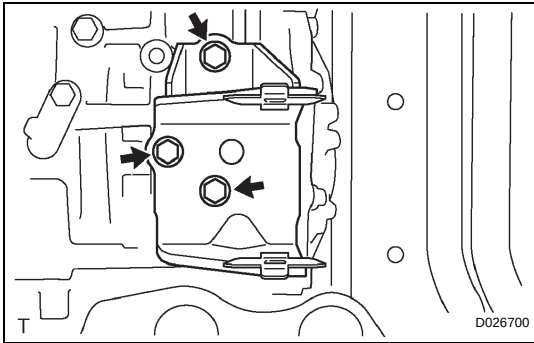
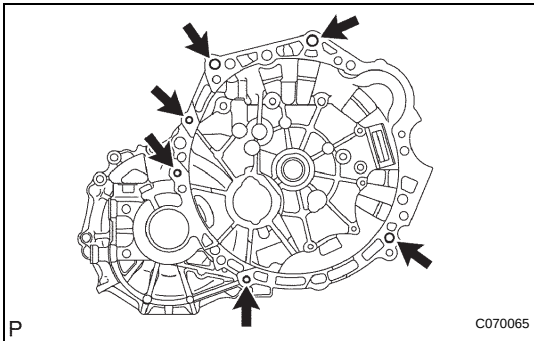




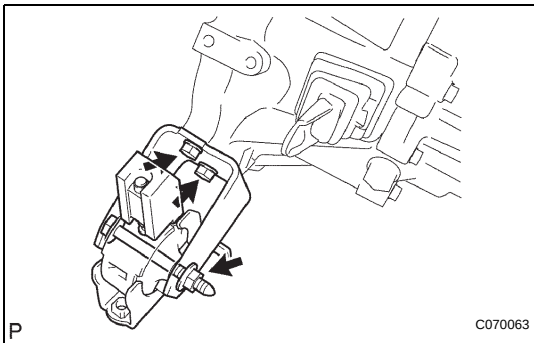
30. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

- (a) Remove the 3 bolts and engine mounting bracket LH from the transaxle.



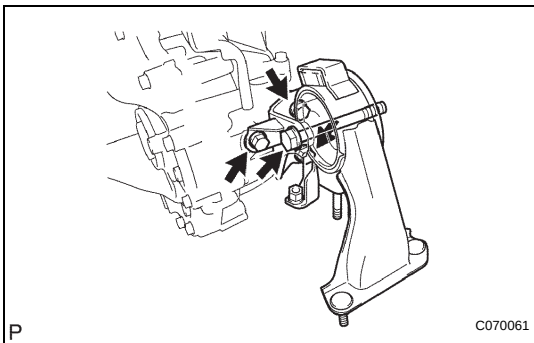
31. REMOVE MANUAL TRANSAXLE ASSEMBLY

- (a) Remove the 6 bolts and transaxle from the engine.



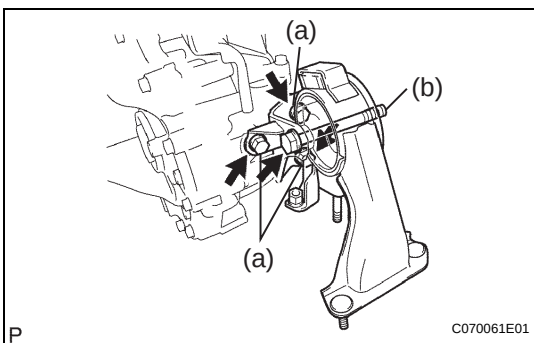
32. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

- (a) Remove the bolt, nut and engine mounting insulator FR from the engine mounting bracket FR.
- (b) Remove the 2 bolts and engine mounting bracket FR from the transaxle.



33. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

- (a) Remove the bolt and engine mounting insulator RR from the engine mounting bracket RR.
- (b) Remove the 3 bolts engine mounting bracket RR from the transaxle.



INSTALLATION

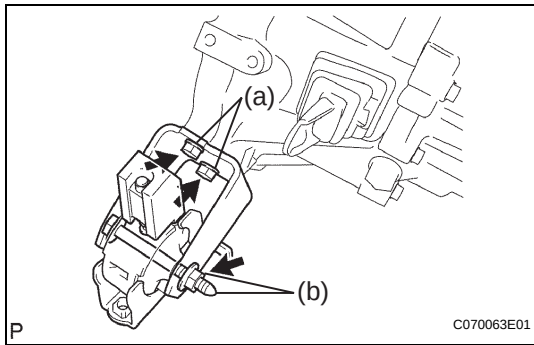
1. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

- (a) Install the engine mounting bracket RR and 3 bolts to the transaxle.

Torque: 64 N*m (653 kgf*cm, 47 ft.*lbf)

- (b) Install the engine mounting insulator RR and bolt to the engine mounting bracket RR.

Torque: 87 N*m (888 kgf*cm, 64 ft.*lbf)



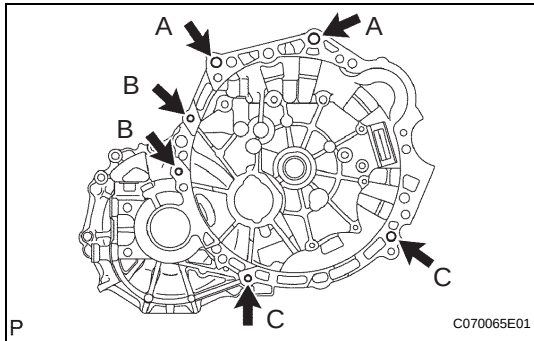
2. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

- (a) Install the engine mounting bracket FR and 2 bolts to the transaxle.

Torque: 64 N*m (653 kgf*cm, 47 ft.*lbf)

- (b) Install the engine mounting insulator FR, bolt and nut to the engine mounting bracket FR.

Torque: 52 N*m (530 kgf*cm, 38 ft.*lbf)



3. INSTALL MANUAL TRANSAXLE ASSEMBLY

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

- (b) Install the 6 bolts.

Torque: Bolt A

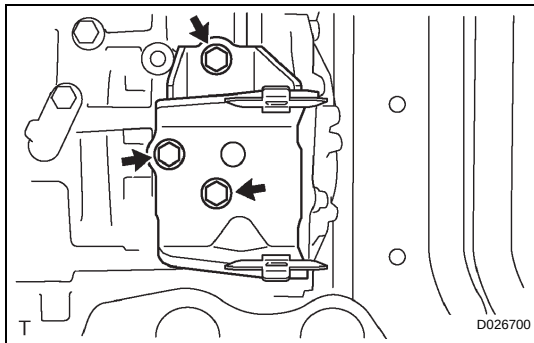
64 N*m (650 kgf*cm, 47 ft.*lbf)

Bolt B

47 N*m (480 kgf*cm, 35 ft.*lbf)

Bolt C

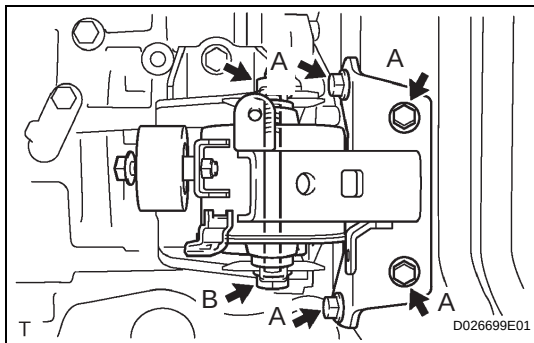
23 N*m (230 kgf*cm, 17 ft.*lbf)



4. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

- (a) Install the engine mounting bracket LH to the transaxle with the 3 bolts.

Torque: 52 N*m (530 kgf*cm, 38 ft.*lbf)



5. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING INSULATOR

- (a) Install the engine mounting insulator LH with the 5 bolts and nut.

Torque: Bolt A

52 N*m (530 kgf*cm, 38 ft.*lbf)

Bolt B

80 N*m (816 kgf*cm, 59 ft.*lbf)

6. INSTALL FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY

SST 09670-00010

7. INSTALL FRONT DRIVE SHAFT ASSEMBLY LH (See page DS-12)

8. INSTALL FRONT DRIVE SHAFT ASSEMBLY RH (See page DS-12)

9. CONNECT RETURN TUBE SUB-ASSEMBLY (See page PS-31)

10. CONNECT PRESSURE FEED TUBE ASSEMBLY (See page PS-31)

11. CONNECT TIE ROD END SUB-ASSEMBLY LH (See page [PS-32](#))
12. CONNECT TIE ROD END SUB-ASSEMBLY RH (See page [PS-32](#))

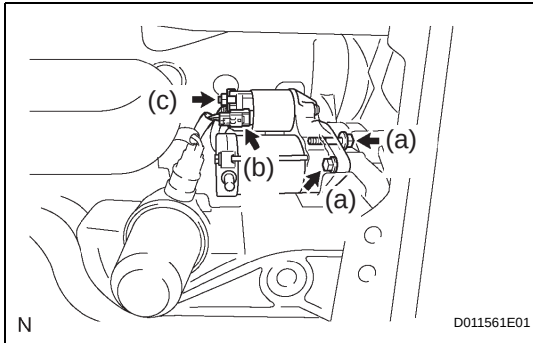
13. INSTALL STARTER ASSEMBLY

- (a) Install the starter assembly and 2 bolts to the transaxle.

Torque: 37 N*m (378 kgf*cm, 27 ft.*lbf)

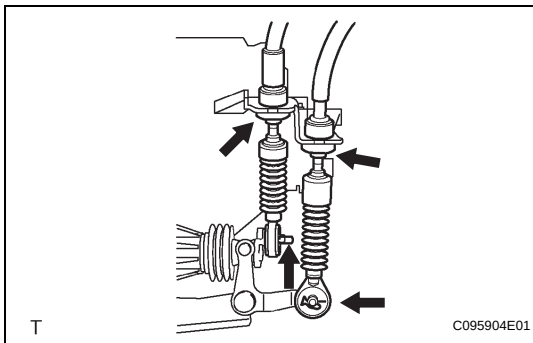
- (b) Connect the starter connector.
- (c) Install the wire and nut to starter assembly.

Torque: 9.8 N*m (100 kgf*cm, 87 ft.*lbf)



14. CONNECT TRANSMISSION CONTROL CABLE ASSEMBLY

- (a) Connect the shift cable with the 2 clip from the bracket.
- (b) Connect the shift cable end of the shift cable with the 2 washer and 2 clip to the transaxle.



15. CONNECT CLUTCH RELEASE CYLINDER ASSEMBLY

- (a) Install the release cylinder with the 5 bolts.

Torque: Bolt A

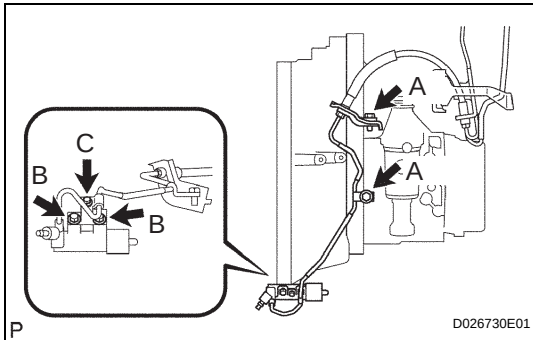
25 N*m (250 kgf*cm, 19 ft.*lbf)

Bolt B

12 N*m (120 kgf*cm, 9 ft.*lbf)

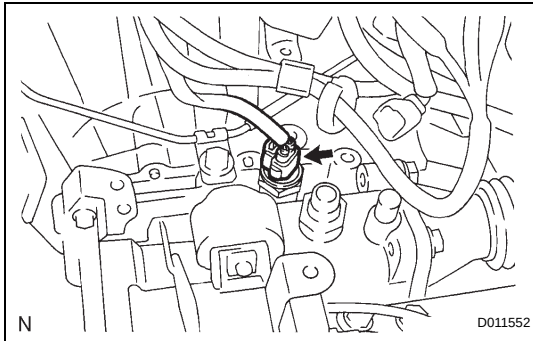
Bolt C

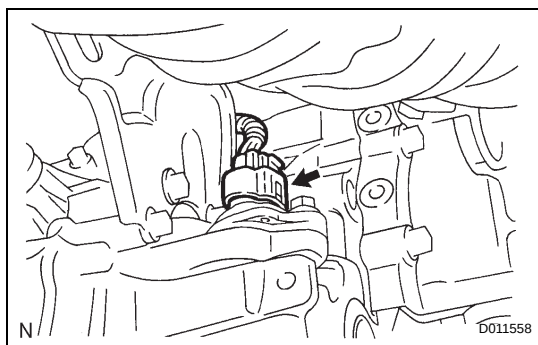
5.0 N*m (51 kgf*cm, 44 in.*lbf)



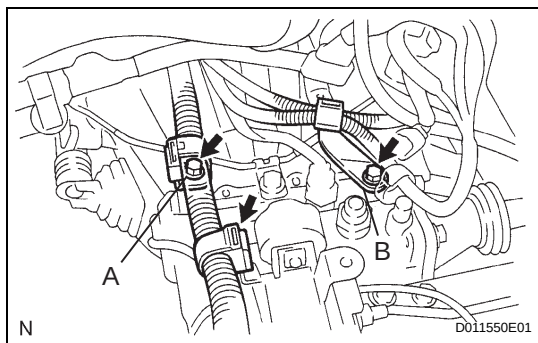
16. CONNECT CONNECTOR

- (a) Connect the back-up light switch connector.





- (b) w/o ABS:
Connect the speed sensor connector.



17. CONNECT WIRE HARNESS

- (a) Install the 2 wire harness clamps to the transaxle with the 2 bolts.

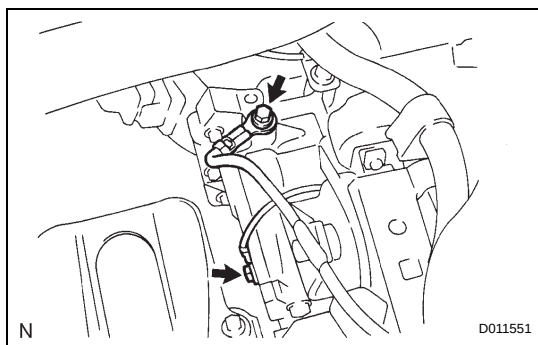
Torque: Bolt A

26 N*m (260 kgf*cm, 19 ft.*lbf)

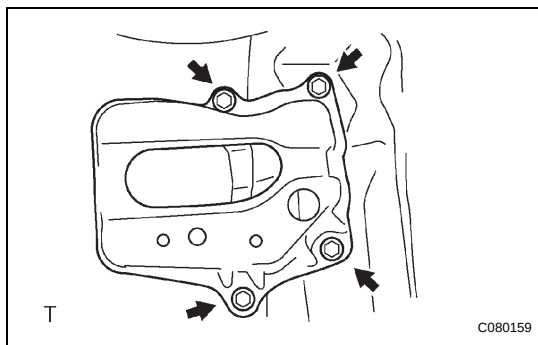
Bolt B

13 N*m (131 kgf*cm, 9 ft.*lbf)

- (1) Connect the wire harness clamp.



- (b) Install the 2 bolts and 2 ground cables.
Torque: 13 N*m (133 kgf*cm, 10 ft.*lbf)



18. INSTALL BATTERY CARRIER

- (a) Install the battery carrier and 4 bolts.
Torque: 13 N*m (133 kgf*cm, 10 ft.*lbf)

19. INSTALL BATTERY TRAY

20. INSTALL BATTERY

21. INSTALL BATTERY CLAMP SUB-ASSEMBLY

Torque: Bolt

5.0 N*m (51 kgf*cm, 44 in.*lbf)

Nut

3.5 N*m (36 kgf*cm, 31 in.*lbf)

22. INSTALL AIR CLEANER ASSEMBLY

Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)

23. INSTALL CYLINDER HEAD COVER NO. 2

Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)

24. INSTALL HOOD SUB-ASSEMBLY

Torque: 13 N*m (133 kgf*cm, 10 ft.*lbf)

25. INSPECT HOOD SUB-ASSEMBLY

26. ADJUST HOOD SUB-ASSEMBLY (See page [ED-2](#))

27. ADD TRANSAXLE OIL (See page [MX-5](#))
28. INSPECT TRANSAXLE OIL (See page [MX-2](#))
29. INSTALL FRONT WHEELS
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)
30. INSTALL STEERING COLUMN HOLE COVER SUB-ASSEMBLY NO. 1
31. CONNECT STEERING INTERMEDIATE SHAFT (See page [PS-30](#))
32. PLACE FRONT WHEELS FACING STRAIGHT AHEAD
33. CENTER SPIRAL CABLE
34. STEERING WHEEL CENTER POINT
35. INSTALL EXHAUST PIPE ASSEMBLY
HINT:
(See page [EX-3](#))
36. INSTALL ENGINE UNDER COVER LH
37. INSTALL ENGINE UNDER COVER RH
38. INSPECT FRONT WHEEL ALIGNMENT
HINT:
(See page [SP-4](#))
39. CHECK ABS SPEED SENSOR SIGNAL
 - (a) Anti-lock Brake System (See page [BC-7](#))
 - (b) Vehicle Stability Control System (See page [BC-83](#))