



PAI MONTHLY NEWSLETTER - DEC. 2025 | JAN. 2026 EDITION

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World Tested. Performance Proven.

DEC. 2025 | JAN. 2026



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Table of Contents

Price Reduced	3
Feature Item	4
Drive Train Components	5
Engine Components	6-9
New Engine Kits	10
Additional New Items	11



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Price Reduced

PAI Reference	OEM Reference	Description
JUJ-6973	MAK 2104-SPL90X	U-Joint
ECM-8999	MAK 454GC5227C	Camshaft
060014	CUM 3931627	Flywheel Housing
141456	CUM 4352360	EGR Cooler Kit
321217	CAT 1090076	O-Ring
370261	CAT 2821771	Main Bearing
681812	DDC 23526039	Water Pump Assy.
700004	PAC 1924761	Valve Cover Gasket
701102	PAC 1886111PE	EGR Gasket
880849	MAK 23185531	Doser Module



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Featured Item: Mack MP8 & Volvo D13 Crankshaft

PAI's Crankshafts are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement Crankshaft (891970) fits Mack MP8 & Volvo D13 Series Engine applications, replaces OEM 20486222.



Material: Steel

**Mack MP8 & Volvo D13
Engine Application**

**Direct Replacement for
Mack MP8 & Volvo D13
20486222**

**Ensures Optimum Fit
and Performance**

OEM Recommended Specs

2 Year Warranty

PAI Reference	OEM Reference
891970	20486222
Material: Steel	Rod Bearing Journal: 6
Main Bearing Journals: 7	Overall Length: 45.25 in
Description: Crankshaft	
Application: Mack MP8 & Volvo D13 Series Engine Applications	

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www.pai.com



ORDER NOW



Call 800-654-3721 or visit 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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PAI Reference	OEM Reference	Order
920154	EAT 513374	
Description: Gear Set		
Application: DS/DA/DD 344,404,405,454		
6.17 Ratio 37 & 6 Teeth 41 Teeth Spline Includes Hardware		

PAI Reference	OEM Reference	Order
806777 / 806777E	MAK 751KB4164	
Description: Mainshaft Gear		
Application: Mack T310M / T313L / T318L		
1st & 6th 35 Spline Teeth 45 Spur Gear Teeth		

Sensors Engine Drivetrain Cab & Chassis Air & Electrical



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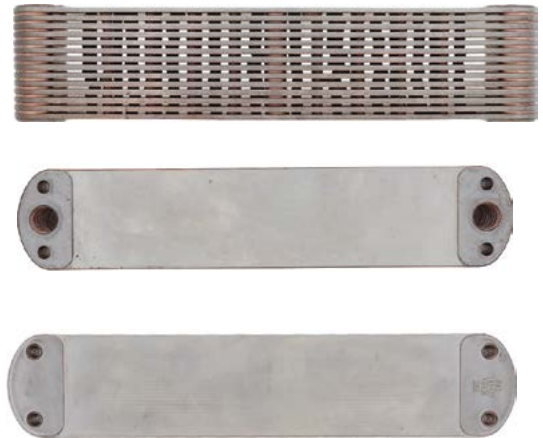
Air & Electrical
Cab & Chassis
Drivetrain
Engine
Sensors



PAI Reference	OEM Reference	Order
381261	N/A	
Description: Exhaust Manifold Kit		
Application: Caterpillar C15		
Includes:		
Exhaust Manifolds (1)381277 (2315234) (2)381231 (1333359)		
Screws (4)340015 (2N2765)		
Spacers (1)340137 (2245450)		
Spacers (11)340140 (1083612)		
Studs (11)340110 (1061792)		
Stud (1)340111 (1061793)		
Studs (4)340116 (1061793)		
Nuts (12)340061 (2N2766)		
Turbo Mount Gasket (1)331277 (2746851)		
Exhaust Gasket Assemblies (6)331374 (2818261)		



PAI Reference	OEM Reference	Order
392094	N/A	
Description: Fuel Injector Adapter Kit		
Application: Caterpillar 3400 / 3412		
Includes:		
Adapter (1)392082 (7W1645)		
O-Ring (1)321359 (5H7153)		
Gasket (1)331594 (4N7253)		



PAI Reference	OEM Reference	Order
141423	CUM 2883224	
Description: Oil Cooler		
Application: Cummins ISX12		
14 Plates		



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PAI Reference	OEM Reference	Order
180295	CUM 3102846	
Description: Water Tube		
Application: Cummins L10 / M11 / ISM / QSM		



PAI Reference	OEM Reference	Order
180289	CUM 3161630	
Description: Fuel Drain Tube		
Application: Cummins L10 / M11 / ISM / QSM		



PAI Reference	OEM Reference	Order
050513OEM	CUM 3401544	
Description: Oil Filter		
Application: Multiple		



PAI Reference	OEM Reference	Order
180284	CUM 3688305	
Description: Water Tube		
Application: Cummins ISX		
Multi-Purpose		

Air & Electrical
Cab & Chassis
Drivetrain
Engine
Sensors



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PAI Reference	OEM Reference	Order
050519OEM	CUM 5255739	
Description: Crankcase Breather/Seperator		
Application: Cummins 8.3L/ISC		



PAI Reference	OEM Reference	Order
681800	DDC 23506003	
Description: Water Pump Assembly		
Application: Detroit Diesel Series 53		
Left Handed Includes Gasket		



PAI Reference	OEM Reference	Order
801085	MAK 21337071	
Description: Primary Fuel Filter Bowl		
Application: Mack MP7 Volvo D11		
Includes Sensor		

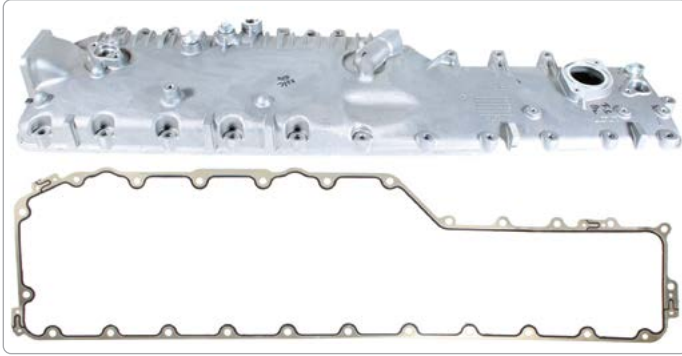


PAI Reference	OEM Reference	Order
880878E	MAK 21454379	
Description: Belt Tensioner		
Application: Mack MP7 & MP8 Volvo D11 & D13		



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PAI Reference	OEM Reference	Order
805028OEM	MAK 21508091	
Description: Side Cover Kit		
Application: Mack MP7 & MP8 Volvo D11 & D13		
Includes Cover & Gasket Aluminum		



PAI Reference	OEM Reference	Order
891926E	MAK 22501349	
Description: Camshaft		
Application: Mack MP8 Volvo D13		
41.67in OAL 7 Journals & 12 Valve Lobes		



PAI Reference	OEM Reference	Order
841984	MAK 24147225	
Description: Piston Oil Cooler Valve		
Application: Mack MP8 Volvo D13		
2 Pin Connector		



PAI Reference	OEM Reference	Order
891946	MAK 736GB421M2	
Description: Fuel Injector Assembly		
Application: Mack E-Tech/ASET		

Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors



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New Engine Kits Available

OEM REFERENCE	PAI REFERENCE	APPLICATION
N/A	340666-010HP	Caterpillar 3406
N/A	ISB432-151	Cummins ISB
CUM 6429518	ISX118-145HP	Cummins ISX
N/A	N14221-119	Cummins N14



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Additional New Items

PAI Reference	OEM Reference	Description
171990F	CUM 4089405	Rod Bearing Kit
172075	CUM 5473209	Rod Bearing Kit
321540	CAT 6V5065	O-Ring
331709	CAT 2642469	Gasket
440037	NAV 1847542C1	Bolt
440050OEM	NAV 1826674C1	Fitting Adapter
621200	DDC A4729970145	O-Ring
642019	N/A	ECM Mounting Kit
642027	DDC A4720140683	Isolator Assembly
691916E	DDC A4730500126	Intake Valve
740033	FTL A05-28531-000	Coolant Tank
740034	FTL A05-32836-000	Coolant Tank
891935	MAK 22431882	Camshaft Kit
900180OEM	FUL K-2183	Shim Kit