

**INSPECTION**

**ROCKER ARM SHAFT/  
ROCKER ARM**

Inspect the rocker arm shafts and rocker arms for wear or damage.

Check the rocker arms for clogged oil holes.

Measure the O.D. of each rocker arm shaft.

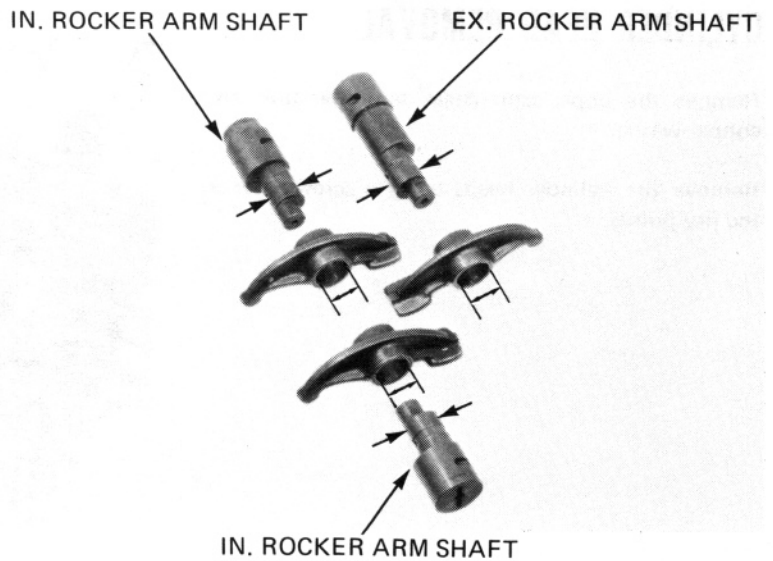
**SERVICE LIMITS:**

**IN: 13.58 mm (0.5346 in)**

**EX: 13.58 mm (0.5346 in)**

Measure the I.D. of each rocker arm.

**SERVICE LIMIT: 13.80 mm (0.5433 in)**



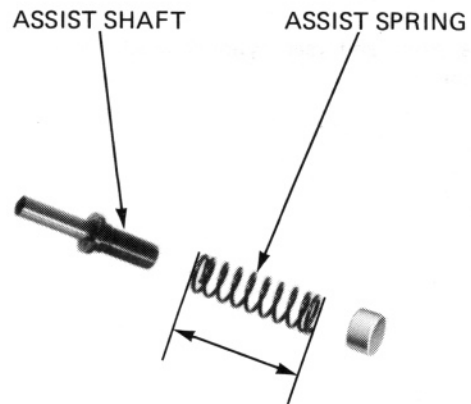
**INSPECTION**

**ASSIST SPRING/SHAFT**

Inspect the assist springs and shafts for wear or damage.

Measure the free length of each assist spring.

**SERVICE LIMIT: 18.68 mm (0.7354 in)**



**HYDRAULIC TAPPET**

Inspect the hydraulic tappet for wear or damage or for a clogged oil hole.

Measure the free length of each hydraulic tappet as follows:

Attach the Hydraulic Tappet Bleeder to the hydraulic tappet and compress and extend the hydraulic tappet slowly in a jar filled with kerosene.

**NOTE:**

Hold the hydraulic tappet upright while compressing and extending the hydraulic tappet.

Continue operating the hydraulic tappet until there are no air bubbles from the hydraulic tappet and it does not make no further action.

Remove the hydraulic tappet and try to compress quickly the tappet by hand. Measure the compression stroke with the dial gauge on the flat place.

**COMPRESSION STROKE: 0–0.2 mm**

**NOTE:**

Keep the hydraulic tappet below the surface of kerosene while priming the hydraulic tappet.

**HYDRAULIC TAPPET BLEEDER  
(07973–ME90000)**

