

REMOVAL

1. REMOVE HOOD SUB-ASSEMBLY

2. REMOVE BATTERY

NOTICE:

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

3. REMOVE WINDSHIELD WIPER LINK ASSEMBLY

(a) Remove the windshield wiper link (see page [WW-8](#)).

4. REMOVE COWL TOP PANEL OUTER

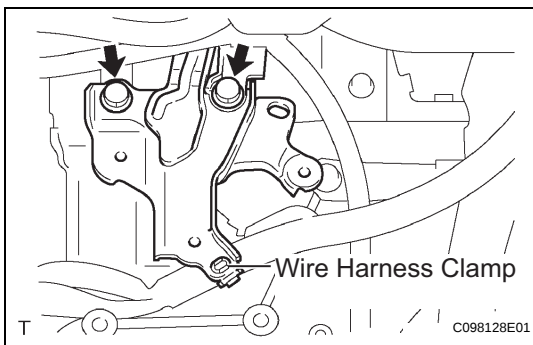
5. REMOVE NO. 2 CYLINDER HEAD COVER

6. REMOVE AIR CLEANER ASSEMBLY

(a) Remove air cleaner (see page [ES-346](#)).

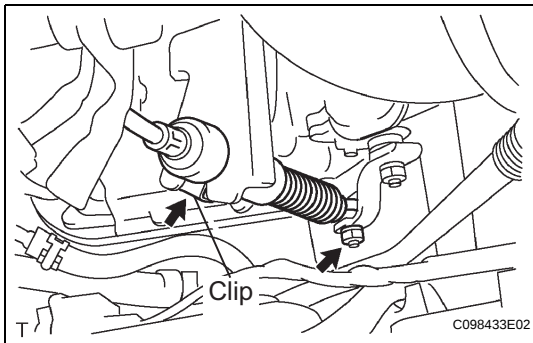
7. REMOVE AIR CLEANER BRACKET

- (a) Disconnect the wire harness clamp.
- (b) Remove the 2 bolts, air cleaner bracket and transmission control cable support.



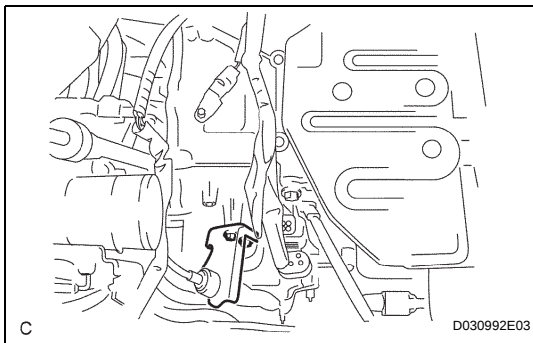
8. DISCONNECT TRANSMISSION CONTROL CABLE ASSEMBLY

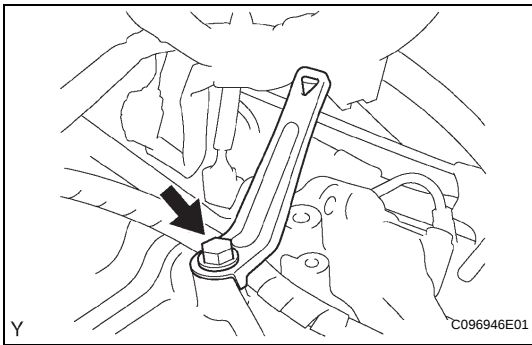
- (a) Remove the nut from the control shaft lever.
- (b) Disconnect the control cable from the control shaft lever.
- (c) Remove the clip and disconnect the control cable from the control cable bracket.



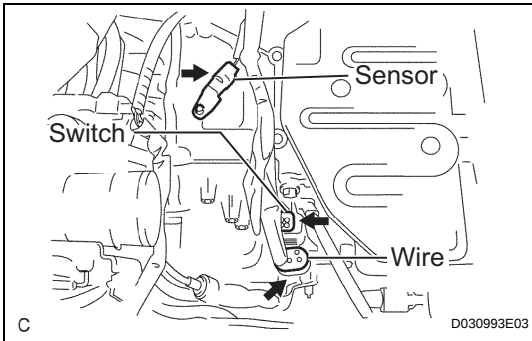
9. REMOVE NO. 1 TRANSMISSION CONTROL CABLE BRACKET

- (a) Remove the 2 bolts and bracket.



**10. DISCONNECT WIRE HARNESS**

- (a) Remove the bolt and disconnect the wire harness clamp bracket.

**11. DISCONNECT CONNECTOR**

- (a) Disconnect the transmission wire connector.
 (b) Disconnect the park/neutral position switch connector.
 (c) Disconnect the transmission revolution sensor connector.

12. REMOVE FRONT WHEEL**13. REMOVE ENGINE UNDER COVER RH****14. REMOVE ENGINE UNDER COVER LH****15. REMOVE FRONT EXHAUST PIPE ASSEMBLY**

- (a) Remove the front exhaust pipe (see page [EX-3](#)).

16. DRAIN AUTOMATIC TRANSAXLE FLUID

- (a) Remove the drain plug and gasket, and drain ATF.
 (b) Install a new gasket and the drain plug.

17. REMOVE FRONT DRIVE SHAFT ASSEMBLY RH

- (a) Remove the front drive shaft (see page [DS-6](#)).

18. REMOVE FRONT DRIVE SHAFT ASSEMBLY LH

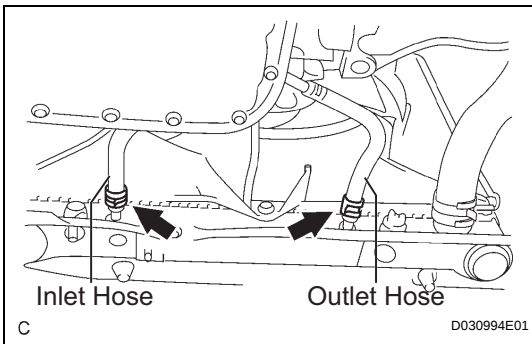
- (a) Remove the front drive shaft (see page [DS-6](#)).

19. DISCONNECT OIL COOLER HOSE

- (a) Using pliers, grip the claws of the 2 clips and disconnect the oil cooler hoses (inlet and outlet).

HINT:

Use a container to catch the fluid.

**20. SUSPEND ENGINE ASSEMBLY**

- (a) Install the engine hangers with the bolts in the correct direction.

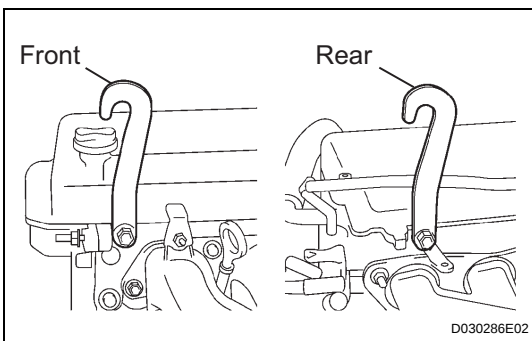
Engine hanger:

Part No. 12281-21010

Bolt:

Part No. 91642-81025

Torque: 40 N*m (408 kgf*cm, 30 ft.*lbf)



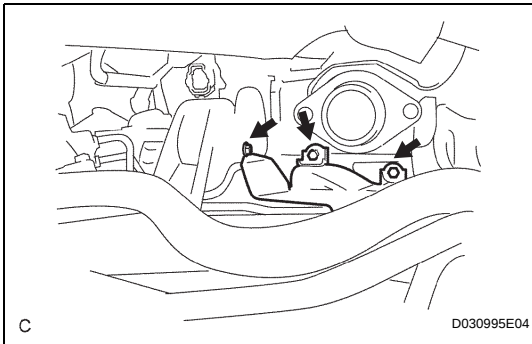
- (b) Attach the engine chain hoist to the engine hangers.

NOTICE:

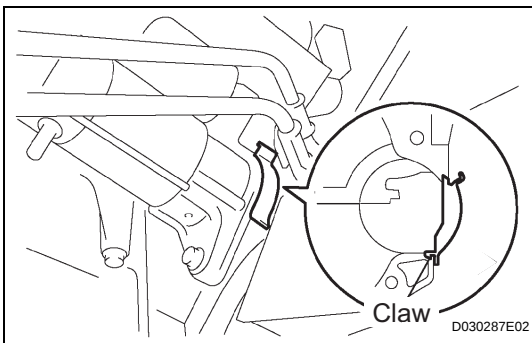
Do not attempt to hang the engine by hooking the chain to any other parts.

21. REMOVE DRIVE SHAFT HEAT INSULATOR SUB-ASSEMBLY

- (a) Remove the 3 bolts and drive shaft heat insulator.

**22. REMOVE STARTER ASSEMBLY**

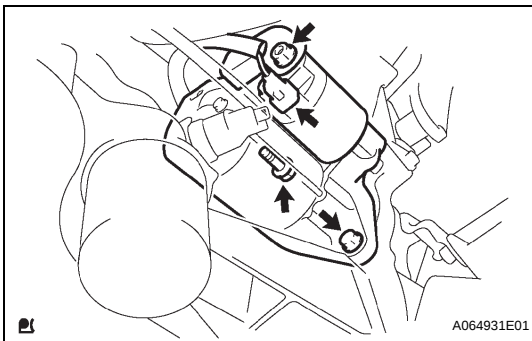
- (a) Remove the flywheel housing side cover.



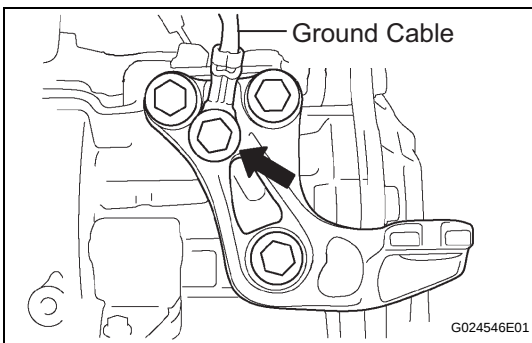
- (b) Remove the nut and disconnect the starter wire.
(c) Disconnect the connector.
(d) Remove the 2 bolts and starter.

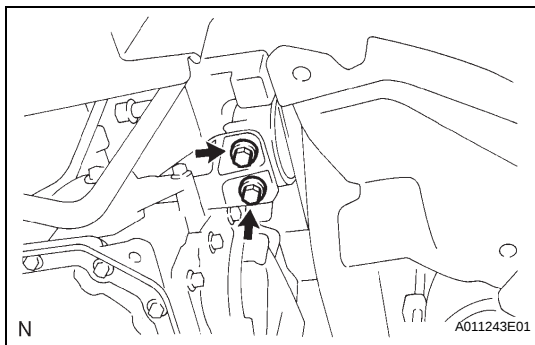
23. SUPPORT AUTOMATIC TRANSAXLE ASSEMBLY

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

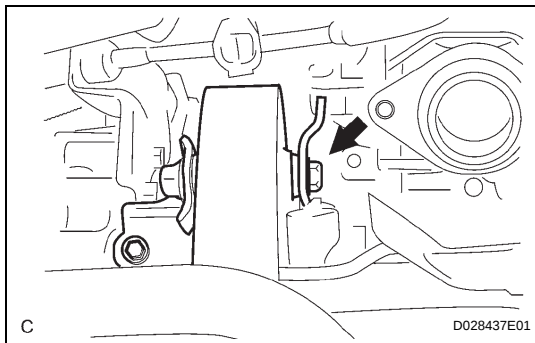
**24. DISCONNECT ENGINE MOUNTING BRACKET LH**

- (a) Remove the bolt and ground cable from the engine mounting bracket.





- (b) Remove the 2 bolts and disconnect the engine mounting bracket from the engine mounting insulator.

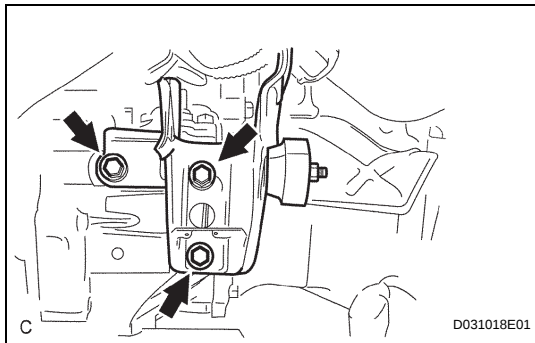


25. DISCONNECT ENGINE MOUNTING INSULATOR REAR

- (a) Remove the bolt and nut, and disconnect the engine mounting insulator rear from the engine mounting bracket.

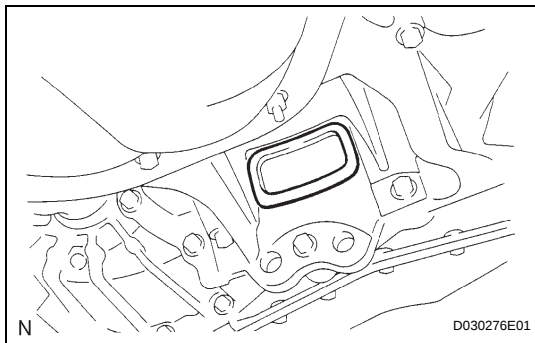
26. REMOVE FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY

- (a) Remove the front suspension crossmember (see page [EM-77](#)).



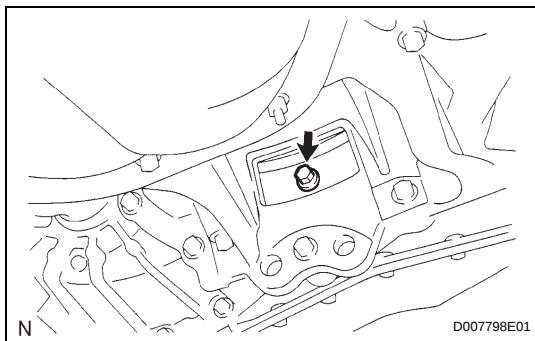
27. REMOVE ENGINE MOUNTING BRACKET REAR

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



28. REMOVE FLYWHEEL HOUSING UNDER COVER

- (a) Remove the flywheel housing under cover.

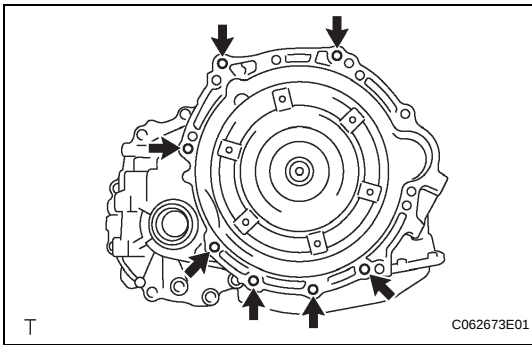


29. REMOVE AUTOMATIC TRANSAXLE ASSEMBLY

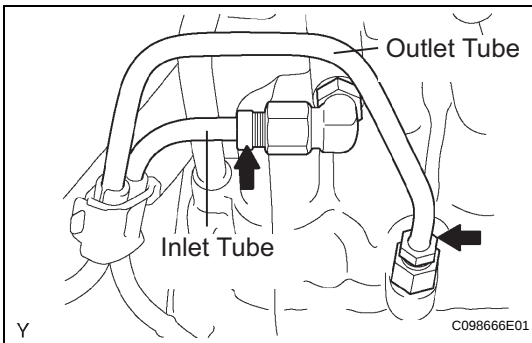
- (a) Turn the crankshaft to gain access and remove the 6 torque converter mounting bolts while holding the crankshaft pulley bolt with a wrench.

HINT:

There will be one white colored bolt.



- (b) Remove the 7 bolts.
- (c) Remove the automatic transaxle from the engine.

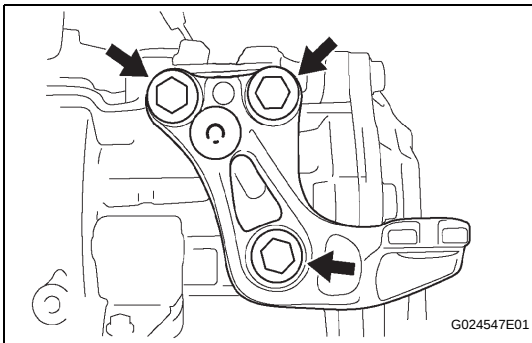


30. DISCONNECT NO. 1 OIL COOLER INLET TUBE

- (a) Using SST, disconnect the oil cooler inlet tube.
SST 09023-12701

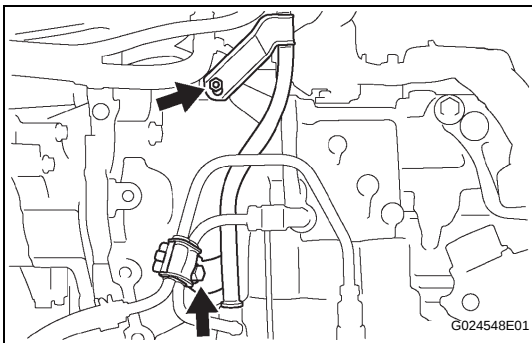
31. DISCONNECT NO. 1 OIL COOLER OUTLET TUBE

- (a) Using SST, disconnect the oil cooler outlet tube.
SST 09023-12701



32. REMOVE ENGINE MOUNTING BRACKET LH

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



33. REMOVE TRANSMISSION OIL FILLER TUBE SUB-ASSEMBLY

34. REMOVE TORQUE CONVERTER CLUTCH ASSEMBLY

- (a) Remove the torque converter clutch from the automatic transaxle.