



PERFORMANCE BY
**INTEGRATED
ENGINEERING**

ENGINE SPECIFICATION SHEET (4 CYL)

Use professional quality and calibrated measuring tools only

GENERAL

Owner:	
Assembled by:	
Engine type:	
Build start date:	
Build finish date:	

PISTON TO WALL CLEARANCE

Cylinder	1	2	3	4
Cylinder bore				
Piston diameter				
Clearance				

NOTES:

- If machined with torque plate, measure bore with torque plate attached
- Reference piston manufacturer for target clearances

PISTON RING GAP

Cylinder	1	2	3	4
Top ring				
Second Ring				

NOTES:

- Reference piston manufacturer for recommended ring gaps

CRANKSHAFT TO MAIN JOURNAL CLEARANCE

Cylinder	1	2	3	4	5
Main bore					
Journal diameter					
Clearance					

NOTES:

- Measure clearances with main bearings installed and main bolts torqued to spec

CRANKSHAFT AXIAL PLAY

Axial play	
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NOTES:

- Measure axial play after crank installation and before rod/piston assembly

ROD TO CRANK JOURNAL CLEARANCE

Cylinder	1	2	3	4
Rod bore				
Journal diameter				
Clearance				

NOTES:

- Measure clearances with rod bearings installed

WRIST PIN TO ROD BUSHING CLEARANCE

Cylinder	1	2	3	4
Wrist pin diameter				
Rod bushing bore				
Clearance				

NOTES:

- Reference piston manufacturer for recommended wrist pin gaps

ASSEMBLY NOTES:

This sheet is supplied for documentation and records only and not intended to be used as an engine assembly guide. Engine assembly should always be performed by a trained technician with professional tools.