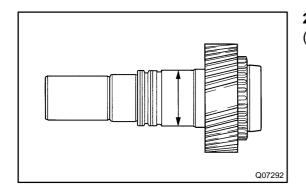
# INSPECTION

#### **REMOVE OIL SEAL RINGS** 1.

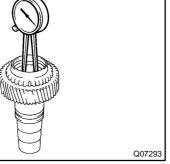
Remove the 2 oil seal rings.



### 2. **INSPECT INPUT SHAFT**

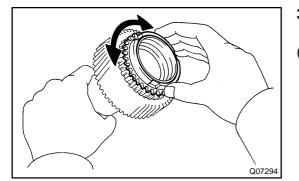
(a) Using a micrometer, measure the outer diameter of the input shaft journal surface. Minimum diameter: 47.59 mm (1.8736 in.)

Q07293

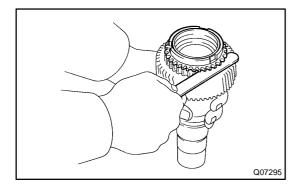


(b) Using a dial indicator, measure the inside diameter of the input shaft bushing. Maximum inside diameter: 39.14 mm (1.5409 in.)

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



- 3. M/T: **INSPECT SYNCHRONIZER RING**
- Turn the ring and push it in to check the braking action. (a)



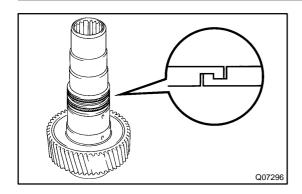
(b) Measure the clearance between the synchronizer ring back and the input shaft spline end. Standard clearance: 1.05 - 1.85 mm (0.0413 - 0.0728 in.)

Minimum clearance: 0.80 mm (0.0315 in.)

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

2003 TOYOTA TACOMA (RM1002U)

TR01C-01



## 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.