



PAI MONTHLY NEWSLETTER - MAY | JUNE 2025 EDITION

# STAY CURRENT



World Tested. Performance Proven.

MAY | JUNE 2025



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## Price Reduced

PAI Reference	OEM Reference	Description
<a href="#">FSW-0492</a>	MAK 1MR3583M	Switch
<a href="#">FSW-0527</a>	MAK 1MR3319A	Switch
<a href="#">FIM-4678</a>	MAK 20QL37P6	Insulator
<a href="#">BBG-6145</a>	MAK 2719-78916	Bearing
<a href="#">161703</a>	CUM 5289507	Turbo Gasket
<a href="#">180114</a>	CUM 4943049	Fuel Pump
<a href="#">202016</a>	CUM 3690868	Crankshaft Damper
<a href="#">360462J</a>	CAT 2635055	Cylinder Head
<a href="#">490064</a>	NAV 1850160C3	Roller Lifter
<a href="#">803948</a>	MAK 11QX44M	L/H Regulator
<a href="#">804049</a>	MAK 11QX51M	R/H Regulator



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## Featured Item: PACCAR DEF Coolant Solenoid

PAI's DEF Coolant Solenoid are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement DEF Coolant Solenoid (705068) fits PACCAR multiple applications, replaces OEM 5502-17.



**Pin Count: 2 Male Pins**

**Waterproof  
YM20 Connector**

**PACCAR Multiple  
Application**

**Direct Replacement  
for PACCAR 5502-17**

**Ensures Optimum Fit  
and Performance**

**OEM Recommended Specs**

**2-Year Warranty**

PAI Reference	OEM Reference
<b>705068</b>	<b>5502-17</b>
<b>Pin Count:</b> 2 Male Pins	
<b>Connector:</b> YM20 Waterproof	
<b>Description:</b> DEF Coolant Solenoid	
<b>Application:</b> PACCAR Multiple Applications	

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[www.pai.com](http://www.pai.com)



**ORDER NOW**



**Call 800-654-3721 or visit [www.pai.com](http://www.pai.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 >>](#)





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## Featured Item: Detroit Diesel Series 60 Exhaust Manifold Assembly

PAI's Exhaust Manifolds are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement Exhaust Manifold (681140) fits Detroit Diesel Series 60 Engine applications. It is sold as an assembled kit that includes front, rear, and center pieces as a single unit.



PAI Reference	OEM Reference
<b>681140</b>	--
<b>Material:</b> Cast Iron	
<b>Description:</b> Exhaust Manifold Assembly	
<b>Application:</b> Detroit Diesel Series 60	
Assembled kit that includes front, rear, and center pieces as a single unit. Replaces OEM 23537115, 23537114, & 23537116	

<b>Material:</b> Cast Iron
<b>Assembled Kit Includes</b> Front, Rear, and Center Pieces as a Single Unit
<b>Detroit Diesel Series 60</b> Engine Application
<b>Ensures Optimum Fit</b> and Performance
<b>OEM Recommended Specs</b>
<b>2-Year Warranty</b>

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PAI Reference	OEM Reference	Order
<a href="#">861630</a>	VOL 21034006	
<b>Description:</b> Timing Sensor Wheel		
<b>Application:</b> Volvo I-Shift		



PAI Reference	OEM Reference	Order
<a href="#">900653</a>	FUL 4304802	
<b>Description:</b> Countershaft Gear		
<b>Application:</b> Fuller RT / RTLO 22918		

1st Gear | 34 Teeth



PAI Reference	OEM Reference	Order
<a href="#">808140E</a>	MAK 61KH464	
<b>Description:</b> Bull Gear		
<b>Application:</b> Mack CRD 150/151		

46 / 47 Teeth | 3.40 Ratio

Air &amp; Electrical

Cab &amp; Chassis

Drivetrain

Engine

Sensors



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PAI Reference	OEM Reference	Order
<a href="#">331751</a>	CAT 4178843	
<b>Description:</b> Front Gasket Kit		
<b>Application:</b> Caterpillar C12		



PAI Reference	OEM Reference	Order
<a href="#">381180</a>	CAT 2900508	
<b>Description:</b> Turbocharger		
<b>Application:</b> Caterpillar C7 Electronic Wastegate		



PAI Reference	OEM Reference	Order
<a href="#">380145X</a>	CAT 1355459	
<b>Description:</b> High Pressure Injector Pump		
<b>Application:</b> Caterpillar 3126E		
Reman   36 Teeth		



PAI Reference	OEM Reference	Order
<a href="#">390098EX</a>	CAT 2490702	
<b>Description:</b> Reman Injector Assembly		
<b>Application:</b> Caterpillar C15 & C18		

Air & Electrical  
Cab & Chassis  
Drivetrain  
Engine  
Sensors



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PAI Reference	OEM Reference	Order
<a href="#">391871</a>	CAT 3327300	
<b>Description:</b> Camshaft		
<b>Application:</b> Caterpillar C18		

PAI Reference	OEM Reference	Order
<a href="#">391877</a>	CAT 8N8254	
<b>Description:</b> Camshaft Gear		
<b>Application:</b> Caterpillar 3406		
64 Teeth		



PAI Reference	OEM Reference	Order
<a href="#">391879</a>	CAT 2223907	
<b>Description:</b> Camshaft Gear		
<b>Application:</b> Caterpillar C11 & C13		
96 Teeth		

PAI Reference	OEM Reference	Order
<a href="#">381868OEM</a>	CAT 4P1749	
<b>Description:</b> Thermostat Housing		
<b>Application:</b> Caterpillar 3406 / 3406E		

Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors



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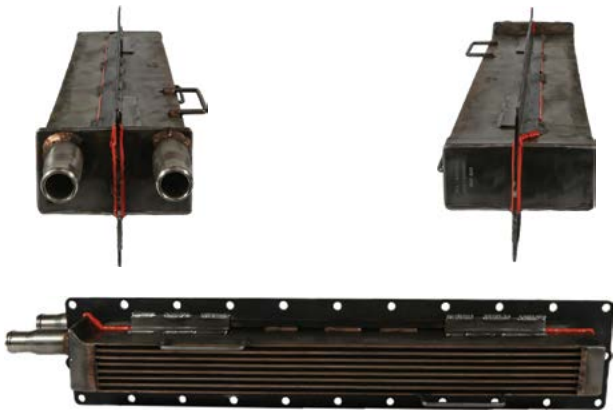
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PAI Reference	OEM Reference	Order
<a href="#">040184</a>	N/A	
<b>Description:</b> Cylinder Head Bolt Kit		
<b>Application:</b> Cummins L10   M11   ISM		
Includes Bolts (29)040010 (3045850) (3)040011 (4022907) (2)040012 (3028272) Washers (7)040013 (3882885) Studded Head Screws (5)040153OEM (3328637)		



PAI Reference	OEM Reference	Order
<a href="#">141447X</a>	CUM 3102803	
<b>Description:</b> EGR Cooler		
<b>Application:</b> Cummins ISM		



PAI Reference	OEM Reference	Order
<a href="#">141500</a>	CUM 4910355	
<b>Description:</b> Cooler Core		
<b>Application:</b> Cummins K19		



PAI Reference	OEM Reference	Order
<a href="#">141315E</a>	CUM 4988801	
<b>Description:</b> Oil Pump		
<b>Application:</b> Cummins ISB		

Air & Electrical  
Cab & Chassis  
Drivetrain  
Engine  
Sensors



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Air & Electrical

Cab & Chassis

Drivetrain

Engine

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PAI Reference	OEM Reference	Order
<a href="#">680358EX</a>	DDC A4700900050	
<b>Description:</b> Reman Fuel Pump		
<b>Application:</b> Detroit Diesel DD15 & DD16		



PAI Reference	OEM Reference	Order
<a href="#">660032UX</a>	DDC A4720151802	
<b>Description:</b> Used Flywheel Housing		
<b>Application:</b> Detroit Diesel DD15		



PAI Reference	OEM Reference	Order
<a href="#">641314</a>	DDC A9061420619	
<b>Description:</b> EGR Valve		
<b>Application:</b> Detroit Diesel   Mercedes Multiple		
Includes Gasket		



PAI Reference	OEM Reference	Order
<a href="#">609899EX</a>	DDC R5235915	
<b>Description:</b> Fuel Injector Assembly		
<b>Application:</b> Detroit Diesel Series 60		



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PAI Reference	OEM Reference	Order
<a href="#">481134HP</a>	NAV 7092501C95	
<b>Description:</b> HP Exhaust Manifold Kit		
<b>Application:</b> International MAXXFORCE		



PAI Reference	OEM Reference	Order
<a href="#">831139</a>	MAK 21442804	
<b>Description:</b> Lower Gasket Kit		
<b>Application:</b> Mack MP7   Volvo D11		



PAI Reference	OEM Reference	Order
<a href="#">845057</a>	VOL 22439692	
<b>Description:</b> Solenoid Valve		
<b>Application:</b> Volvo M Drive		
AT2612F, ATO2612F, ATO3112F		



PAI Reference	OEM Reference	Order
<a href="#">801158E</a>	VOL 24152057	
<b>Description:</b> Water Pump Kit		
<b>Application:</b> Mack MP8   Volvo D13		

Air & Electrical  
Cab & Chassis  
Drivetrain  
Engine  
Sensors



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## New Engine Kits Available

OEM REFERENCE	PAI REFERENCE	APPLICATION
N/A	<a href="#">ISB635-076</a>	Cummins ISB
N/A	<a href="#">ISL301-051</a>	Cummins ISL
CUM 6429511	<a href="#">ISX116-225</a>	Cummins ISX
MAK 85138502	<a href="#">MV1303E-001</a>	Volvo D13
N/A	<a href="#">S60111-001</a>	Detroit Diesel Series 60



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## Additional New Items

PAI Reference	OEM Reference	Description
<a href="#">040183OEM</a>	<b>CUM 4394445</b>	Screw
<a href="#">045080</a>	CUM 5341745	Cooling Nozzle
<a href="#">111387HP</a>	CUM 3802460	Piston Kit
<a href="#">121176</a>	N/A	Injector O-Ring
<a href="#">136196</a>	CUM 3688622	Turbo Gasket
<a href="#">151516E</a>	CUM 43067	Pin Bushing
<a href="#">321501</a>	CAT 2722462	Sealing Ring
<a href="#">331740</a>	CAT 2395571	Cover Gasket
<a href="#">405034HP</a>	NAV 1876098C91	Ring Set
<a href="#">431300OEM</a>	<b>NAV 1807263C1</b>	Gasket
<a href="#">431302OEM</a>	<b>NAV 1858160C1</b>	Gasket
<a href="#">436012OEM</a>	<b>NAV 1841771C1</b>	Seal
<a href="#">440017OEM</a>	<b>NAV 1827078C2</b>	Bolt
<a href="#">440025E</a>	NAV 1883133C1	Bolt
<a href="#">450554</a>	NAV 2505850C2	Light Switch
<a href="#">451387</a>	NAV 3600330C1	Relay
<a href="#">451561OEM</a>	<b>NAV 4542216C4</b>	Striker Pin
<a href="#">621100</a>	N/A	O-Ring Kit
<a href="#">621125</a>	N/A	O-Ring Kit
<a href="#">621132</a>	DDC A4729970353	Hose
<a href="#">621133</a>	DDC A4729970453	Hose
<a href="#">631263</a>	DDC A4720140022	Oil Pan Gasket
<a href="#">640072OEM</a>	<b>DDC A1029910341</b>	Clamping Pin
<a href="#">640147OEM</a>	<b>DDC A0219901701</b>	Drain Plug
<a href="#">640148</a>	N/A	Drain Plug Kit
<a href="#">641200OEM</a>	<b>DDC A0000101285</b>	Oil Cap
<a href="#">691918E</a>	DDC A4710500426	Intake Valve
<a href="#">691919E</a>	DDC A4710500527	Exhaust Valve
<a href="#">740063UX</a>	FTL A05-28770-000	Bracket
<a href="#">740414</a>	FTL A22-45194-001	A/C Switch
<a href="#">741435</a>	FTL 402476-D	Bracket
<a href="#">741436</a>	FT L402494	Bracket

PAI Reference	OEM Reference	Description
<a href="#">803602OEM</a>	<b>MAK 20960416</b>	Clamp
<a href="#">804103OEM</a>	<b>MAK 5839-870678A</b>	Filter
<a href="#">805050HP</a>	MAK 20747511	Ring Set
<a href="#">811026HP</a>	MAK 21161901	Piston
<a href="#">831119OEM</a>	<b>MAK 48RU21224M</b>	Cable Tie
<a href="#">840160OEM</a>	<b>MAK 42QE2308</b>	Hose Assembly
<a href="#">853773OEM</a>	<b>MAK 22059325</b>	Wire Harness
<a href="#">871006</a>	VOL 24247097	Main Bearing