



STAY CURRENT

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MARCH 2016

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TRADESHOWS & EVENTS

HDA Truck Pride Annual Conference
April 13-17, 2016 - San Antonio, TX

VIPAR Heavy Duty Annual Business Conference
October 16-21, 2016 - Orlando, FL

HDAW 2017
January 23-26, 2017 - Las Vegas, NV



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FEATURED ITEMS OF THE MONTH

MACK CYLINDER HEAD REPAIR KITS



ECH-3316-101 Shown

ECH-3316-101 - Kit Breakdown Application: Mack E6 2 Valve/4 Valve			
Description	PAI Reference	OEM Reference	Qty.
Intake Valves	EVA-8135	MAK 690GC2210	6
Exhaust Valves	EVA-8145	MAK 688GC2378	6
Locks	EVL-8205	MAK 54GC25	24
Seals	EOS-0443	MAK 446GC328	12
Exhaust Valve Seats	EVS-2547-STD	MAK 13GC2264P1	6
Intake Valve Seats	EVS-2557-STD	MAK 13GC2251P1	6
Valve Guides	EVG-2379	MAK 714GB222P2	12
Injector Sleeves	EIS-8341	MAK 12GC212A	3

ECH-3316-102 - Kit Content Application: Mack E6 2 Valve / 4 Valve			
Description	PAI Reference	OEM Reference	Qty.
Intake Valve	EVA-8135	MAK 690GC2210	6
Exhaust Valves	EVA-8145	MAK 688GC2378	6
Locks	EVL-8205	MAK 54GC25	24
Seals	EOS-0443	MAK 446GC328	12
Exhaust Valve Seats	EVS-2547-STD	MAK 13GC2264P1	6
Intake Valve Seats	EVS-2557-STD	MAK 13GC2251P1	6
Valve Guides	EVG-2379	MAK 714GB222P2	12
Injector Sleeves	EIS-8341	MAK 12GC212A	3
Pins	EPN-2777	MAK 183GC25	6
Springs	ESP-8165	MAK 575GC213	12
Valve Rotators	EVR-8327	MAK 722GC313A	12
Retainers	EVR-8355	MAK 722GC321	12



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ECH-3317-101 - Kit Breakdown Application: Mack E7			
Description	PAI Reference	OEM Reference	Qty.
Intake Valves	EVA-8135	MAK 690GC2210	6
Exhaust Valves	EVA-8145	MAK 688GC2378	6
Locks	EVL-8205	MAK 54GC25	24
Seals	EOS-0443	MAK 446GC328	12
Exhaust Valve Seats	EVS-2547-STD	MAK 13GC2264P1	6
Intake Valve Seats	EVS-2557-STD	MAK 13GC2251P1	6
Valve Guides	EVG-2379	MAK 714GB222P2	12
Injector Sleeves	EIS-8341	MAK 12GC212A	3

ECH-3317-102 - Kit Content Application: Mack E7			
Description	PAI Reference	OEM Reference	Qty.
Intake Valves	EVA-8135	MAK 690GC2210	6
Exhaust Valves	EVA-8145	MAK 688GC2378	6
Locks	EVL-8205	MAK 54GC25	24
Seals	EOS-0443	MAK 446GC328	12
Exhaust Valve Seats	EVS-2547-STD	MAK 13GC2264P1	6
Intake Valve Seats	EVS-2557-STD	MAK 13GC2251P1	6
Valve Guides	EVG-2379	MAK 714GB222P2	12
Injector Sleeves	EIS-8341	MAK 12GC212A	3
Pins	EPN-2777	MAK 183GC25	6
Springs	ESP-8165	MAK 575GC213	12
Valve Rotators	EVR-8327	MAK 722GC313A	12
Retainers	EVR-8355	MAK 722GC321	12

ECH-3322-101 - Kit Breakdown Application: Mack E-Tech / ASET (Used w/ ECH-3322 & ECH-3328 Cylinder Heads)			
Description	PAI Reference	OEM Reference	Qty.
Intake Valves	EVA-8137	MAK 690GC410	6
Exhaust Valves	EVA-8147	MAK 688GC344	6
Locks	EVL-8205	MAK 54GC25	24
Seals	EOS-0444	MAK 446GC332	12
Intake Valve Seats	EVS-2558-STD	MAK 13GC316	6
Exhaust Valve Seats	EVS-2548-STD	MAK 13GC317	6
Valve Guides	EVG-2399	N/A	12
Injector Sleeves	EIS-8339	MAK 12GC411	3

ECH-3322-102 - Kit Content Application: Mack E-Tech / Aset (Used w/ECH-3322 & ECH-3328 Cylinder Heads)			
Description	PAI Reference	OEM Reference	Qty.
Intake Valves	EVA-8137	MAK 690GC410	6
Exhaust Valves	EVA-8147	MAK 688GC344	6
Locks	EVL-8205	MAK54GC25	24
Seals	EOS-0444	MAK 446GC332	12
Intake Valve Seats	EVS-2558-STD	MAK 13GC316	6
Exhaust Valve Seats	EVS-2548-STD	MAK 13GC317	6
Valve Guides	EVG-2399	N/A	12
Injector Sleeves	EIS-8339	MAK 12GC411	3
Pins	EPN-2777	MAK 183GC25	6
Valve Springs	ESP-8152 ESP-8161	MAK 575GC1115 MAK 575GC36	6 12
Valve Rotators	EVR-8327 EVR-8328	MAK 722GC313A MAK 722GC320	6 6
Retainers	EVR-8355	MAK 722GC321	12

805080 - Kit Content Application: Mack MP8 / Volvo D13			
Description	PAI Reference	OEM Reference	Qty.
Intake Valves	845010	MAK 20740798	12
Exhaust Valves	845011	MAK 20768519	12
Valve Seals	842060	MAK 20864662	24
Intake Valve Seats	845041	MAK 120740804	12
Exhaust Valve Seats	845042	MAK 20530103	12
Valve Guides	842071	MAK 20905400	24



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PRICE REDUCED

Click Part# for more details

PAI REFERENCE	OEM REFERENCE	DESCRIPTION	PAI REFERENCE	OEM REFERENCE	DESCRIPTION
BSF-0620	MAK 98KH21B	Shift Fork	808148	MAK 21016169	Helical Gear
BSG-2437	MAK 34KH263	Side Gear	853706	MAK 1594228	Temperature Sensor
EE28260	EAT 78909	Ring	853714	MAK 21521353	Oil Sensor
EF61210	FUL 16405	Shaft	940005	N/A	Input Shaft Kit
EF89950	FUL K-3132	Bearing/Seal Kit	317601-001	N/A	Engine Kit
EM97250	DAN 108935-91A	Clutch Assy.	317601-017	N/A	Engine Kit
ER70730	ROK KIT4095	Bearing/Seal Kit	317601-027	N/A	Engine Kit
101173	N/A	Cylinder Kit	317651-001	N/A	Engine Kit
111505	CUM 4089185	Piston Kit	C13101-001	N/A	Engine Kit
111586	CUM 4089386	Piston Kit	C13101-011	N/A	Engine Kit
161649	CUM 2881719	Cylinder Kit	C13101-027	N/A	Engine Kit
171634	CUM 4059429	Connecting Rod	ISM101-021	N/A	Engine Kit
181200E	CUM 3800471	Turbocharger	C13101-028	N/A	Engine Kit
180105	CUM 3936316	Fuel Pump	ISB605-026	N/A	Engine Kit
220030	CUM AR12719	Repair Kit	ISB605-037	N/A	Engine Kit
301021	N/A	Cylinder Kit	ISB605-101	N/A	Engine Kit
311165	CAT 322-0329	Piston	ISB605-107	N/A	Engine Kit
311166	N/A	Piston Kit	ISB605-251	N/A	Engine Kit
311080	CAT 180-7350	Piston Kit	ISB605-326	N/A	Engine Kit
331470	CAT 361-2581	Gasket Kit	ISB605-401	N/A	Engine Kit
331473	CAT 361-2573	Gasket Kit	ISB605-402	N/A	Engine Kit
391898	CAT 333-0379	Camshaft	ISB605-406	N/A	Engine Kit
436023	NAV 1819733C91	Rear Seal Kit	ISB606-101	N/A	Engine Kit
480004	NAV 1885883C1	Gear	ISB605-407	N/A	Engine Kit
642008	DDC 23513683	Adapter	ISB610-112	N/A	Engine Kit
642024	DDC 23512307	Isolator	ISM101-017	N/A	Engine Kit
650652	DDC 23528418	Sensor Kit	ISM101-018	N/A	Engine Kit
681114	DDC 23512897	Exhaust Manifold Kit	ISM101-023	N/A	Engine Kit
681812	DDC 23526039	Water Pump	ISM101-022	N/A	Engine Kit
681813	DDC R23535017	Water Pump	ISX105-049	N/A	Engine Kit
808139	MAK 61KH463	Bull Gear	ISX105-065	N/A	Engine Kit



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TECH TIPS OF THE MONTH

Brief Updates & Recommendations for Everything PAI

PAI Industries is now offering a new line of products built for high performance engines. These parts are recognized with the letter designation HP at the end of the part number. Ex: CUP 111523 HP Piston Kit.

Of the new additions to this line, are our piston crowns with a proprietary thermal ceramic coating. High heat resistance, increased mechanical strength and better immunity to detonation effects are just some of the advantages these new products offer over the conventional parts.

OE Manufacturers have been pushing their engines to the limits over the years in efforts to generate higher mileage, increase engine power, service life, and reduce emissions.

The two key changes have been to increase the operating cylinder pressures and temperatures. As a result of this, the need for high performance parts capable of surviving such an environment has become obvious.

The proprietary thermal coating on PAI HP Piston Crowns provide the capability to withstand these increased temperatures. This coating works by resisting the transfer of heat from the combustion chamber to the piston and thus preventing thermal loss to the coolant and directing the increased energy to the turbo which results in significant efficiency boost.

Although the coating itself does not change the dimensions of the piston, it improves resistance to bending and flexing to a significant extent. This increased mechanical strength will go hand in hand with the higher loads that these engines are putting on their components.

Please check our next Stay Current for additional proprietary developments and processes of PAI HP engine parts.



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AIR & ELECTRICAL



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
FTL A06-51907-006	740314	Headlamp(LH)

Application: Freightliner Cascadia 2008-2012



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
FTL A06-51907-007	740315	Headlamp(RH)

Application: Freightliner Cascadia 2008-2012

CAB & CHASSIS



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
MAK 8MY3116AM	803405	Shifter Boot

Application: Mack CH / CHN / CV / GU Models

DRIVE TRAIN



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
MAK 13QC433M	ADL-9876	Drag Link Includes Socket (1)ARE-9993 Link (1)ADL-9878

Application: Mack CH Models

ENGINE



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OEM REFERENCE	PAI REFERENCE	DESCRIPTION
MAK 13QC519M	804217	Steering Link

Application: Mack CHN / CHU Models



ARE-9868 Shown

OEM REFERENCE	PAI REFERENCE	DESCRIPTION
MAK 546-USK551	ARE-9868	Tie Rod End(LH)

Application: Mack MR / MU Models

OEM REFERENCE	PAI REFERENCE	DESCRIPTION
MAK 546-USK552	ARE-9869	Tie Rod End(RH)

Application: Mack MR / MU Models



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
NAV 1647411C3	450466	Fan Blade(6 Blade)(Nylon)

Application: International 1000 / 2000 / 3000 / 4000 / 7000 / 8000 Series



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
NAV 3625639C1	450465	Fan Blade(9 Blade)(Nylon)

Application: International 5000 / 7000 / 8000 / 9000 / Prostar

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DRIVE TRAIN

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OEM REFERENCE	PAI REFERENCE	DESCRIPTION
DAN 513868	960253	Differential Nest Kit
Application: Dana R170 / S170 Differential		



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
DAN 6-3-3441KX	960187	Slip Yoke (Spline 2 1/2" - 16 Splines) (Length 12-23/32in)
Application: Dana 1710 Series		



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
FUL A-4738	900156	Auxiliary Mainshaft Assembly Includes Mainshaft (1)900155 Quill (1)EF63350 Pin (1)EF51260
Application: Fuller RTXF / RTX 11615		



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OEM REFERENCE	PAI REFERENCE	DESCRIPTION
CAT 4W2430	391897	Camshaft(JWAC)
Application: Caterpillar Early 3406B Series		



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
CAT 7E5996	371616	Connecting Rod(Industrial)
Application: Caterpillar 3400 Series		



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
CAT 176-7716	381211	Turbocharger
Application: Caterpillar 3406C / 3406E / C15		



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
CAT 260-3904	360467	Cylinder Block Spacer Plate
Application: Caterpillar 3500 Series		

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OEM REFERENCE	PAI REFERENCE	DESCRIPTION
CUM 3102901	191841	Camshaft
Application: Cummins ISM		

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OEM REFERENCE	PAI REFERENCE	DESCRIPTION
DDC23524520	641340	Oil Cooler Thermostat
Application: Detroit Diesel Series 60		

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OFFER EXPIRES MAY 30, 2016





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OEM REFERENCE	PAI REFERENCE	DESCRIPTION
NAV 1819733C91	436023	Rear Seal Kit(w/ Wear Ring)
Application: 1983-1994 Ford & International 7.3 / 444 Series		



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
NAV 1842337C95R	481207X	Turbocharger(Reman)
Application: 2000 - 2003 International DT466 / DT466E / DT530E HEUI		



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
NAV 1850500C92	431334	Valve Cover Gasket Assembly
Application: 2007 - 2015 International DT466 / DT466E / DT530E HEUI		



OEM REFERENCE	PAI REFERENCE	DESCRIPTION
MAK 631GC5143M	ETC-8233	Turbocharger
Application: Mack E-Tech / ASET		

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Online Login/Registration



1 PAI HOMEPAGE

Customer "Login" and "Register" links are located to the upper right corner of our homepage.

Select Login if you have already registered (*Skip to Step 4*). To register, select the "Register" link which will take you to PAI's registration form.



2 PAI ONLINE REGISTRATION FORM

Fill in all required fields of the registration form. After the form is completed, read our Terms and Conditions then click "Sign-Up". A confirmation "Thank You" page will appear once all required fields are filled in. (* Required Fields)



3 CONFIRMATION EMAIL

A confirmation email will be sent to the email address provided. This email will include your new PAI "Username" and "Password".

4 PAI SECURE LOGIN PAGE

To login, use the "Existing Member" box and enter your PAI "Username" and "Password" then click "Sign-In".