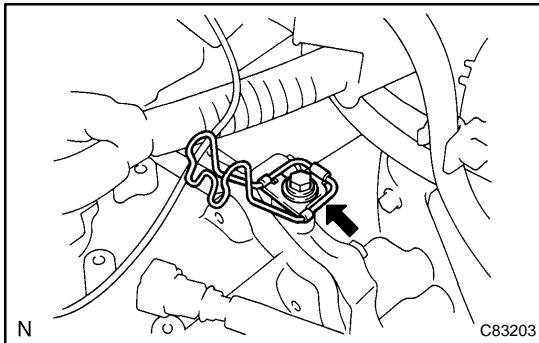


AUTOMATIC TRANSAXLE ASSY (U241E/U140F)

40062-07

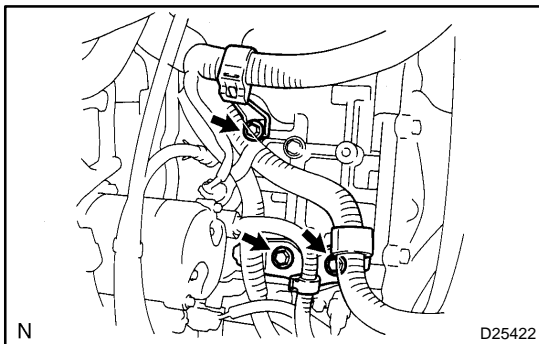
REPLACEMENT

1. REMOVE ENGINE ASSY W/ TRANSAXLE (SEE PAGE 14-24)
2. REMOVE FRONT DRIVE SHAFT ASSY RH (SEE PAGE 30-21)
3. REMOVE FRONT DRIVE SHAFT ASSY LH (SEE PAGE 30-21)
4. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET (4WD DRIVE TYPE) (SEE PAGE 31-9)
5. REMOVE TRANSFER ASSY (4WD DRIVE TYPE) (SEE PAGE 31-9)



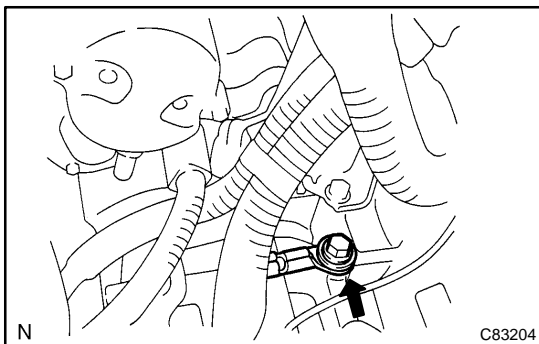
6. REMOVE TRANSMISSION CONTROL CABLE BRACKET NO.2

- (a) Remove the bolt and control cable clamp.



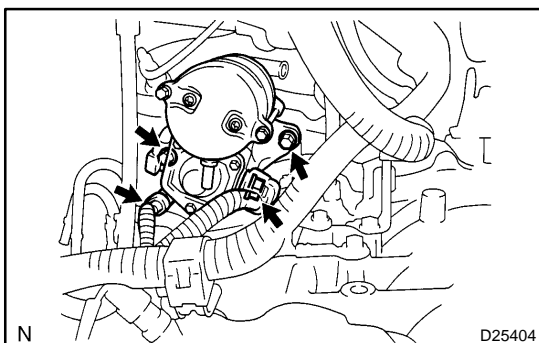
7. REMOVE WIRE HARNESS CLAMP

- (a) Disconnect the wire harness from the clamp.
- (b) Remove the 3 bolts and 2 clamps.



8. SEPARATE WIRE HARNESS

- (a) Remove the wire harness.

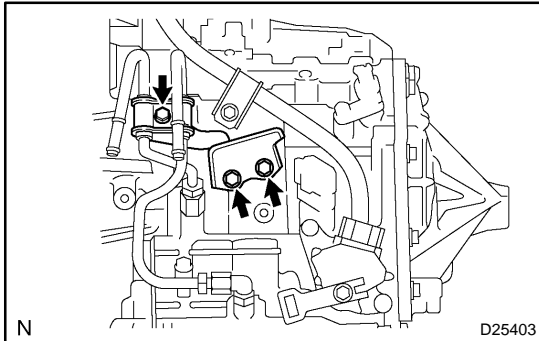


9. REMOVE STARTER ASSY

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

10. SEPARATE CONNECTOR

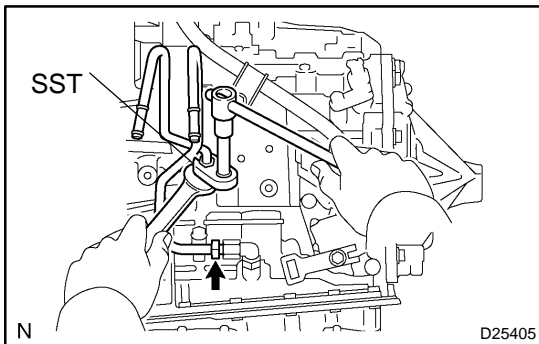
- (a) Disconnect the transmission wire connector.
- (b) Disconnect the park/neutral position switch connector.
- (c) Disconnect the speed sensor connector.

**11. 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.

12. REMOVE TRANSMISSION OIL FILLER TUBE SUB-ASSY

- (a) Remove the ATF level gauge.
- (b) Remove the bolt and oil filler tube.
- (c) Remove the O-ring from the oil filler tube.

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

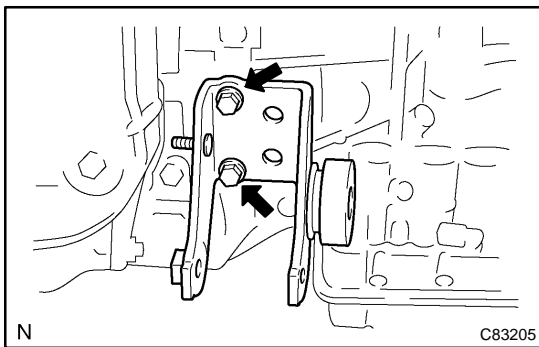
- (a) Using SST and spanner, disconnect the oil cooler inlet tube.

SST 09023-12701

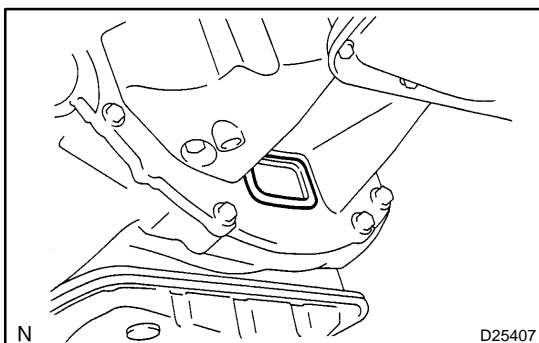
14. REMOVE OIL COOLER OUTLET TUBE NO.1

- (a) Using SST and spanner, disconnect the oil cooler outlet tube.

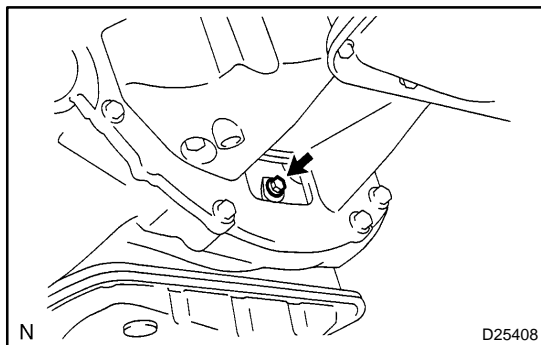
SST 09023-12701

**15. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET**

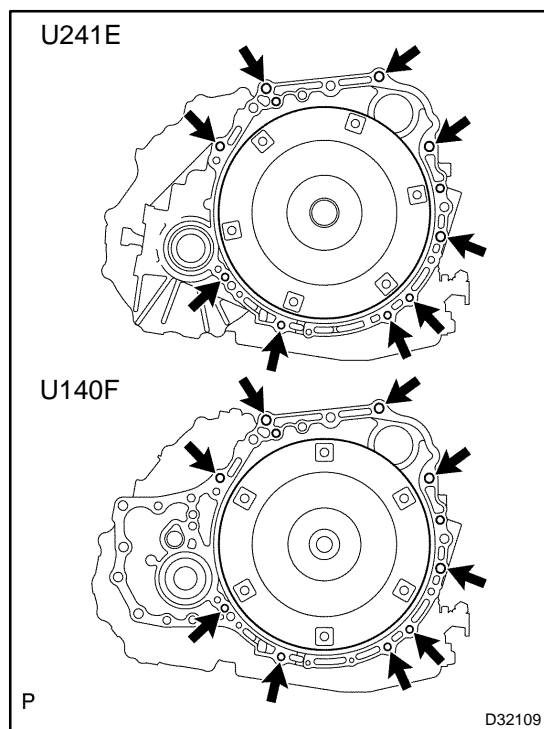
- (a) Remove the 2 bolts and engine mounting bracket FR.

**16. REMOVE FLYWHEEL HOUSING UNDER COVER**

- (a) Remove the flywheel housing under cover.

**17. 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.



- (b) Remove the 9 bolts.

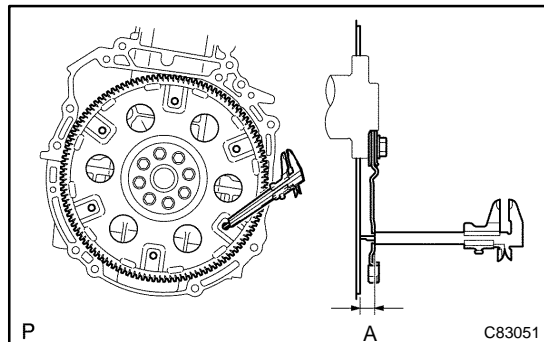
- (c) Separate and remove the automatic transaxle.

18. REMOVE TORQUE CONVERTER CLUTCH ASSY**19. INSPECT TORQUE CONVERTER CLUTCH ASSY (SEE PAGE 40-29)**

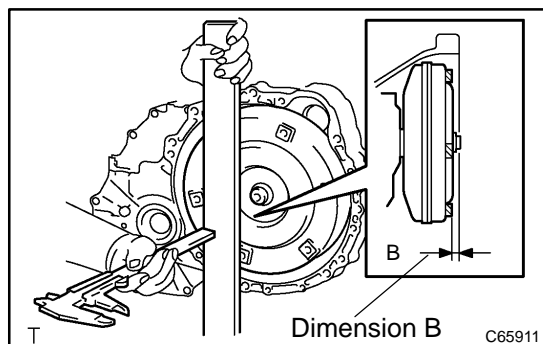
SST 09350-32014 (09351-32010, 09351-32020)

20. INSTALL TORQUE CONVERTER CLUTCH ASSY

- (a) Install the torque converter clutch to the automatic trans-
axle.

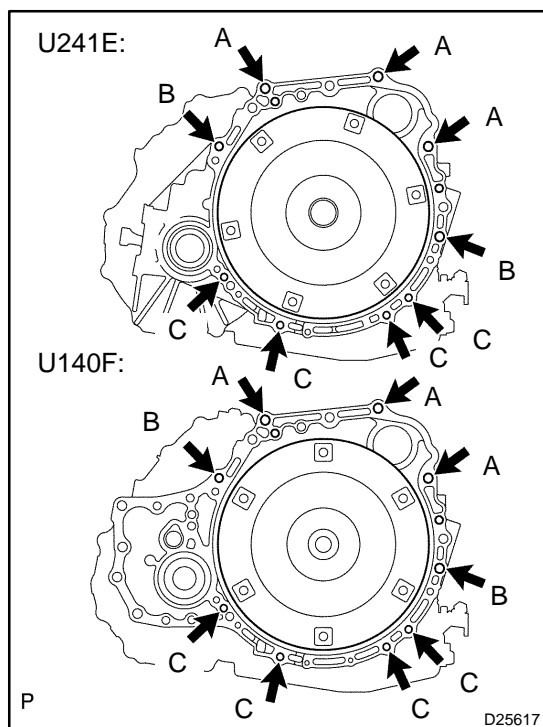


- (b) Using calipers, measure dimension A between the trans-
axle and the end surface of the drive plate.



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

Standard: A + 1 mm or more



21. INSTALL AUTOMATIC TRANSAXLE ASSY

- (a) Install the automatic transaxle and 9 bolts to the engine.

Torque:

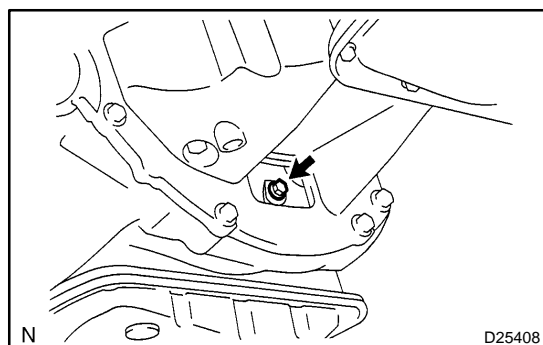
Bolt A: 64 N·m (650 kgf·cm, 47 ft·lbf)

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

Bolt C: 37.2 N·m (379 kgf·cm, 27 ft·lbf)

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

Adhesive: Part No. 08833-00070 or equivalent

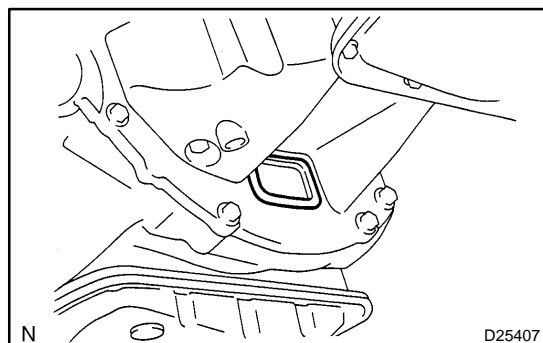


- (c) Install the 6 torque converter clutch mounting bolts.

Torque: 41 N·m (420 kgf·cm, 30 ft·lbf)

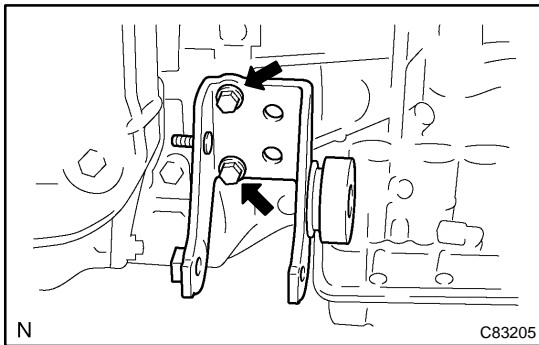
HINT:

First install green colored bolt and then the 5 bolts.



22. INSTALL FLYWHEEL HOUSING UNDER COVER

- (a) Install the flywheel housing under cover.



23. INSTALL TRANSVERSE ENGINE MOUNTING BRACKET

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

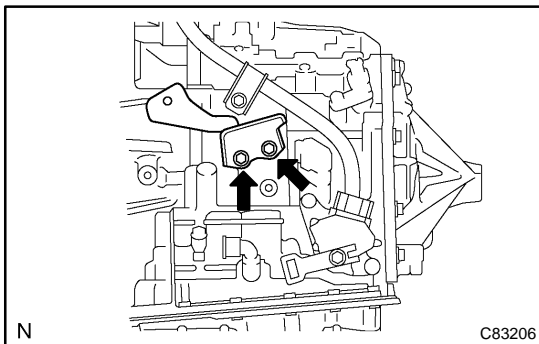
Torque: 64 N·m (653 kgf·cm, 47 ft·lbf)

24. INSTALL TRANSMISSION OIL FILLER TUBE SUB-ASSY

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

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

- (c) Install the ATF level gauge.



25. INSTALL TRANSMISSION CONTROL CABLE BRACKET NO.1

- (a) Install the control cable bracket and 2 bolts.

Torque: 11.8 N·m (122 kgf·cm, 9 ft·lbf)

26. INSTALL OIL COOLER INLET TUBE NO.1

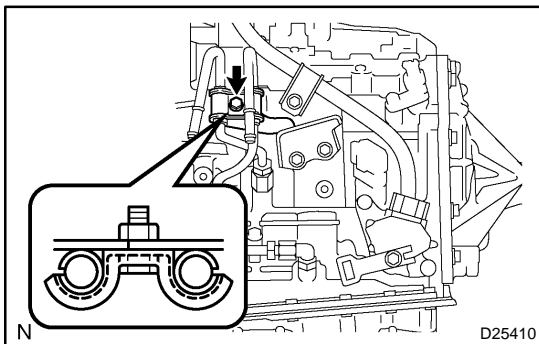
- (a) Temporarily install the oil cooler outlet tube.
 (b) Temporarily install the oil cooler inlet tube.

- (c) Install the oil cooler tube clamp and bolt.

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

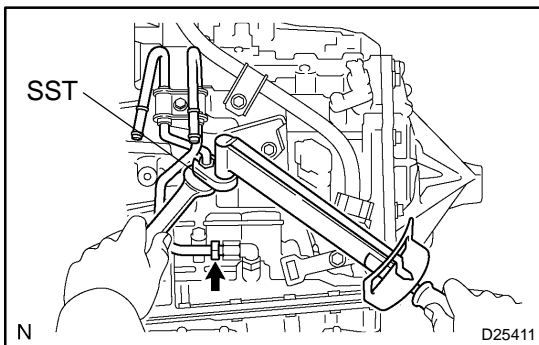
HINT:

Install them so that the oil cooler tube cushion is positioned as illustrated.



- (d) Using SST and spanner, tighten the oil cooler inlet tube.
 SST 09023-12701

Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)

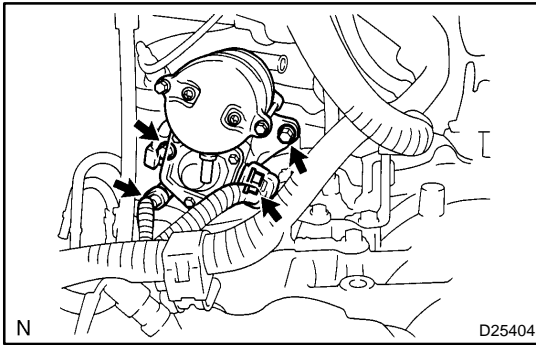


27. INSTALL OIL COOLER OUTLET TUBE NO.1

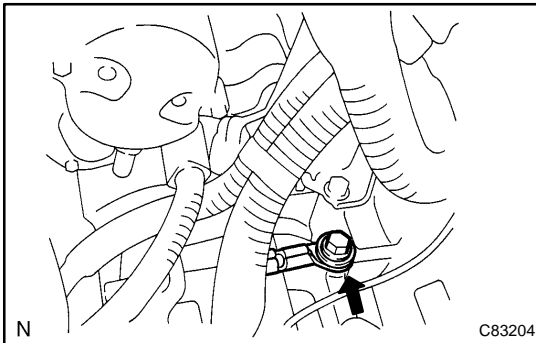
- (a) Using SST and spanner, tighten the oil cooler outlet tube.

SST 09023-12701

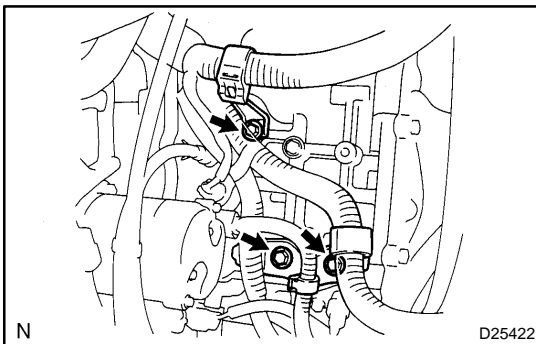
Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)

**28. INSTALL STARTER ASSY**

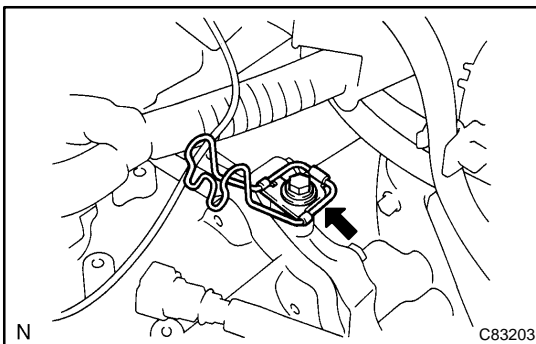
- (a) Install the starter and 2 bolts.
Torque: 39 N·m (398 kgf·cm, 29 ft·lbf)
- (b) Connect the connector.
- (c) Install the starter wire and nut.
Torque: 9.8 N·m (100 kgf·cm, 87 in·lbf)

**29. INSTALL WIRE HARNESS**

- (a) Install the wire harness and bolt.
Torque: 25.5 N·m (260 kgf·cm, 19 ft·lbf)

**30. INSTALL WIRE HARNESS CLAMP**

- (a) Install the 2 clamps and 3 bolts.
Torque: 8.4 N·m (86 kgf·cm, 74 in·lbf)
- (b) Connect the wire harness to the clamp.

**31. INSTALL TRANSMISSION CONTROL CABLE BRACKET NO.2**

- (a) Install the control cable clamp and bolt.
Torque: 11.8 N·m (122 kgf·cm, 9 ft·lbf)

- 32. INSTALL TRANSFER ASSY (4WD DRIVE TYPE) (SEE PAGE 31-9)**
- 33. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET (4WD DRIVE TYPE) (SEE PAGE 31-9)**
- 34. INSTALL FRONT DRIVE SHAFT ASSY LH (SEE PAGE 30-21)**
- 35. INSTALL FRONT DRIVE SHAFT ASSY RH (SEE PAGE 30-21)**
- 36. INSTALL ENGINE ASSY W/ TRANSAXLE (SEE PAGE 14-24)**