

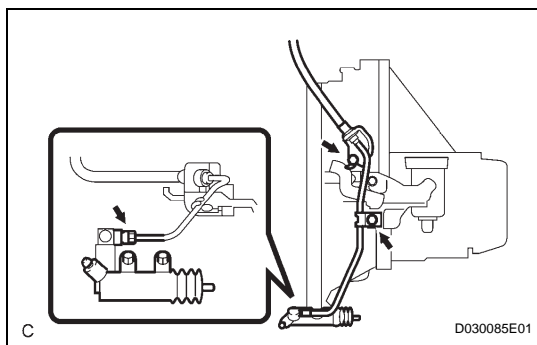
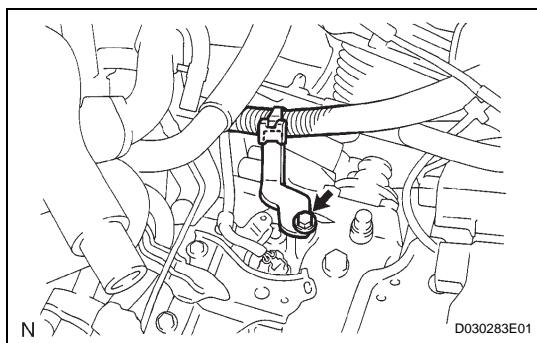
REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

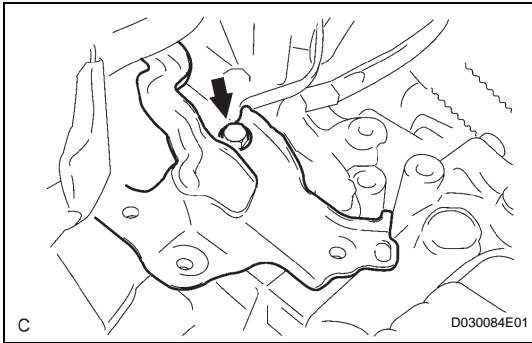
CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

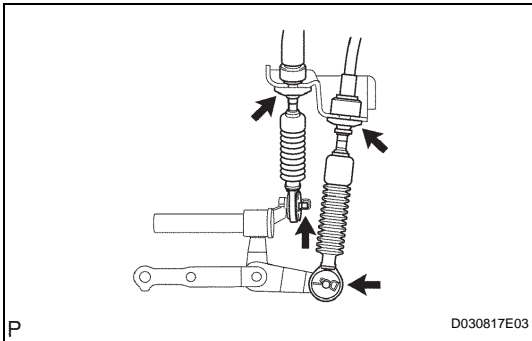
2. **REMOVE FRONT WHEEL**
3. **REMOVE ENGINE UNDER COVER LH**
4. **REMOVE ENGINE UNDER COVER RH**
5. **DRAIN TRANSAXLE OIL**
 - (a) Remove the filler plug and gasket.
 - (b) Remove the drain plug and gasket, and drain the manual transaxle oil.
 - (c) Install a new gasket and the drain plug.
6. **REMOVE ENGINE HOOD SUB-ASSEMBLY**
7. **REMOVE COWL TOP PANEL OUTER** (See page [SP-11](#))
8. **REMOVE NO. 2 CYLINDER HEAD COVER**
9. **REMOVE AIR CLEANER ASSEMBLY**
10. **REMOVE BATTERY**
11. **DISCONNECT WIRE HARNESS**
 - (a) Remove the bolt and disconnect the wire harness clamp.
12. **DISCONNECT CONNECTOR**
 - (a) Disconnect the back-up light switch connector.



13. **DISCONNECT CLUTCH RELEASE CYLINDER TO FLEXIBLE HOSE TUBE**
 - (a) Using SST, disconnect the flexible hose tube from the clutch release cylinder.
SST 09023-00101
HINT:
Use a container to catch the fluid.
 - (b) Remove the 2 bolts and disconnect the flexible hose tube.

**14. REMOVE AIR CLEANER BRACKET**

- (a) Remove the bolt and air cleaner bracket.

**15. DISCONNECT TRANSMISSION CONTROL CABLE ASSEMBLY**

- (a) Remove the 2 clips and 2 washers, and disconnect the 2 cables from the transaxle.
- (b) Remove the 2 clips, and disconnect the 2 cables from the control cable bracket.

16. REMOVE FRONT DRIVE SHAFT ASSEMBLY LH

- (a) Remove the front drive shaft (see page [DS-4](#)).

17. REMOVE FRONT DRIVE SHAFT ASSEMBLY RH

HINT:

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

18. REMOVE FRONT FLOOR PANEL BRACE (See page [EX-3](#))**19. REMOVE FRONT EXHAUST PIPE ASSEMBLY (See page [EX-3](#))****20. SUSPEND ENGINE ASSEMBLY**

- (a) Install the 2 hangers in the correct direction.
- (b) Attach the engine chain hoist to the hangers.

Engine hanger:

Parts No. 12281-21010

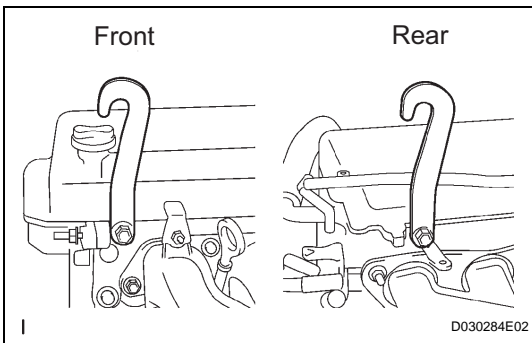
Bolt:

Parts No. 91642-81025

Torque: 40 N*m (408 kgf*cm, 29 ft.*lbf)

CAUTION:

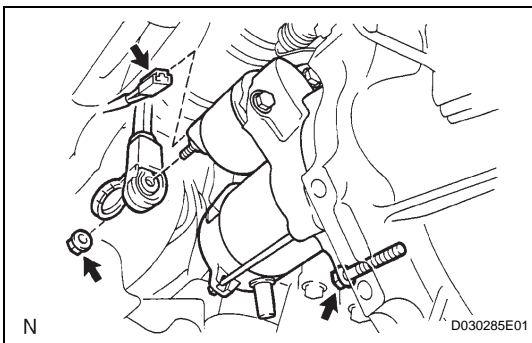
Do not attempt to hang the engine by hooking the chain to any other part.

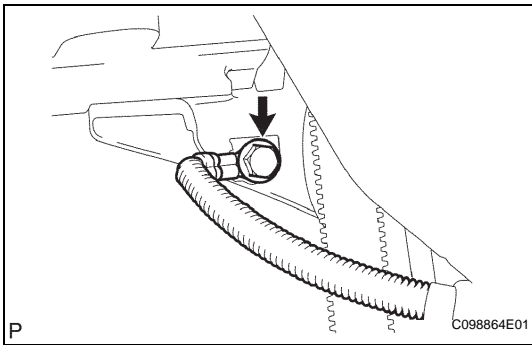
**21. REMOVE FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY (See page [PS-22](#))****22. REMOVE STARTER ASSEMBLY**

- (a) Remove the flywheel housing side cover.
- (b) Remove the nut and disconnect the starter wire.
- (c) Disconnect the connector.
- (d) Remove the 2 bolts and starter.

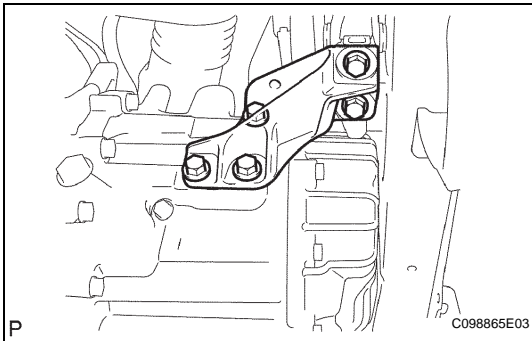
23. SUPPORT MANUAL TRANSAXLE ASSEMBLY

- (a) Support the transaxle with a transmission jack.

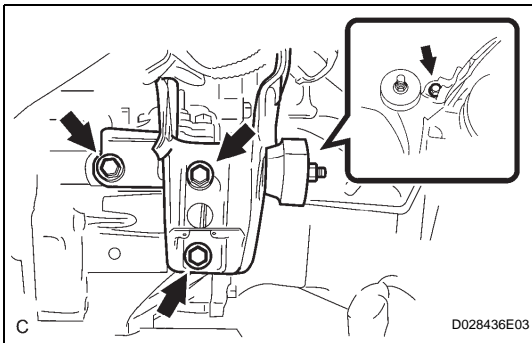


**24. REMOVE ENGINE MOUNTING BRACKET LH**

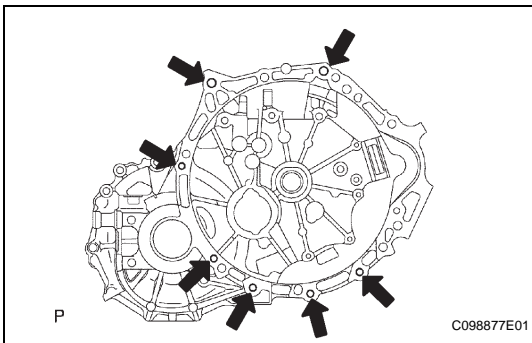
- (a) Remove the bolt and disconnect the ground cable.



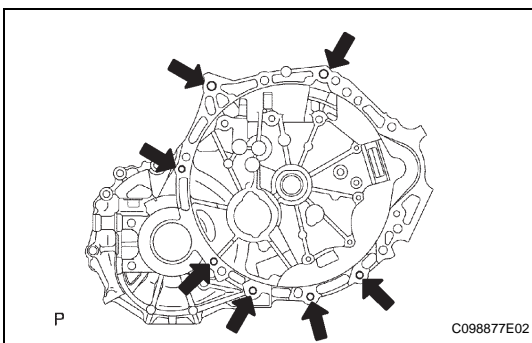
- (b) Remove the 2 bolts, and disconnect the engine mounting bracket LH from the engine mounting insulator LH.
- (c) Remove the 3 bolts and engine mounting bracket LH from the transaxle.

**25. REMOVE REAR ENGINE MOUNTING BRACKET**

- (a) Remove the 4 bolts and rear engine mounting bracket from the transaxle.

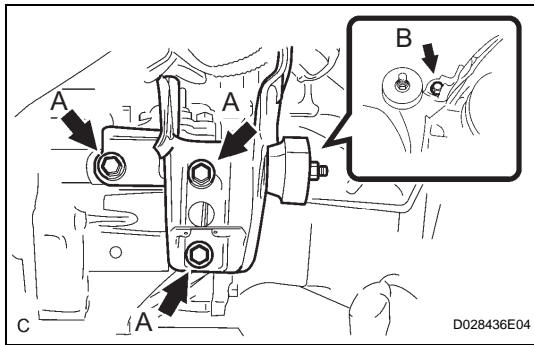
**26. REMOVE MANUAL TRANSAXLE ASSEMBLY**

- (a) Remove the 7 bolts and transaxle from the engine.

**MX****INSTALLATION****1. INSTALL MANUAL TRANSAXLE ASSEMBLY**

- (a) Align the input shaft with the clutch disc and install the transaxle to the engine.
- (b) Install the 7 bolts.

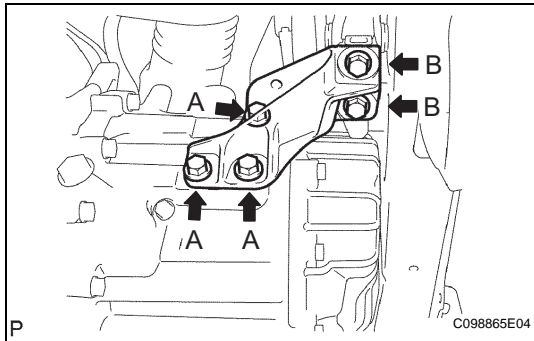
Torque: 33 N*m (340 kgf*cm, 24 ft.*lbf)



2. INSTALL REAR ENGINE MOUNTING BRACKET

- (a) Install the rear engine mounting bracket to the transaxle with the 4 bolts.

Torque: 64 N*m (653 kgf*cm, 47 ft.*lbf) for bolt A
18 N*m (180 kgf*cm, 13 ft.*lbf) for bolt B



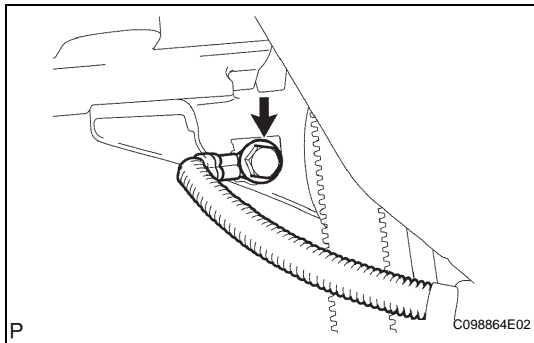
3. INSTALL ENGINE MOUNTING BRACKET LH

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

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

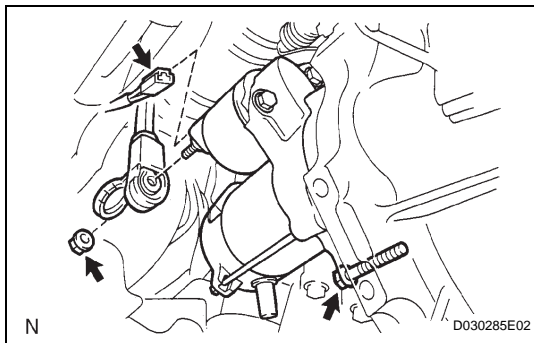
- (b) Connect the engine mounting bracket LH to the engine mounting insulator with the 2 bolts.

Torque: 49 N*m (500 kgf*cm, 36 ft.*lbf) for bolt B



- (c) Install the ground cable to the engine mounting bracket with the bolt.

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



4. INSTALL STARTER ASSEMBLY

- (a) Install the starter with the 2 bolts.

Torque: 37 N*m (380 kgf*cm, 27 ft.*lbf)

- (b) Connect the starter connector.

- (c) Install the wire with the nut.

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

- (d) Install the flywheel housing side cover.

5. INSTALL FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY (See page [PS-32](#))

6. INSTALL FRONT DRIVE SHAFT ASSEMBLY LH

- (a) Install the front drive shaft (see page [DS-13](#)).

7. INSTALL FRONT DRIVE SHAFT ASSEMBLY RH

HINT:

Install the RH side by the same procedures as the LH side.

8. INSTALL FRONT AXLE ASSEMBLY LH

- (a) Install the front axle (see page [AH-9](#)).

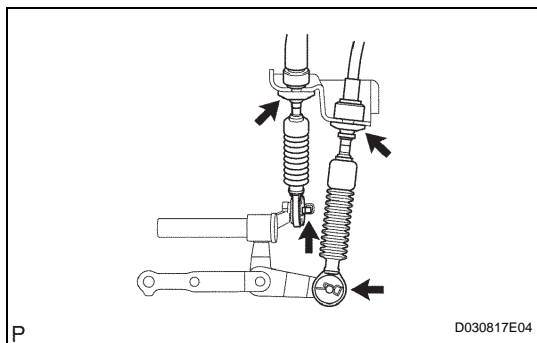
9. INSTALL FRONT AXLE ASSEMBLY RH

HINT:

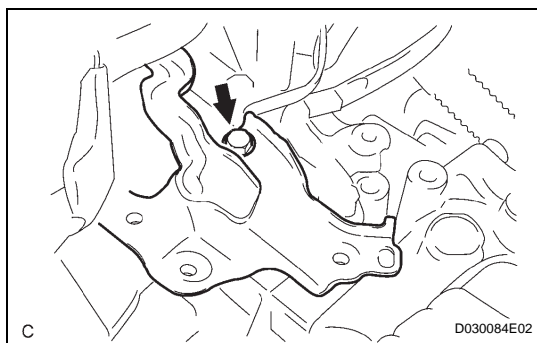
Install the RH side by the same procedures as the LH side.

10. INSTALL FRONT EXHAUST PIPE ASSEMBLY (See page EX-5)**11. INSTALL FRONT FLOOR PANEL BRACE (See page EX-7)****12. CONNECT TRANSMISSION CONTROL CABLE ASSEMBLY**

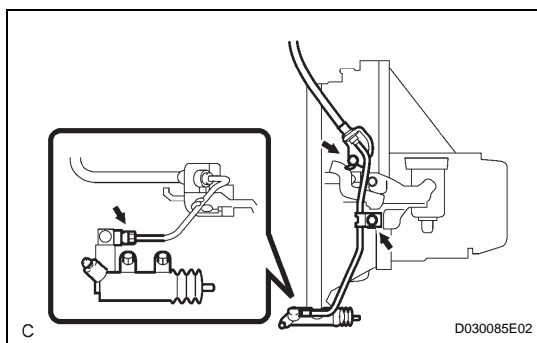
- (a) Connect the 2 cable ends to the transaxle with the 2 washers and 2 clips.
- (b) Install 2 new clips to the control cable bracket.

**13. INSTALL AIR CLEANER BRACKET**

- (a) Install the air cleaner bracket with the bolt.
Torque: 19 N*m (195 kgf*cm, 14 ft.*lbf)

**14. CONNECT CLUTCH RELEASE CYLINDER TO FLEXIBLE HOSE TUBE**

- (a) Using SST, connect the flexible hose tube.
SST 09023-00101
Torque: 15 N*m (155 kgf*cm, 11 ft.*lbf)
- (b) Connect the flexible hose tube with the 2 bolts.
Torque: 19 N*m (195 kgf*cm, 14 ft.*lbf)

**15. CONNECT CONNECTOR**

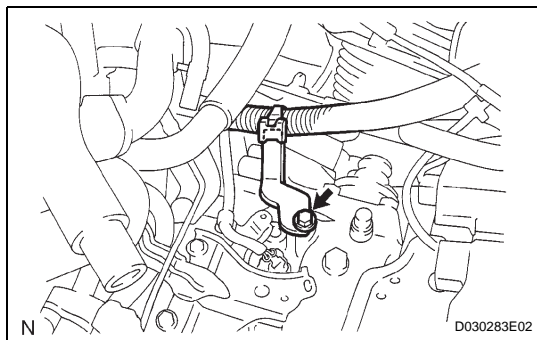
- (a) Connect the back-up light switch connector.

16. CONNECT WIRE HARNESS

- (a) Connect the wire harness clamp with the bolt.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)

17. INSTALL BATTERY**18. INSTALL AIR CLEANER ASSEMBLY****19. INSTALL NO. 2 CYLINDER HEAD COVER**

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

20. INSTALL COWL TOP PANEL OUTER (See page SP-14)**21. INSTALL HOOD SUB-ASSEMBLY (See page ED-1)**

22. **INSPECT HOOD SUB-ASSEMBLY** (See page [ED-1](#))
23. **ADJUST HOOD SUB-ASSEMBLY** (See page [ED-1](#))
24. **INSTALL FRONT WHEEL**
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)
25. **ADD TRANSAXLE OIL** (See page [MX-4](#))
26. **INSPECT AND ADJUST TRANSAXLE OIL** (See page [MX-2](#))
27. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
28. **PERFORM INITIALIZATION**
 - (a) Perform initialization (see page [IN-5](#)).
NOTICE:
Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.
29. **INSTALL ENGINE UNDER COVER RH**
30. **INSTALL ENGINE UNDER COVER LH**
31. **INSPECT FRONT WHEEL ALIGNMENT**
 - (a) Inspect the front wheel alignment (see page [SP-2](#)).
32. **CHECK ABS SPEED SENSOR SIGNAL**
 - (a) Check the ABS speed sensor signal (see page [RS-18](#)).
33. **CHECK FOR EXHAUST GAS LEAKS**