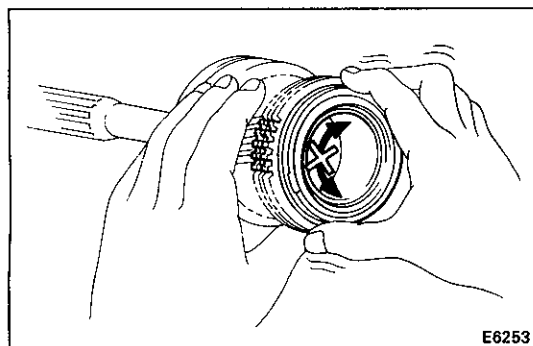
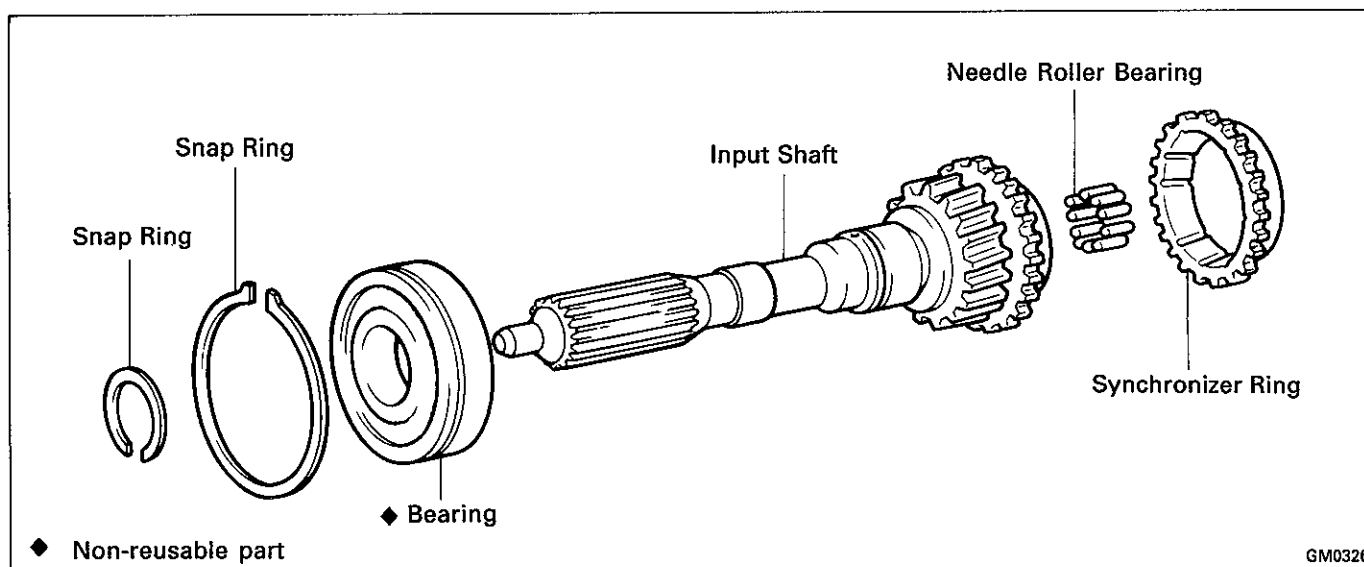


COMPONENT PARTS

Input Shaft Assembly

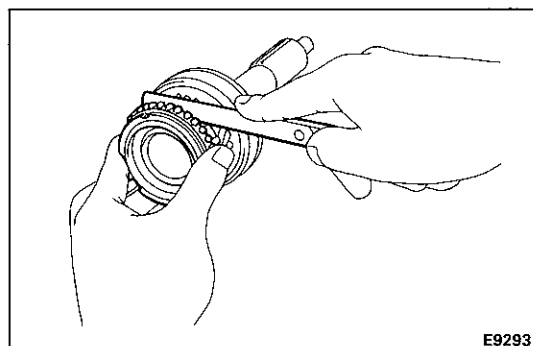
COMPONENTS



INSPECTION OF INPUT SHAFT ASSEMBLY

INSPECT SYNCHRONIZER RING

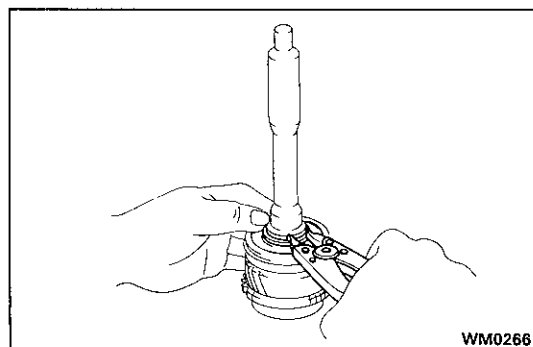
- (a) Turn the ring and push it into check braking action.



- (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.)

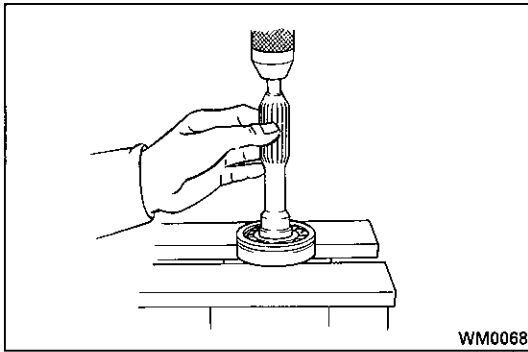
Minimum clearance: 0.8 mm (0.031 in.)



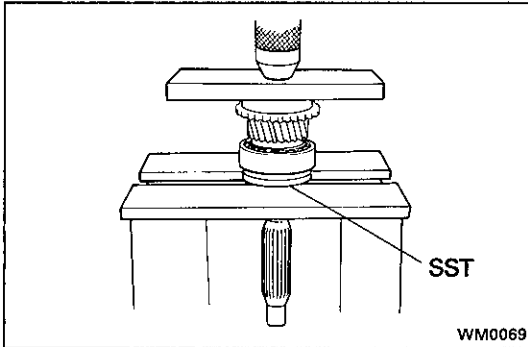
REPLACEMENT OF BEARING

IF NECESSARY, REPLACE INPUT SHAFT BEARING

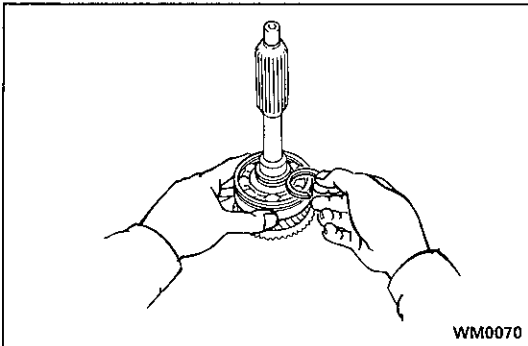
- (a) Using snap ring pliers, remove the snap ring.



(b) Using a press, remove the bearing.

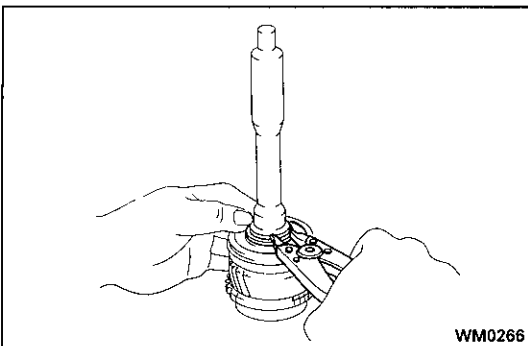


(c) Using a press and SST, install a new bearing.
SST 09506-35010



(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.