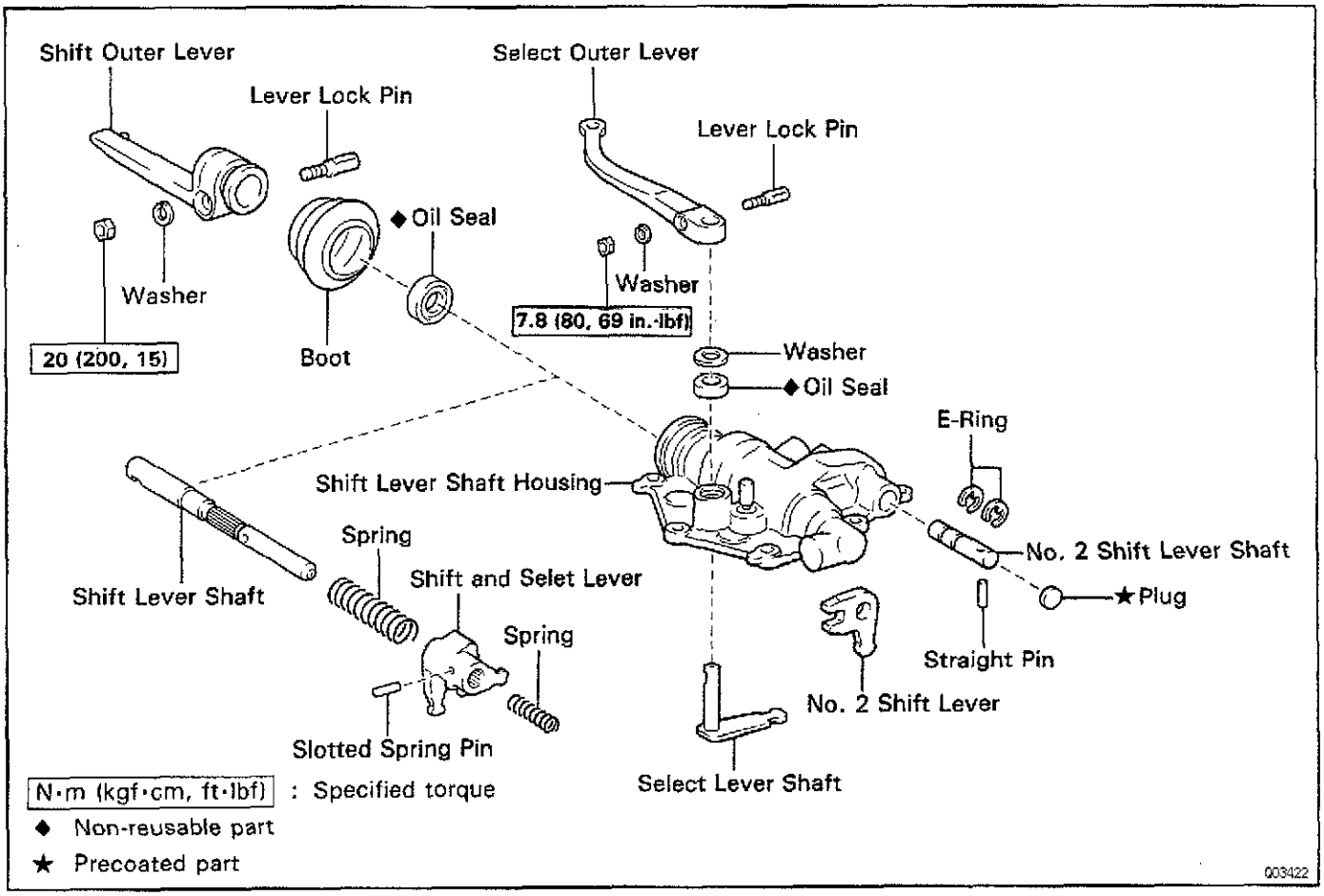
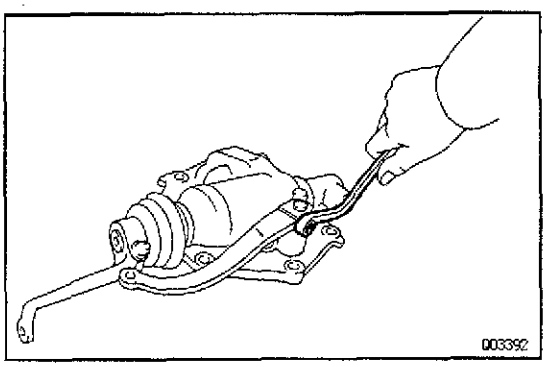
SHIFT LEVER SHAFT HOUSING

COMPONENTS

MT05U-01



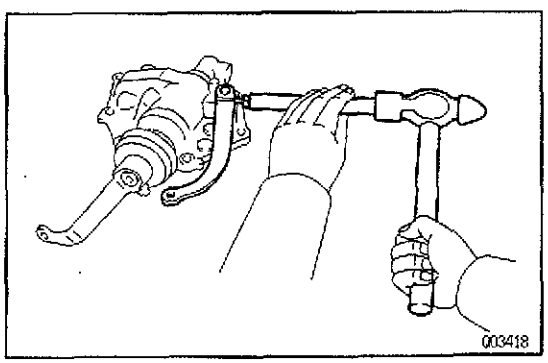


MT05V-01

SHIFT LEVER SHAFT HOUSING DISASSEMBLY

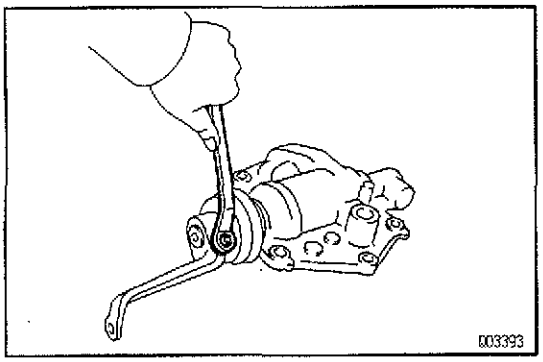
1. **REMOVE SELECT OUTER LEVER AND LEVER SHAFT**

(a) Remove the nut and washer.



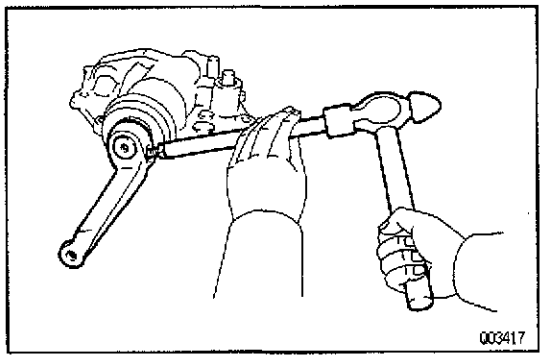
(b) Using a brass bar and hammer, drive out the lever lock pin.

(c) Remove the select outer lever, plate washer and lever shaft from the shift lever housing.



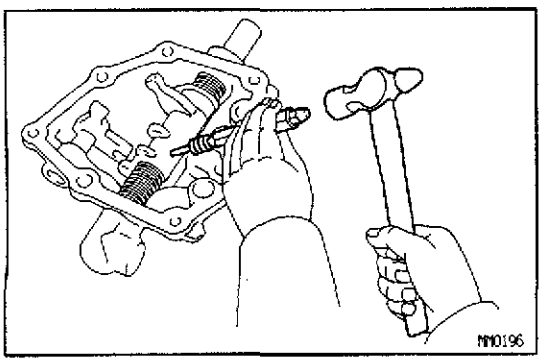
2. REMOVE SHIFT OUTER LEVER AND BOOT

(a) Remove the nut and washer.



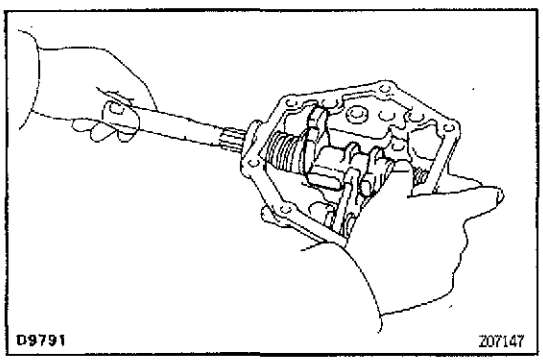
(b) Using a brass bar and hammer, drive out the lever lock pin.

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



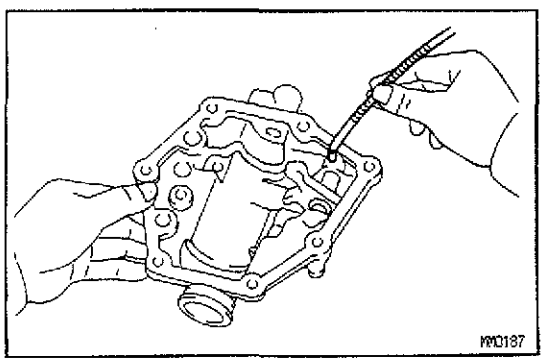
3. REMOVE SHIFT AND SELECT LEVER AND SHAFT

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



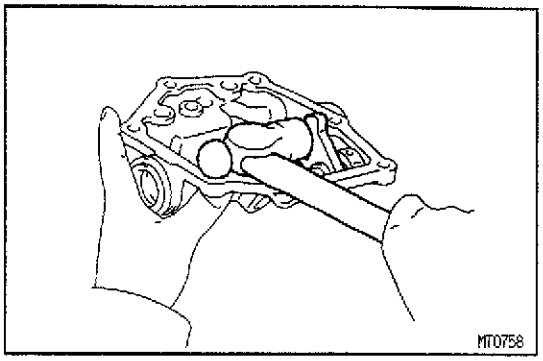
(b) Remove the shift lever shaft.

(c) Remove the shift and select lever and 2 compression springs.

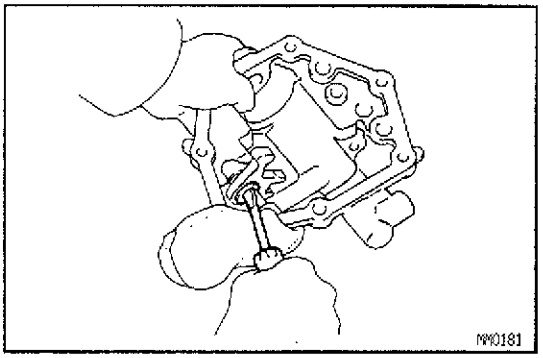


4. REMOVE NO.2 SHIFT LEVER AND SHAFT

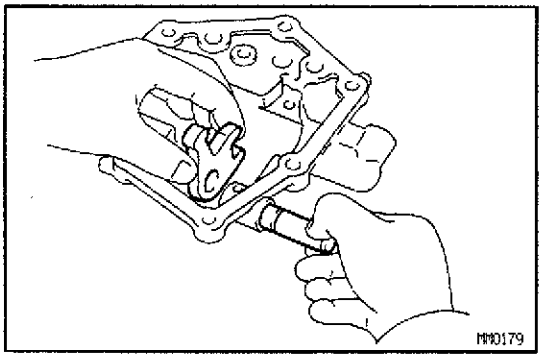
(a) Using a magnetic finger, remove the straight pin.



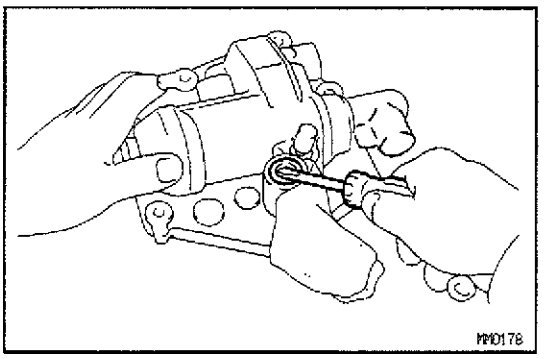
(b) Using a plastic hammer, tap the No.2 shift lever and remove the tight plug.



(c) Remove the 2 E–rings.



(d) Remove the No.2 shift lever and shaft.

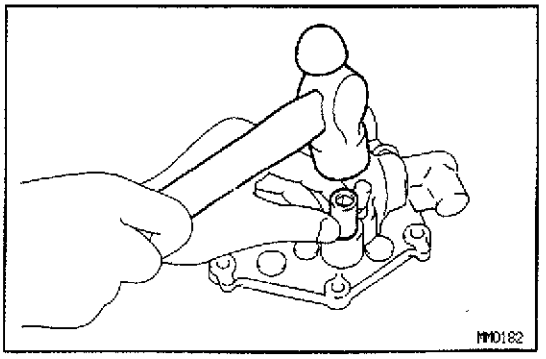


MT05W–01

SHIFT LEVER SHAFT HOUSING INSPECTION

1. REPLACE SELECT OUTER LEVER OIL SEAL

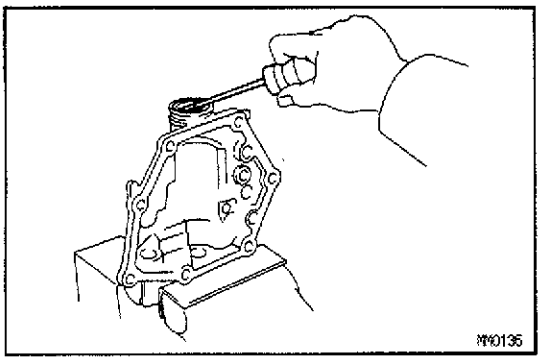
(a) Using a screwdriver, pry out the oil seal.



(b) Using a socket wrench and hammer, drive in a new oil seal.

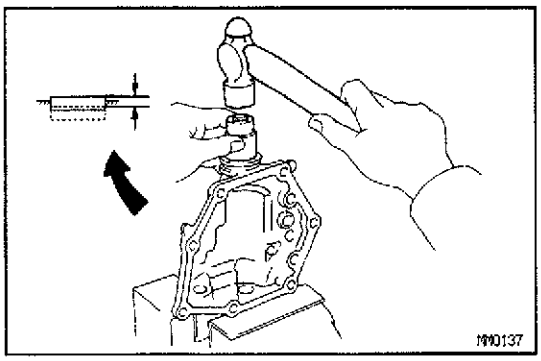
Dive in depth:

0–1.0 mm (0–0.039 in.)



2. REPLACE SHIFT OUTER LEVER OIL SEAL

(a) Using a screwdriver, pry out the oil seal.



(b) Using a socket wrench and hammer, drive in a new oil seal.

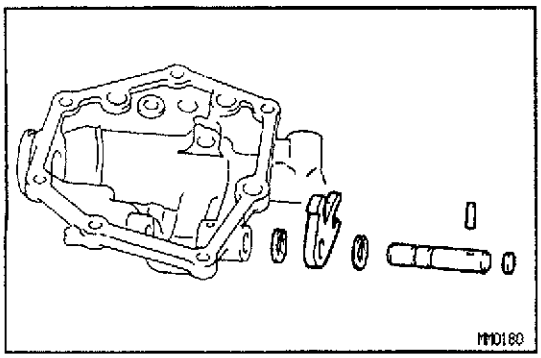
Drive in depth:

–0.2–0.6 mm (–0.008–0.024 in.)

MT05X–01

SHIFT LEVER SHAFT HOUSING ASSEMBLY

(See page MT–60)



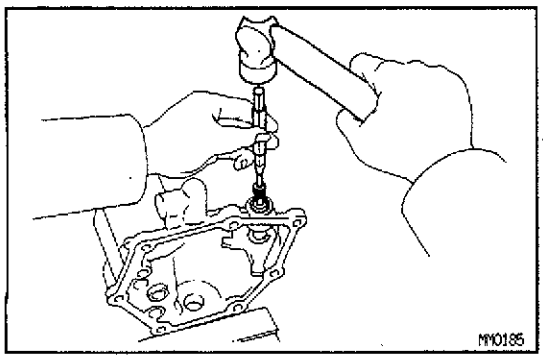
1. INSTALL NO.2 SHIFT LEVER AND SHAFT

(a) Install the No.2 shift lever and shaft.

(b) Apply MP grease to the straight pin.

(c) Align the pin hole of the shaft and housing, and install the straight pin.

(d) Install the 2 E–rings.



(e) Apply seal packing to the tight plug.

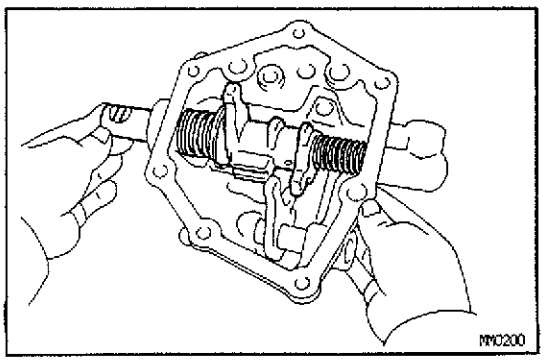
Seal packing:

Part No. 08833 – 00070, THREE BOND 1324 or equivalent

(f) Install the tight plug to the housing.

Drive in depth:

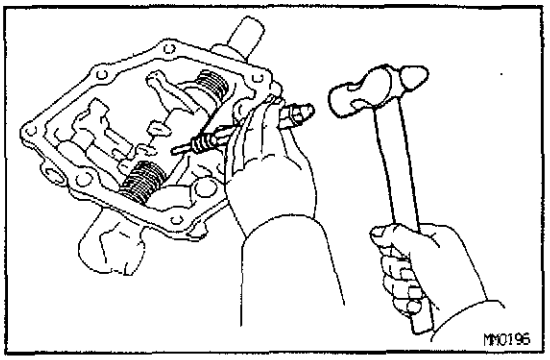
1.7–2.5 mm (0.067–0.098 in.)



2. INSTALL SHIFT AND SELECT LEVER AND SHAFT

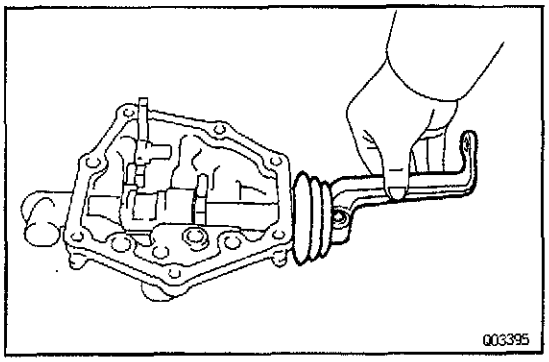
(a) Install the shift and select lever, 2 compression springs and seat.

(b) Install the shift lever shaft.



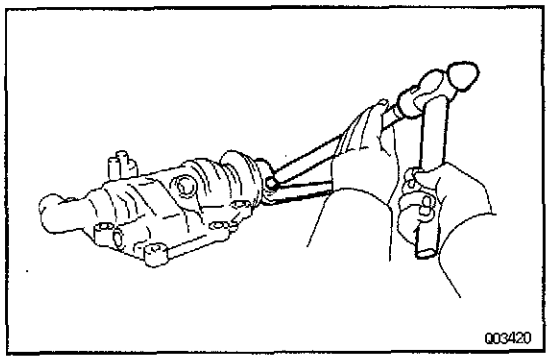
(c) Using a pin punch and hammer, drive in the slotted spring pin.

MT

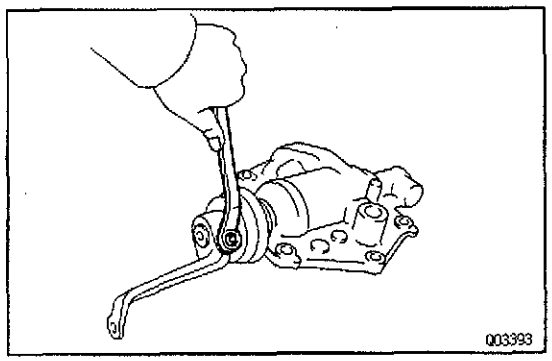


3. INSTALL SHIFT OUTER LEVER AND BOOT

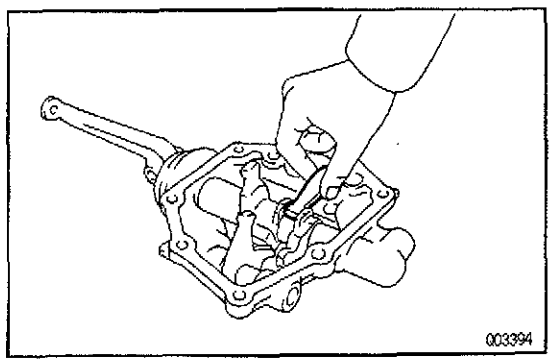
(a) Install the shift outer lever and boot to the housing.



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

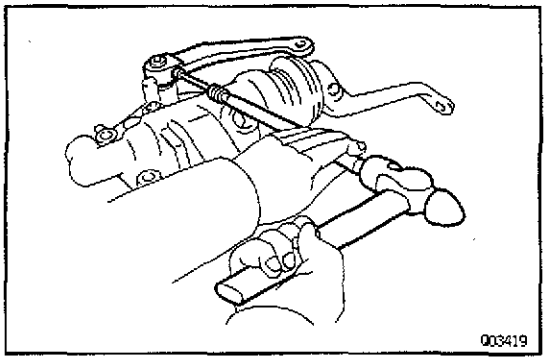


(c) Install the washer and nut. Torque the nut.
Torque: 20 N·m (200 kgf·cm, 15 ft·lbf)

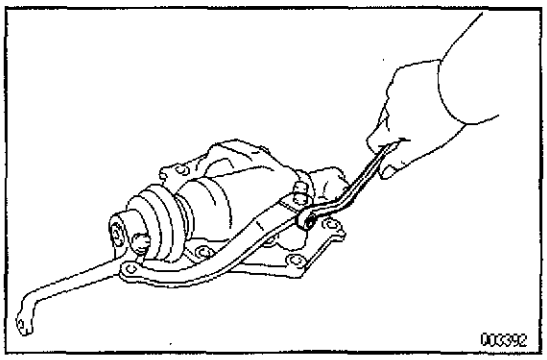


4. INSTALL SELECT OUTER LEVER AND LEVER SHAFT

(a) Install the select lever shaft.
HINT: Align the tip of select lever shaft and shift and select lever slots.



(b) Install the plate washer and select outer lever.
(c) Using a pin punch and hammer, drive in the lever lock pin.



(d) Install the washer and nut. Torque the nut.
Torque: 7.8 N·m (80 kgf·cm, 69 in.·lbf)