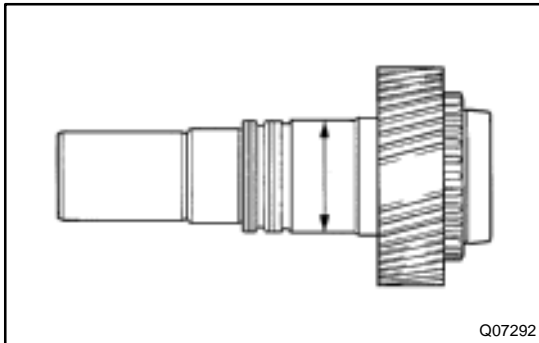


INSPECTION

1. REMOVE OIL SEAL RINGS

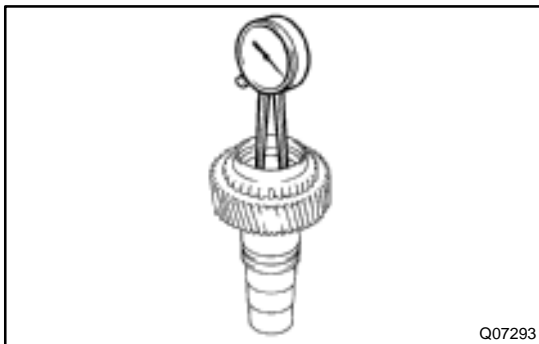
Remove the 2 oil seal rings.



2. INSPECT INPUT SHAFT

- (a) Using a micrometer, measure the outer diameter of the input shaft journal surface.

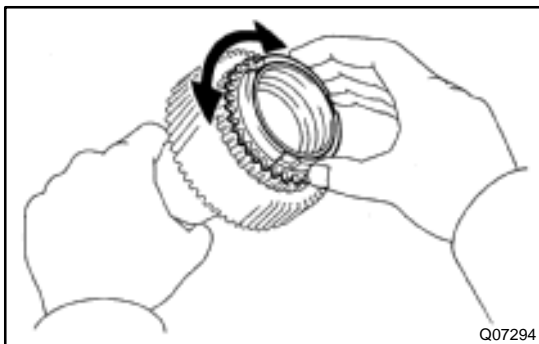
Minimum diameter: 47.59 mm (1.8736 in.)



- (b) Using a dial indicator, measure the inside diameter of the input shaft bushing.

Maximum inside diameter: 39.14 mm (1.5409 in.)

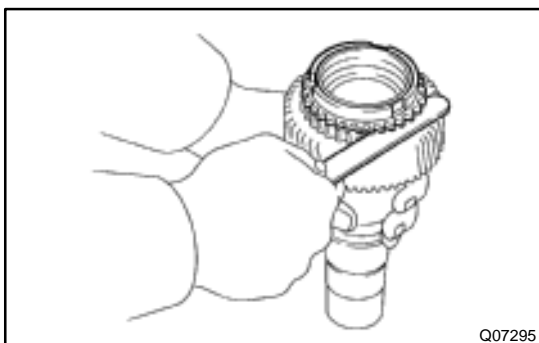
If the inside diameter exceeds the maximum, replace the input shaft.



3. M/T:

INSPECT SYNCHRONIZER RING

- (a) Turn the ring and push it in to check the braking action.



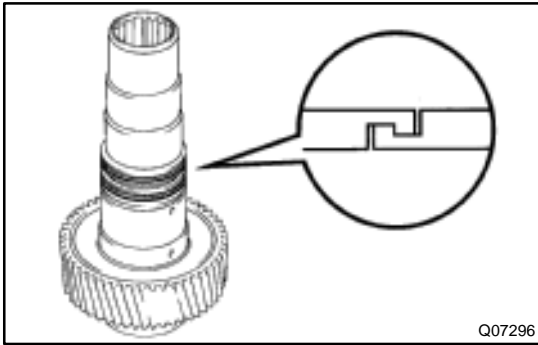
- (b) Measure the clearance between the synchronizer ring back and the input shaft spline end.

Standard clearance:

1.05 – 1.85 mm (0.0413 – 0.0728 in.)

Minimum clearance: 0.80 mm (0.0315 in.)

If the clearance is less than the minimum, replace the synchronizer ring.



4. INSTALL OIL SEAL RINGS

Install the 2 oil seal rings.

HINT:

- Apply gear oil to the oil seal ring.
- Hang securely to eliminate clearance.