



PAI MONTHLY NEWSLETTER - SEPTEMBER 2024 EDITION

STAY CURRENT



World Tested. Performance Proven.

SEPTEMBER 2024



STAY CURRENT

WORLD TESTED. PERFORMANCE PROVEN.

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STAY CURRENT

ISO:9001 CERTIFIED

Price Reduced

| PAI Reference | OEM Reference | Description |
|-----------------------------|----------------------|---------------------|
| ESO-1207OEM | MAK 805GC54B | Brake Solenoid |
| HCL-1450 | MAK 745-228790 | Clevis |
| GSH-1725OEM | MAK 591KC2370 | Range Assembly |
| BCP-2423 | MAK 33KN412A | Cage |
| HWH-3289 | MAK 26QJ31P9 | Wheel Assembly |
| FHL-5248 | MAK 2MO525AM | Headlamp Assembly |
| EE96180 | EAT 127271 | Gear Set |
| EM57820 | MAK 84QS516A | Vent Window |
| EM92760 | SCH 171702 | Turbocharger |
| ER76590 | ROK A-35812-20 | Gear Set |
| 040128OEM | CUM 3903112 | Screw |
| 045078OEM | CUM 5284228 | Cooling Nozzle |
| 045102OEM | CUM 4962476 | Cooler Bracket |
| 050527 | CUM 3318201 | Water Filter |
| 050713OEM | CUM 3104227 | Wire Harness |
| 050721OEM | CUM 4307496 | Ammonia Sensor |
| 060175E | CUM 4089290 | Cylinder Head Assy. |
| 101090 | CUM 4025167 | Cylinder Kit |
| 132060OEM | CUM 3347832 | Grommet |
| 141326OEM | CUM 3882346 | Transfer Tube |
| 161649 | CUM 2881719 | Liner Kit |
| 161651 | CUM 4309389 | Liner Kit |
| 161651E | CUM 4309389 | Liner Kit |
| 171659 | CUM 4925761 | Crankshaft |
| 172027OEM | CUM 3689001 | Speed Ring |
| 180132OEM | CUM 4089431 | Fuel Pump Assembly |
| 181990OEM | CUM 3599023 | Acc. Drive Pulley |
| 191841OEM | CUM 3102901 | Camshaft |
| 202002OEM | CUM 4942075 | Crankshaft Damper |
| 331672OEM | CAT 2585646 | Cover Gasket |
| 340008 | CAT 2421811 | Cylinder Head Bolt |
| 340020OEM | CAT 1118606 | Screw |

| PAI Reference | OEM Reference | Description |
|---------------------------|--------------------------|------------------------|
| 340044OEM | CAT 6V9607 | Screw |
| 340048OEM | CAT 3134620 | Screw |
| 341331OEM | CAT 1499110 | Oil Pump Drive Gear |
| 342012OEM | CAT 0L0364 | Lock |
| 360400OEM | CAT 1029089 | Cam Cover |
| 370015 | CAT 9Y7735 | Rod Bearing |
| 391832OEM | CAT 6I1241 | Pushrod |
| 505175 | CUM 4309441 | Ring Set |
| 605010 | DDC 23503747 | Ring Set |
| 605010E | DDC 23503747 | Ring Set |
| 640068OEM | DDC 8929795 | Screw |
| 640075OEM | DDC 8929152 | Dowel Pin |
| 640076OEM | DDC 8929153 | Dowel Pin |
| 641214OEM | DDC A4711802601 | Oil Pump |
| 650690OEM | DDC 23530572 | Temperature Sensor |
| 671590 | DDC 23526142 | Bearing |
| 671590F | DDC 23526142 | Bearing |
| 680349OEM | DDC 23507409 | Fuel Pump |
| 681149 | N/A | Exhaust Manifold Assy. |
| 681168 | N/A | Exhaust Manifold Kit |
| 691923OEM | DDC 23524292 | Camshaft |
| 801106OEM | MAK 302GC4120 | Fan Pulley |
| 801108OEM | MAK 302GC474 | Crankshaft Pulley |
| 803241 | GUN TW235K | Trailer Wheel |
| 803817 | MAK 98QL24M3 | Spacer Plate |
| 803830 | MAK 97QL5119M | Bracket Assembly |
| 804054 | MAK 3MF5540 | Radiator |
| 804131OEM | MAK 4379-RD342400 | Control Panel |
| 804257 | MAK 22662259 | Cab Shock |
| 808094OEM | MAK 68KH414P8 | Drive Axle |
| 821022 | MAK 270950 | Liner Seal Kit |
| 831049 | MAK 20541940 | Oil Pan Gasket |



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Price Reduced

| PAI Reference | OEM Reference | Description |
|------------------------------|---------------|--------------------|
| 840095 | MAK 63AX3447 | Fitting |
| 840145 | VOL 22891468 | Coolant Hose |
| 841209E | MAK 21377346 | Oil Pan Kit |
| 841945 | VOL 21480645 | EGR Cooler |
| 841955 | MAK 85136428 | EGR CoolerKit |
| 861612 | MAK 21334768 | Liner |
| 861613 | N/A | Liner Kit |
| 871040 | N/A | Main Bearing Kit |
| 871062 | N/A | Cam Bearing Kit |
| 871100 | MAK 20580558 | Rod Bearing |
| 900190 | FUL A-6756 | Countershaft Assy. |
| MV1101-001 | N/A | Engine Kit |
| MV1301-001 | MAK 85119956 | Engine Kit |
| MV1301E-001 | MAK 85119956 | Engine Kit |
| MV1302-001 | N/A | Engine Kit |
| MV1302E-001 | N/A | Engine Kit |
| MV1303-001 | MAK 85138502 | Engine Kit |
| MV1303E-001 | MAK 85138502 | Engine Kit |
| MV1304-001 | N/A | Engine Kit |
| MV1340E-001 | N/A | Engine Kit |
| MV1304-001HP | N/A | Engine Kit |
| MV1305-001 | N/A | Engine Kit |



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Featured Item: Detroit Diesel DD15 Exhaust Manifold Assembly

PAI's Exhaust Manifolds are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement Exhaust Manifold Kit (681149) fits Detroit Diesel DD15 Exhaust Manifold Assembly, replaces OEM pieces A4721420901 & A4721401914.



| PAI Reference | OEM Reference |
|--|---------------|
| 681149 | -- |
| Material: Cast Iron | |
| Description: Exhaust Manifold Kit | |
| Application: Detroit Diesel DD15 Exhaust Manifold Assembly | |
| Front/Rear Manifold: PAI Ref. 681148(2) OE Ref. A4721401914 | |
| Center Manifold: PAI Ref. 681147(1) OE Ref. A4721420901 | |
| Note: Preassembled in the USA | |

Material: Cast Iron

Detroit Diesel DD15 Exhaust Manifold Assembly

Direct Replacement for Detroit Diesel Manifold Front/Rear (A4721401914)

Direct Replacement for Detroit Diesel Manifold Center (A4721420901)

Ensures Optimum Fit & Performance

OEM Recommended Specs

2-Year Warranty

TWO YEAR WARRANTY Unlimited Mileage



ORDER NOW



Call 800-654-3721 or visit www.paiindustries.com for additional Engine Components.

Use of other manufacturers' names, part numbers or trademarks are for informational and identification purposes only. [Scan QR for ESN Requirements >>](#)



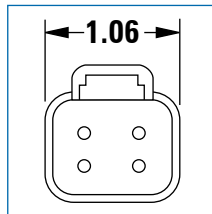
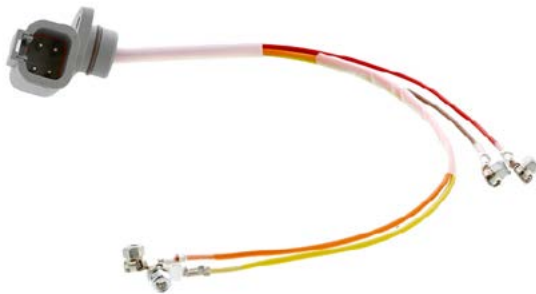


STAY CURRENT

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Featured Item: Cummins Injector Harness

PAI's Injector Harnesses are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement Injector Harnesses (050709) fits Cummins ISC, ISL, ISL9 Engine applications, replaces OEM 4934545.



Pin Count: 4 Male Pins

High-Grade Material

Cummins ISC, ISL, & ISL9 Engine Application

Ensures Optimum Fit & Performance

Direct Replacement for Cummins Injector Harness 4934545

OEM Recommended Specs

2-Year Warranty

| PAI Reference | OEM Reference |
|---|-----------------------------|
| 050709 | CUM 4934545 |
| Cable Length A: 7.5in | Cable Length B: 13in |
| Pin Count: 4 Male Pins | |
| Description: Cummins Injector Harness | |
| Application: Cummins ISC, ISL, & ISL9 Engine | |
| Note: 2 Injector Harness Connectors | |

TWO YEAR Unlimited Mileage

WARRANTY



ORDER NOW



Call 800-654-3721 or visit www.paiindustries.com for additional Engine Components.

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| PAI Reference | OEM Reference | Order |
|---|----------------|-------|
| 960350 | DAN 101-464-1X | |
| Description: Sychronizer | | |
| Application: Spicer - Easy Shift 7 Speed - ES52 & ES065 Transmission | | |
| 6th & 7th Mainshaft 33 Teeth | | |



| PAI Reference | OEM Reference | Order |
|---|----------------|-------|
| 960351 | DAN 101-464-2X | |
| Description: Sychronizer | | |
| Application: Spicer - Easy Shift 7 Speed - ES52 & ES065 Transmission | | |
| 4th & 5th Mainshaft 40 Teeth | | |



| PAI Reference | OEM Reference | Order |
|---|----------------|-------|
| 960352 | DAN 101-464-3X | |
| Description: Sychronizer | | |
| Application: Spicer - Easy Shift 7 Speed - ES52 & ES065 Transmission | | |
| 2nd & 3rd Mainshaft 45 Teeth | | |

Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors



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Engine

Sensors



| PAI Reference | OEM Reference | Order |
|--------------------------------------|---------------|-------|
| 390060E | CAT 1017788 | |
| Description: Valve Lifter | | |
| Application: Caterpillar 3406 | | |



| PAI Reference | OEM Reference | Order |
|--|---------------|-------|
| 180309 | CUM 2872288 | |
| Description: Fuel Injector Tube | | |
| Application: Cummins ISL | | |



| PAI Reference | OEM Reference | Order |
|---|---------------|-------|
| 131344 | CUM 2882148 | |
| Description: EGR Gasket Kit | | |
| Application: Cummins X15 ISX12 | | |



| PAI Reference | OEM Reference | Order |
|---|--------------------|-------|
| 181832OEM | CUM 3690535 | |
| Description: Thermostat(235°) | | |
| Application: Cummins ISX ISX12 | | |



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| PAI Reference | OEM Reference | Order |
|---------------------------------------|---------------|-------|
| 141277 | CUM 3692887 | |
| Description: Oil Pan Kit | | |
| Application: Cummins ISX / QSK | | |



| PAI Reference | OEM Reference | Order |
|------------------------------------|---------------|-------|
| 141466 | CUM 4309498 | |
| Description: EGR Cooler Kit | | |
| Application: Cummins ISX12 | | |



| PAI Reference | OEM Reference | Order |
|--|------------------------|-------|
| 680348 | DDC A0000900069 | |
| Description: Fuel Meter(Valve) | | |
| Application: Detroit Diesel DD13 / DD15 | | |
| 2 Male Pins Includes 3 M6 x 1.0 Torx Head Screws | | |



| PAI Reference | OEM Reference | Order |
|--|------------------------|-------|
| 650626 | DDC A0101538128 | |
| Description: NOX Sensor | | |
| Application: Detroit Diesel Multiple | | |
| 16.5in Lead Length Gray Housing 4 Pin Contact M20 x 1.5 w/ High Temperature Anti-Seize Compound | | |

Air & Electrical
Cab & Chassis
Drivetrain
Engine
Sensors



STAY CURRENT

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Air & Electrical

Cab & Chassis

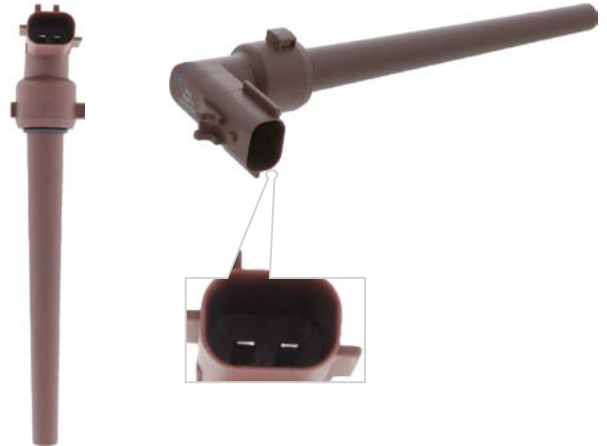
Drivetrain

Engine

Sensors



| PAI Reference | OEM Reference | Order |
|---|---------------|-------|
| 609890EX | DDC 414703003 | |
| Description: Fuel Injector Assembly(Reman) | | |
| Application: Detroit Diesel S60 | | |



| PAI Reference | OEM Reference | Order |
|---|------------------|-------|
| 740411 | FTL 06-96622-002 | |
| Description: Coolant Level Sensor | | |
| Application: Freightliner Multiple | | |
| Includes O-Ring | | |



| PAI Reference | OEM Reference | Order |
|--|---------------|-------|
| 705000EX | PAC 1972591PE | |
| Description: Fuel Injector Assembly | | |
| Application: PACCAR MX-13 | | |



| PAI Reference | OEM Reference | Order |
|--|---------------|-------|
| 730452E | PAC 2137593PE | |
| Description: Exhaust Back Pressure Sensor | | |
| Application: PACCAR MX-13 | | |
| 1.98in OAL M12 x 1.5 Threads Includes O-Ring (1) | | |



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| PAI Reference | OEM Reference | Order |
|--|---------------|-------|
| 841209E | MAK 21377346 | |
| Description: Oil Pan Kit(Rear Sump) | | |
| Application: Mack MP8 Volvo D13 | | |
| Steel 38 Quart | | |



| PAI Reference | OEM Reference | Order |
|---|---------------|-------|
| 801159 | MAK 21468474 | |
| Description: Water Pump Kit | | |
| Application: Mack Volvo Multiple | | |



| PAI Reference | OEM Reference | Order |
|--|----------------|-------|
| 841219 | MAK 715GB3136B | |
| Description: Dipstick w/ Tube | | |
| Application: Mack E7/RB/RD/MR/MRU/CXN/CXU | | |
| Includes O-Ring (1) | | |



| PAI Reference | OEM Reference | Order |
|--|---------------|-------|
| 880853 | N/A | |
| Description: Oil Separator Repair Kit | | |
| Application: Mack Volvo Multiple | | |

Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors



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New Engine Kits Available

| OEM REFERENCE | PAI REFERENCE | APPLICATION |
|---------------|--------------------------------------|-----------------|
| N/A | C12151-049 w/o Crown | Caterpillar C12 |
| N/A | C15112-010 | Caterpillar C15 |
| N/A | 855029E-017 | Cummins 855 |
| N/A | 855036E-001 | Cummins 855 |
| N/A | 855036E-017 | Cummins 855 |
| N/A | 855078E-001 | Cummins 855 |
| N/A | ISB637-076 | Cummins ISB |
| N/A | MV1340E-001 | Mack MP8 |
| N/A | N14104E-017 | Cummins N14 |



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Additional New Items

| PAI Reference | OEM Reference | Description |
|---------------------------|------------------------|----------------------|
| 040006E | CUM 3071161 | Head Bolt |
| 040198 | CUM 5362092 | Plug |
| 111433 | N/A | Monotherm Piston Kit |
| 111813 | CUM 5255257 | Piston |
| 111816 | CUM 5302254 | Piston |
| 136188 | CUM 3862674 | Drive Gear Seal |
| 171915F | N/A | Rod Bearing Kit |
| 311300HP | N/A | Monotherm Piston |
| 470030E | NAV 1808069C92 | Main Bearing |
| 470065E | NAV 1808059C92 | Bearing |
| 611068 | N/A | Piston Kit |
| 640075OEM | DDC 8929152 | Dowel Pin |
| 640076OEM | DDC 8929153 | Dowel Pin |
| 640093OEM | DDC A4721420853 | Manifold Spacer |
| 671602E | DDC 23530555 | Thrust Bearing |
| 730378 | KEN K301401 | Pressure Switch |
| 741441 | N/A | Screw |
| 821034 | MAK 8148-2360911 | O-Ring |
| 821065 | MAK 8148-2369021 | Sealing Ring |
| 840092OEM | VOL 20587534 | Fitting |
| 900271OEM | FUL 3315765 | Spring |
| 931008OEM | FUL 4304820 | Housing Gasket |