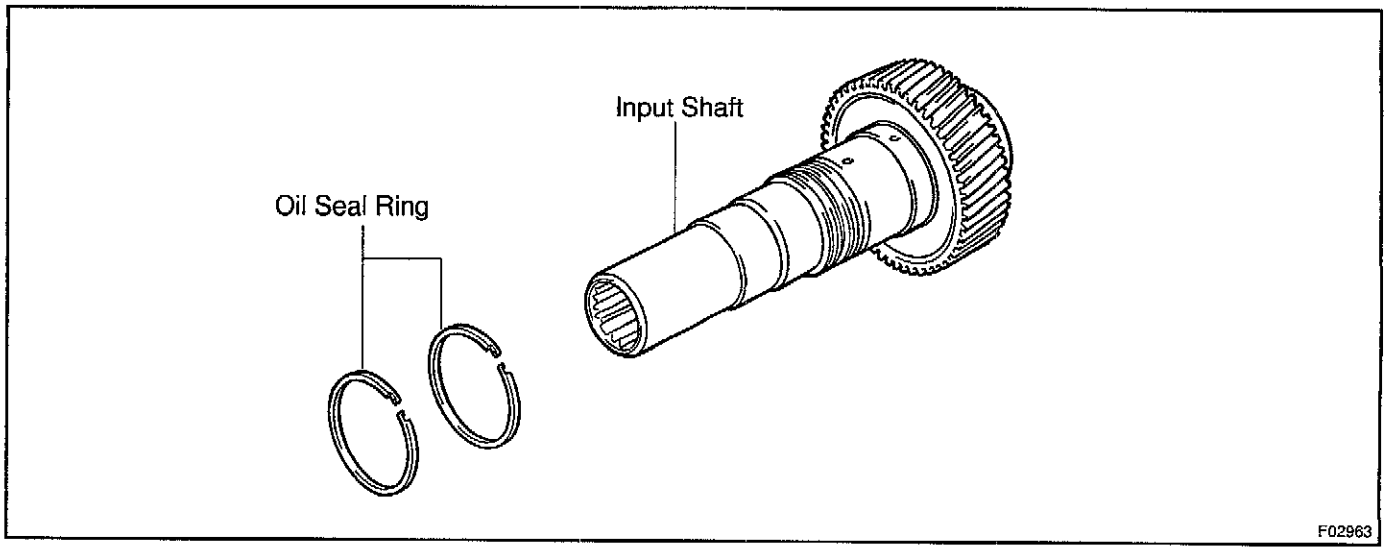
# INPUT SHAFT

## COMPONENTS

TR03E-01

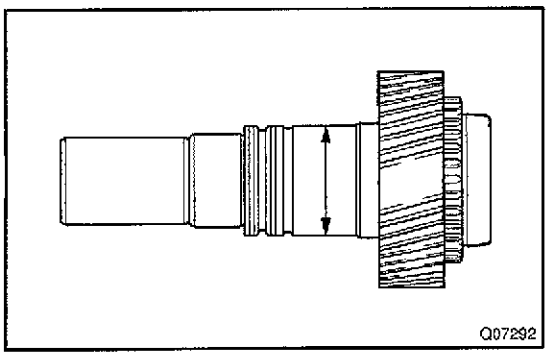


TR03F–01

# INSPECTION

## 1. REMOVE OIL SEAL RINGS

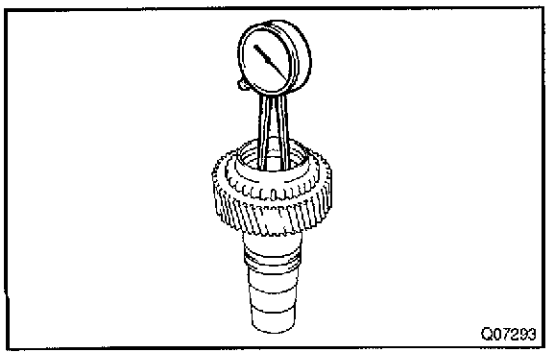
Remove the 2 oil seal rings.




## 2. INSPECT INPUT SHAFT

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

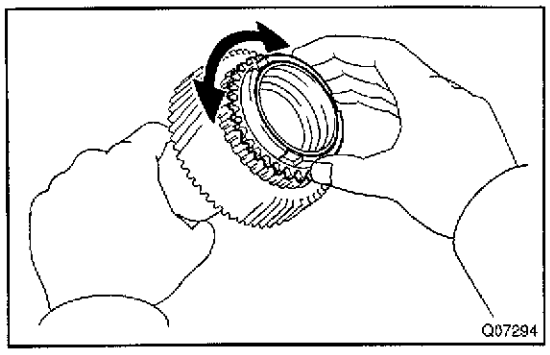
**Minimum diameter: 47.59 mm (1.8736 in.)**




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

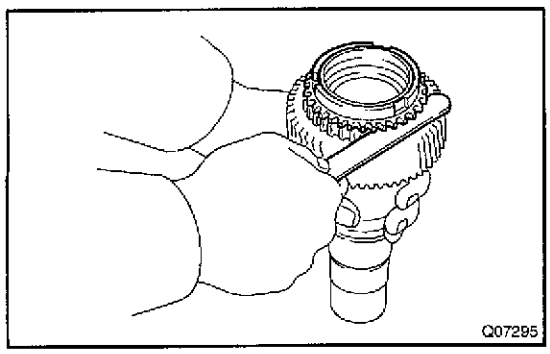
**Maximum inside diameter: 39.14 mm (1.5409 in.)**

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




## 3. INSPECT SYNCHRONIZER RING

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

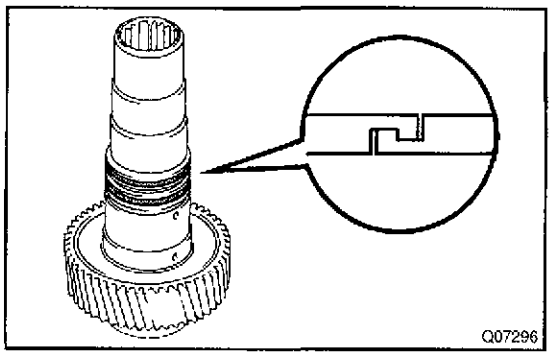



(b) Measure the clearance between the synchronizer ring back and the input shaft spline end.

**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.