

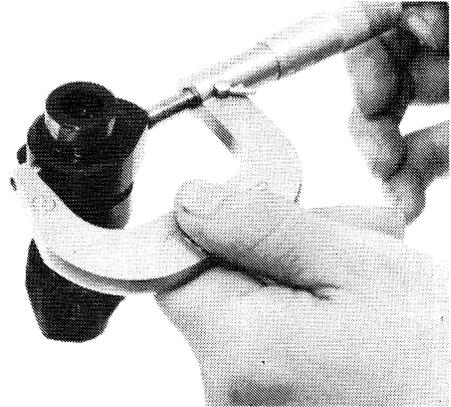
CYLINDER HEAD/VALVES

INSPECTION

Using a micrometer, measure the height of each cam lobe and inspect it for wear or damage.

SERVICE LIMITS:

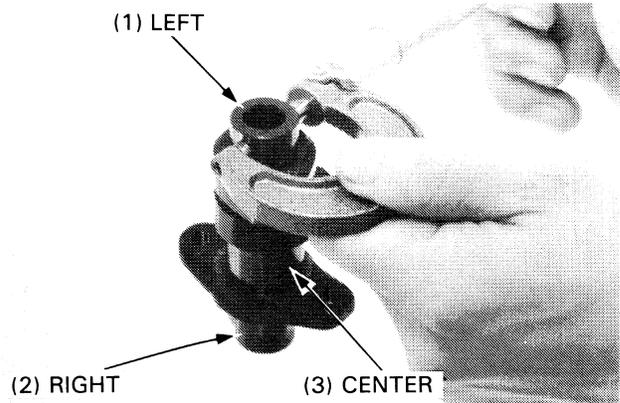
INTAKE: 35.916 mm (1.4140 in)
EXHAUST: 35.709 mm (1.4059 in)



Measure the camshaft journal O.D.

SERVICE LIMIT:

LEFT: 19.90 mm (0.784 in)
CENTER: 23.88 mm (0.940 in)
RIGHT: 23.90 mm (0.941 in)



Install the cylinder head cover and tighten the cover bolts in a crisscross pattern in 2 to 3 steps.

Measure the camshaft journal bearing I.D.

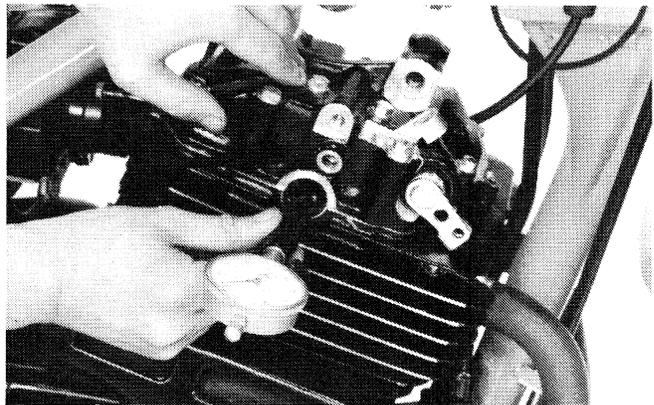
SERVICE LIMIT:

LEFT: 20.05 mm (0.789 in)
RIGHT AND CENTER: 24.05 mm (0.947 in)

Calculate camshaft-to-bearing clearance.

SERVICE LIMIT:

LEFT AND RIGHT: 0.10 mm (0.004 in)
CENTER: 0.12 mm (0.005 in)



CYLINDER HEAD REMOVAL

Remove the engine from the frame (page 5-2).
Remove the oil pipe mount bolt, oil bolts, sealing washers and oil pipe.

Remove the cylinder head cover (page 6-3) and the camshaft (page 6-5).

