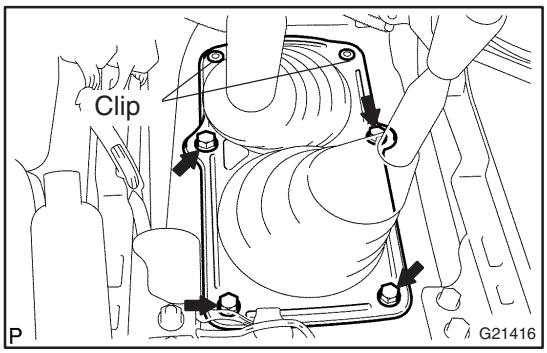
410K0–01

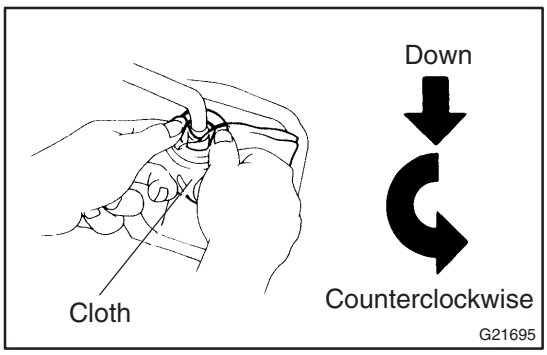
REPLACEMENT

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
2. REMOVE CONSOLE UPPER PANEL GARNISH NO.2 (SEE PUB. No. RM990E, PAGE 71–13)
3. REMOVE CONSOLE UPPER PANEL GARNISH NO.1 (SEE PUB. No. RM990E, PAGE 71–13)
4. REMOVE CONSOLE PANEL UPPER ASSY (SEE PUB. No. RM990E, PAGE 71–13)



5. REMOVE SHIFT LEVER BOOT ASSY

(a) Remove the 4 screws, 2 clips and shift lever boot assy.

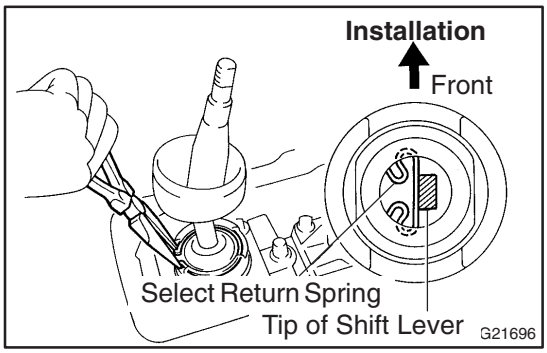


6. REMOVE FLOOR SHIFT SHIFT LEVER ASSY

(a) Cover the shift lever cap with a cloth.

(b) Pressing down on the shift lever cap and rotate it counterclockwise to remove.

(c) Pull out the shift lever.

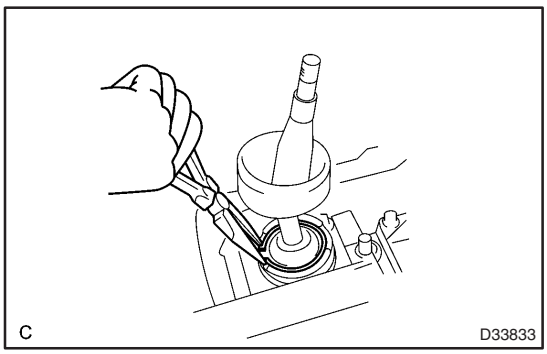


7. REMOVE TRANSFER HIGH & LOW SHIFT LEVER ASSY (W/O ACTUATOR MOTOR)

(a) Using needle nose pliers, remove the snap ring and pull out the shift lever.

HINT:

Move the transfer shift lever to the ”H4” position.



8. REMOVE TRANSFER HIGH & LOW SHIFT LEVER ASSY (W/ ACTUATOR MOTOR)

(a) Using needle nose pliers, remove the snap ring and pull out the shift lever.

9. REMOVE ENGINE UNDER COVER ASSY REAR

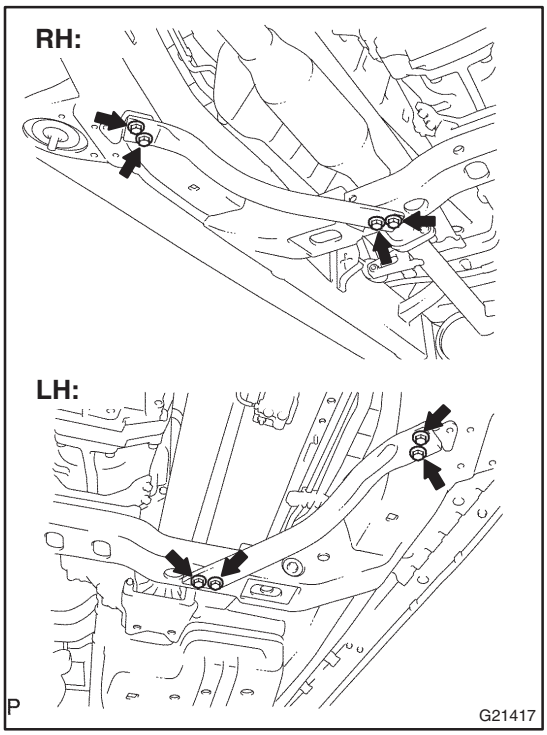
10. DRAIN MANUAL TRANSMISSION OIL

(a) Remove the filler plug and gasket.

(b) Remove the drain plug and gasket, and drain the oil.

(c) Install the drain plug with a new gasket.

Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)



11. REMOVE FRONT SUSPENSION MEMBER BRACKET LH

(a) Remove the 4 bolts and front suspension member bracket LH.

12. REMOVE FRONT SUSPENSION MEMBER BRACKET

HINT:

Remove the RH side using the same procedures as the LH side.

13. REMOVE PROPELLER SHAFT ASSY (SHORT BODY TYPE) (SEE PUB. No. RM990E, PAGE 30–12)

14. REMOVE PROPELLER SHAFT ASSY (LONG BODY TYPE) (SEE PAGE 30–2)

15. REMOVE PROPELLER SHAFT ASSY FRONT (SEE PUB. No. RM990E, PAGE 30–4)

16. REMOVE EXHAUST PIPE ASSY FRONT (SEE PAGE 15–3)

17. SEPARATE WIRE HARNESS

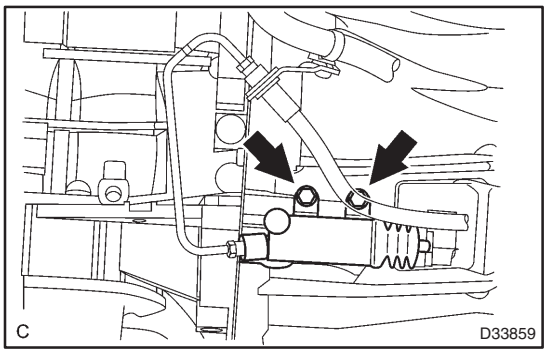
(a) Transmission side:
Disconnect the back up lamp switch connector.

(b) Transfer side:

(1) w/o Transfer shift actuator:
Disconnect the transfer indicator switches No.2, No.3 and speedometer sensor connectors.

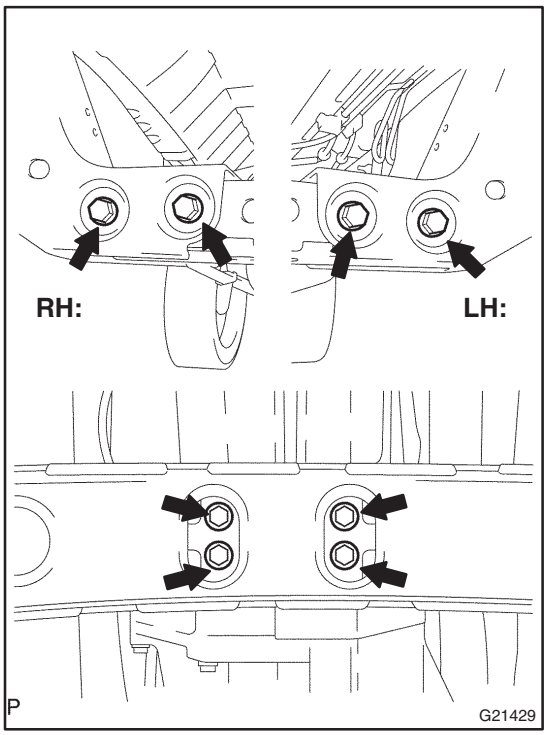
(2) w/ Transfer shift actuator:
Disconnect the transfer indicator switch No.2, speedometer sensor and transfer shift actuator connectors.

(c) Separate the wire harness from the brackets.



18. SEPARATE CLUTCH RELEASE CYLINDER ASSY

(a) Remove the 2 bolts and separate the clutch release cylinder assy.

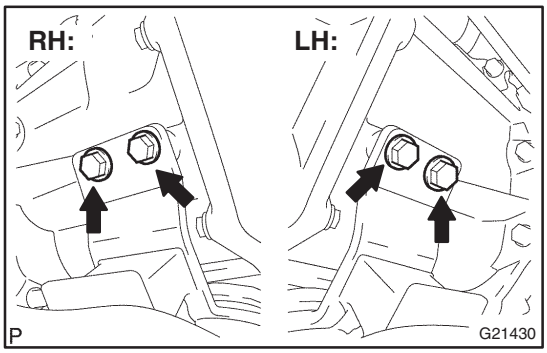


19. REMOVE FRAME CROSSMEMBER SUB–ASSY NO.3

(a) Support the rear side of the transmission with a support stand.

(b) Remove the 4 set bolts of the engine rear mounting.

(c) Remove the 4 bolts, nuts and frame crossmember sub–assy No.3.



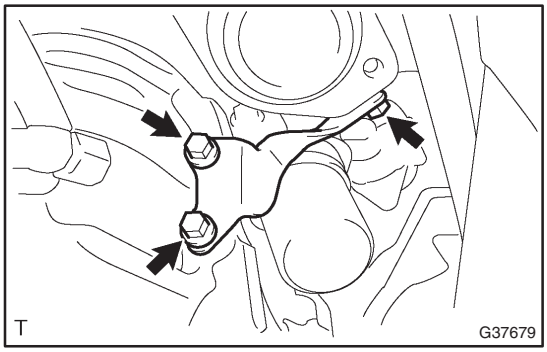
20. REMOVE ENGINE MOUNTING INSULATOR REAR NO.1

(a) Remove the 4 bolts and engine mounting insulator rear No.1.

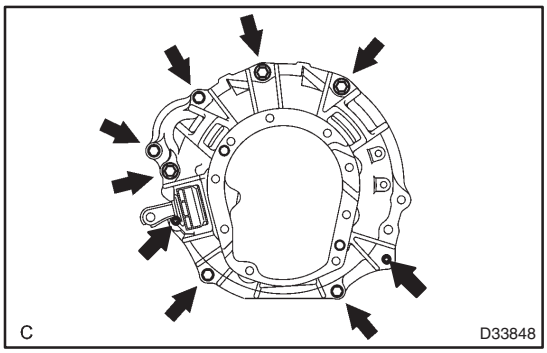
21. REMOVE MANUAL TRANSMISSION UNIT ASSY

(a) Using a transmission jack, support the transmission unit assy.

(b) Remove the support stand from the rear side.



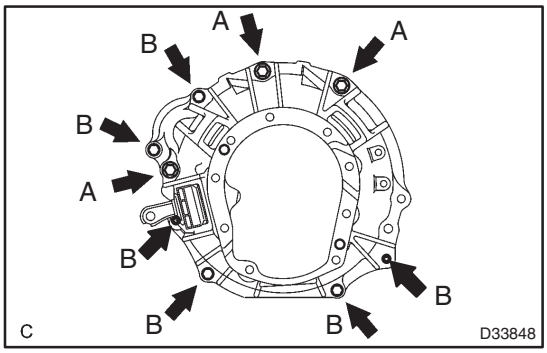
(c) Remove the 3 bolts and exhaust manifold stay.



(d) Remove the 9 bolts and manual transmission unit assy.

22. REMOVE TRANSFER ASSY (SEE PAGE 31–23)

23. INSTALL TRANSFER ASSY (SEE PAGE 31–23)

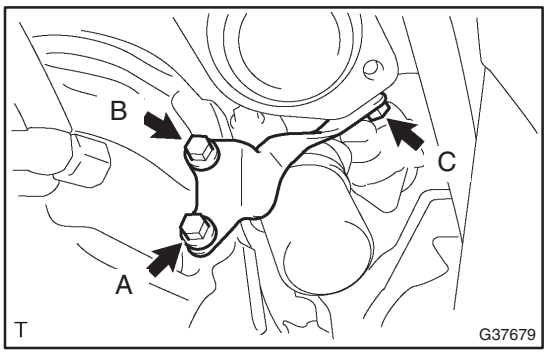


24. INSTALL MANUAL TRANSMISSION UNIT ASSY

(a) Align the input shaft with the clutch disc and install the transmission unit to the engine.

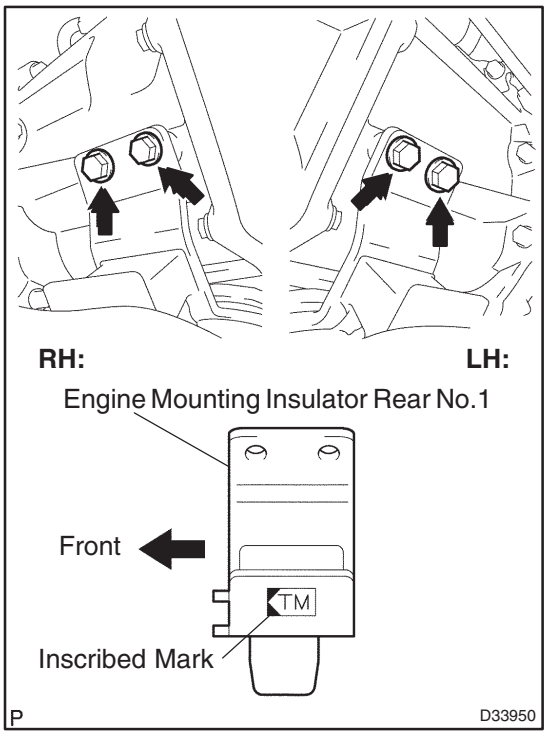
(b) Install the 9 bolts.

Torque:
A: 72 N·m (730 kgf·cm, 53 ft·lbf)
B: 37 N·m (380 kgf·cm, 28 ft·lbf)



(c) Install the exhaust manifold stay with the 3 bolts.

Torque:
A: 72 N·m (730 kgf·cm, 53 ft·lbf)
B: 44 N·m (449 kgf·cm, 32 ft·lbf)
C: 30 N·m (306 kgf·cm, 22 ft·lbf)



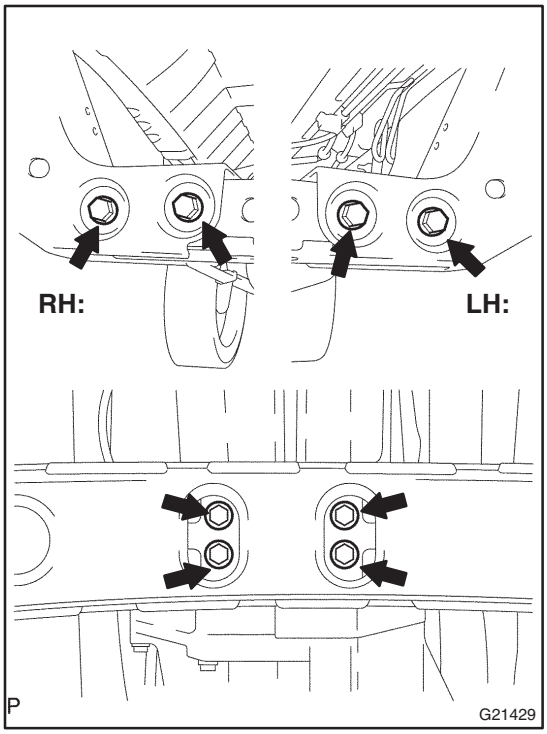
25. INSTALL ENGINE MOUNTING INSULATOR REAR NO.1

(a) Install the engine mounting insulator rear No.1 with the 4 bolts.

Torque: 65 N·m (663 kgf·cm, 48 ft·lbf)

HINT:

Install the engine mounting insulator rear No.1 with the inscribed mark facing the left side of the vehicle.



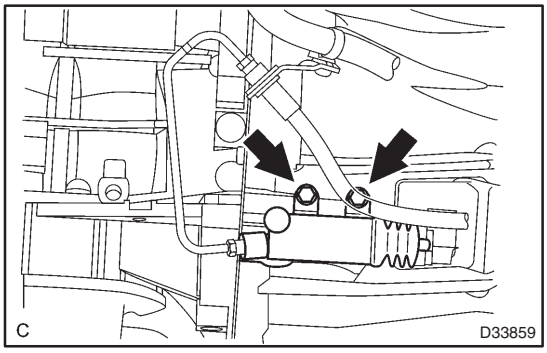
26. INSTALL FRAME CROSSMEMBER SUB–ASSY NO.3

(a) Install the frame crossmember sub–assy No.3 with the 8 bolts and 4 nuts.

Torque: 72 N·m (735 kgf·cm, 53 ft·lbf)

(b) Install the 4 set bolts to the engine mounting insulator rear No.1.

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



27. INSTALL CLUTCH RELEASE CYLINDER ASSY

(a) Install the clutch release cylinder assy with the 2 bolts.

Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)

28. INSTALL WIRE HARNESS

(a) Transmission side:
Connect the back up lamp switch connector.

(b) Transfer side:

(1) w/o Transfer shift actuator:
Connect the transfer indicator switches No.2, No.3 and speedometer sensor connectors.

(2) w/ Transfer shift actuator:
Connect the transfer indicator switch No.2, speedometer sensor and transfer shift actuator connectors.

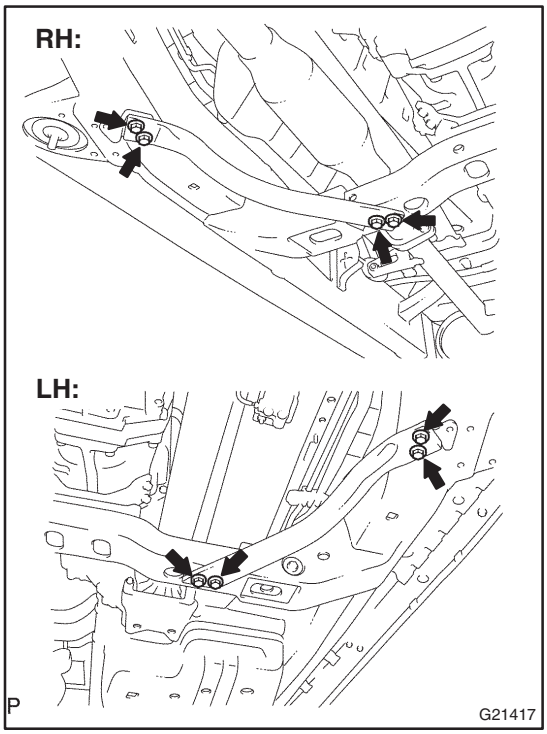
(c) Install the wire harness to the brackets.

29. INSTALL EXHAUST PIPE ASSY FRONT (SEE PAGE 15–3)

30. REMOVE PROPELLER SHAFT ASSY (LONG BODY TYPE) (SEE PAGE 30–2)

31. REMOVE PROPELLER SHAFT ASSY (SHORT BODY TYPE) (SEE PUB. No. RM990E, PAGE 30–18)

32. INSTALL PROPELLER SHAFT ASSY FRONT (SEE PUB. No. RM990E, PAGE 30–9)



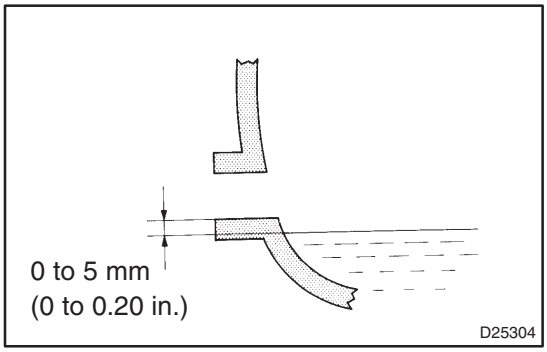
33. INSTALL FRONT SUSPENSION MEMBER BRACKET LH

(a) Install the front suspension member bracket LH with the 4 bolts.
Torque: 33 N·m (337 kgf·cm, 24 ft·lbf)

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34. INSTALL FRONT SUSPENSION MEMBER BRACKET

HINT:
Install the RH side using the same procedures as the LH side.



35. ADD MANUAL TRANSMISSION OIL
Oil grade: 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 (377 kgf·cm, 27 ft·lbf)

36. INSTALL ENGINE UNDER COVER ASSY REAR

Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)

37. INSTALL TRANSFER HIGH & LOW SHIFT LEVER ASSY

(a) Install the transfer shift lever.

(b) Using pliers, install the snap ring.

HINT:

Apply MP grease to the tip of the transfer shift lever.

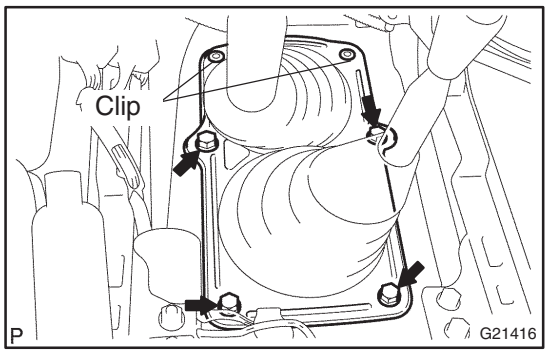
38. INSTALL FLOOR SHIFT SHIFT LEVER ASSY

(a) Cover the shift lever cap with a cloth.

(b) Pressing down on the shift lever cap and rotate it clockwise to install.

HINT:

Apply MP grease to the tip of the shift lever.



39. INSTALL SHIFT LEVER BOOT ASSY

(a) Install the shift lever boot assy with the 4 screws and 2 clips.

40. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL