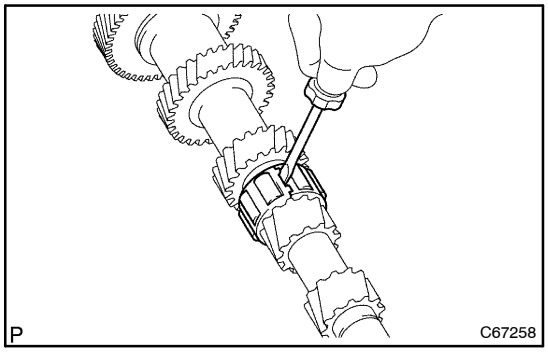
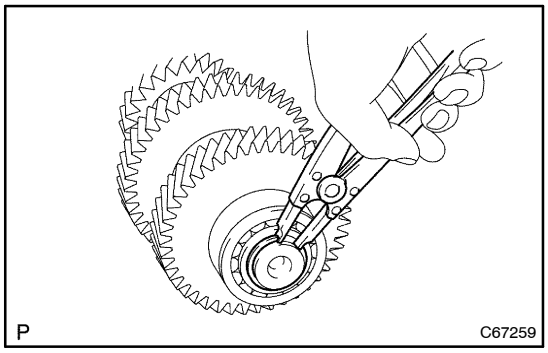
41071–01

OVERHAUL



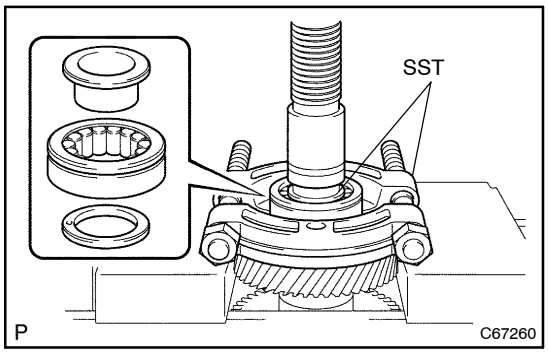
1. REMOVE COUNTER SHAFT CENTER BEARING

(a) Using a screwdriver, remove the bearing.



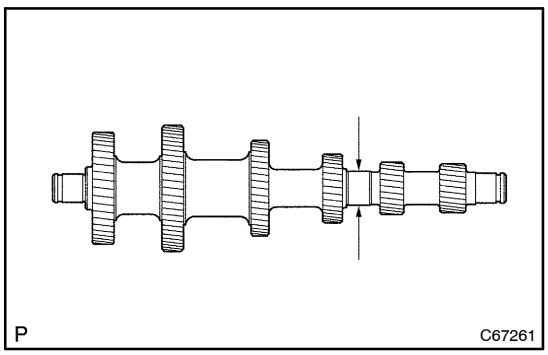
2. REMOVE COUNTER GEAR FRONT BEARING SNAP RING NO.1

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



3. REMOVE COUNTER GEAR FRONT BEARING OR ROLLER

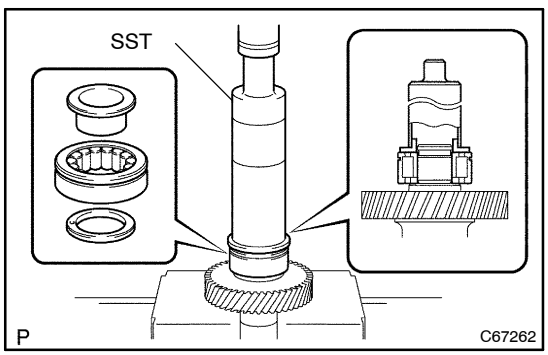
(a) Using SST and a press, press out the front bearing.
SST 09950–00020, 09950–60010 (09951–00290), 09950–70010 (09951–07100)



4. INSPECT COUNTER GEAR ASSY

(a) Using a micrometer, measure the bearing race outside diameter of the counter gear.
Standard outside diameter:
35.957 – 35.970 mm (1.4156 – 1.4161 in.)
Minimum outside diameter: 35.957 mm (1.4156 in.)

If the clearance is less than minimum, replace the gear bearing or shaft.



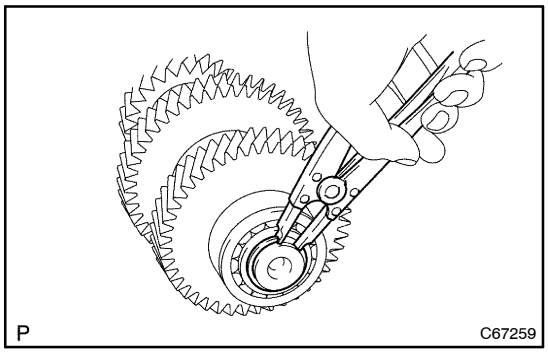
5. INSTALL COUNTER GEAR FRONT BEARING OR ROLLER

(a) Apply gear oil to the side race and bearing.
(b) Install the inner race and side race to the bearing as shown.
(c) Using SST and a press, press in the bearing.
SST 09316–60011 (09316–00011, 09316–00021)

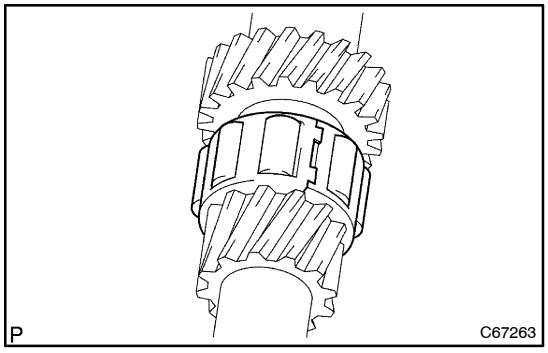
6. INSTALL COUNTER GEAR FRONT BEARING SNAP RING NO.1

(a) Select a snap ring that allows the minimum axial play.

Mark	Thickness mm (in.)
A	2.45 – 2.50 (0.0970 – 0.0984)
B	2.50 – 2.55 (0.0984 – 0.1004)
C	2.55 – 2.60 (0.1004 – 0.1024)
D	2.60 – 2.65 (0.1024 – 0.1044)
E	2.65 – 2.70 (0.1044 – 0.1063)
F	2.70 – 2.75 (0.1063 – 0.1083)



(b) Using snap ring pliers (expander), install the snap ring.



7. INSTALL COUNTER SHAFT CENTER BEARING

(a) Apply gear oil to the counter shaft center bearing.

(b) Engage the center bearing to the counter gear assy.