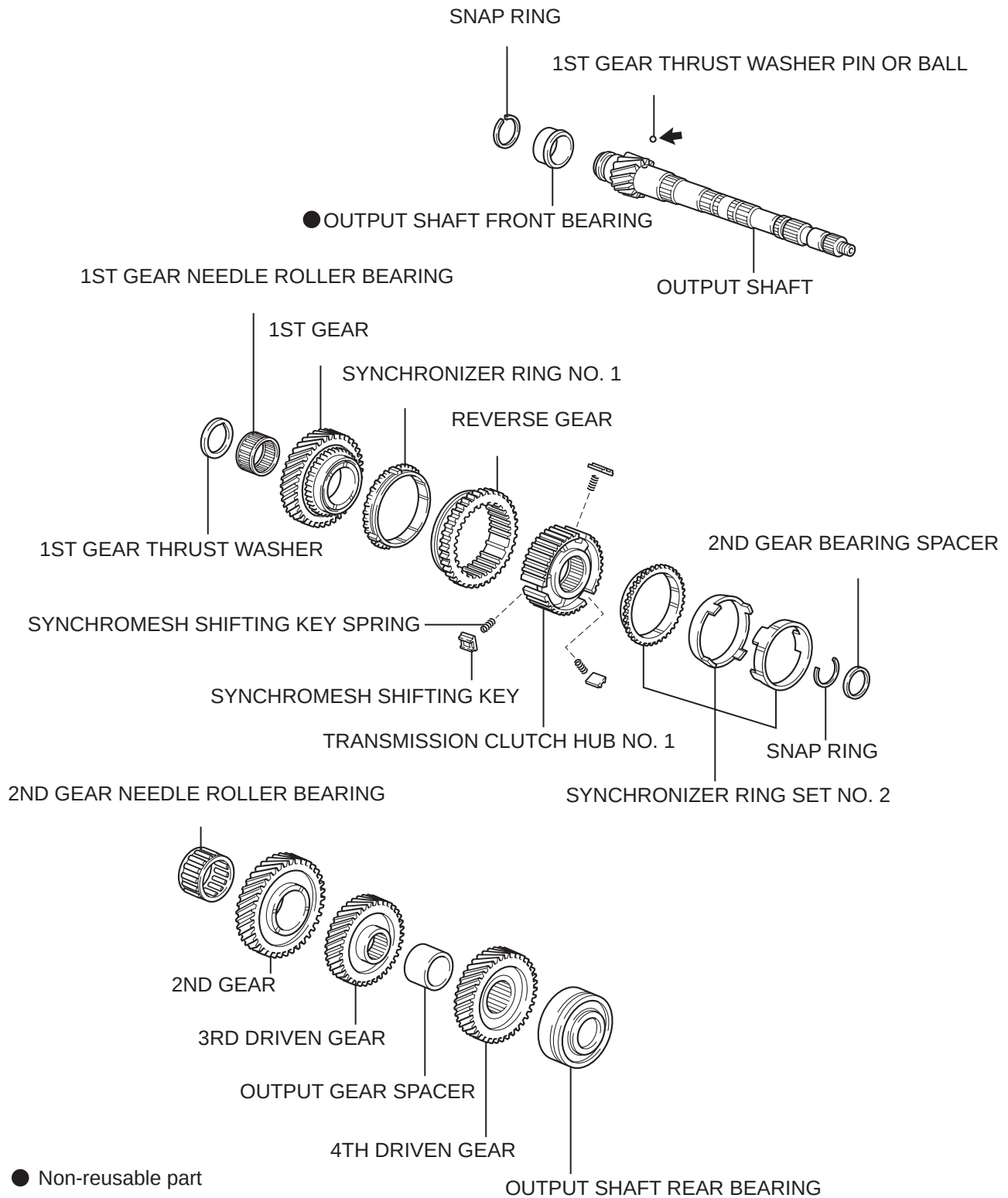


OUTPUT SHAFT

COMPONENTS



● Non-reusable part

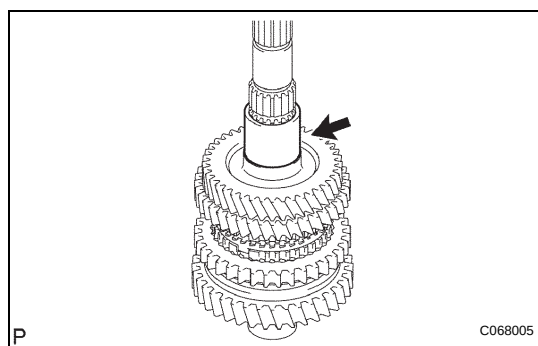
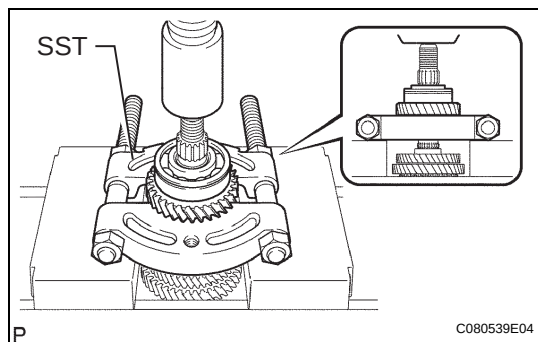
← Apply MP grease

N

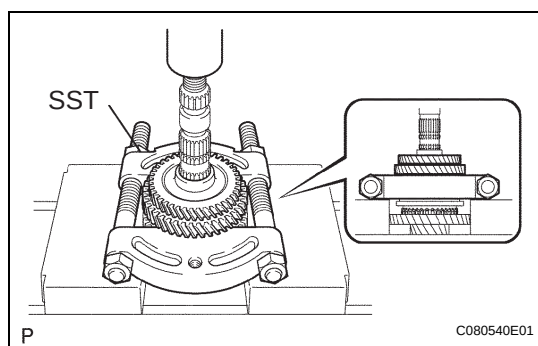
C119549E03

DISASSEMBLY

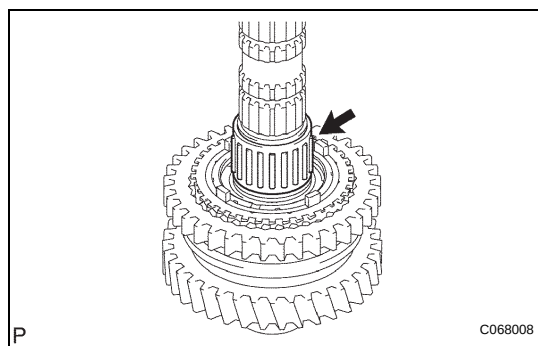
1. INSPECT 1ST GEAR THRUST CLEARANCE (See page [MX-79](#))
2. INSPECT 2ND GEAR THRUST CLEARANCE (See page [MX-79](#))
3. INSPECT 1ST GEAR RADIAL CLEARANCE (See page [MX-79](#))
4. INSPECT 2ND GEAR RADIAL CLEARANCE (See page [MX-79](#))
5. REMOVE 4TH DRIVEN GEAR
 - (a) Using SST and a press, remove the output shaft rear bearing with 4th driven gear from the output shaft.
SST 09950-00020



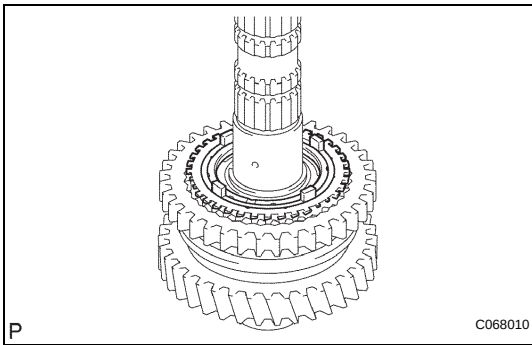
6. REMOVE OUTPUT GEAR SPACER
 - (a) Remove the output gear spacer from the output shaft.



7. REMOVE 2ND GEAR
 - (a) Using SST and a press, remove the 3rd driven gear with 2nd gear from the output shaft.
SST 09950-00020

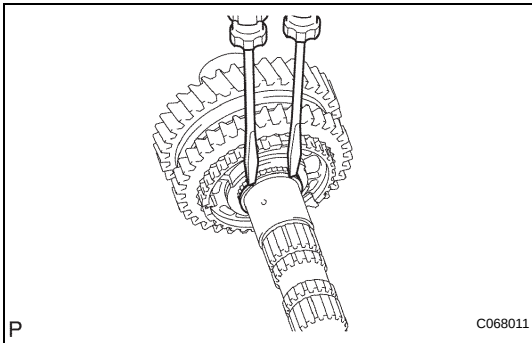


8. REMOVE 2ND GEAR NEEDLE ROLLER BEARING
 - (a) Remove the 2nd gear needle roller bearing and 2nd gear bearing spacer from the output shaft.



9. REMOVE SYNCHRONIZER RING SET NO. 2

- (a) Remove the synchronizer ring set No. 2 from the output shaft.

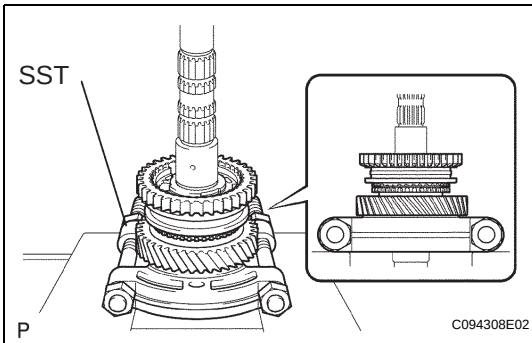


10. REMOVE 1ST GEAR

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

HINT:

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

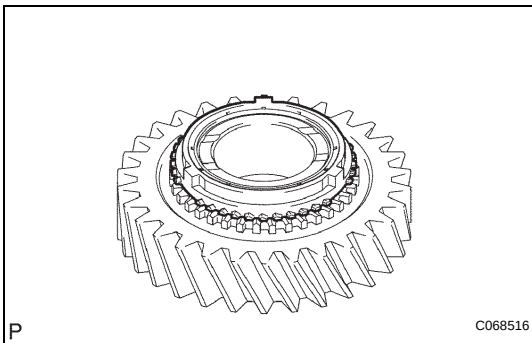


- (b) Using SST and a press, remove the transmission clutch hub No. 1 with 1st gear from the output shaft.

SST 09950-00020

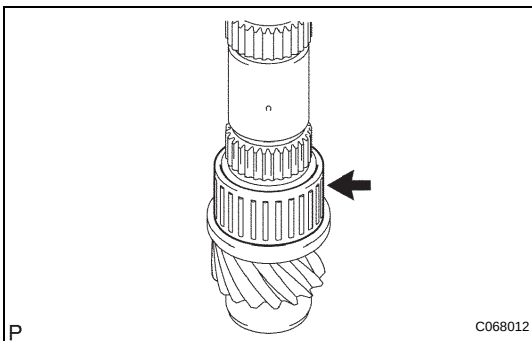
NOTICE:

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



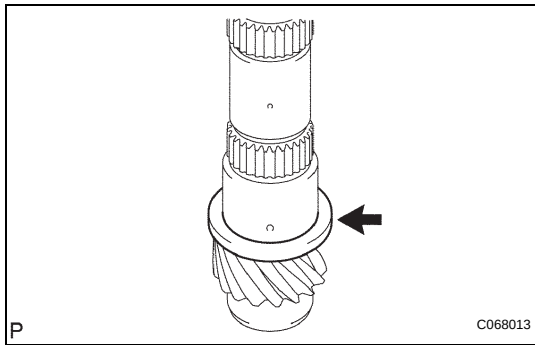
11. REMOVE SYNCHRONIZER RING NO. 1

- (a) Remove the synchronizer ring No. 1 from the 1st gear.

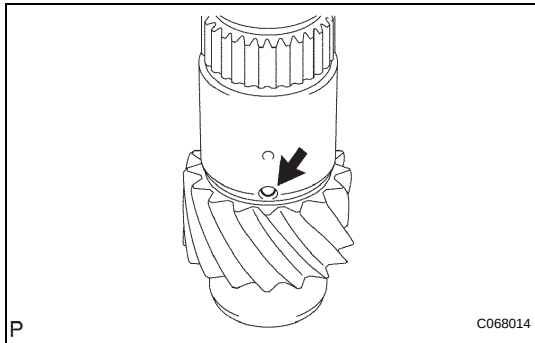


12. REMOVE 1ST GEAR NEEDLE ROLLER BEARING

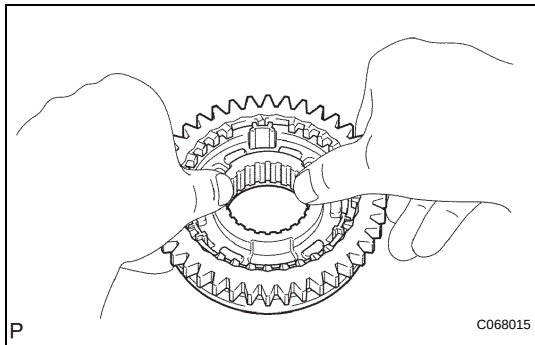
- (a) Remove the 1st gear needle roller bearing from the output shaft.

**13. REMOVE 1ST GEAR THRUST WASHER**

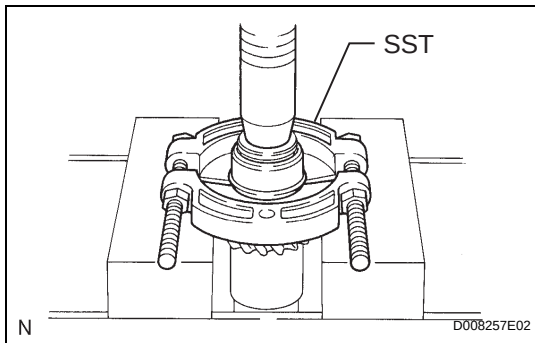
- (a) Remove the 1st gear thrust washer from the output shaft.

**14. REMOVE 1ST GEAR THRUST WASHER PIN OR BALL**

- (a) Remove the 1st gear thrust washer pin or ball from the output shaft.

**15. REMOVE REVERSE GEAR**

- (a) Remove the 3 synchromesh shifting keys, 3 synchromesh shifting key springs and reverse gear.
HINT:
Use a shop rag or piece of cloth to keep the shifting key and shifting key spring from flying.

**16. REMOVE OUTPUT SHAFT FRONT BEARING**

- (a) Using 2 screwdrivers, remove 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 output shaft front bearing from the output shaft.
SST 09950-00020

17. INSPECT OUTPUT SHAFT (See page [MX-80](#))**18. INSPECT 2ND GEAR (See page [MX-80](#))****19. INSPECT 1ST GEAR (See page [MX-80](#))****20. INSPECT 1ST GEAR THRUST WASHER (See page [MX-81](#))****21. INSPECT SYNCHRONIZER RING SET NO. 2 (See page [MX-81](#))****22. INSPECT SYNCHRONIZER RING NO. 1 (See page [MX-81](#))****23. INSPECT REVERSE GEAR (See page [MX-82](#))**