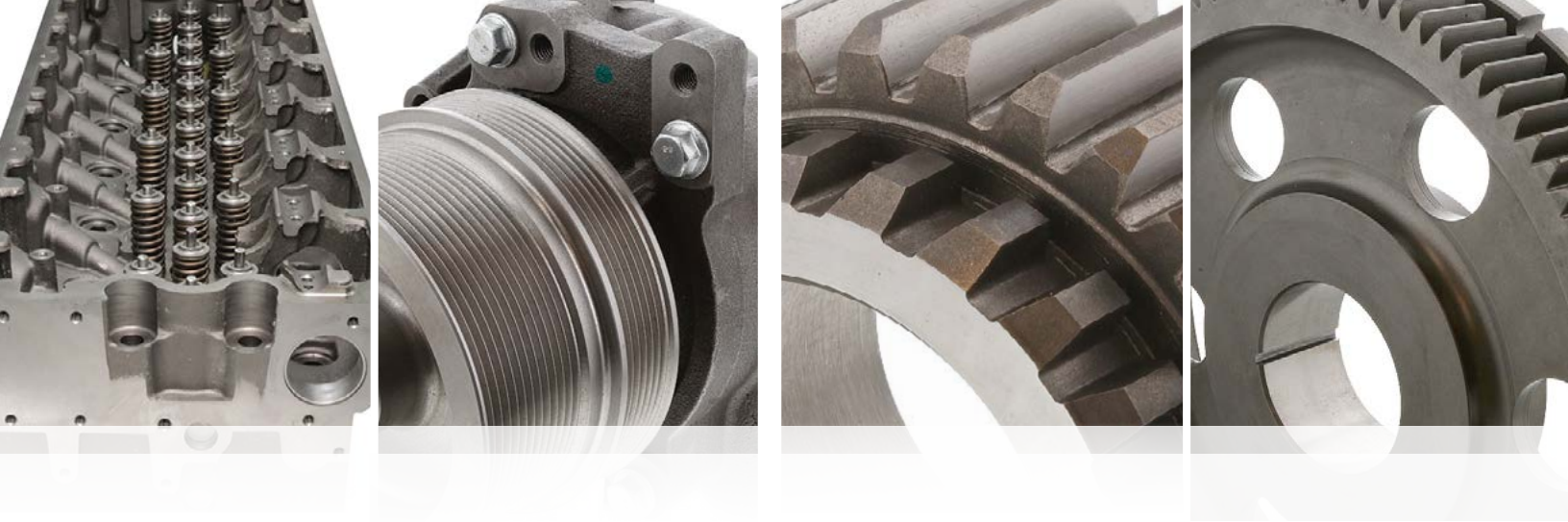




PAI MONTHLY NEWSLETTER - JUNE | JULY 2026 EDITION

STAY CURRENT



World Tested. Performance Proven.

JUNE | JULY 2026



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WORLD TESTED. PERFORMANCE PROVEN.

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Price Reduced

PAI Reference	OEM Reference	Description
EF63690	FUL 21325	Mainshaft
410021	NAV 1818552C1	Piston Pin
480259	NAV 1842593C92	EGR Valve Kit
641314	DDC A9061420619	EGR Valve
631315	DDC 23536442	Upper Gasket Kit
840021	MAK 20486228	Connecting Rod Bolt

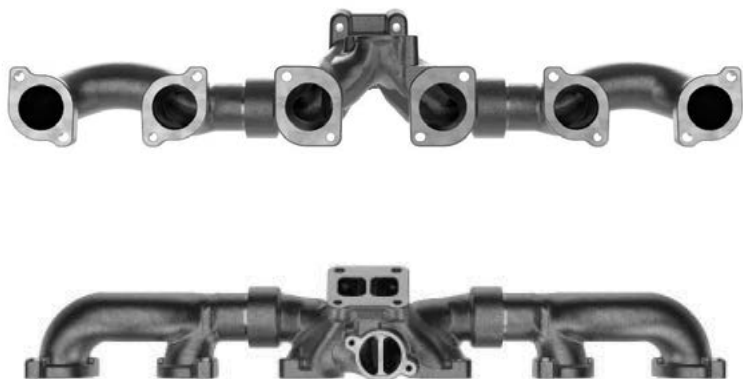


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Featured Item: Detroit Diesel Series 60 Exhaust Manifold Assembly

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 bonded unit.



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

Material:
Cast Iron

Assembled Kit Includes
Front, Rear, and Center
Pieces as a Single Bonded
Unit

Detroit Diesel Series 60
Engine Application

Ensures Optimum Fit
and Performance

OEM Recommended Specs

2-Year Warranty

World Tested. Performance Proven.
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
808011	DAN 6.5-4-3441-1	
Description: Transmission Yoke		
Application: Dana / Mack Multiple (1810 Series)		
2.374 in x 46 Teeth 3.75in Hub Dia. x 5.219in L x 7.643in W		



PAI Reference	OEM Reference	Order
806778	MAK 615KC4210	
Description: Front Mainshaft		
Application: Mack Multiple		
31 & 38 Splines Mainshaft w/ Oil Hole		



PAI Reference	OEM Reference	Order
806736E	MAK 751KB3495A	
Description: Compound Gear		
Application: Mack T2080B / T310M & T2110B		
22 & 30 Teeth		



PAI Reference	OEM Reference	Order
806731E	MAK 764KB3308	
Description: Main Drive Gear		
Application: Mack T310M / T309L / T313L / T318L		
33 / 30 & 16 Teeth		

Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors



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PAI Reference	OEM Reference	Order
391876	CAT 6I3733	
Description: Camshaft Gear		
Application: Caterpillar C12		
96 Teeth 1.82in x 10.48in		

PAI Reference	OEM Reference	Order
391911	CAT 3327303	
Description: Camshaft		
Application: Caterpillar 3406E, C15, C18 Marine		
42.22in OAL 12 Valve Lobes 6 Injector Lobes		



PAI Reference	OEM Reference	Order
132090	CUM 2881966	
Description: Lower Gasket Kit		
Application: Cummins ISX 12		

PAI Reference	OEM Reference	Order
191848	CUM 3680522	
Description: Camshaft Gear		
Application: Cummins ISX / ISX 15 / X15		
76 Teeth .80in x 9.85in		

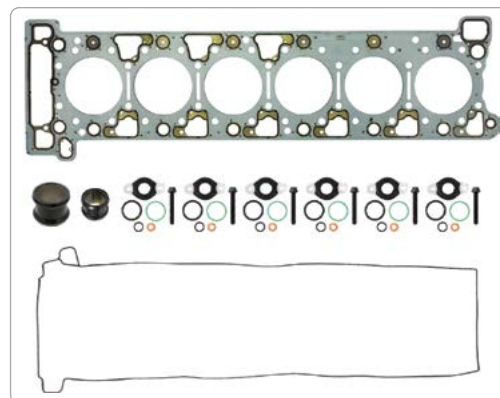


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PAI Reference	OEM Reference	Order
182001	CUM 6305088	
Description: Water Pump Assembly		
Application: Cummins X15		
6 Groove @ 5.77in & 12 Groove @ 5.19in Pulleys		



PAI Reference	OEM Reference	Order
631409	DDC A4720162020	
Description: Cylinder Head Gasket Kit		
Application: Detroit Diesel DD13		



PAI Reference	OEM Reference	Order
609891EX	DDC R5236995	
Description: Fuel Injector Assembly(Reman)		
Application: Detroit Diesel 60 Series		



PAI Reference	OEM Reference	Order
660023EX	DDC 23538857	
Description: Cylinder Head Assembly(Reman)		
Application: Detroit Diesel 60 Series		
Low Swirl		



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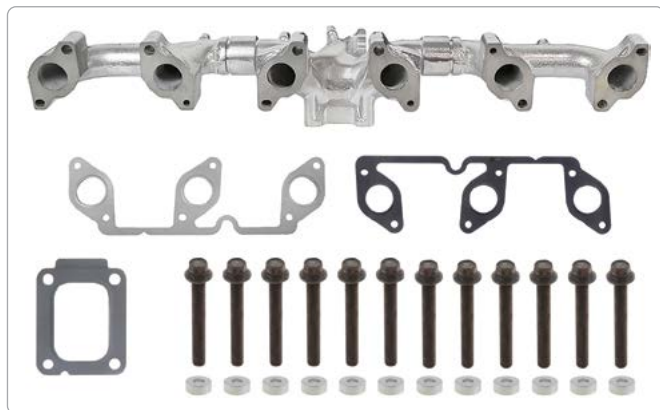
Air & Electrical

Cab & Chassis

Drivetrain

Engine

Sensors



PAI Reference	OEM Reference	Order
681168HP	N/A	
Description: HP Exhaust Manifold Kit		
Application: Detroit Diesel DD13		
Includes		
Exhaust Manifolds (1)681147HP (A4721420901) (2)681148HP (A4721401914)		
Exhaust Gasket (1)631383 (A4721421980) (1)631282 (A4721421880)		
Screws (12)640057 (A0199907001)		
Spacers (12)640093 (A4721420853)		
Turbo Gasket (1)631380 (A4730960280)		



PAI Reference	OEM Reference	Order
441206OEM	NAV 1822390C92	
Description: Oil Pump		
Application: International 530/DT530E HEUI		
Includes Front Crankshaft Seal		



PAI Reference	OEM Reference	Order
450503OEM	NAV 1884508C2	
Description: Oil Filter		
Application: International Multiple		
1-3/4in-12 Threads		



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PAI Reference	OEM Reference	Order
481850OEM	NAV 1842657C91	
Description: Valve Kit		
Application: International DT466E HEUI/ DT530E HEUI/DT570		
232° Includes O-Ring		

PAI Reference	OEM Reference	Order
841925E	MAK 20824906	
Description: Oil Pump		
Application: Mack MP8 / Volvo D13		
Includes O-Ring Kit (1)841925-101 31 Teeth		



PAI Reference	OEM Reference	Order
841926E	MAK 25137035	
Description: Oil Pump Assembly		
Application: Mack E7		
13 Teeth Drive Gear		



PAI Reference	OEM Reference	Order
891966X	VOL 20547350	
Description: Reman Fuel Injector Assembly		
Application: Volvo D12		



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New Engine Kits Available

OEM REFERENCE	PAI REFERENCE	APPLICATION
N/A	DD1651-145 w/o pistons	Detroit Diesel DD16
N/A	ISB407-101	Cummins ISB
N/A	ISX112-033	Cummins ISX
N/A	ISX119-176	Cummins ISX
N/A	ISX141-450 w/o pistons	Cummins ISX
N/A	ERK-8037P-001	Mack E7



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Additional New Items

PAI Reference	OEM Reference	Description
042087	CUM 5288374	Injector Seal
045097	CUM 2882592	Rocker Shaft
101213HP	N/A	Cylinder Kit
121448	CUM 5288373	Injector O-Ring
121453	CUM 4934749	O-Ring
131838E	N/A	Oil Pan Gasket
136198	CUM 4938765	Cover Seal
151509E	CUM 3945329	Cam Bearing
161655E	CUM 4376168	Liner Kit
161683	CUM 5261587	Seal
161697	CUM 5255538	Turbo Gasket
161699	CUM 4990276	Oil Cooler Gasket
172098	CUM 5633521	Main Bearing Kit
180269	CUM 209955	Turbo Hose
180275	CUM 4983907	Water Tube
180282	CUM 3688850	Drain Tube
180283	CUM 3691143	Water Tube
180285	CUM 3688302	Hose
180286	CUM 3912747	Turbo Line
180287	CUM 3892978	Hose
180288	CUM 3161628	Fuel Tube
180293	CUM 2882680	Water Tube
180297	CUM 3893962	Fuel Tube
180311OEM	CUM 3918641	Fuel Line Assembly
331758	CAT 1607037	Turbo Drain Gasket
340019OEM	CAT 2219939	Screw
340039OEM	CAT 0S1619	Screw
360453	CAT 614613	Spacer Plate
370015FHP	CAT 9Y7735	Rod Bearings
370290	N/A	Main Bearing Set
371611	CAT 8N1984	Connecting Rod
380370	CAT 1338940	Drain Tube

PAI Reference	OEM Reference	Description
401039	NAV 1889068C95	Cylinder Kit
441401OEM	NAV 677110C1	Coolant Tube
445012OEM	NAV 1889117C93	Piston Cooler Kit
481147OEM	NAV 7092423C92	Cuff Kit
505116	CUM 5624967	Piston Ring Set
640015E-019	N/A	Cyl. Head Bolt Kit
640038E-019	DDC A4720160169	Screw
640068	DDC 8929795	Capscrew
671690E	DDC 23533692	Bearing Kit
691831OEM	DDC 23530776	Fuel Line Assembly
691846OEM	DDC A4711870701	Oil Tube
691847OEM	DDC A4711870331	Oil Tube
691848OEM	DDC A4721870701	Oil Tube
691849	DDC A4721870231	Oil Tube
740350OEM	FTL A14-13108-003	Steering Wheel
801100OEM	MAK 134GB385M	Fan Hub
801105OEM	MAK 5MH5179M	Fan Shroud
801172	VOL 20555313	Housing
802602	VOL 22650771	Air Manifold
802658	BEN 803115	Relay Valve
803100OEM	MAK 21074579	Tank Bracket
803101OEM	MAK 21506272	Tank Bracket
803418	MAK 8074666	Cab Bushing
803627OEM	MAK 21211715	V-Band Clamp
803712E	MAK 22443552	A/C Switch
803729	MAK 85149415	Valve
900558	FUL K-4160	Bearing Kit