForce 7 (pre-2010 emissions) injectors on the Bosch EPS 205 Test Bench.

EXCLUSIVEKITS

AP0075



Injector Test Kit O-ring

Notes: Replacement O-ring for AP0074 Injector Test Kit.

EXCLUSIVEPARTS

Disassembly / Assembly

AP0017



G2.8 Injector Connector Removal Tool

Notes: Used for the removal of the PPT G2.8 Injector (AP60900/800 and AP60901/801) from the engine.

Year Range:

2003–2010
2006–2010
2003–2007
2006
2007–2010

Application:

Ford 6.0L
Ford 4.5L LCF
Navistar VT365
Navistar VT275
Navistar MaxxForce 5

High-Pressure Oil Rail Socket

Notes: Required for installation of AP0070 High-Pressure Oil Rail Seal Kit.

Year Range:	Application:
2003–2010	Ford 6.0L
2006–2010	Ford 4.5L LCF
2003–2007	Navistar VT365
2006	Navistar VT275
2007–2010	Navistar MaxxForce 5

EXCLUSIVE PARTS



AP0069

Oil Rail Adapter Socket

Notes: Used for the removal and installation of AP0149 High-Pressure Oil Rail Adapter.

Year Range:	Application:
2004–2006	Navistar DT466
2007–2014	Navistar MaxxForce DT / 9 / 10
2015–2017	Navistar N9 / N10



AP0148

NEW

Fuel Injector Harness Tool

Notes: Used in disconnecting AP63515 and AP63516 Injector Harness.

Year Range:	Application:
2008–2010	Ford 6.4L
2008–2014	Navistar MaxxForce 7



AP0077

Glow Plug Harness Tool

Notes: Used in disconnecting the glow plug harness.

Year Range:	Application:
2003–2010	Ford 6.0L, Navistar VT365



AP0078

Quick Release Coupler Tool

Notes: Used in disconnecting the high-pressure oil lines.

Year Range:	Application:
2003–2010	Ford 6.0L, Navistar VT365



AP0079

Fan Clutch Nut Wrench

Year Range:	Application:
1994–2003	Ford 7.3L
2003–2010	Ford 6.0L
2008–2010	Ford 6.4L
2010–2015	Ford 6.7L
2006–2010	Ford 4.5L LCF



AP0080

Fan Pulley Holding Wrench

Year Range:	Application:
1994–2003	Ford 7.3L
2006–2010	Ford 4.5L LCF



AP0081

Disassembly / Assembly continued

AP0082



Fan Pulley Holding Tool

Year Range:
2003–2010

Application:
Ford 6.0L

AP0089



Fan Clutch Wrench Kit

Year Range:
1994–2003
2003–2010
2008–2010
2010–2015
2006–2010

Application:
Ford 7.3L
Ford 6.0L
Ford 6.4L
Ford 6.7L
Ford 4.5L LCF

AP0096



Injector Removal Tool

Year Range:
2011–2017

Application:
Ford 6.7L

AP0147



Fuel/Oil Filter Cap Socket Tool

Year Range:
1994–2003
2003–2010
2008–2010
2006–2010
1994–2004
2003–2007
2006
2007–2010

Application:
Ford 7.3L
Ford 6.0L
Ford 6.4L
Ford 4.5L LCF
Navistar T444E
Navistar VT365
Navistar VT275
Navistar MaxxForce 5 / 7

EXCLUSIVE PARTS

Cleaning / Prep

Injector Brush Kit

Year Range:
2003–2015

Application:
Dodge/Cummins 5.9L, 6.7L

AP0083



Injector Brush Kit

Year Range:
1994–2003
1994–2014
1998–2006

Application:
Ford 7.3L
Navistar T444E, DT466, MaxxForce DT / 9 / 10 / N9 / N10
Caterpillar 3126, C7, C9

AP0084



Injector Brush Kit

Year Range:
2003–2015
2003–2014
2003–2015
2001 and Later
2001 and Later

Application:
Ford 4.5L LCF, 6.0L, 6.4L, 6.7L
Navistar VT365, VT275, MaxxForce 5 / 7
GM 6.6L
John Deere 4.5L/6.8L, 8.1L, 9.0L HPCR
Isuzu 4HK1, 6HK1 HPCR

AP0085



Diagnostic Tools



For more information on Diagnostic Tools please visit alliantpower.com

OEM PART NUMBER CROSS REFERENCE

OEM Part Number	AP Part Number	Pages(s)	OEM Part Number	AP Part Number	Pages(s)	OEM Part Number	AP Part Number	Pages(s)
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12639460	AP90006	108	1825248C91	HP005X	55	1832092C92	AP63686	94
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12651583	PFRK50309	113	1825260C91	HP004X	55	1832093C2	AP63686	94
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1807369C2	AP63466	84	1826794C93	APM61067	54	1833645C1	AP63804AE	53
1814376C1	AP63411	54	1828345C91	AP63412	75, 95	1833646C92	AP63804AE	53
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1842226C91	AP66979	91	1876736C91	AP63491	55	2503703C91	HP005X	55
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