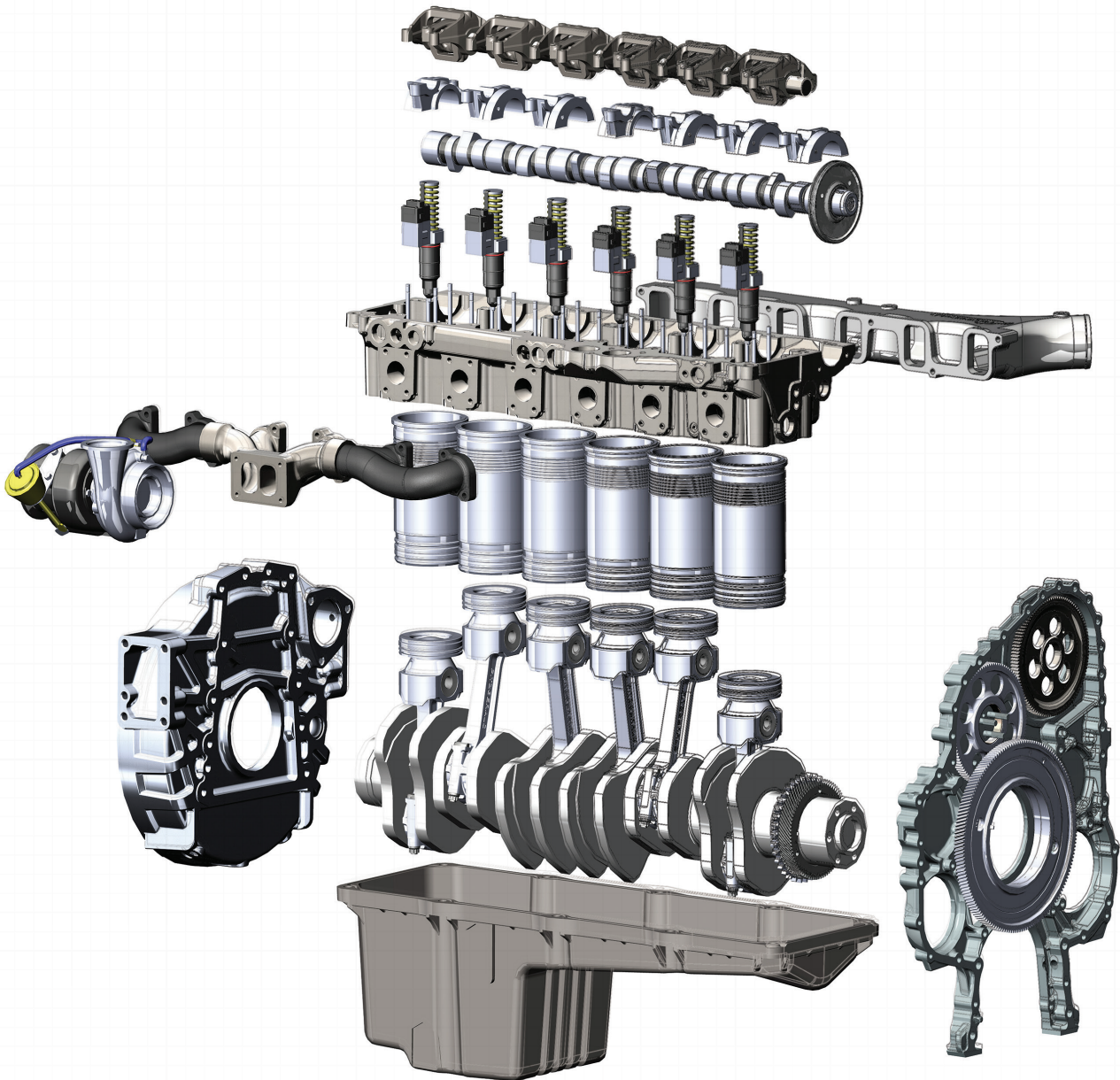




THE MOST COMPREHENSIVE LINE OF  
**DETROIT DIESEL  
ENGINE PARTS**



## PAI Upgraded Cylinder Kit for Optimum Performance

**Patented Liner With Protected Thermal Properties**  
Anti-Glazing | Anti-Galling

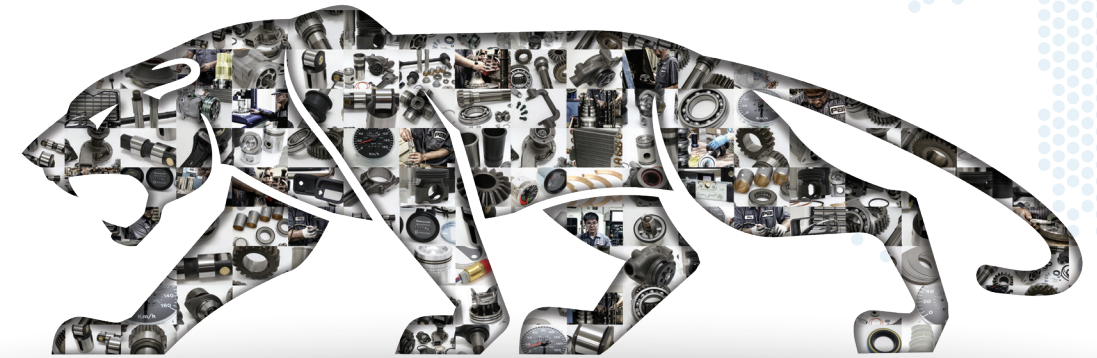
**HP Pin with Isotropic Super Finish**  
Lower Friction | Lower Heat  
Longer Life

**All Steel, High Strength, Monotherm Designed Piston**  
Improved Performance in High Horsepower Engines.

**Hardened Combustion Bowl**

**OEM Designed Piston Rings**  
Long Life | Optimal Performance

**HP Anti-Friction Coated**  
Lower Friction | Longer Life  
Improved Fuel Economy



# WARRANTY<sup>(3)</sup>



**High Performance**

**THREE YEAR** Unlimited Mileage WARRANTY





**Premium**


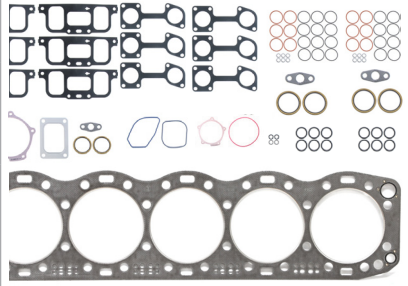
**TWO YEAR** Unlimited Mileage WARRANTY






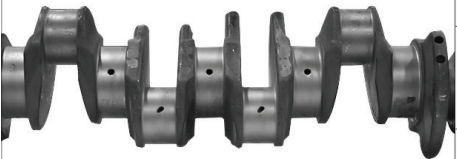
**Economy**

**ONE YEAR** Unlimited Mileage WARRANTY



Exhaust Manifold 	
	Made in the USA
	Redesigned 3-Piece set that ensures no leaks and better boost
	High Grade Thermal Material on all 3-Pieces
PREMIUM TWO YEAR Unlimited Mileage Warranty	




Gasket Sets 	
	HP Brand includes PAI's USA Gasket Material.
	HP Gaskets are multi-layered 7-Pieces construction for better sealing.
	Complete kit with more parts included than any other after-market brands. User friendly organization.

Accessory Drive 	
	Exclusively available from PAI. No other aftermarket company offers this product.
	<b>NEW</b> not Rebuilt No Cores Required
	Made in PAI Manufacturing
PAI EXCLUSIVE 	


Crankshaft	
	Lower Price
	<b>NEW</b> not Rebuilt
	Economy Crankshaft
ECONOMY ONE YEAR Unlimited Mileage Warranty	

Bull Gear 	
	Developed and produced in PAI Manufacturing. <b>COMING 2019!</b>
	Made in the USA by PAI Manufacturing
	<b>NEW</b> not Rebuilt. No Cores Required
PREMIUM TWO YEAR Unlimited Mileage Warranty	



Cooling System 	
	Available in EXCEL and PAI Brand.
	Available in EXCEL Economy Brand
	Made in the USA
PREMIUM TWO YEAR Unlimited Mileage Warranty	


Flywheel Housing 	
	Exclusively made by PAI USA
	Made in PAI Manufacturing
	PAI Brand meet or exceeds OEM Specifications
PREMIUM TWO YEAR Unlimited Mileage Warranty 	

Cylinder Head Components	
	Major and Minor Kits
	Kits include all the components required
	Available in EXCEL Economy Brand
ECONOMY ONE YEAR Unlimited Mileage Warranty	




Fuel System	
	Available in EXCEL and PAI Brand
	PAI Brand meet or exceeds OEM Specifications
	Available in EXCEL Economy Brand.
PREMIUM TWO YEAR Unlimited Mileage Warranty	




Camshaft	
	Dealer only part now available from PAI.
	Exclusively available from PAI
	More New Camshafts <b>COMING 2019!</b>
PREMIUM TWO YEAR Unlimited Mileage Warranty	

Fasteners 	
	OEM Quality
	High strength Fasteners for Head Bolts and Connecting Rod Bolt
	Made in USA
PREMIUM TWO YEAR Unlimited Mileage Warranty	

Flywheel	
	Available in EXCEL Economy Brand
	<b>NEW</b> not rebuilt. No Cores Required.
	Expanded Coverage Added
ECONOMY ONE YEAR Unlimited Mileage Warranty	

Oil Pan	
	Available in front sump and rear sump options.
	Available with economy single drain option or 3 drain OEM Design option.
	High Strength SMC Material.

Lubrication System 	
	100% Made in the USA from raw materials to finished assembly
	Each pump is 100% tested for oil flow, pressure and durability
	All parts machined and assembled in PAI Manufacturing
PREMIUM TWO YEAR Unlimited Mileage Warranty 	

Connecting Rods 	
	<b>NEW</b> not rebuilt. No Cores Required.
	Weight balanced in sets
	Made in USA by PAI Manufacturing
PAI EXCLUSIVE 	

Air System	
	<b>NEW</b> Burg Warner Turbos
	Available in EXCEL Economy Brand
	Lower Price
ECONOMY ONE YEAR Unlimited Mileage Warranty	

# QUALITY ASSURANCE

100% PRODUCT INSPECTION

We perform rigorous testing to ensure greater efficiency, longer life and lower maintenance needs.

ISO 9001  
CERTIFIED



# PAI MANUFACTURING

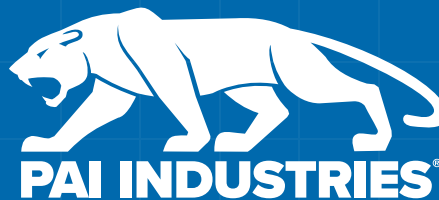
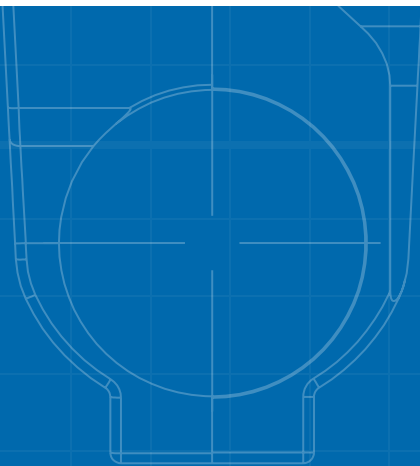
MANUFACTURING SINCE 1973

We are a proud American Manufacturer for over 45 years. We ensure the high level of quality for our products and services.





**THANK YOU.**  
~PAI Team



**ISO 9001 CERTIFIED**

**PAI INDUSTRIES, INC.**  
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Suwanee, GA 30024

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NOV2680 DETROIT DIESEL ENGINE COMP

