



Specifications - PERKINS - 4.41

Basic Engine Values

Make:	PERKINS	Engine Cylinders:	4
Engine Model:	4.41	Engine Displacement CID:	248
Litre:		Firing Order:	1-3-4-2
Engine Displacement CC:	4064	Stroke:	5
Bore:	4	Spark Plug Type:	
Oil Capacity w/Filter:		Oil Pressure:	
Compression Ratio:	15.8:1	Engine Compression:	
Spark Plug Gap:		Distributor Gap:	
Point Gap:		Idle RPM:	
Ignition Timing Idle Speed:			

Torque Values

Location	Ft Lbs.	Location	Ft Lbs.
Main Bearing Caps:	115	Oil Pan Drain Plug:	
Rod Bearing Caps:	115	Oil Pump Bolt:	
Cylinder Head Bolts:		Rocker Arm Nut:	
Cam Sprocket Bolt:		Rocker Shaft Bracket Bolt:	
Crank Pulley Bolt:		Timing Cover:	
Flywheel Bolt:		Spark Plug:	
Flywheel Housing:		Water Outlet Bolt:	
Mainfold Bolt & Nut:		Water Pump Bolt:	
Oil Pan Bolt:		Water Pump Pulley Bolt:	

Piston

Piston Diameter:		Cylinder Bore Clearance:	
Piston Pin Diameter:		Piston Sleeve Clearance:	
Piston Pin Hole Bore:			

Rings

Ring Gap-Top:		Side Clearance Top:	
Ring Gap-2nd:		Side Clearance 2nd:	
Ring Gap-3rd:		Side Clearance 3rd:	
Ring Gap-4th:		Side Clearance 4th:	
Ring Gap-5th:		Side Clearance 5th:	
Ring Gap-Oil:		Side Clearance Oil:	

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Crankshaft

Main Journal Diameter:		Rod Journal Diameter:	
Main Run Clearance:		Rod Run Clearance:	
Front Main Journal Diameter:		Thrust Washer Thickness:	
Front Interior Diameter:		Thrust Bearing Thickness:	
Center Diameter:		End Play:	
Rear Interior Diameter:		Rear Main Journal Diameter:	

CamShaft

1st Journal Diameter:		Cam Front Bushing ID:	
2nd Journal Diameter:		Cam Center Bushing ID:	
3rd Journal Diameter:		Cam Rear Bushing ID:	
4th Journal Diameter:		Cam Lift Intake:	
5th Journal Diameter:		Cam Lift Exhaust:	
Journal End Play:		Cam End Play:	

Valves

Intake Length:		Exhaust Length:	
Intake Stem Diameter:		Exhaust Stem Diameter:	
Intake Head Diameter:		Exhaust Head Diameter:	
Intake Face Angle:		Exhaust Face Angle:	
Intake Clearance:	.25 COLD	Exhaust Clearance:	.25 COLD

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