



PAI MONTHLY NEWSLETTER - JULY 2024 EDITION

STAY CURRENT



World Tested. Performance Proven.

JULY 2024



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WORLD TESTED. PERFORMANCE PROVEN.

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Price Reduced

PAI Reference	OEM Reference	Description
FNU-0253	MAK 228AM10	Nut
EKT-0306	MAK 370SB24	Turbocharger Kit
ENU-0422	MAK 189AM1	Nut
FRD-0872	MAK 29QX23M	Door Lock Cyl. Rod
BCP-2407	MAK 31KN334	Power Divider Cam
DKT-4124	MAK 370SB25	Compressor Drive Kit
DHB-4131	MAK 320GB327A	Hub
EHB-4135	MAK 7831-5287	Coupling
MFH-4198-025	MAK 973AX471RF	Hose
MFH-4198-050	MAK 973AX170RF50	Hose
HCU-5020	MAK 64AX248	Cup
GBG-6040	MAK 62AX166	Cone
BCU-7118	MAK 64AX42	Cup
BBG-7406	MAK 8235-72188C	Cone
EGK-8434	MAK 57GC2176	Gasket Kit
ASP-9851	MAK 22QH41M	King Pin
EM47560	MAK 39QK24C	Trunnion
050701	CUM 4921601	Crankshaft Sensor
050768	CUM 4326864	NOX Sensor
060163E	CUM 4962732	Cylinder Head Assy.
060167E	CUM 4374091	Cylinder Head Assy.
111517	N/A	Piston Kit
131326	CUM 3021705	Gasket
131502	CUM 3893774	Thermostat Gasket
131653	CUM 3685834	Gasket
141264	CUM 3068979	Regulator Kit
141434OEM	CUM 3918428	Plunger
171711E	CUM 3929037	Crankshaft
180143X	CUM 4359489	Fuel Pump Assembly
181822	CUM 4089647	Water Pump Assembly
181973OEM	CUM 5406048	Water Pump Kit
191939	CUM 3275779	Exhaust Valve Kit

PAI Reference	OEM Reference	Description
191964	CUM 3275356	Exhaust Valve
192062	CUM 3042745	Valve Retainer
ISX118-017	CUM 4376174	Engine Kit
ISX118-129	CUM 4376428	Engine Kit
305010	CAT 1W8922	Piston Ring Set
321263	CAT 5E8771	O-Ring
341313	CAT 2335220	Lube Pump
341313E	CAT 2335220	Lube Pump
360424E	N/A	Cylinder Head
360462E	CAT 2635055	Cylinder Head
391916	CAT 3327297	Camshaft
C15111-010	N/A	Engine Kit
431272	NAV 1841974C1	Gasket
431301	NAV 1825685C1	Seal
440115	NAV 1845040C1	Stud
441220	NAV 1815239C3	Valve
450629	NAV 7001482C1	Pressure Sensor
451352	NAV 2607180C91	Throttle Sensor
481865	NAV 2591620C91	Surge Tank
650621E	DDC A0101532328	NOX Sensor
651512E	DDC 23519558	Pin Bearing
680354	DDC 23536459	Fuel Pump
691919	DDC A4710500527	Exhaust Valve
700100	PAC 1878508	Screw
740005	FTL A17-19230-000	Hood Shock
803195	VOL 85108338	King Pin Kit
803710OEM	MAK 3543-H9631	Motor
803817	MAK 98QL24M3	Spacer Plate
803832	MAN M1211	Bracket Assembly
803833	MAK 97QL5119M	Bracket Assembly
803979	MAK 30QS4525AM	Cab Bracket
804042	MAK 23915461	Expansion Tank



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PAI Reference	OEM Reference	Description
804293	MAK 10QK3106M	Spring Pin
804309	MAK 7QH44M	Cross Tube Assy.
805091E	VOL 21342245	Cylinder Head Assy.
831053	MAK 20787167	Gasket
831140	MAK 21481088	Lower Gasket Set
840096OEM	MAK 8170861	Adapter Plate
880830	MAK 20997341	Fuel Pump
880877E	VOL 21479276	Belt Tensioner
880879E	MAK 20935523	Belt Tensioner
MV1302-001	N/A	Engine Kit
MV1303-001	MAK 85138502	Engine Kit
MV1304-001	N/A	Engine Kit
MV1340-001	N/A	Engine Kit



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Featured Item: Volvo WI & WG Surge Tank Kit

PAI's Surge Tanks - Manufactured utilizing High-Grade material to withstand the stresses of underhood heat and engine vibration. They are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement Surge Tank (803868) fits Volvo WI / WG Models, replaces 3966106 and 121201-3201.



PAI Reference	OEM Reference
802522	3966106 & 121201-3201
Thread A: M60 x 3	Thread B: M20 x 2.5
Material: Plastic Polypropylene	
Description: Volvo Surge Tank Kit	
Application: Volvo WI / WG Model Application	
Surge Tank Includes: Tank Cap (803878) & Coolant Cap (803879)	

Tank & Coolant Cap Included

Material: Plastic Polypropylene

Volvo WI / WG Models Engine Application

Ensures Optimum Fit & Performance

Direct Replacement for Volvo WI / WG Models Surge Tank 3966106 & 121201-3201

OEM Recommended Specs

2-Year Warranty

TWO YEAR Unlimited Mileage **WARRANTY**



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 >>](#)





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Featured Item: Paccar MX-13 Water Pump Assembly

PAI's Water Pump Assembly are thoroughly tested to ensure optimum fit and performance on specific vehicle applications. This replacement Water Pump Assembly (702000) fits Paccar MX-13 Engine Application, replaces 2042162.



O-Ring Included

Material: Cast Housing & Steel Pulley (Serpentine)

Paccar MX-13 Engine Application

Ensures Optimum Fit & Performance

Direct Replacement for Paccar Water Pump Assembly 2042162

OEM Recommended Specs

2-Year Warranty

PAI Reference	OEM Reference
702000	PAC 2042162
Material: Cast Housing & Steel Pulley (Serpentine)	Blade Type: Plastic
Groove Count: 8	Blade Count: 6
Description: Water Pump Assembly	
Application: MX-13 Engine	
Water Pump Includes: O-Ring 700073(1)	

ORDER NOW

TWO YEAR WARRANTY Unlimited Mileage



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PAI Reference	OEM Reference	Order
900199	FUL 4304939	
Description: Countershaft		
Application: Fuller FS 5406N		
57 15 10 26 Teeth		



PAI Reference	OEM Reference	Order
900693	FUL 4301760	
Description: Mainshaft Gear(4th)		
Application: Fuller FS 6205, FS 6305		
25 54 Teeth		



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Air & Electrical
Cab & Chassis
Drivetrain
Engine
Sensors



PAI Reference	OEM Reference	Order
181999OEM	CUM 5532478	
Description: Water Tube		
Application: Cummins ISX		
13.44in OAL Includes O-Rings (2)		



PAI Reference	OEM Reference	Order
181997	CUM 6305089	
Description: Water Pump Assembly		
Application: Cummins ISX		
6 / 12 Rib Pulleys Includes O-Ring (1)121433 Screws (4)840005		



PAI Reference	OEM Reference	Order
641262OEM	DDC EA4711807210	
Description: Oil Module		
Application: Detroit Diesel DD15		
13 Oil Cooler Plates 8 Groove Pully		



PAI Reference	OEM Reference	Order
641292E	DDC A4720102313	
Description: Oil Pan Kit		
Application: Detroit Diesel DD15		
Front Sump Plastic Pan		



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PAI Reference	OEM Reference	Order
640133	DDC A4721400514	
Description: Exhaust Manifold Hardware Kit		
Application: Detroit Diesel DD15		
Includes: Clamps (2)642037 Screws (12)640057 Spacers (12)640093 Gaskets (1)631382 (1)631383		



PAI Reference	OEM Reference	Order
650669	DDC A4721530928	
Description: DPF Pressure Sensor		
Application: Detroit Diesel Multiple		
86.8mm OAL 3 Pin Male Connector		



PAI Reference	OEM Reference	Order
680331	DDC A4722001670	
Description: Belt Tensioner		
Application: Detroit Diesel DD13 / DD15		
10 Groove Converts from Hydraulic/Spring Style to Friction Style		



PAI Reference	OEM Reference	Order
891970OEM	MAK 20486222	
Description: Crankshaft		
Application: Mack MP8 Volvo D13		

Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors



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Air & Electrical

Cab & Chassis

Drivetrain

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Sensors



PAI Reference	OEM Reference	Order
880879	MAK 20935523	
Description: Belt Tensioner		
Application: Mack MP7, MP8, MP10 Volvo D11, D13, D16		



PAI Reference	OEM Reference	Order
ECM-9003	MAK 454GC578C	
Description: Camshaft		
Application: E6-4VH		



PAI Reference	OEM Reference	Order
441238OEM	NAV 1842564C93	
Description: Oil Pump		
Application: International I-313 / 570 40 Teeth Wear Ring Installed Includes O-Rings (2)		



PAI Reference	OEM Reference	Order
702001	PAC 1942598	
Description: Water Pump Assembly		
Application: PACCAR MX-13 12 Groove Pulley		



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New Engine Kits Available

OEM REFERENCE	PAI REFERENCE	APPLICATION
CUM 4376167	ISX116-033	Cummins ISX
N/A	ISL201-001	Cummins ISL



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Additional New Items

PAI Reference	OEM Reference	Description
EGA-2982OEM	MAK 590GB2108	O-Ring
EM04170	MAK 616GC228M	Stud
101119	N/A	Cylinder Kit
111612HP	CUM 4025072	Piston Kit
136199	CUM 3163162	Head Bolt Gauge
141235	N/A	Drive Gear
340088A	N/A	Oil Pan Hardware Kit
381830OEM	CAT 4W0250	Water Pump Shaft
400003E	NAV 1841326C1	Liner
410023HP	NAV 1825585C2	HP Piston Kit
505100E	CUM 3803977	Ring Set
641279OEM	DDC A4721840308	Filter Cap
671615E	DDC 8929680	Main Bearing
671661OEM	DDC 23526051	Connecting Rod
741438	N/A	Retaining Ring
805050A	MAK 20747511	Ring Set
840032OEM	MAK 3AX2097	Screw
871050E	MAK 20530916	Main Bearing
871065	N/A	Cam Bearing Kit
900603	N/A	Repair Sleeve