

PISTON SKIRT/CYLINDER CLEARANCE RANGE	
mm	0.090-0.130
in.	0.0035-0.0050

PISTON-RING END GAP

1. Place each piston ring in the wear portion above the exhaust port of its respective cylinder. Use the piston to position each ring squarely in each cylinder.
2. Using a feeler gauge, measure each piston-ring end gap. Acceptable ring end gap must fall within specifications.

Fig. 2-220



AM600

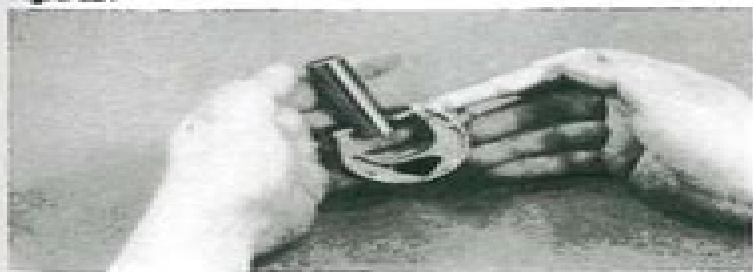
PISTON-RING END GAP RANGE

mm	0.20-0.40
in.	0.008-0.016

PISTON PIN AND PISTON-PIN BORE

1. Measure the piston pin diameter at each end and in the center. If any measurement varies by more than 0.02 mm (0.001 in.), the piston pin and bearing must be replaced.

Fig. 2-221



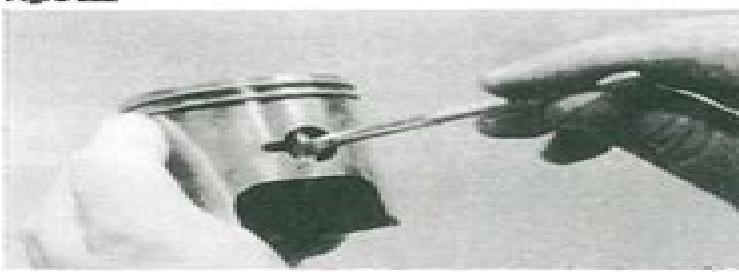
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PISTON PIN DIAMETER RANGE

mm	21.995-22.000
in.	0.8659-0.8661

2. Insert a snap gauge into each piston-pin bore; then remove the gauge and measure it with a micrometer. The diameter must be within specifications. Take two measurements to ensure accuracy.

Fig. 2-222



AM600

2

PISTON-PIN BORE DIAMETER RANGE

mm	22.002-22.006
in.	0.8662-0.8664

CONNECTING-ROD SMALL END

1. Insert a snap gauge into each connecting-rod small end bore; then remove the gauge and measure it with a micrometer. The diameter must be within specifications.

Fig. 2-223



AM600

CONNECTING-ROD SMALL END DIAMETER RANGE

mm	27.003-27.011
in.	1.0631-1.0634

CRANKSHAFT RUNOUT

1. Using the set of V Blocks (p/n 0644-022), support the crankshaft on the surface plate.

Tiger Shark Repair Manual

Mark F. L. Smith

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