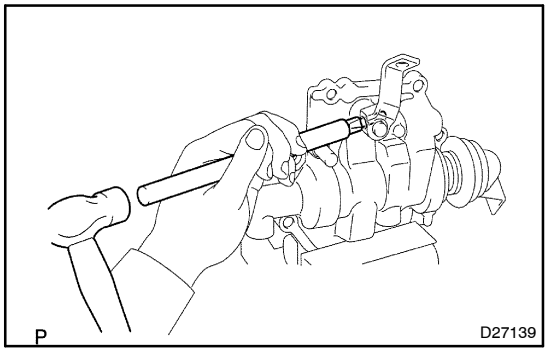
410CQ–01

OVERHAUL



1. REMOVE SELECT OUTER LEVER

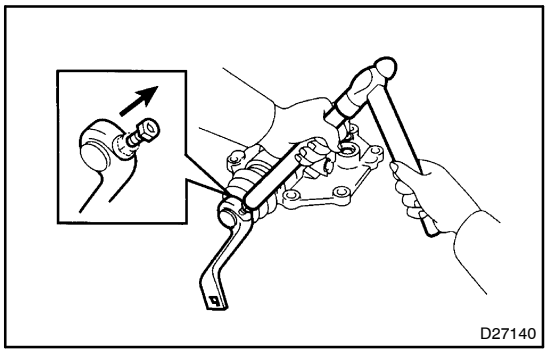
(a) Remove the nut and washer.

(b) Using a brass bar and a hammer, tap out the lever lock pin.

(c) Remove the select outer lever and washer from the select lever shaft.

2. REMOVE SELECT LEVER SHAFT

(a) Remove the select lever shaft from the shift lever housing.

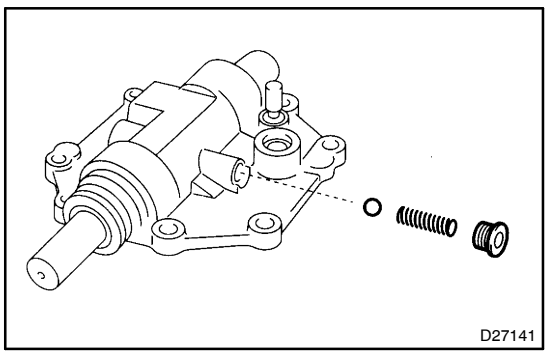


3. REMOVE SHIFT OUTER LEVER NO.1

(a) Remove the nut and washer.

(b) Using a brass bar and a hammer, tap out the lever lock pin.

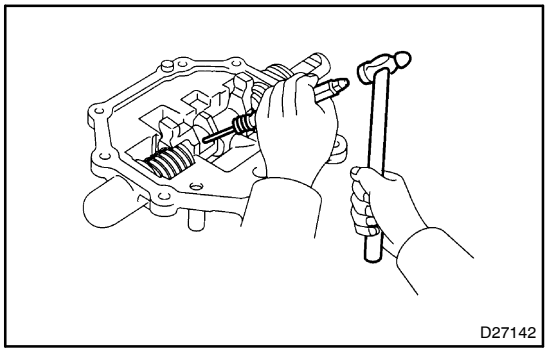
(c) Pull out the shift outer lever and boot from the shift lever shaft.



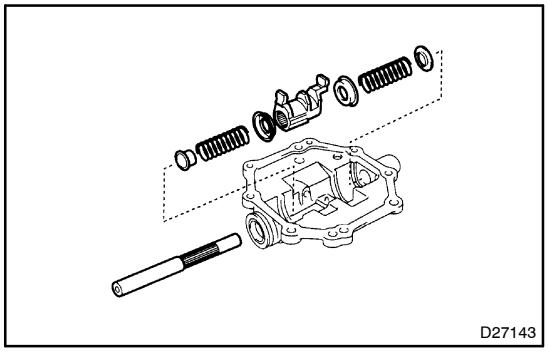
4. REMOVE SHIFT & SELECT LEVER SHAFT ASSY

(a) Using a torx wrench (T40), remove the plug.

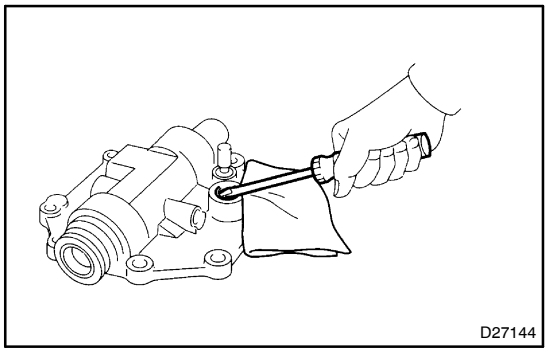
(b) Using a magnetic finger, remove the spring and ball.



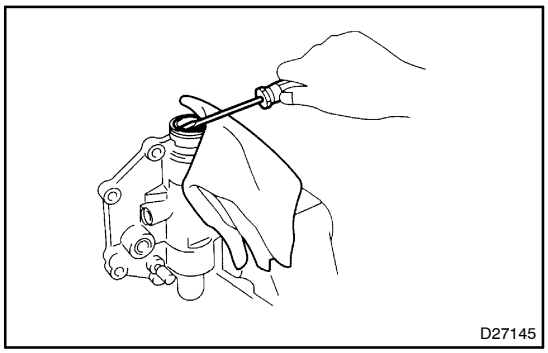
(c) Using a pin punch and a hammer, tap out the slotted spring pin.



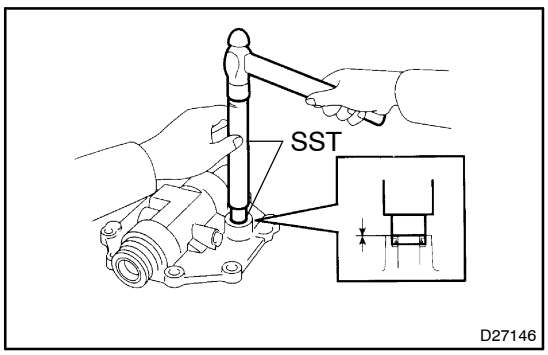
(d) Remove the shift lever shaft.
(e) Remove the shift & select lever, 4 spring seats and 2 springs.



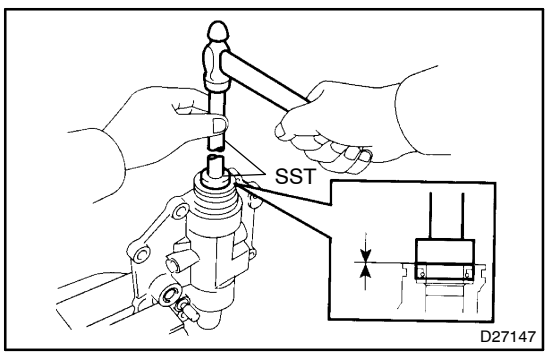
5. REMOVE SELECT OUTER LEVER OIL SEAL
(a) Using a screwdriver, pry out the oil seal.



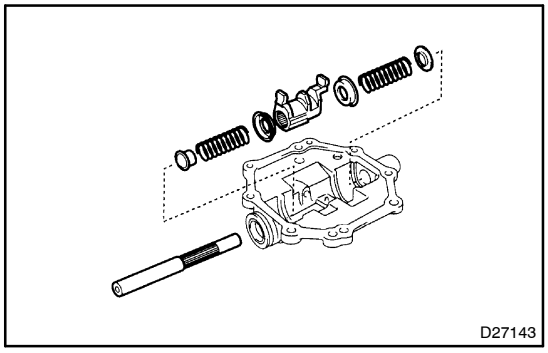
6. REMOVE SHIFT OUTER LEVER OIL SEAL
(a) Using a screwdriver, pry out the oil seal.



7. INSTALL SELECT OUTER LEVER OIL SEAL
(a) Using SST and a hammer, tap in a new oil seal.
SST 09950–60010 (09951–00200), 09950–70010 (09951–07150)
Tap in depth: 0 – 1.0 mm (0 – 0.039 in.)
(b) Apply MP grease to the oil seal.



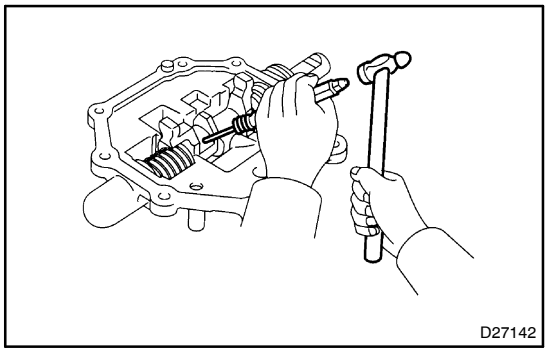
8. INSTALL SHIFT OUTER LEVER OIL SEAL
(a) Using SST and a hammer, tap in a new oil seal.
SST 09950–60010 (09951–00220, 09951–00320), 09950–60020 (09952–06010), 09950–70010 (09951–07150)
Tap in depth: –0.2 – 0.6 mm (–0.008 – 0.024 in.)
(b) Apply MP grease to the oil seal.



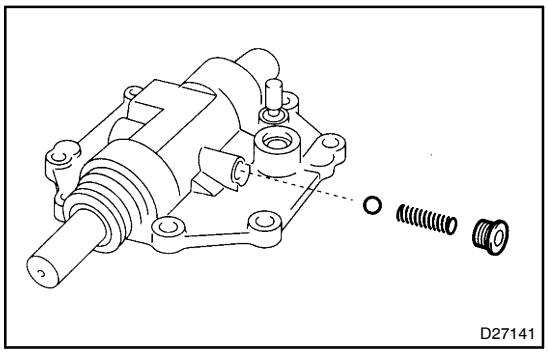
9. INSTALL SHIFT & SELECT LEVER SHAFT ASSY

(a) Install the shift lever shaft.

(b) Install the shift & select lever, 4 spring seats and 2 springs.



(c) Using a pin punch and a hammer, install the slotted spring pin.



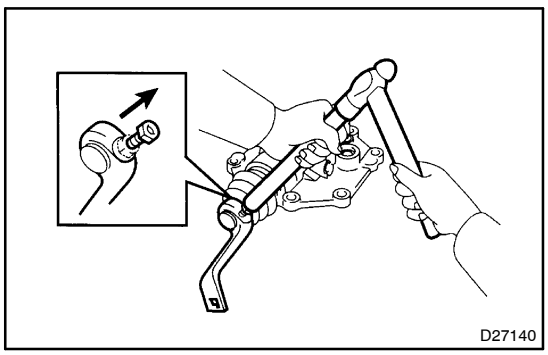
(d) Install the ball and spring.

(e) Using a torx wrench (T40), install the plug.

Torque: 19 N·m (190 kgf·cm, 14 ft·lbf)

10. INSTALL SHIFT OUTER LEVER NO.1

(a) Install the shift outer lever and boot to the shift lever shaft.



(b) Using a brass bar and hammer, install the lever lock pin.

(c) Install the washer and nut.

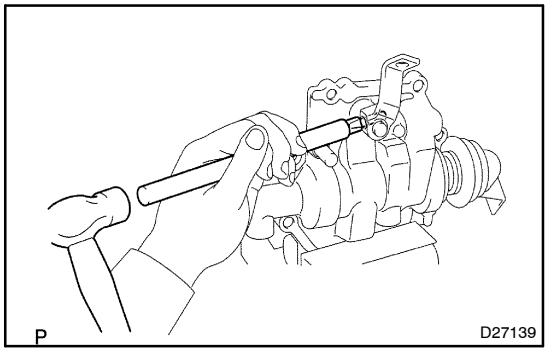
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

11. INSTALL SELECT LEVER SHAFT

(a) Install the select lever shaft to the shift lever housing.

12. INSTALL SELECT OUTER LEVER

(a) Install the washer and select outer lever to the select lever shaft.



(b) Using a brass bar and a hammer, install the lever lock pin.
(c) Install the washer and nut.
Torque: 7.8 N·m (80 kgf·cm, 69 in.·lbf)