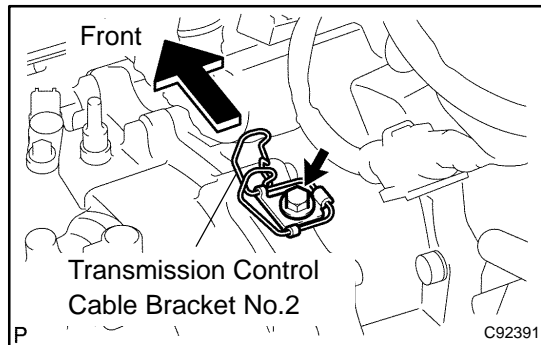


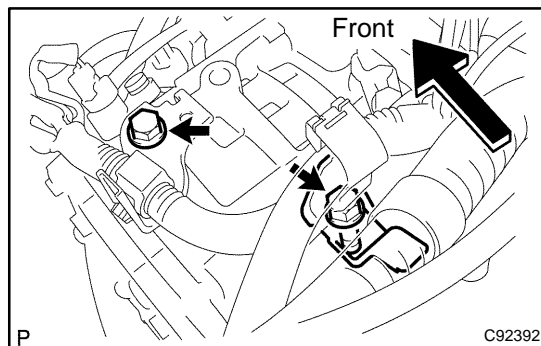
REPLACEMENT

1. REMOVE ENGINE ASSEMBLY WITH TRANSAXLE (SEE PAGE 14-29)
 2. REMOVE FRONT DRIVE SHAFT ASSY RH (SEE PAGE 30-8)
 3. REMOVE FRONT DRIVE SHAFT ASSY LH (SEE PAGE 30-8)
- SST 09520-01010, 09520-24010 (09520-32040)



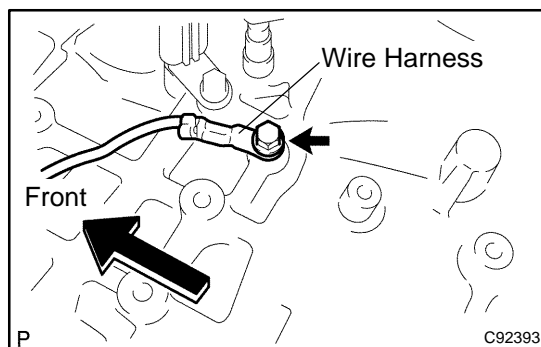
4. REMOVE TRANSMISSION CONTROL CABLE BRACKET NO.2

- (a) Remove the bolt and transmission control cable bracket No.2.



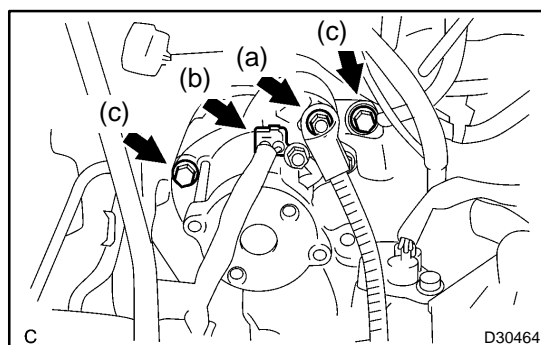
5. REMOVE WIRE HARNESS CLAMP

- (a) Disconnect the wire harnesses from the 2 clamps.
- (b) Remove the 2 bolts and 2 clamps.



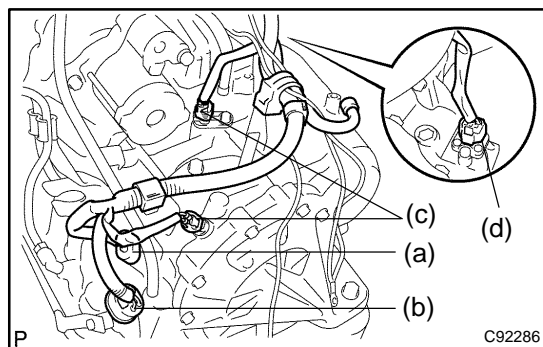
6. DISCONNECT WIRE HARNESS

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

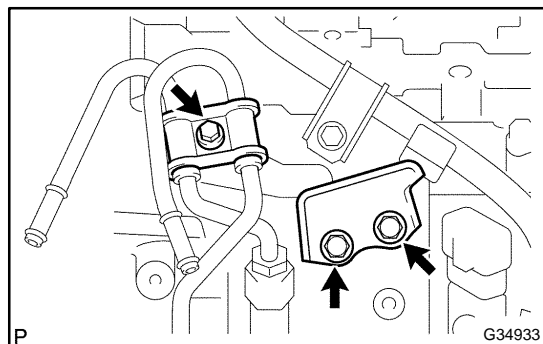


7. REMOVE STARTER ASSY

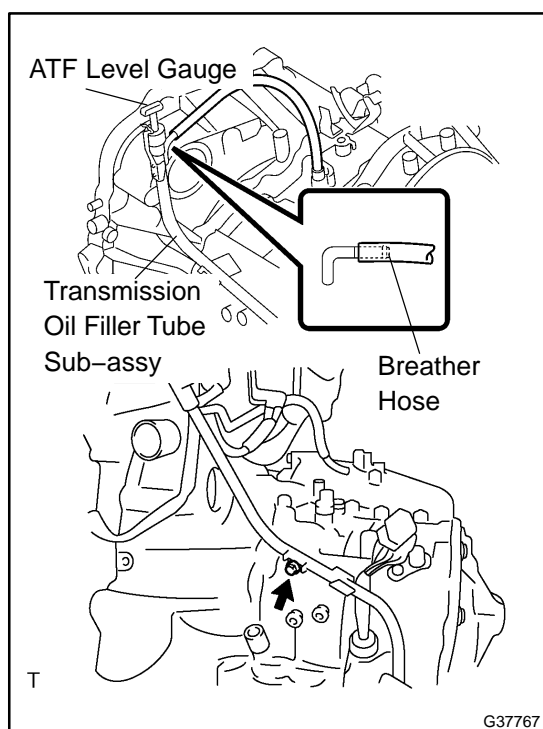
- (a) Remove the nut and disconnect the starter wire.
- (b) Disconnect the connector.
- (c) Remove the 2 bolts and starter assy.

**8. DISCONNECT CONNECTOR**

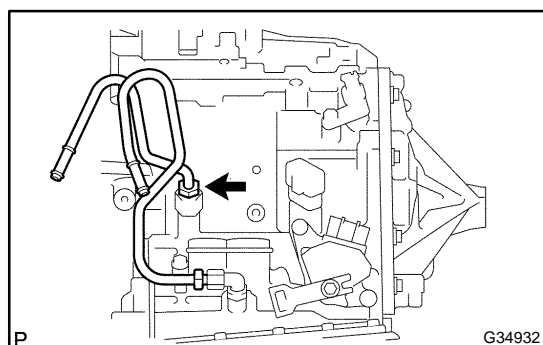
- (a) Disconnect the transmission wire connector.
- (b) Disconnect the park/neutral position switch connector.
- (c) Disconnect the 2 speed sensor connectors.
- (d) Disconnect the speedometer driven gear connector.

**9. REMOVE TRANSMISSION CONTROL CABLE BRACKET NO.1**

- (a) Remove the bolt and oil cooler tube clamp.
- (b) Remove the 2 bolts and transmission control cable bracket No.1.

**10. REMOVE TRANSMISSION OIL FILLER TUBE SUB-ASSY**

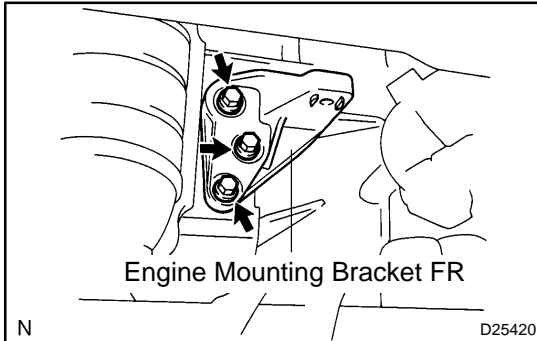
- (a) Remove the ATF level gauge.
- (b) Remove the breather hose from the automatic transaxle.
- (c) Remove the bolt and transmission oil filler tube sub-assy.
- (d) Remove the O-ring from the oil filler tube.

**11. REMOVE OIL COOLER INLET TUBE NO.1**

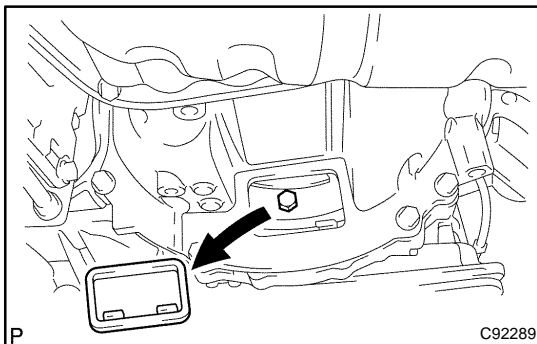
- (a) Remove the oil cooler inlet tube No.1.

12. REMOVE OIL COOLER OUTLET TUBE NO.1

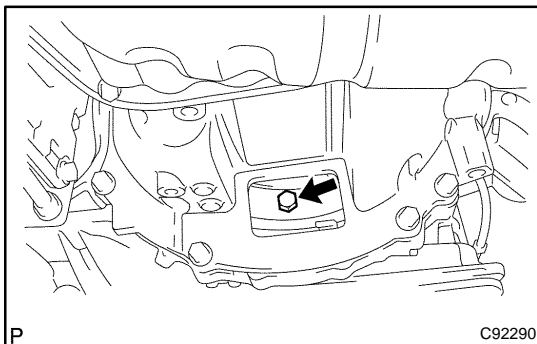
- (a) Remove the oil cooler outlet tube No.1.

**13. REMOVE ENGINE MOUNTING BRACKET FR**

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

**14. REMOVE FLYWHEEL HOUSING UNDER COVER**

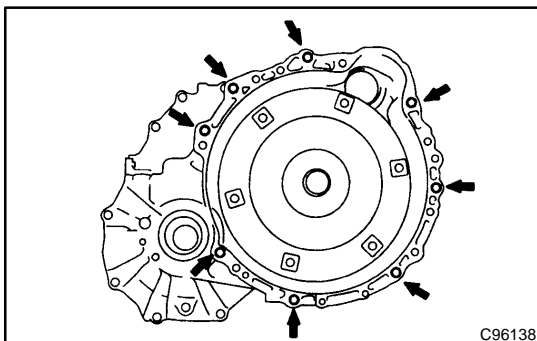
- (a) Remove the flywheel housing under cover.

**15. REMOVE AUTOMATIC TRANSAXLE ASSY**

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

HINT:

There will be one green colored bolt.

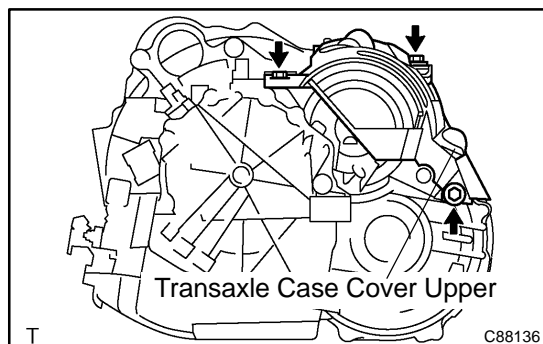


- (b) Remove the 8 bolts.

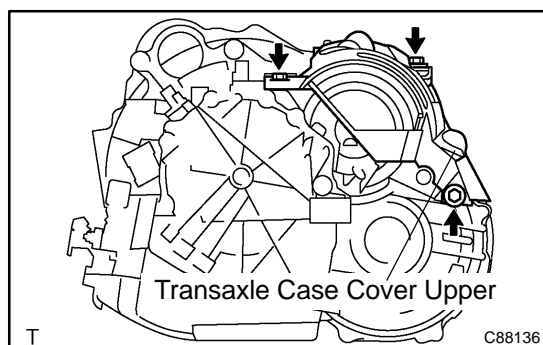
- (c) Separate and remove the automatic transaxle.

16. REMOVE TORQUE CONVERTER CLUTCH ASSY**17. INSPECT TORQUE CONVERTER CLUTCH ASSY (SEE PAGE 40-27)**

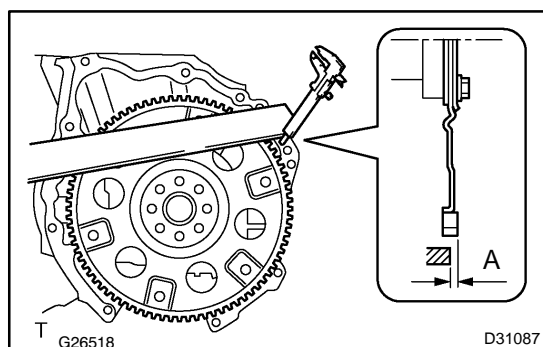
SST 09350-32014 (09351-32010, 09351-32020)

**18. REMOVE TRANSAXLE CASE COVER UPPER**

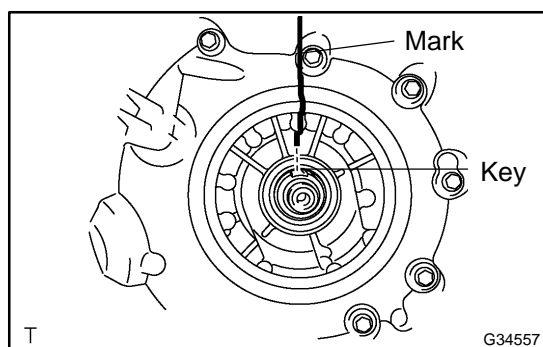
- (a) Remove the 3 bolts and transmission case cover upper.

**19. INSTALL TRANSAXLE CASE COVER UPPER**

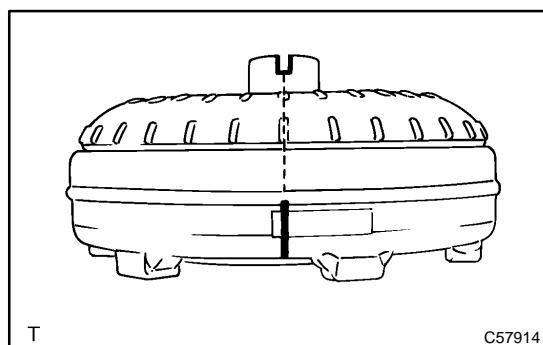
- (a) Install the transmission case cover upper with the 3 bolts.
Torque: 12 N·m (122 kgf·cm, 9 ft·lbf)

**20. INSTALL TORQUE CONVERTER CLUTCH ASSY**

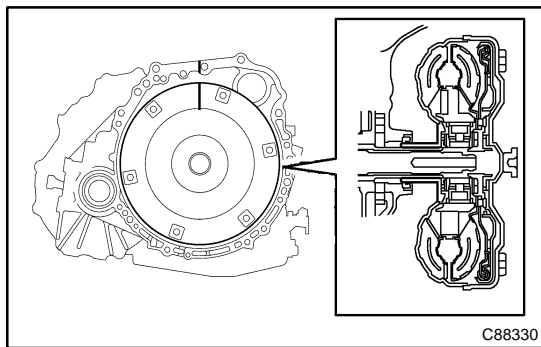
- (a) Using vernier calipers and a straight edge, measure the dimension "A" between the transaxle fitting part of the engine and the converter fitting part of the drive plate.



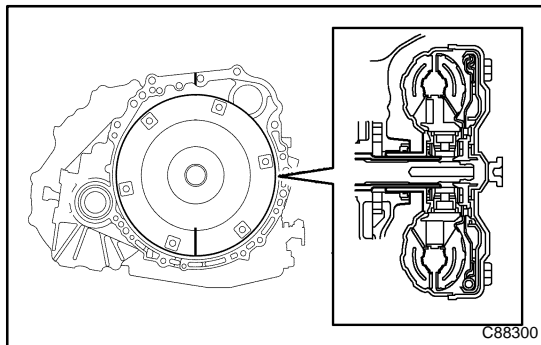
- (b) Set the key of the front oil pump drive gear to the top and put a mark on the housing.



- (c) Put a mark on the torque converter clutch so that its groove can be clearly indicated.



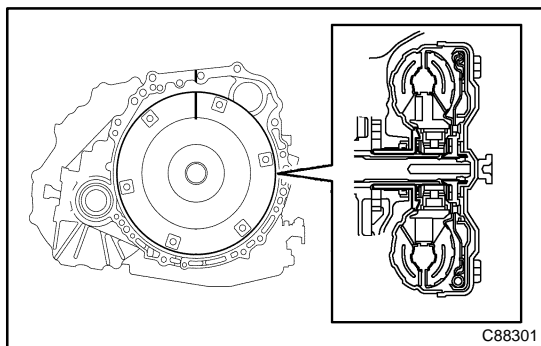
- (d) Match the 2 marks on the transaxle case and the torque converter clutch and fit the splined part of the input shaft to the spline part of the turbine runner.



- (e) Rotating the torque converter clutch, fit the spline part of the stator shaft with the spline part of the stator.

HINT:

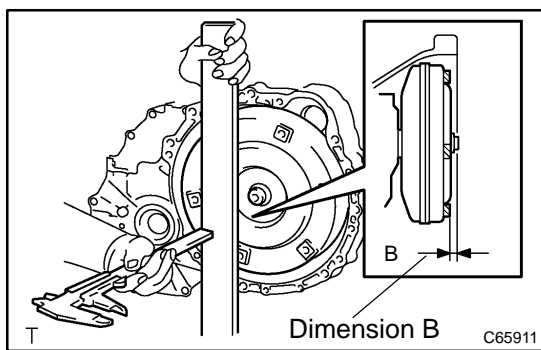
Rotate it about 180 degrees.



- (f) Rotating the torque converter clutch, match the 2 marks on the case and the torque converter clutch again and fit the key of the oil pump drive gear into the key way of the torque converter clutch.

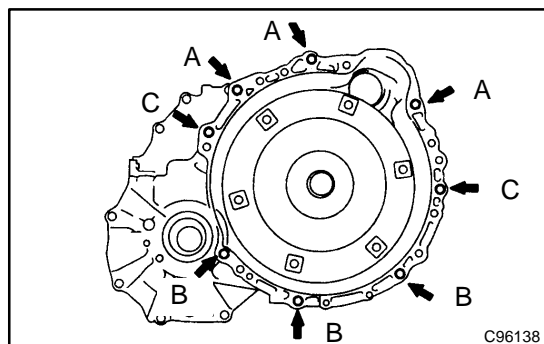
NOTICE:

When rotating the torque converter clutch, do not push it by excessive force.



- (g) Using vernier calipers and a straight edge, measure the dimension B shown in the illustration and check that B is greater than A measured in step (a).

Standard: A + 1 mm (0.04 in.) or more



21. INSTALL AUTOMATIC TRANSAXLE ASSY

- (a) Install the automatic transaxle to the engine with the 8 bolts.

Torque:

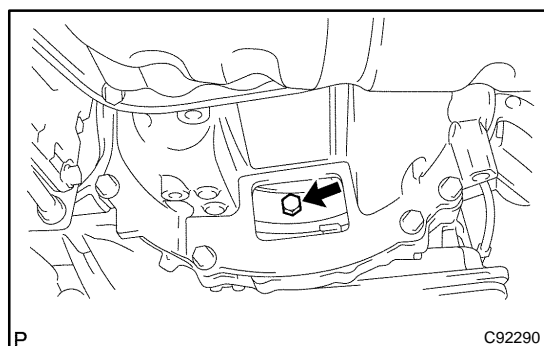
Bolt A: 64 N·m (653 kgf·cm, 47 ft·lbf)

Bolt B: 44 N·m (449 kgf·cm, 32 ft·lbf)

Bolt C: 46 N·m (470 kgf·cm, 34 ft·lbf)

- (b) Apply a few drops of adhesive to 2 threads on the tip of the 6 torque converter clutch mounting bolts.

Adhesive: Part No. 08833-00070, THREE BOND 1324 or equivalent

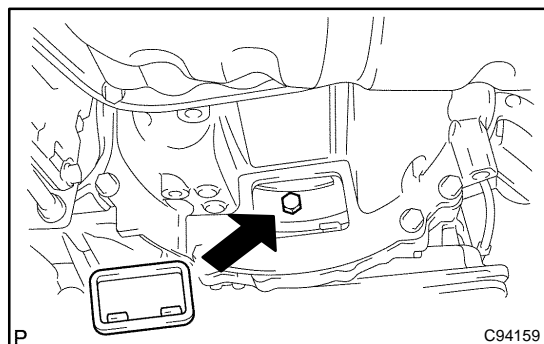


- (c) Install the 6 torque converter clutch mounting bolts.

Torque: 41 N·m (418 kgf·cm, 30 ft·lbf)

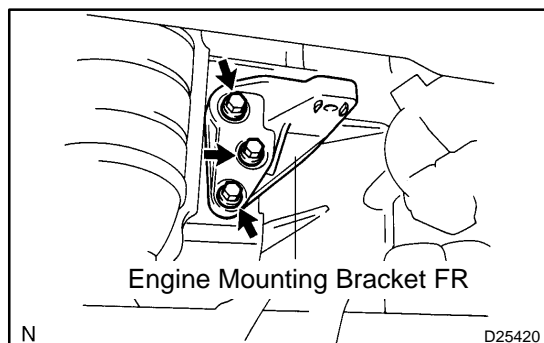
NOTICE:

First install the green colored bolt and then the remaining 5 bolts.



22. INSTALL FLYWHEEL HOUSING UNDER COVER

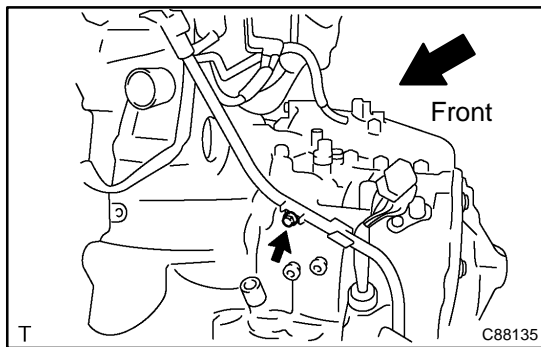
- (a) Install the flywheel housing under cover.



23. INSTALL ENGINE MOUNTING BRACKET FR

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

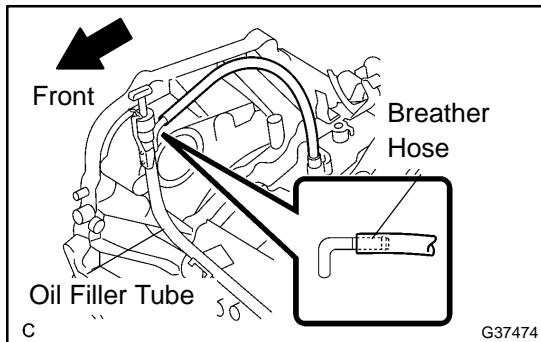
Torque: 64 N·m (653 kgf·cm, 47 ft·lbf)



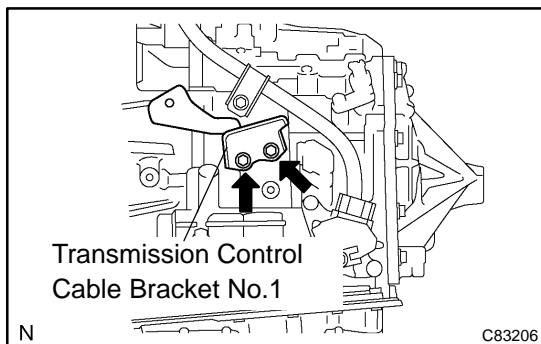
24. INSTALL TRANSMISSION OIL FILLER TUBE SUB-ASSY

- Coat a new O-ring with ATF, and install it to the oil filler tube.
- Install the oil filler tube to the automatic transaxle with the bolt.

Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)



- Install the breather hose to the automatic transaxle.
- Install the ATF level gauge.

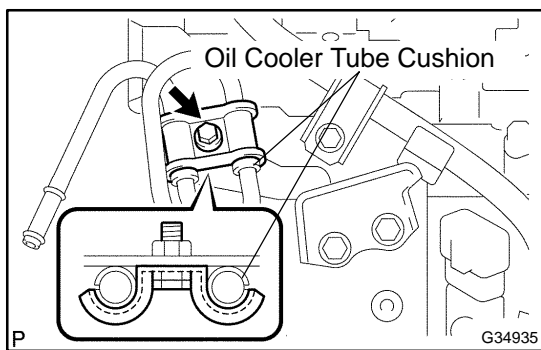


25. INSTALL TRANSMISSION CONTROL CABLE BRACKET NO.1

- Install the control cable bracket No.1 with the 2 bolts.
- Torque: 12 N·m (122 kgf·cm, 9 ft·lbf)**

26. INSTALL OIL COOLER INLET TUBE NO.1

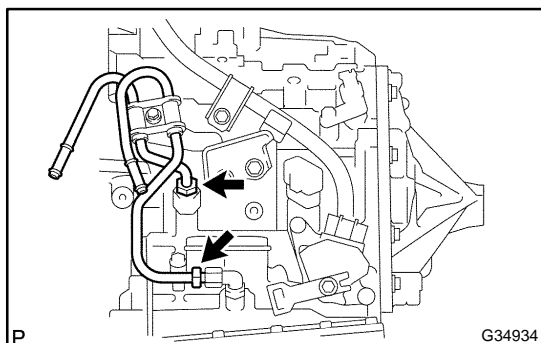
- Temporarily install the oil cooler outlet tube No.1.
- Temporarily install the oil cooler inlet tube No.1.



- Install the oil cooler tube clamp with the bolt.
- Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)**

HINT:

Install them so that the oil cooler tube cushion is positioned as shown in the illustration.

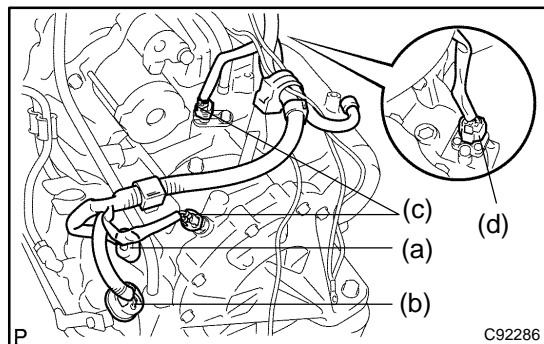


- Torque the oil cooler inlet tube No.1.
- Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)**

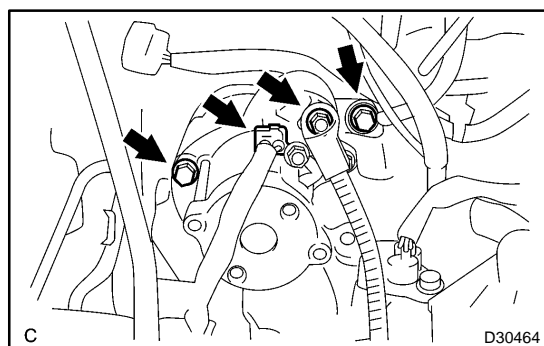
27. INSTALL OIL COOLER OUTLET TUBE NO.1

- (a) Torque the oil cooler outlet tube No.1.

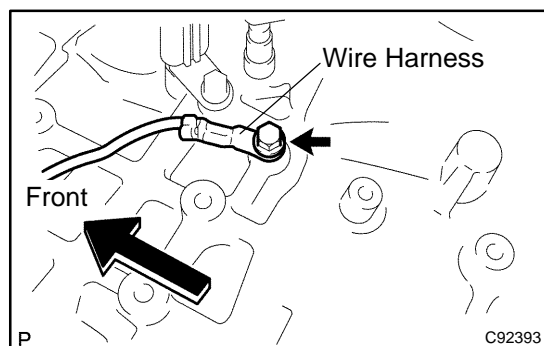
Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)

**28. CONNECT CONNECTOR**

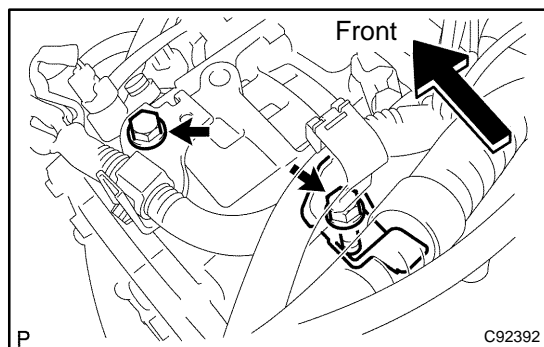
- (a) Connect the transmission wire connector.
 (b) Connect the park/neutral position switch connector.
 (c) Connect the 2 speed sensor connectors.
 (d) Connect the speedometer driven gear connector.

**29. INSTALL STARTER ASSY**

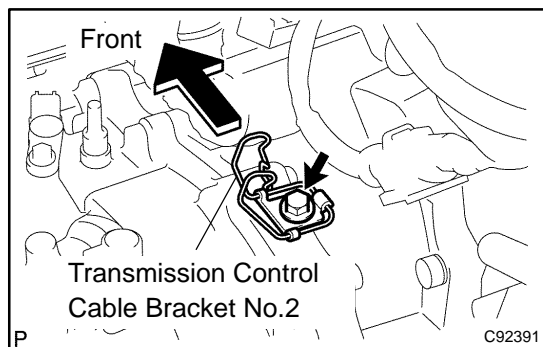
- (a) Install the starter assy with the 2 bolts.
Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)
 (b) Connect the connector.
 (c) Connect the starter wire with the nut.
Torque: 9.8 N·m (100 kgf·cm, 87 in·lbf)

**30. CONNECT WIRE HARNESS**

- (a) Connect the wire harness with the bolt.
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

**31. INSTALL WIRE HARNESS CLAMP**

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



32. INSTALL TRANSMISSION CONTROL CABLE BRACKET NO.2

- (a) Install the transmission control cable bracket No.2 with the bolt.

Torque: 12 N·m (122 kgf·cm, 9 ft·lbf)

33. INSTALL FRONT DRIVE SHAFT ASSY LH (SEE PAGE 30-8)

34. INSTALL FRONT DRIVE SHAFT ASSY RH (SEE PAGE 30-8)

35. INSTALL ENGINE ASSEMBLY WITH TRANSAXLE (SEE PAGE 14-29)

36. RESET MEMORY

NOTICE:

Perform the RESET MEMORY (AT initialization) when replacing the automatic transmission assy, engine assy or ECM (see page 05-1123).

HINT:

RESET MEMORY can not be completed by only disconnecting the battery terminal.