



PAI MONTHLY NEWSLETTER - AUGUST 2024 EDITION

# STAY CURRENT



World Tested. Performance Proven.

AUGUST 2024



# STAY CURRENT

WORLD TESTED. PERFORMANCE PROVEN.

## Table of Contents

<a href="#">Price Reduced</a> .....	3-4
<a href="#">Featured Items</a> .....	5-7
<a href="#">Drive Train Components</a> .....	8
<a href="#">Engine Components</a> .....	9-12
<a href="#">New Engine Kits</a> .....	13
<a href="#">Additional New Items</a> .....	14



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## Price Reduced

PAI Reference	OEM Reference	Description	PAI Reference	OEM Reference	Description
<a href="#">MAL-1399</a>	MAK 2MJ529M	Alternator	<a href="#">181812</a>	CUM 3803605	Water Pump
<a href="#">EWA-1782</a>	MAK 711GC1146	Washer	<a href="#">181823</a>	CUM 3286278	Water Pump Assy.
<a href="#">EWP-3366</a>	MAK 316GC1211A	Water Pump	<a href="#">181879</a>	CUM 4089158	Water Pump Kit
<a href="#">EWP-3388</a>	MAK 316GC3193	Water Pump	<a href="#">181879E</a>	CUM 4089158	Water Pump Kit
<a href="#">BSH-5207</a>	MAK 68KH414P3	Drive Axle	<a href="#">181882</a>	CUM 4089909	Water Pump Kit
<a href="#">FHL-5249</a>	MAK 2MO526AM	Headlamp Assy.	<a href="#">181883E</a>	CUM 4955706	Water Pump
<a href="#">PAI5298A</a>	MAK 2MO520M	HeadLamp Assy	<a href="#">181914</a>	CUM 3684450	Water Pump Assy.
<a href="#">PAI5299A</a>	MAK 2MO521M	HeadLamp Assy	<a href="#">360422E</a>	N/A	Cylinder Head
<a href="#">GMS-6644</a>	MAK 615KC4202	Mainshaft	<a href="#">381807</a>	CAT 161-5719	Water Pump
<a href="#">EE90150</a>	EAT 211468	Gear Set	<a href="#">381815</a>	CAT 3522109	Water Pump Assy.
<a href="#">EE90180</a>	EAT 211469	Gear Set	<a href="#">441205</a>	NAV 1833357C95	Oil Pump
<a href="#">EM25040</a>	MAK 320KB3147	Synchronizer Assy.	<a href="#">441210</a>	NAV 1833356C95	Oil Pump
<a href="#">EM39500-002</a>	MAK 38QC375P2	Power Steering Pump	<a href="#">441210E</a>	NAV 1833356C95	Oil Pump
<a href="#">EM39500-003</a>	MAK 38QC375P3	Power Steering Pump	<a href="#">451421E</a>	NAV 1663204C91	Power Steering Pump
<a href="#">EM39550</a>	MAK 38QC367P6	Power Steering Pump	<a href="#">451422E</a>	NAV 1682625C91	Power Steering Pump
<a href="#">EM47310</a>	MAK 52QK418BP4	Spring Cap	<a href="#">451424E</a>	NAV 2005337C92	Power Steering Pump
<a href="#">EM69190</a>	MAK 2104-5443X	U-Joint	<a href="#">481801</a>	NAV 685155C95	Water Pump Assy.
<a href="#">042167</a>	CUM 3688114	Plug	<a href="#">481801E</a>	NAV 685155C95	Water Pump Assy.
<a href="#">121272</a>	CUM 3906697	Sealing Ring	<a href="#">481803</a>	NAV 1815538C91	Water Pump
<a href="#">131419</a>	CUM 3930906	Gasket	<a href="#">481803E</a>	NAV 1815538C91	Water Pump
<a href="#">136063</a>	CUM 3918188	Fuel Seal	<a href="#">481804</a>	NAV 1830606C94	Water Pump Kit
<a href="#">141277</a>	CUM 3692887	Oil Pan Kit	<a href="#">641211</a>	DDC 23505886	Lube Pump
<a href="#">141294</a>	CUM 3803698	Lube Pump	<a href="#">641212</a>	DDC 23527448	Lube Pump
<a href="#">141295</a>	CUM 3803369	Lube Pump	<a href="#">641213</a>	DDC A4721803101	Lube Pump
<a href="#">141296</a>	CUM 4003950	Lube Pump	<a href="#">641213E</a>	DDC A4721803101	Lube Pump
<a href="#">141300</a>	CUM 3821572	Lube Pump	<a href="#">641214</a>	DDC A4711802601	Oil Pan
<a href="#">141312</a>	CUM 3686938	Lube Pump	<a href="#">660024OEM</a>	<b>DDC 23514714</b>	OEM Gear Cover
<a href="#">141313</a>	CUM 2881757	Lube Pump	<a href="#">660085OEM</a>	<b>DDC A4700110307</b>	OEM Front Cover
<a href="#">141313E</a>	CUM 2881757	Lube Pump	<a href="#">660085UX</a>	DDC A4700110307	Used Front Cover
<a href="#">141317</a>	CUM 3800828	Lube Pump	<a href="#">681806</a>	DDC EA4722000401	Water Pump Assy.
<a href="#">180128</a>	CUM 5362271	Fuel Pump Assembly	<a href="#">681806E</a>	DDC EA4722000401	Water Pump Assy.
<a href="#">181805</a>	CUM 3801708	Water Pump Kit	<a href="#">681812</a>	DDC 23526039	Water Pump Assy.



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## Price Reduced

PAI Reference	OEM Reference	Description
<a href="#">681812E</a>	DDC 23526039	Water Pump Assy.
<a href="#">681813</a>	DDC R23535017	Water Pump Assy.
<a href="#">681813E</a>	DDC R23535017	Water Pump Assy.
<a href="#">681816</a>	DDC R23538636	Water Pump Assy.
<a href="#">741422</a>	FTL 14-14375-000	Power Steering Pump
<a href="#">741423</a>	FTL 14-14323-000	Power Steering Pump
<a href="#">750155</a>	HDK 64772-000	Front Axle Spring
<a href="#">803190</a>	MAK 18QH42AM	Lower Pin Cap
<a href="#">803832</a>	MAN M1211	Bracket Assembly
<a href="#">803833</a>	MAK 97QL5119M	Bracket Assembly
<a href="#">803940</a>	MAK 55QS36	Door Handle
<a href="#">804309</a>	MAK 7QH44M	X-Tube Assembly
<a href="#">806801</a>	MAK 320KB3149	Sliding Clutch
<a href="#">808140</a>	MAK 61KH464	Bull Gear
<a href="#">808141</a>	MAK 21016186	Bull Gear
<a href="#">821095</a>	MAK 977030	O-Ring
<a href="#">840009</a>	MAK 25309934	Screw
<a href="#">841209</a>	MAK 21377346	Oil Pan Kit
<a href="#">853755</a>	VOL 20792328	Pressure Sensor
<a href="#">891924</a>	MAK 20920956	Camshaft
<a href="#">891925</a>	MAK 21198713	Camshaft
<a href="#">940030</a>	ROK 3107-S-1111	Clutch
<a href="#">MV1302E-001</a>	N/A	Engine Kit

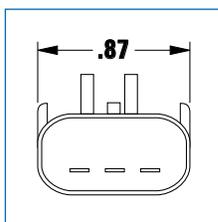


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## Featured Item: Detroit Diesel DPF Sensor

PAI's Sensors are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement DPF Sensors (650669) fits Detroit Diesel applications, replaces OEM A4721530928.



PAI Reference	OEM Reference
<b>650669</b>	<b>DDC A4721530928</b>
Pin Count: 3 Male Pins	Overall Length: 3.4in
Sensor Width: 1.24in	
Description: DPF Sensor	
Application: Detroit Diesel Multiple Use	

**Pin Count: 3 Male Pins**

**High-Grade Material**

**Detroit Diesel Multiple Use Engine Application**

**Ensures Optimum Fit & Performance**

**Direct Replacement for Detroit Diesel DPF Sensor A4721530928**

**OEM Recommended Specs**

**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.**

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



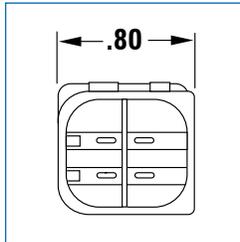


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## Featured Item: Detroit Diesel NOX Sensor

PAI's Sensors are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement NOX Sensor (650626) fits Detroit Diesel applications, replaces OEM A0101538128.



PAI Reference	OEM Reference
<b>650626</b>	<b>DDC A0101538128</b>
<b>Pin Count: 4</b>	<b>Cable Length: 16.5in</b>
<b>Lubrication Applied:</b> Anti-Seize Compound Applied	
<b>Description:</b> Detroit Diesel NOX Sensor	
<b>Application:</b> Detroit Diesel Multiple Use	

**High-Grade Material**

**Pin Count: 4**

**Detroit Diesel Multiple Use Engine Application**

**Ensures Optimum Fit & Performance**

**Direct Replacement for Detroit Diesel NOX Sensor A0101538128**

**OEM Recommended Specs**

**2-Year Warranty**

**TWO YEAR** Unlimited Mileage

WARRANTY



**ORDER NOW**



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## Featured Item: Detroit Diesel Oil Pump Kit with Spur Drive Gear

PAI's Oil Pumps are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement Oil Pump Kit (641209) fits Detroit Diesel Series 60 Engine Application Oil Pump replaces OEM Oil Pump (23527448), Pump Regulator(23512901), Relief Valve(23528691), and Shims (23508740).



PAI Reference	OEM Reference
<b>641209</b>	--
Gear Tooth Count: 49	
<b>Description:</b> Oil Pump Kit	
<b>Application:</b> Detroit Diesel Series 60 Engine Application (12L/14L EGR)	
<b>Oil Pump Kit Includes:</b> Oil Pump (641212), Oil Pump Regulator (641225), Oil Pump Relief Valve (641226), (2) Oil Pump Shims (641220)	

**TWO YEAR** WARRANTY Unlimited Mileage



**ORDER NOW**



**Oil Pump Regulator,  
Oil Pump Relief Valve,  
Oil Pump Shims Included**

**Gear Tooth Count: 49**

**Detroit Diesel 60 Series  
12L / 14L, EGR  
Engine Application**

**Direct Replacement for  
Detroit Diesel  
Oil Pump 23527448**

**Direct Replacement for  
Detroit Diesel Oil Pump  
Relief Valve 23528691**

**Direct Replacement for  
Detroit Diesel Pump  
Regulator 23512901**

**OEM Recommended Specs**

**2-Year Warranty**

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

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Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors

PAI Reference	OEM Reference	Order
<a href="#">940110</a>	N/A	
<b>Description:</b> Front Section Kit		
<b>Application:</b> RD/RP/RT 17140, 20140, 34145, 40140, 40145, 44145 Forward Tandem Axle		

PAI Reference	OEM Reference	Order
<a href="#">806811E</a>	MAK 84KC411	
<b>Description:</b> Low Range Hub		
<b>Application:</b> T310M, T2080B, T2110 B & D, T2130 & T2180, T313L & T318L, 30 External Teeth   21 Internal Teeth   Used w/ GSA-2497 Synchro Assembly		



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PAI Reference	OEM Reference	Order
<a href="#">380161OEM</a>	<b>CAT 1282050</b>	
<b>Description:</b> Fuel Supply Pump		
<b>Application:</b> Caterpillar 3100 / C7		
Aluminum   (2) 9/16in-18 O-Ring Ports   Uses 421209 O-Ring		



PAI Reference	OEM Reference	Order
<a href="#">331133-152</a>	N/A	
<b>Description:</b> Turbocharger Gasket Kit		
<b>Application:</b> Caterpillar 3400		



PAI Reference	OEM Reference	Order
<a href="#">341410</a>	CAT 2620834	
<b>Description:</b> Oil Cooler		
<b>Application:</b> Caterpillar C15 ACERT		
11 Plates   22.84in OAL   19.85in Center to Center   Use 331126-173 Gasket Kit		



PAI Reference	OEM Reference	Order
<a href="#">381853E</a>	N/A	
<b>Description:</b> Thermostat Kit		
<b>Application:</b> Caterpillar 3406E / C15 / C16 / C18		
190°   Non-Vented   Includes Thermostats (2)381851E Gaskets (1)331347 (1)331285 Seals (2)EOS-3305		

Air & Electrical  
Cab & Chassis  
Drivetrain  
Engine  
Sensors



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PAI Reference	OEM Reference	Order
<a href="#">141462</a>	N/A	
<b>Description:</b> Oil Cooler Kit		
<b>Application:</b> Cummins ISX		
Includes Core (1)141461 Screws (4)040105 Gasket Kit (1)131330		



PAI Reference	OEM Reference	Order
<a href="#">180882E</a>	CUM 5333480	
<b>Description:</b> Belt Tensioner		
<b>Application:</b> Cummins ISB & ISC		
Serpentine Belt   8 Groove		



PAI Reference	OEM Reference	Order
<a href="#">209955EX</a>	CUM 4327147	
<b>Description:</b> Reman Fuel Injector Assembly		
<b>Application:</b> Cummins X15		



PAI Reference	OEM Reference	Order
<a href="#">660085UX</a>	DDC A4700110307	
<b>Description:</b> Front Timing Cover(Used)		
<b>Application:</b> Detroit Diesel DD15		

Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors

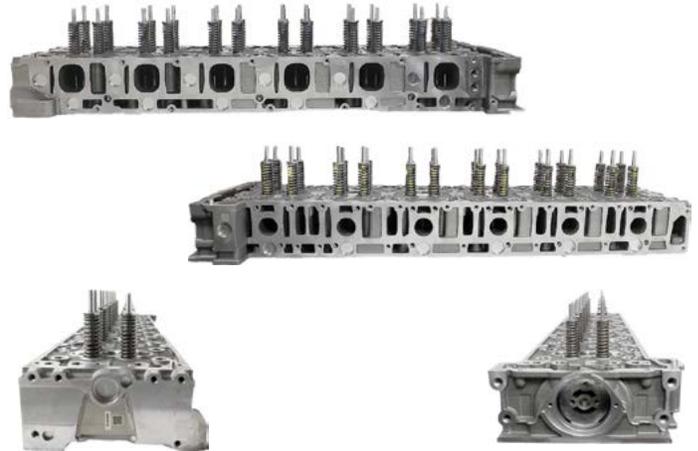


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PAI Reference	OEM Reference	Order
<a href="#">660048</a>	DDC A4720301105	
<b>Description:</b> Flywheel Assembly		
<b>Application:</b> Detroit Diesel DD15 & DD16		
15in   160 Teeth		



PAI Reference	OEM Reference	Order
<a href="#">660009E</a>	DDC A4730101420	
<b>Description:</b> Cylinder Head Assembly		
<b>Application:</b> Detroit Diesel DD15		
Includes Valves, Seats, Springs, Retainers, Guides, Pins & Injector Cups		



PAI Reference	OEM Reference	Order
<a href="#">740235</a>	FTL 379502	
<b>Description:</b> PTO Pressure Switch		
<b>Application:</b> Freightliner Multiple		
3/8in-24 Thread   Includes O-Ring		



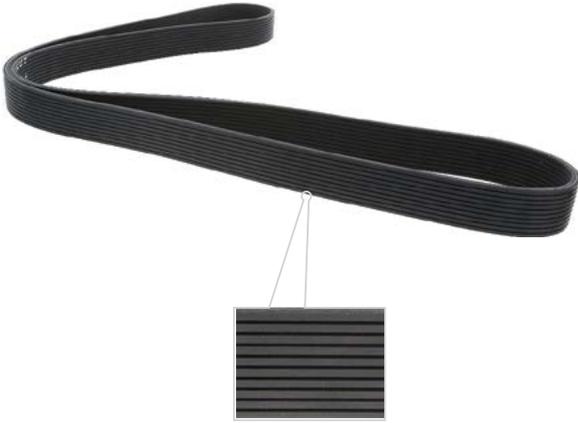
PAI Reference	OEM Reference	Order
<a href="#">481137</a>	N/A	
<b>Description:</b> Exhaust Manifold Kit		
<b>Application:</b> International DT-466E / DT-570 (2004 & Up)		

Air & Electrical  
Cab & Chassis  
Drivetrain  
Engine  
Sensors



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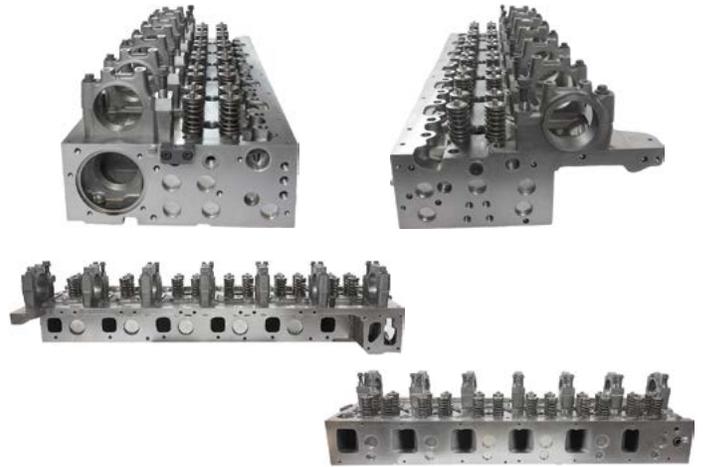
PAI Reference	OEM Reference	Order
<a href="#">880869</a>	MAK 88GB469P736	
<b>Description:</b> Serpentine Belt		
<b>Application:</b> Multiple		
9 Groove   73.25in Effective Length		



PAI Reference	OEM Reference	Order
<a href="#">880880E</a>	MAK 21422765	
<b>Description:</b> Belt Tensioner Kit		
<b>Application:</b> Mack MP7   Volvo D11		
Includes Tensioner (1) Screw (1)640014		



PAI Reference	OEM Reference	Order
<a href="#">841921</a>	MAK 22295738	
<b>Description:</b> Piston Cooling Nozzle		
<b>Application:</b> Mack MP8 & Volvo D13		



PAI Reference	OEM Reference	Order
<a href="#">805091E</a>	VOL 21342245	
<b>Description:</b> Loaded Cylinder Head Assembly		
<b>Application:</b> Volvo D13A & D13C		

Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors



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## New Engine Kits Available

OEM REFERENCE	PAI REFERENCE	APPLICATION
N/A	<a href="#">C15101E-010</a>	Caterpillar C15
N/A	<a href="#">C15103E-010</a>	Caterpillar C15



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## Additional New Items

PAI Reference	OEM Reference	Description
<a href="#">ESP-1226OEM</a>	<b>MAK 537GC279</b>	Spacer
<a href="#">EPN-2647OEM</a>	<b>MAK 183GC2257</b>	Guide Pin
<a href="#">GBK-8955-301</a>	N/A	Gasket Kit
<a href="#">040178</a>	CUM 3906733	Screw
<a href="#">050562</a>	CUM 3679880	O-Ring Plug
<a href="#">111787HP</a>	CUM 5302848	HP Piston
<a href="#">121235</a>	CUM 5266152	O-Ring
<a href="#">361630OEM</a>	<b>CAT 2117826</b>	Cylinder Liner
<a href="#">362002E</a>	CAT 9Y3368	Liner Shim
<a href="#">370020E</a>	CAT 2110592	Main Bearing
<a href="#">410083</a>	N/A	Piston Kit
<a href="#">470025E</a>	NAV 1823843C91	Bearing Kit
<a href="#">741442</a>	N/A	Screw
<a href="#">821092</a>	VOL 977000	O-Ring
<a href="#">840040OEM</a>	<b>MAK 25106874</b>	Screw
<a href="#">900339</a>	FUL 4308186	Cover Gasket