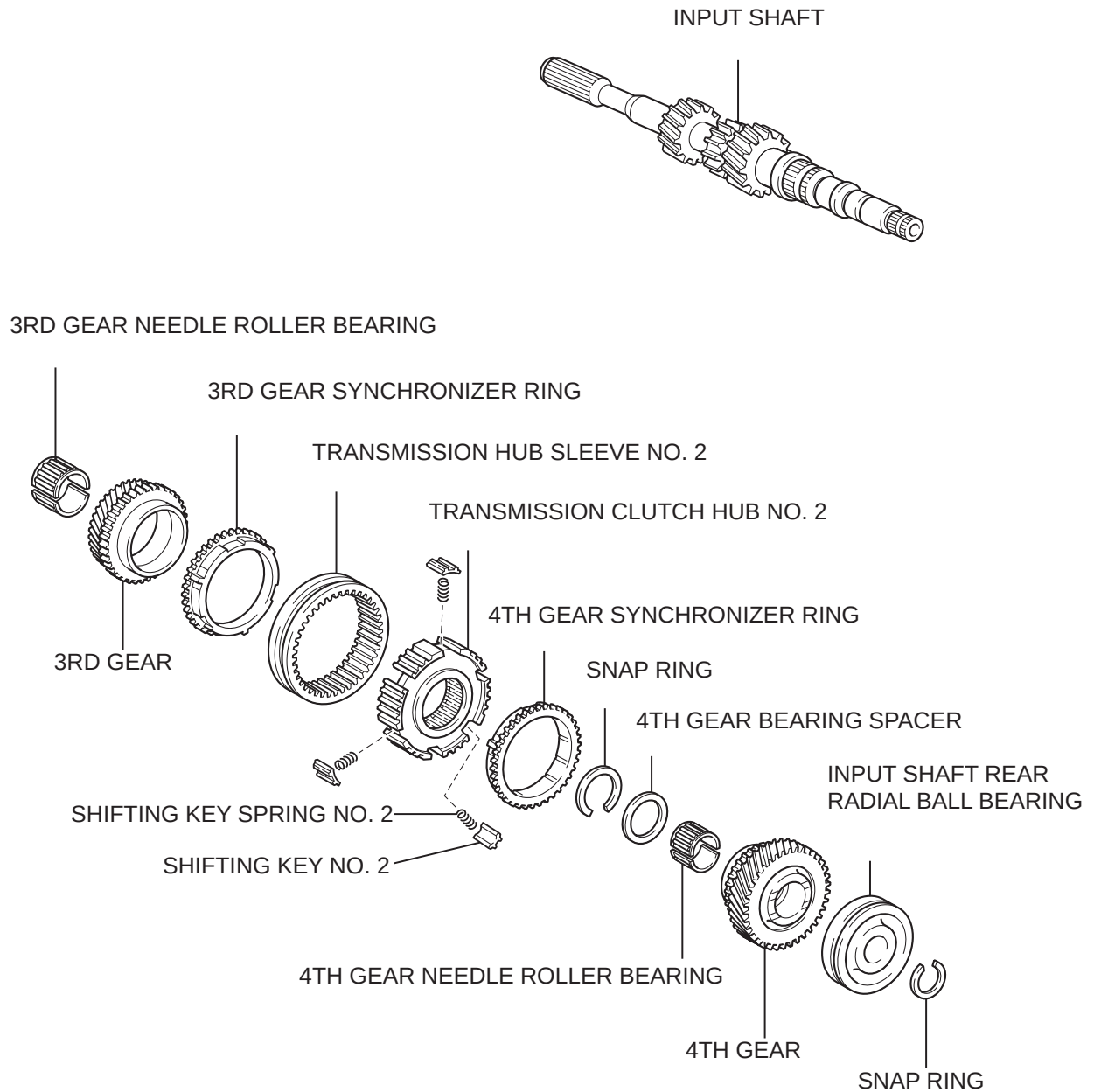


INPUT SHAFT

COMPONENTS



DISASSEMBLY

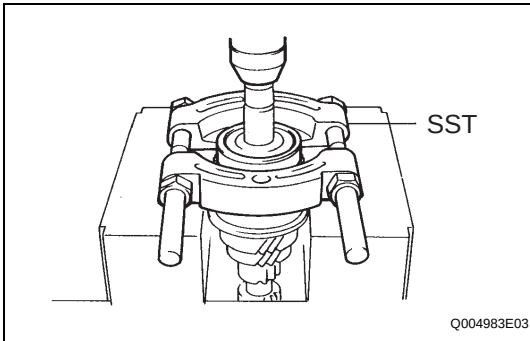
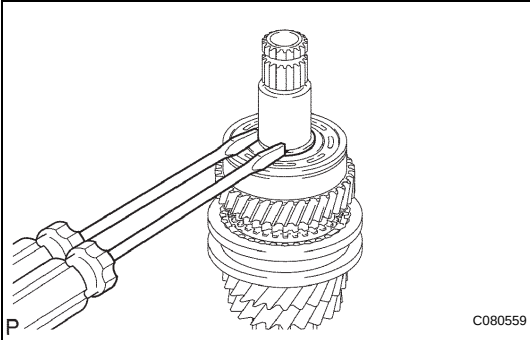
1. INSPECT 4TH GEAR THRUST CLEARANCE (See page [MX-68](#))
2. INSPECT 3RD GEAR THRUST CLEARANCE (See page [MX-68](#))
3. INSPECT 4TH GEAR RADIAL CLEARANCE (See page [MX-68](#))
4. INSPECT 3RD GEAR RADIAL CLEARANCE (See page [MX-68](#))

5. REMOVE 4TH GEAR

- (a) Using 2 screwdrivers and a hammer, tap out the snap ring.

HINT:

Use a shop rag or piece of cloth to keep the snap ring from flying.



- (b) Using SST and a press, remove the input shaft rear radial ball bearing and 4th gear from the input shaft.

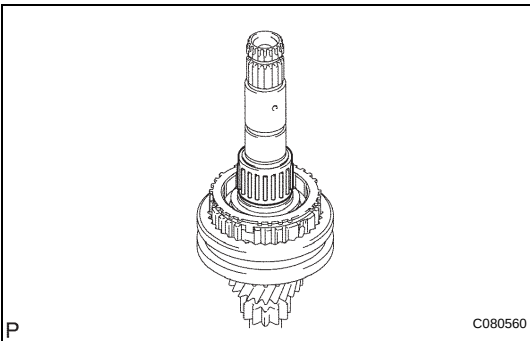
SST 09950-00020

NOTICE:

- Do not tighten SST excessively.
- Support the input shaft assembly by hand so that it will not be dropped off.

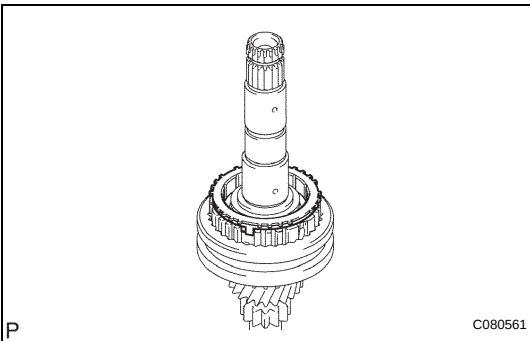
6. REMOVE 4TH GEAR NEEDLE ROLLER BEARING

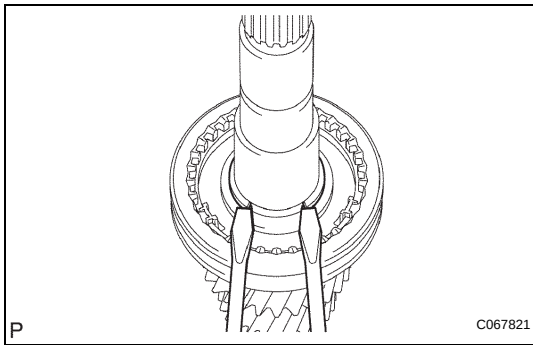
- (a) Remove the 4th gear needle roller bearing and 4th gear bearing spacer from the input shaft.



7. REMOVE 4TH GEAR SYNCHRONIZER RING

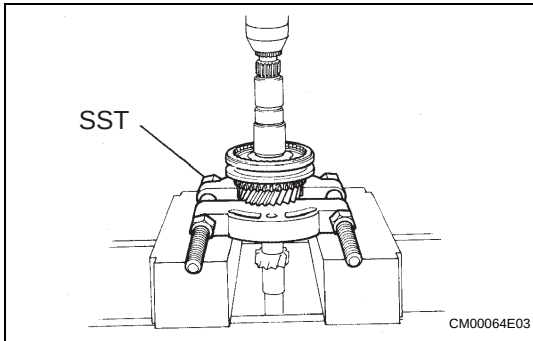
- (a) Remove the 4th gear synchronizer ring from the transmission clutch hub No. 2.





8. REMOVE 3RD GEAR

- (a) Using 2 screwdrivers and a hammer, tap out the snap ring.
HINT:
 Use a shop rag or piece of cloth to keep the snap ring from flying.

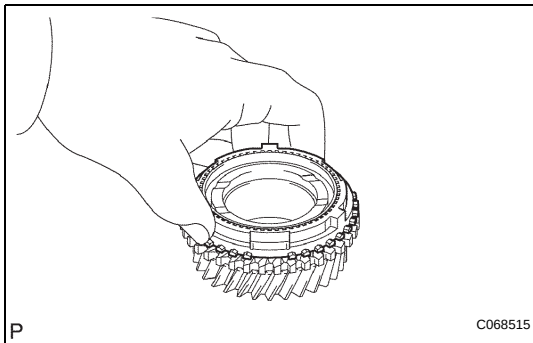


- (b) Using SST and a press, remove the transmission clutch hub No. 2 and 3rd gear from the input shaft.

SST 09950-00020

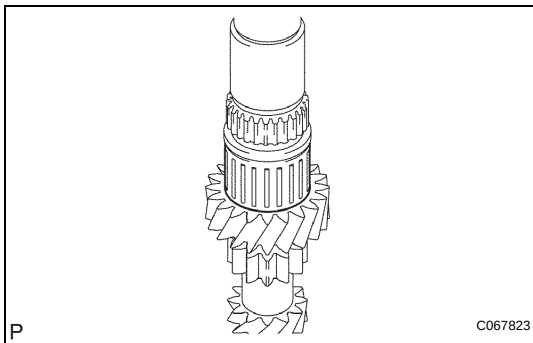
NOTICE:

- Do not tighten SST excessively.
- Support the input shaft by hand so that it will not be dropped off.



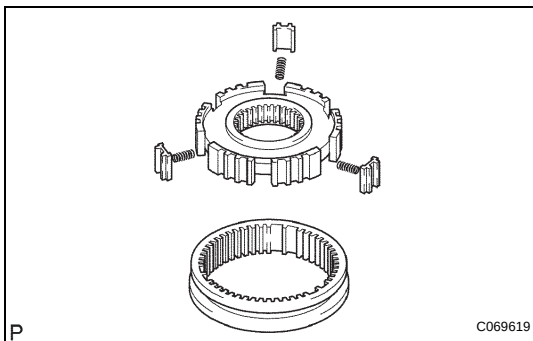
9. REMOVE 3RD GEAR SYNCHRONIZER RING

- (a) Remove the 3rd gear synchronizer ring from the 3rd gear.



10. REMOVE 3RD GEAR NEEDLE ROLLER BEARING

- (a) Remove the 3rd gear needle roller bearing from the input shaft.



11. REMOVE TRANSMISSION HUB SLEEVE NO. 2

- (a) Remove the transmission hub sleeve No. 2, 3 shifting key No. 2 and 3 shifting key spring No. 2 from the transmission clutch hub No. 2.

HINT:

Using a shop rag or piece of cloth to prevent the shifting key and shifting key spring from being scattered.

12. INSPECT INPUT SHAFT (See page [MX-69](#))

13. INSPECT 4TH GEAR (See page [MX-69](#))