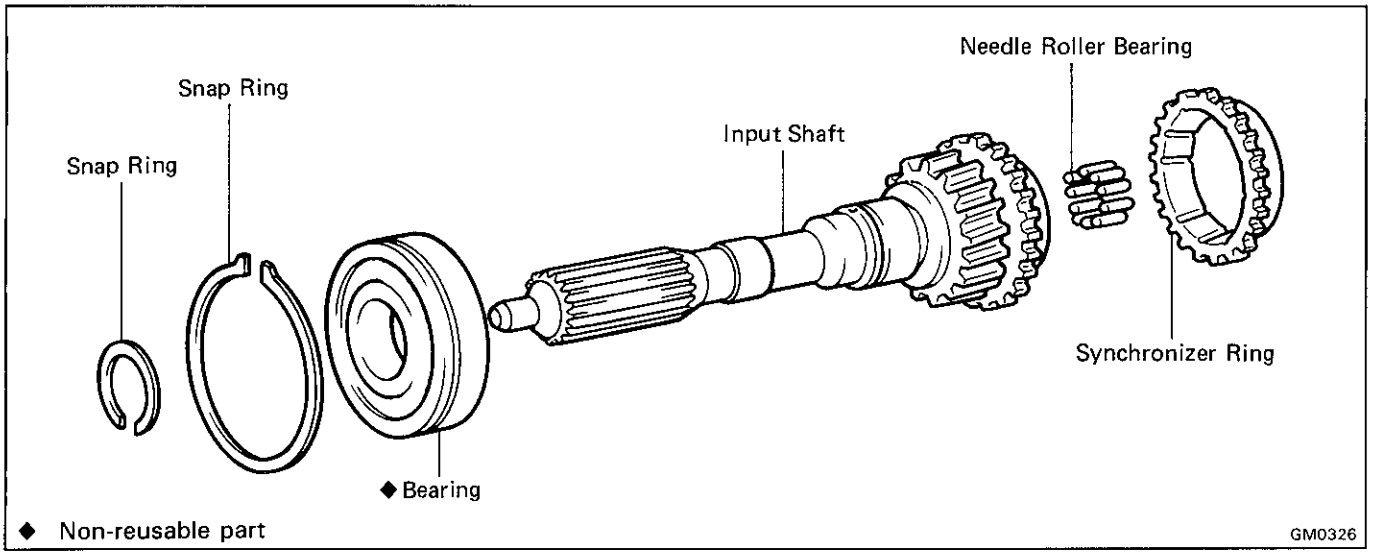
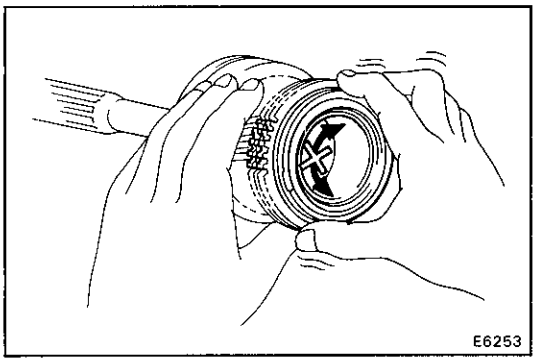
COMPONENT PARTS

Input Shaft Assembly

COMPONENTS

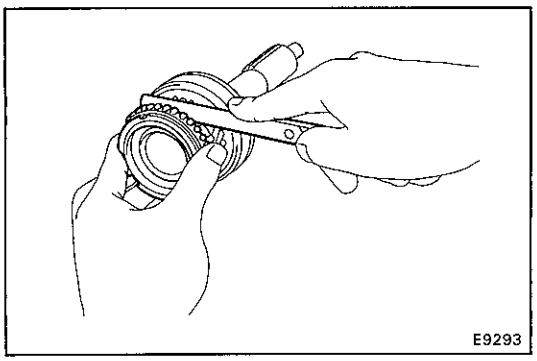


INSPECTION OF INPUT SHAFT ASSEMBLY



1. INSPECT SYNCHRONIZER RING

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



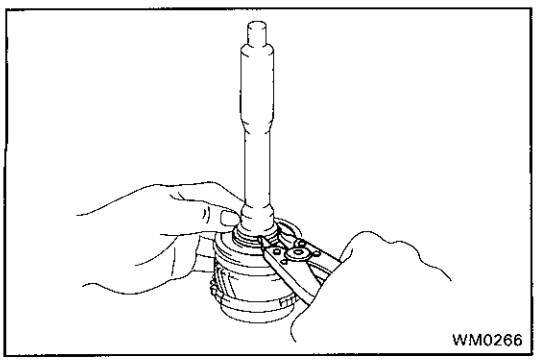
(b) Measure the clearance between the synchronizer ring back and the gear spline end.

Standard clearance: **1.0 — 2.0 mm (0.040 — 0.079 in.)**

Minimum clearance: **0.8 mm (0.031 in.)**

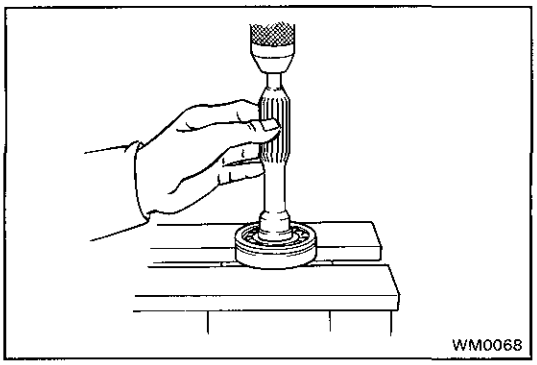
If the clearance is minimum or less, replace the synchronizer ring.

REPLACEMENT OF BEARING

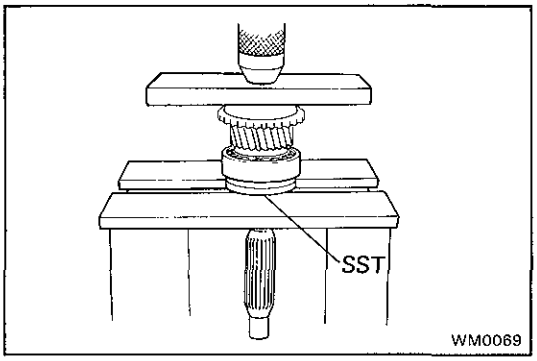


IF NECESSARY, REPLACE INPUT SHAFT BEARING

(a) Using snap ring pliers, remove the snap ring.

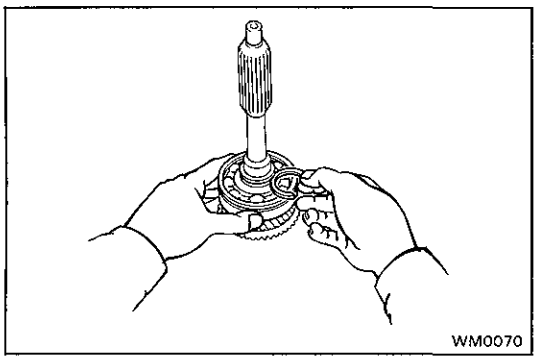


(b) Using a press, remove the bearing.



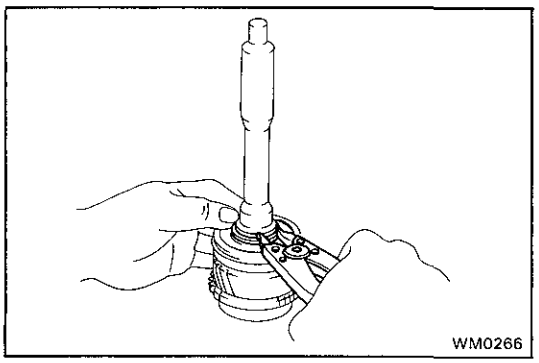
(c) Using a press and SST, install a new bearing.

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(d) Select a snap ring that will allow minimum axial play.

Mark	Thickness mm (in.)
0	2.05 — 2.10 (0.0807 — 0.0827)
1	2.10 — 2.15 (0.0827 — 0.0846)
2	2.15 — 2.20 (0.0846 — 0.0866)
3	2.20 — 2.25 (0.0866 — 0.0886)
4	2.25 — 2.30 (0.0886 — 0.0906)
5	2.30 — 2.35 (0.0906 — 0.0925)



(e) Using snap ring pliers, install the snap ring.