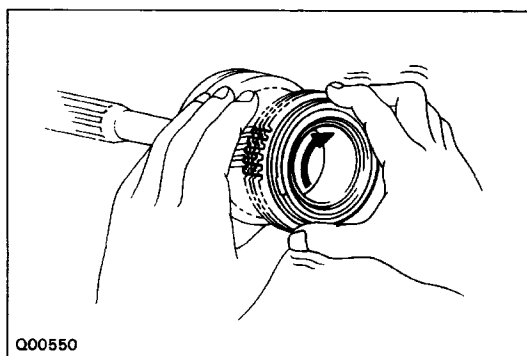
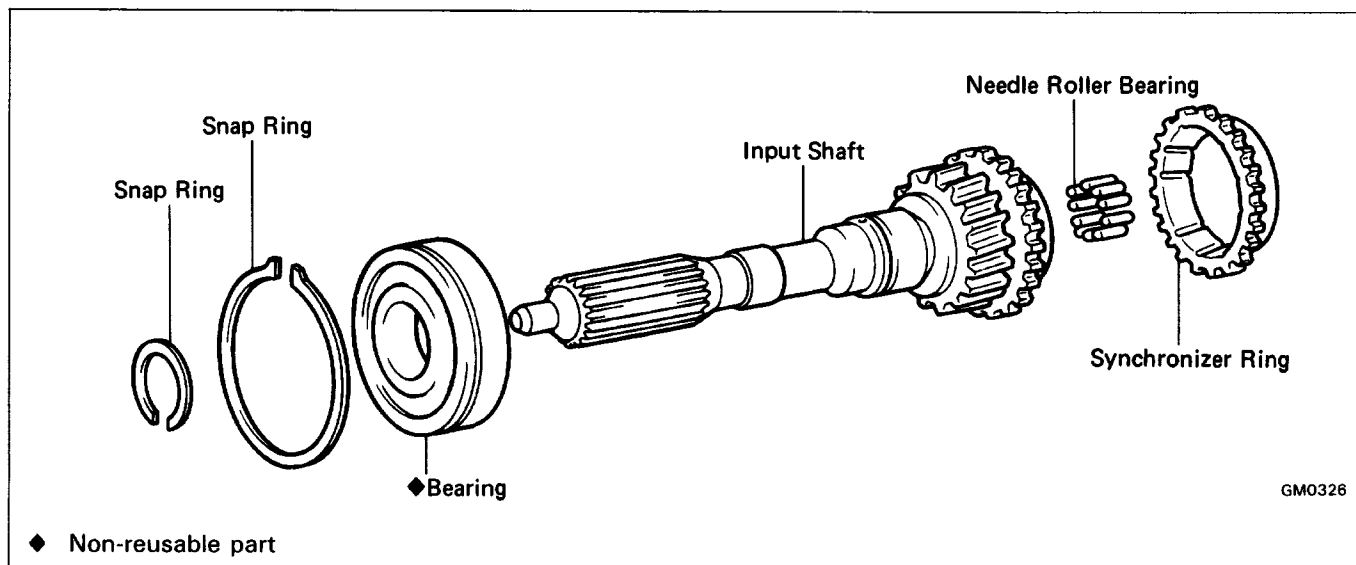


COMPONENT PARTS

Input Shaft Assembly

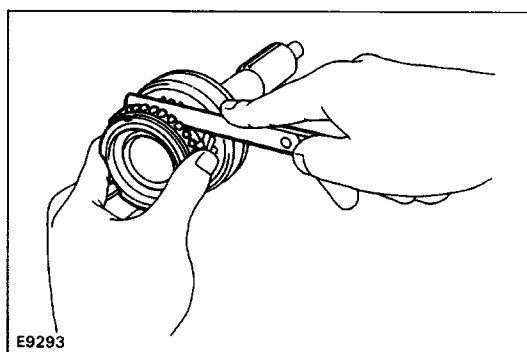
COMPONENTS



INSPECTION OF INPUT SHAFT ASSEMBLY

INSPECT SYNCHRONIZER RING

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

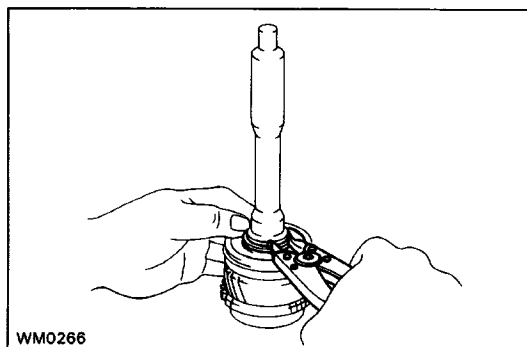


(b) Using a feeler gauge, measure the clearance between the synchronizer ring back and gear spline end.

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

Minimum clearance: 0.8 mm (0.031 in.)

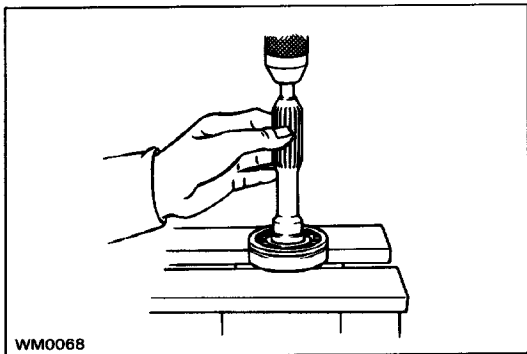
If the clearance is less than the minimum, replace the synchronizer ring.



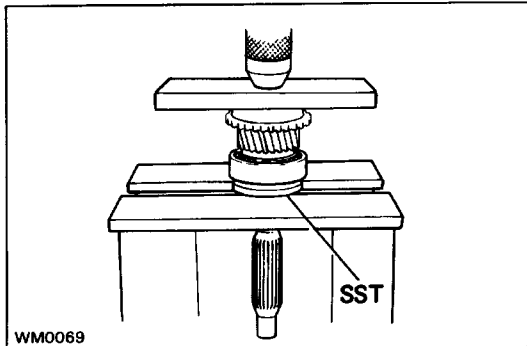
REPLACEMENT OF BEARING

IF NECESSARY, REPLACE INPUT SHAFT BEARING

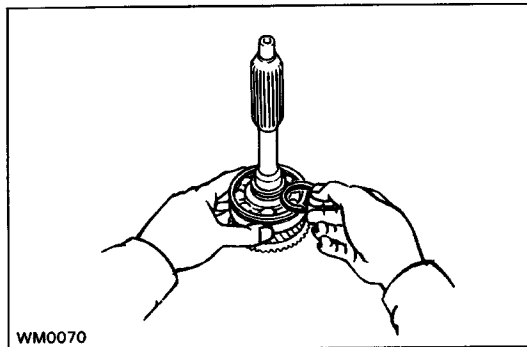
(a) Using a snap ring expander, remove the snap ring.



(b) Using a press, remove the bearing.

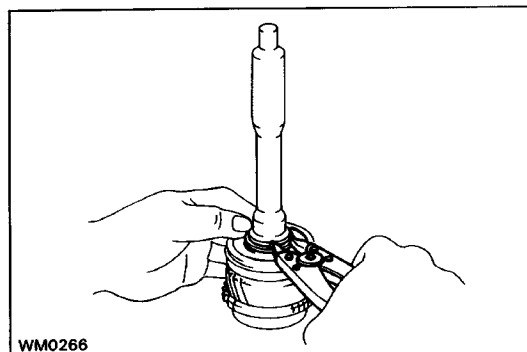


(c) Using SST and a press, install a new bearing.
SST 09506-35010



(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 a snap ring expander, install the snap ring.