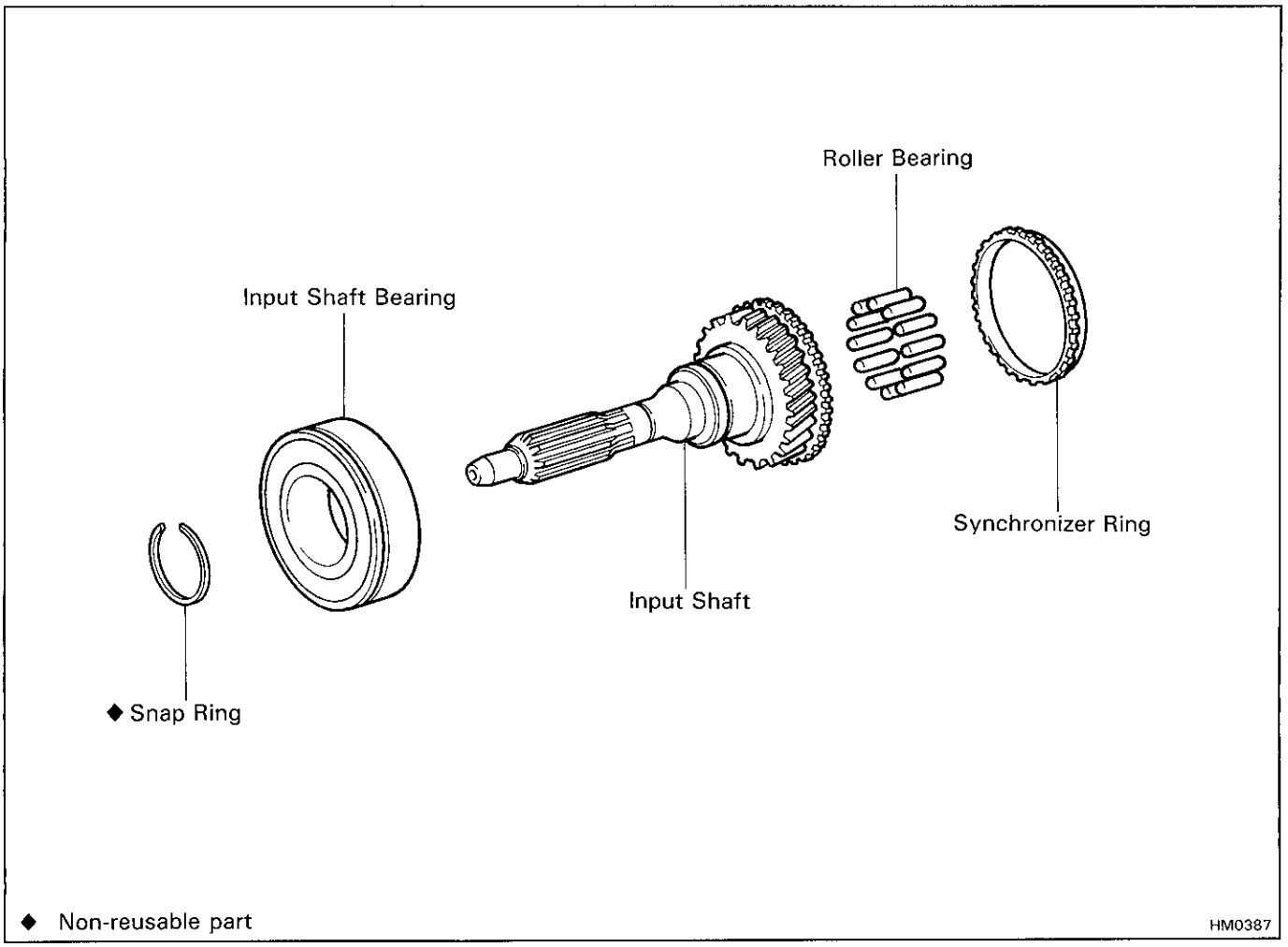
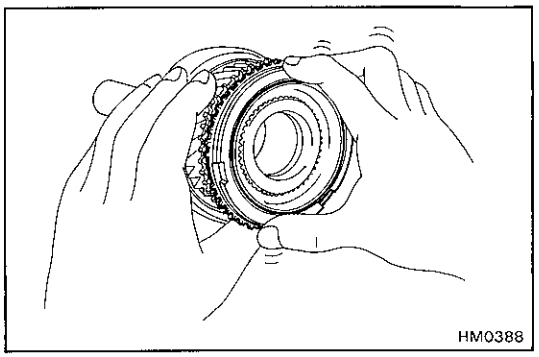
INPUT SHAFT

COMPONENTS

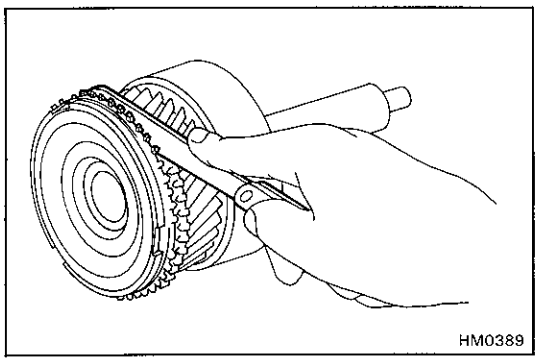


◆ Non-reusable part

HM0387



HM0388



HM0389

INPUT SHAFT COMPONENT PARTS INSPECTION

INSPECT SYNCHRONIZER RING

(a) Check for wear or damage.

(b) Check the braking effect of the synchronizer ring. Turn the synchronizer ring in one direction while pushing it to the gear cone and check that the ring is locked.

If the braking effect is insufficient, lightly rub the synchronizer ring and gear cone by applying a small amount of fine lapping compound.

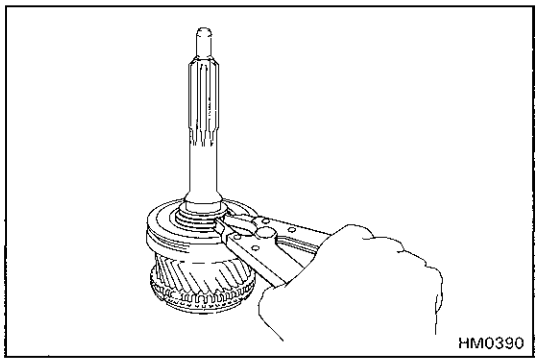
NOTICE:

- **Wash off completely the fine lapping compound after rubbing.**
- **Check again the braking action of the synchronizer ring.**

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

Minimum clearance: 0.6 mm (0.0236 in.)

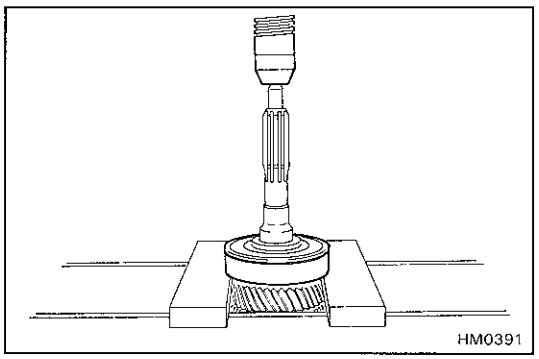
If the clearance is less than the limit, replace the synchronizer ring.



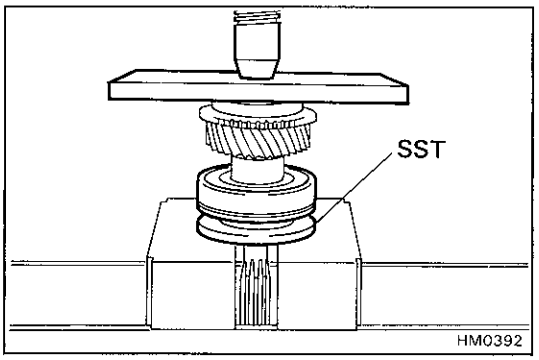
REPLACEMENT OF BEARING

IF NECESSARY, REPLACE INPUT SHAFT BEARING

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

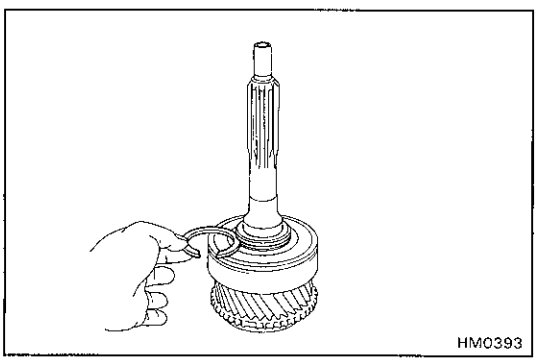


(b) Using a press, remove the bearing.



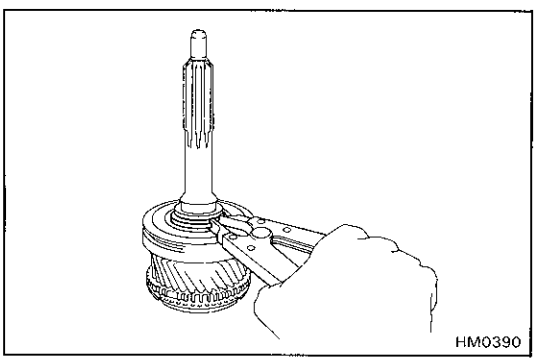
(c) Using SST and a press, install a new bearing.

SST 09316-20011



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

Mark	Thickness mm (in.)
A	2.50 — 2.55 (0.0984 — 0.1004)
B	2.55 — 2.60 (0.1004 — 0.1024)
C	2.60 — 2.65 (0.1024 — 0.1043)
D	2.65 — 2.70 (0.1043 — 0.1063)
E	2.70 — 2.75 (0.1063 — 0.1083)
F	2.75 — 2.80 (0.1083 — 0.1102)



(e) Using a snap ring expander, install the snap ring.