MANUAL TRANSAXLE ASSY (From July, 2003)

410FR–01

REPLACEMENT

COMPONENTS: Partial engine assy (See pub. No. RM915E, page 14–79)

1. REMOVE ENGINE ASSEMBLY WITH TRANSAXLE
(See Pub. No. RM915E, page 14–87)

2. REMOVE FRONT DRIVE SHAFT ASSY RH (SEE PAGE 30–4)

3. REMOVE FRONT DRIVE SHAFT ASSY LH (SEE PAGE 30–4)

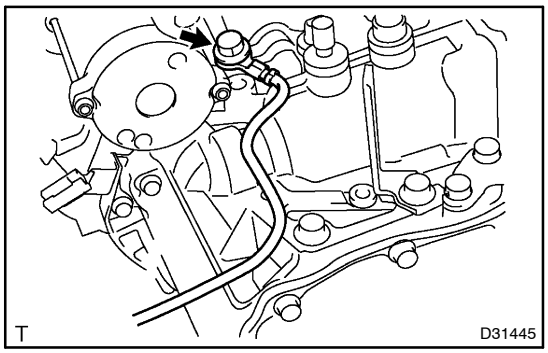
4. REMOVE CLUTCH ACCUMULATOR ASSY (SEE PAGE 42–3)

5. REMOVE CLUTCH RELEASE CYLINDER ASSY (SEE PAGE 42–1)

6. DISCONNECT WIRE HARNESS

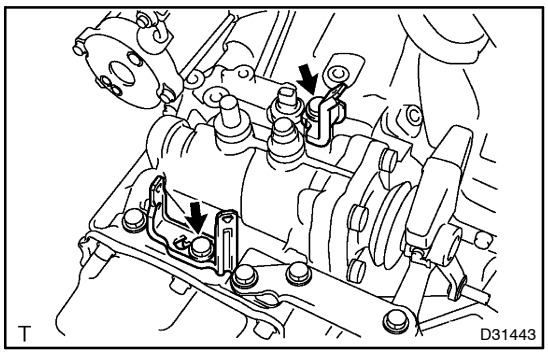
(a) Disconnect the wire harness clamp.

(b) Disconnect the back–up lamp switch connector, speedometer sensor connector and starter connector.



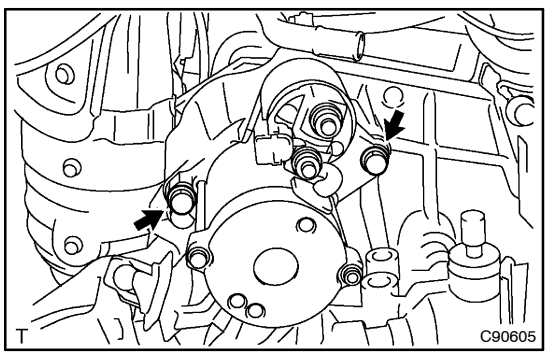
7. REMOVE ENGINE WIRE NO.3

(a) Remove the bolt and disconnect the engine wire No.3.



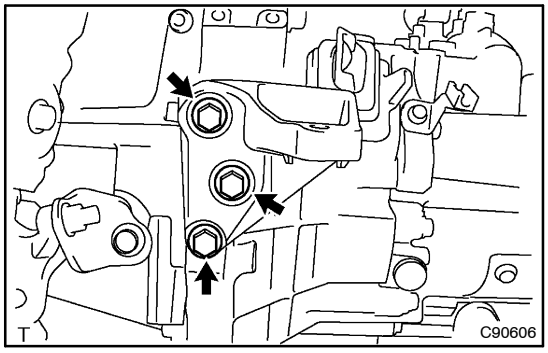
8. REMOVE WIRE HARNESS CLAMP

(a) Remove the 2 bolts and 2 wire harness clamps.



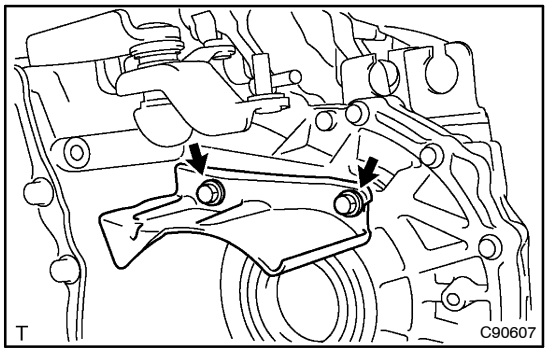
9. REMOVE STARTER ASSY

(a) Remove the 2 bolts and starter assy.



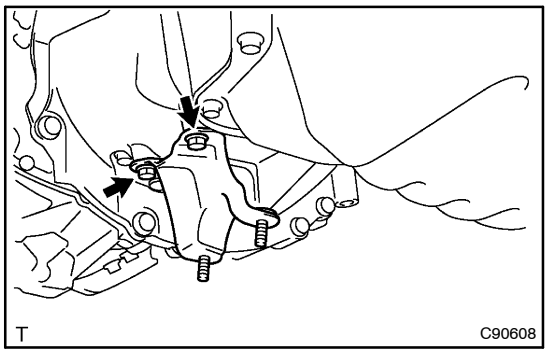
10. REMOVE ENGINE MOUNTING BRACKET FR

(a) Remove the 3 bolts and engine mounting bracket FR.



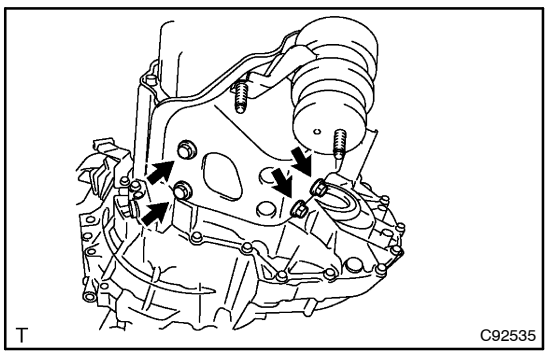
11. REMOVE MANUAL TRANSMISSION CASE PROTECTOR

(a) Remove the 2 bolts and manual transmission case protector.



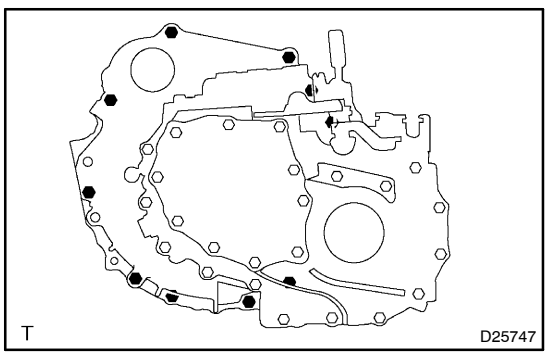
12. REMOVE EXHAUST PIPE SUPPORT BRACKET NO.1

(a) Remove the 2 bolts and exhaust pipe support bracket No.1.



13. REMOVE ENGINE MOUNTING INSULATOR LH

(a) Remove the 4 bolts and engine mounting insulator LH.



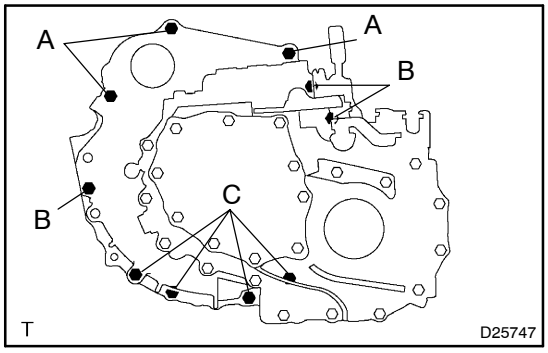
14. REMOVE MANUAL TRANSAXLE ASSY

(a) Remove the 10 bolts.

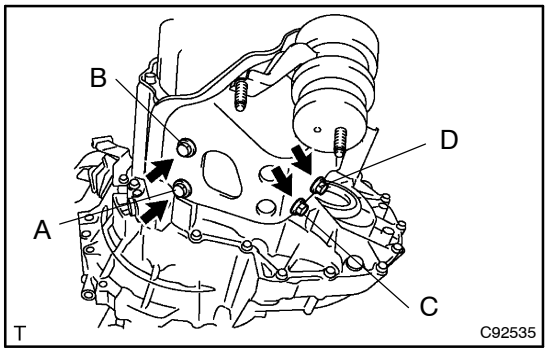
(b) Separate and remove the transaxle from the engine.

15. INSTALL MANUAL TRANSAXLE ASSY

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



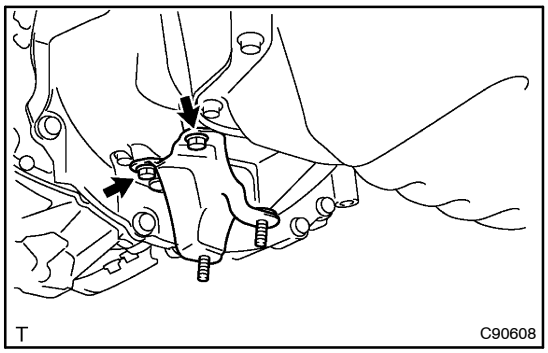
(b) Install the 10 bolts.
Torque:
Bolt A: 64 N·m (653 kgf·cm, 47 ft·lbf)
Bolt B: 46 N·m (470 kgf·cm, 34 ft·lbf)
Bolt C: 44 N·m (449 kgf·cm, 32 ft·lbf)



16. INSTALL ENGINE MOUNTING INSULATOR LH

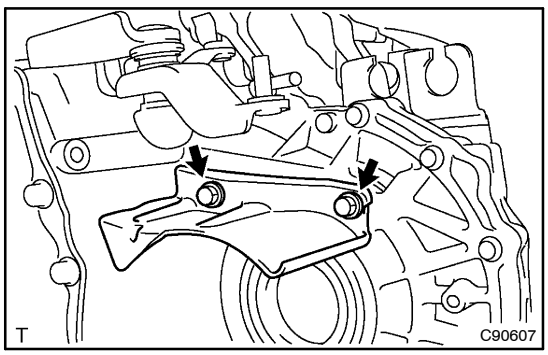
(a) Install the engine mounting insulator LH with the 4 bolts.
Torque: 64 N·m (653 kgf·cm, 47 ft·lbf)

HINT:
Tighten them in order: A, B, C and D.



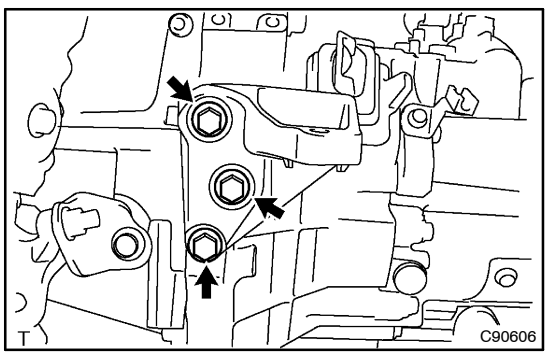
17. INSTALL EXHAUST PIPE SUPPORT BRACKET NO.1

(a) Install the exhaust pipe support bracket No.1 with the 2 bolts.
Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)



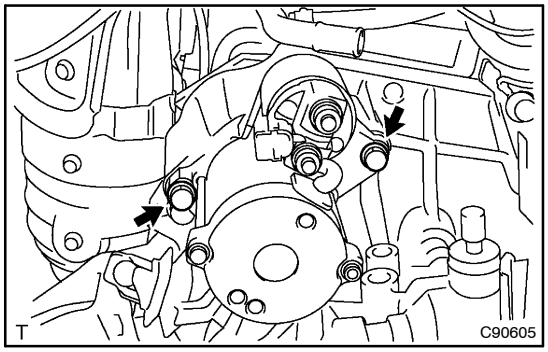
18. INSTALL MANUAL TRANSMISSION CASE PROTECTOR

(a) Install the manual transmission case protector with the 2 bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)



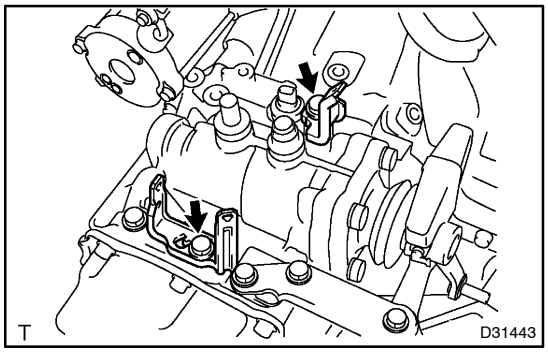
19. INSTALL ENGINE MOUNTING BRACKET FR

(a) Install the engine mounting bracket FR with the 3 bolts.
Torque: 64 N·m (653 kgf·cm, 47 ft·lbf)



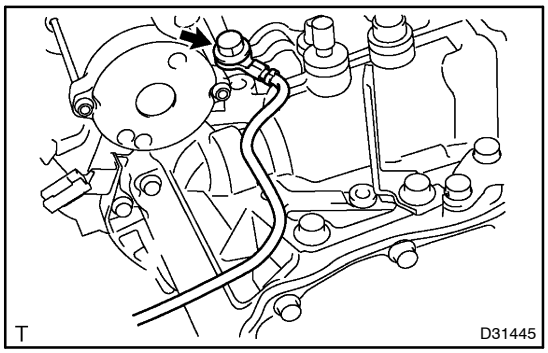
20. INSTALL STARTER ASSY

(a) Install the starter assy with the 2 bolts.
Torque: 39 N·m (398 kgf·cm, 29 ft·lbf)



21. INSTALL WIRE HARNESS CLAMP

(a) Install the 2 wire harness clamps with the 2 bolts.
Torque: 8.4 N·m (86 kgf·cm, 74 in.·lbf)



22. INSTALL ENGINE WIRE NO.3

(a) Connect the engine wire No. 3 with the bolt.
Torque: 9.6 N·m (98 kgf·cm, 85 in.·lbf)

23. CONNECT WIRE HARNESS

(a) Install the wire harness clamp.
(b) Connect the back–up lamp switch connector, speedometer sensor connector and starter connector.

24. INSTALL CLUTCH RELEASE CYLINDER ASSY (SEE PAGE 42–1)
25. INSTALL CLUTCH ACCUMULATOR ASSY (SEE PAGE 42–3)
26. INSTALL FRONT DRIVE SHAFT ASSY LH (SEE PAGE 30–4)
27. INSTALL FRONT DRIVE SHAFT ASSY RH (SEE PAGE 30–4)
28. INSTALL ENGINE ASSEMBLY WITH TRANSAXLE
(See Pub. No. RM915E, page 14–87)