



PAI MONTHLY NEWSLETTER - FEBRUARY 2022 EDITION

# STAY CURRENT



World Tested. Performance Proven.

FEBRUARY 2022



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## Featured Item: Detroit Diesel Series 50 & 60 Connecting Rod Kit (Includes Six Weight Balanced Rods)

PAI's Connecting Rods are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. These replacement Connecting Rods fit Detroit Diesel Series 50 & 60 Engine Applications, replaces OEM 23526078.



PAI Reference	OEM Reference
671660-006	DDC 23526078
<b>Material:</b> Steel	
<b>Six Weight Balanced Connecting Rods</b>	
<b>Description:</b> Connecting Rod Kit (Includes 6 Connecting Rods)	
<b>Application:</b> Detroit Diesel Series 50 & 60 Engine   12.7L, DDEC IV	

**TWO YEAR** WARRANTY Unlimited Mileage



ORDER NOW



**Kit Includes All  
Six(6) Connecting Rods**

**Weight Balanced  
Connecting Rod Set**

**Material: Steel**

**Detroit Diesel Series 50 &  
60 Engine Application**

**Ensures Optimum Fit  
and Performance**

**Direct Replacement for  
Detroit Diesel 235260768**

**OEM Recommended Specs**

**2-Year Warranty**

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





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## Featured Item: Detroit Diesel Series 60 Engine Water Pump Assembly w/ Vertical Inlet Connection

PAI's Water Pump Assemblies are thoroughly tested to ensure optimum fit and performance on specific engine applications. This replacement Water Pump Assembly fits Detroit Diesel Series 60 Engine Application, replaces OEM 23538637.



PAI Reference	OEM Reference
681817	DDC 23538637
Material: Cast Iron	
Gear Size: 4.90in O.D.   Gear Teeth Qty.: 49	
Vertical Inlet Connection	
Description: Water Pump Assembly	
Application: Detroit Diesel Series 60 Engine w/ EGR   DDEC VI	

**100% Manufactured & Assembled by PAI**

**Vertical Inlet Connection**

**Material: Cast Iron**

**Detroit Diesel Series 60 Engine Application**

**Ensures Optimum Fit and Performance**

**Direct Replacement for Detroit Diesel 23538637**

**2-Year Warranty**

**TWO YEAR** WARRANTY Unlimited Mileage



**ORDER NOW**



**Call 800-654-3721 or visit [www.paiindustries.com](http://www.paiindustries.com) for additional Engine Components.**

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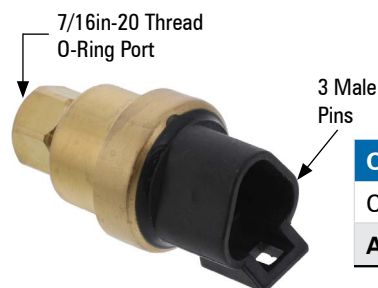
## Price Reduced

PAI Reference	OEM Reference	Description
<a href="#">EIH-2057</a>	MAK 45MD443M	Intake Hose
<a href="#">LSV-3154</a>	MAK 20QE4183M	Selector Valve
<a href="#">EM55860</a>	MAK26QE377	Dryer Assembly
<a href="#">050777</a>	CUM 2894939	NOX Sensor
<a href="#">060177OEM</a>	<b>CUM 2864028</b>	Cylinder Head
<a href="#">132025</a>	CUM 4024946	Upper Gasket Kit
<a href="#">431204</a>	NAV 1817254C96	Gasket Set
<a href="#">441173</a>	NAV 1830836C91	Oil Pan
<a href="#">681813</a>	DDC R23535017	Water Pump Assembly
<a href="#">740265</a>	FTL A14-13495-005	Switch
<a href="#">750267</a>	HDK 50501-017	Equalizer Beam
<a href="#">808089OEM</a>	<b>MAK 68KH414P7</b>	Axle
<a href="#">808092</a>	MAK 68KH415P3	Drive Axle



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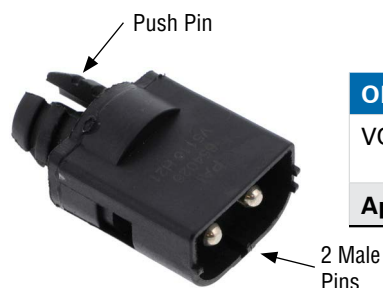
WORLD TESTED. PERFORMANCE PROVEN.



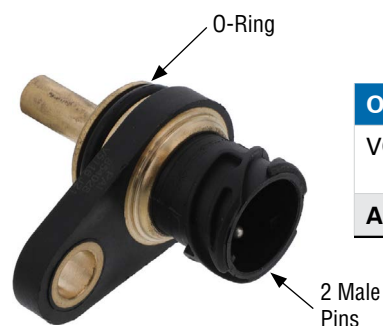
OEM Reference	PAI Reference	Description
CAT 1834760	<a href="#">350607</a>	Pressure Sensor(2.16 OAL)
<b>Application:</b> Caterpillar 3126		



OEM Reference	PAI Reference	Description
CUM 4984929	<a href="#">050746</a>	Differential Pressure Sensor (3.50in/4in OAL)
<b>Application:</b> Cummins Multiple		



OEM Reference	PAI Reference	Description
VOL 20927970	<a href="#">854026</a>	Ambient Air Temperature Sensor (1.50in OAL)
<b>Application:</b> Mack / Volvo Multiple		



OEM Reference	PAI Reference	Description
VOL 20576617	<a href="#">854028</a>	Coolant Temperature Sensor (2.26in OAL)
<b>Application:</b> Mack / Volvo Multiple		



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OEM Reference	PAI Reference	Description
<b>MAK 25501770</b>	<a href="#">806767OEM</a>	Mainshaft Gear(4th) (42 Teeth x 35 Splines)
<b>Application:</b> Mack TM308		



KEY	OEM REFERENCE	PAI REFERENCE	DESCRIPTION	APPLICATION
1	VOL 20771702	<a href="#">806849</a>	Input Shaft (1.95in x 24 Spline)	Volvo M Drive
2	VOL 22358444	<a href="#">806851</a>	Input Shaft (1.95in x 24 Spline)	Volvo M Drive



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OEM Reference	PAI Reference	Description
<b>CAT 1878972</b>	<a href="#">371632OEM</a>	Crankshaft Gear(48 Teeth)
<b>Application:</b> Caterpillar C13		



OEM Reference	PAI Reference	Description
<b>CAT 3186357</b>	<a href="#">380165</a>	Fuel Pump
<b>Application:</b> Caterpillar C9		



OEM Reference	PAI Reference	Description
<b>CUM 3689465</b>	<a href="#">180943</a>	KIT, Idler Pulley(6 Grooves) Includes Pulley (1)180946 Nut (1)180943-001 Dust Shield (1)180943-002 Screw (1)840013(M10 x 1.5)
<b>Application:</b> Cummins ISX / ISX 15		



OEM Reference	PAI Reference	Description
<b>CUM 3883324</b>	<a href="#">181982E</a>	Accessory Drive Pulley(5 Grooves)
<b>Application:</b> Cummins L10 / M11 / ISM		



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OEM Reference	PAI Reference	Description
<b>CUM 4089431</b>	<a href="#">180132OEM</a>	Fuel Pump Assembly(16 Teeth) Includes Gasket (1)131931
<b>Application:</b> Cummins ISX / ISX 15		



OEM Reference	PAI Reference	Description
CUM 3901049	<a href="#">141287E</a>	Oil Pan Kit Includes Hardware
<b>Application:</b> Cummins 4B 3.9L		



OEM Reference	PAI Reference	Description
DDC 23534360	<a href="#">681211</a>	Turbocharger(12.7L w/ EGR) (Includes Gaskets)
<b>Application:</b> Detroit Diesel 60 Series		



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OEM Reference	PAI Reference	Description
DDC A4711800043	<a href="#">645032</a>	Piston Cooling Nozzle
<b>Application:</b> Detroit Diesel DD13		



OEM Reference	PAI Reference	Description
MAK 85132267	<a href="#">841951</a>	Oil Cooler Kit Includes Oil Cooler (1)841950 Clamps (2)842020 Screws (4)840036 Spacers (4)840054 EGR Hose Kit (1)841976 Oil Seals (2)831021 (7)821070 Gaskets (6)831033 (1)831005 (1)831023 (2)831025 Rings (1)821056 (1)836014 (1)831006 (2)821075 (1)831029
<b>Application:</b> Mack MP8 / Volvo D13		



KEY	OEM REFERENCE	PAI REFERENCE	DESCRIPTION	APPLICATION
1	MAK 45MD384M	<a href="#">EIH-2015</a>	Air Inlet Hose(Silicone) (3.375in ID x 6.44in Long)	Mack Multiple
2	MAK 45MD391M	<a href="#">EIH-2016</a>	Air Inlet Hose(Silicone) (3.375in ID x 7.88in Long)	Mack Multiple



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## New Engine Kits Available

OEM REFERENCE	PAI REFERENCE	APPLICATION
N/A	<a href="#">4BS105-001</a>	Cummins 4B
N/A	<a href="#">C12153-049 w/o Piston</a>	Caterpillar C12
N/A	<a href="#">DD1301-001</a>	Detroit Diesel DD13



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## Additional New Items

PAI Reference	OEM Reference	Description
<a href="#">042173</a>	CUM 2872317	Connector
<a href="#">180241</a>	CUM 4386023	Relief Plunger
<a href="#">340007OEM</a>	<b>CAT 8T7950</b>	Screw
<a href="#">340126</a>	CAT 5H2671	Woodruff Key
<a href="#">342012OEM</a>	CAT 0L0364	Lock
<a href="#">410122</a>	NAV 3005634C2	Piston
<a href="#">431383</a>	NAV 1882123C1	Collar Gasket
<a href="#">431386</a>	NAV 1880984C3	Breather Gasket
<a href="#">431387</a>	NAV 1882956C1	Cooler Gasket
<a href="#">431388</a>	NAV 1876994C1	Cooler Gasket
<a href="#">440049OEM</a>	<b>NAV 1817963C1</b>	Capscrew
<a href="#">440054OEM</a>	<b>NAV 3003213C1</b>	Screw
<a href="#">440055OEM</a>	<b>NAV 62904900079</b>	Rod Bolt
<a href="#">440082OEM</a>	<b>NAV 27326R1</b>	Washer
<a href="#">640028OEM</a>	<b>DDC 23531401</b>	Turbo Nut
<a href="#">640040OEM</a>	<b>DDC A0269979182</b>	Fitting
<a href="#">640120</a>	N/A	Plunger Stop
<a href="#">641223</a>	N/A	Relief Plunger
<a href="#">730323</a>	PAC 0336744PE	Drain Plug
<a href="#">840077OEM</a>	<b>MAK 3088-5554902</b>	Fitting
<a href="#">840093OEM</a>	<b>VOL 20527447</b>	Fitting
<a href="#">840104OEM</a>	<b>MAK 63AX3844</b>	Fitting
<a href="#">840136OEM</a>	<b>MAK 20971050</b>	Nut
<a href="#">840142OEM</a>	<b>MAK 142GC250M</b>	Nut
<a href="#">840143OEM</a>	<b>VOL 20451904</b>	Threaded Insert
<a href="#">940261OEM</a>	<b>ROK 3208-N-1080</b>	Gasket

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