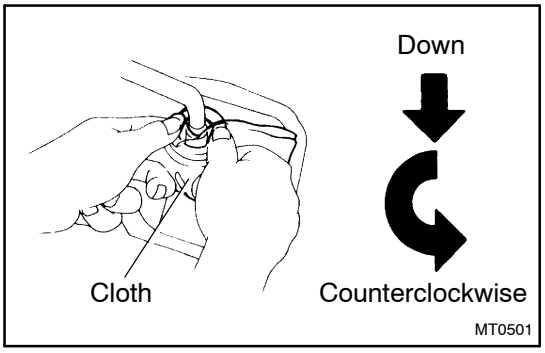
MT0GJ–01



REMOVAL

1. REMOVE TRANSMISSION SHIFT LEVER KNOB

2. w/o One Touch 2–4 Selector System:
REMOVE TRANSFER SHIFT LEVER KNOB

3. w/One Touch 2–4 Selector System:
DISCONNECT TRANSFER SHIFT LEVER KNOB

Remove the screw and disconnect the transfer shift lever knob.

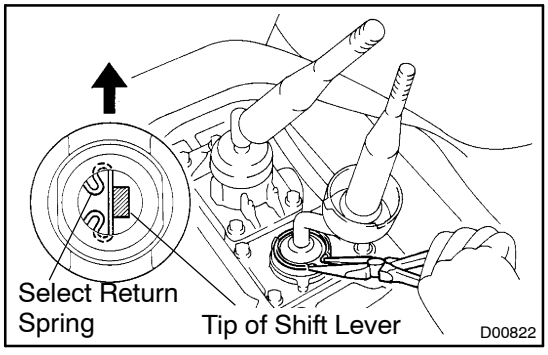
4. w/One Touch 2–4 Selector System:
REMOVE TRANSFER SHIFT LEVER KNOB

Disconnect the connector and remove the transfer shift lever knob.

5. REMOVE TRANSMISSION SHIFT LEVER

(a) Remove the 2 bolts, 2 screws and rear console box.
(b) Remove the 2 screws and front console box.
(c) Remove the 4 bolts, shift lever boot and shift lever boot retainer.
(d) Cover the shift lever cap with a cloth.
(e) Pressing down on the shift lever cap and rotate it counterclockwise to remove.
(f) Pull out the shift lever.

HINT:
At the time of installation, please refer to the following item.
Apply MP grease to the tip of the shift lever.

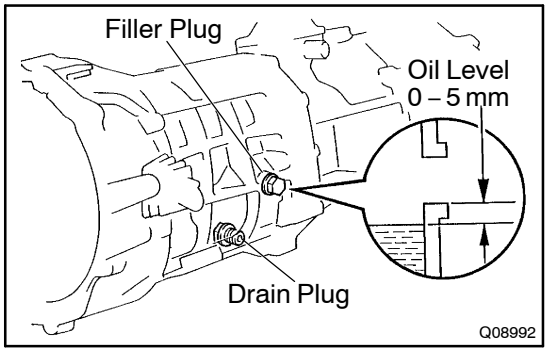


6. REMOVE TRANSFER SHIFT LEVER

Using snap ring pliers, remove the snap ring and pull out the shift lever.

HINT:

- w/o One Touch 2–4 Selector System:
  Shift the transfer shift lever to the ”H4” position.
- w/One Touch 2–4 Selector System:
  Shift the transfer shift lever to the ”H” position and turn the 2–4 selector switch OFF.
- At the time of installation, apply MP grease to the tip of the shift lever.



7. RAISE VEHICLE AND DRAIN TRANSMISSION OIL
Oil grade: API GL–4 or GL–5
Viscosity: SAE 75W–90
Capacity: 2.2 liters (2.3 US qts, 1.9 Imp. qts)
Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

8. REMOVE ENGINE UNDER COVER
Remove the 4 bolts and engine under cover.
Torque: 29 N·m (300 kgf·cm, 22 ft·lbf)

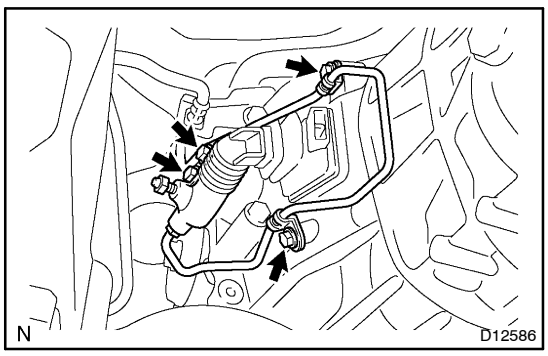
9. REMOVE TRANSFER PROTECTOR
Remove the 2 bolts and transfer protector.
Torque: 29 N·m (300 kgf·cm, 22 ft·lbf)

10. REMOVE PROPELLER SHAFT NO.2 DUST COVER
Remove the 2 bolts, 2 nuts and No.2 dust cover.
Torque:
Bolt: 17 N·m (175 kgf·cm, 13 ft·lbf)
Nut: 13 N·m (135 kgf·cm, 10 ft·lbf)

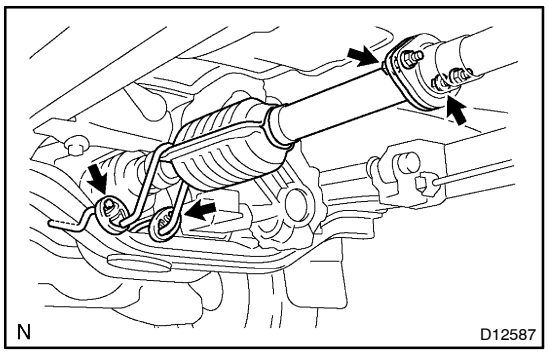
11. REMOVE PROPELLER SHAFT DUST COVER
Remove the bolt, 2 transfer mounting bolts and dust cover.
Torque:
Bolt: 23 N·m (230 kgf·cm, 17 ft·lbf)
Transfer mounting bolt: 38 N·m (390 kgf·cm, 28 ft·lbf)

12. REMOVE FRONT AND REAR PROPELLER SHAFTS

13. DISCONNECT TRANSFER INDICATOR SWITCH, VEHICLE SPEED SENSOR AND BACK–UP LIGHT SWITCH CONNECTORS

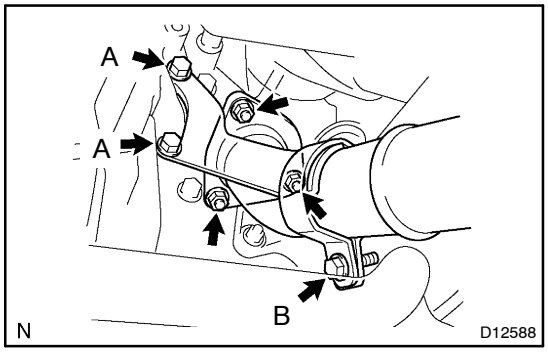


14. DISCONNECT CLUTCH RELEASE CYLINDER AND LINE
Remove the 4 bolts and clutch release cylinder and line.
Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)



15. REMOVE FRONT EXHAUST PIPE
(a) Disconnect the 2 rings.
(b) Remove the 2 bolts, 2 nuts and gasket.
Torque: 48 N·m (490 kgf·cm, 35 ft·lbf)

HINT:
At the time of installation, please refer to the following item.
Replace the used gasket wise new ones.

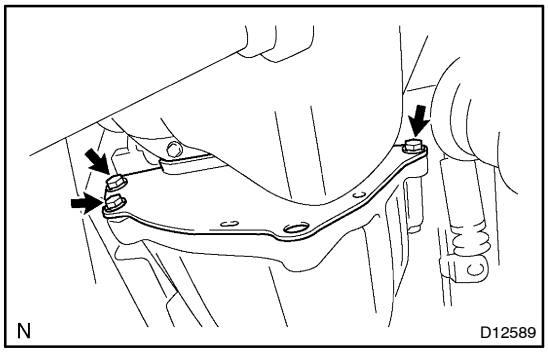


(c) Disconnect the oxygen sensor connector.
(d) Remove the 3 bolts and front exhaust pipe bracket.
Torque:
BOLT A: 71 N·m (720 kgf·cm, 54 ft·lbf)
BOLT B: 19 N·m (200 kgf·cm, 14 ft·lbf)
(e) Remove the 3 nuts, front exhaust pipe and gasket.
Torque: 62 N·m (630 kgf·cm, 46 ft·lbf)

HINT:
At the time of installation, please refer to the following item.
Replace the used gasket with new one.

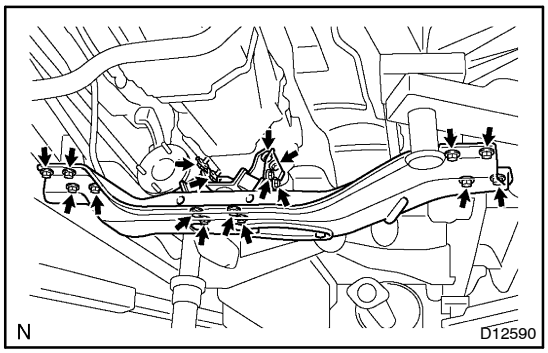
16. REMOVE REAR END PLATE

Remove the 3 bolts and rear end plate.
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)



17. DISCONNECT STABILIZER BAR BRACKETS

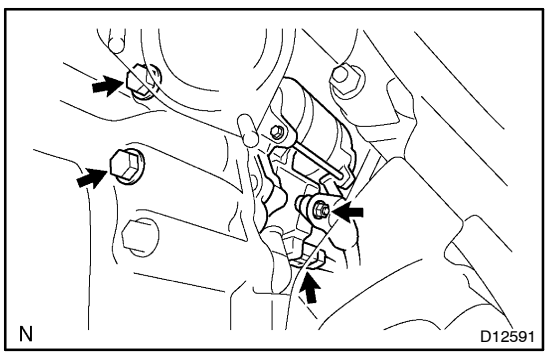
Remove the 4 bolts and disconnect the right and left stabilizer bar brackets.
Torque: 29 N·m (300 kgf·cm, 22 ft·lbf)



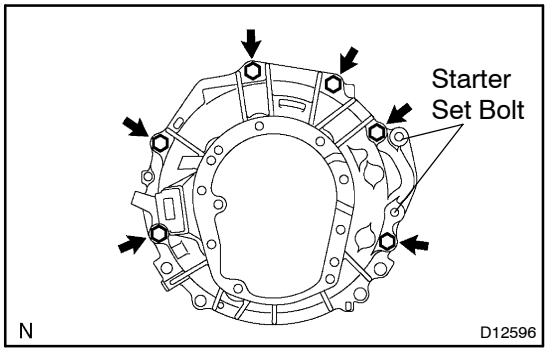
18. REMOVE CROSSMEMBER
(a) Support the rear side of the transmission.
(b) Remove the 4 set bolts of the engine rear mounting.
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)
(c) Remove the 8 bolts and crossmember.
Torque: 58 N·m (590 kgf·cm, 42 ft·lbf)

19. REMOVE ENGINE REAR MOUNTING
(a) Remove the 2 bolts and heat insulator.
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)
(b) Remove the 4 bolts and engine rear mounting from the transmission.
Torque: 40 N·m (410 kgf·cm, 29 ft·lbf)

20. JACK UP TRANSMISSION SLIGHTLY
(a) Using a transmission jack, support the transmission.
(b) Remove the support stand from transmission rear side.



21. REMOVE STARTER
(a) Disconnect the starter connector from the starter.
(b) Remove the nut and disconnect the wire from the starter.
Torque: 9.8 N·m (100 kgf·cm, 7 ft·lbf)
(c) Remove the 2 bolts and starter.
Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)



22. REMOVE TRANSMISSION WITH TRANSFER

(a) Disconnect the wire harness from the transmission.

(b) Remove the 6 transmission mounting bolts from the engine.

Torque: 71 N·m (720 kgf·cm, 52 ft·lbf)

(c) Pull out the transmission with the transfer down and toward the rear.