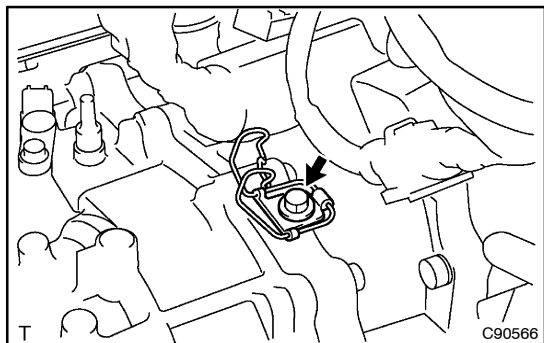


AUTOMATIC TRANSAXLE ASSY (1MZ-FE)

400G2-01

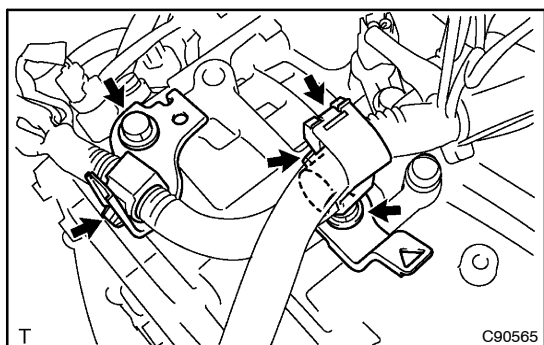
REPLACEMENT

1. REMOVE ENGINE ASSEMBLY WITH TRANSAXLE (See page 14-156)
2. REMOVE FRONT DRIVE SHAFT ASSY RH
(See page 30-8)
3. REMOVE FRONT DRIVE SHAFT ASSY LH
(See page 30-8)



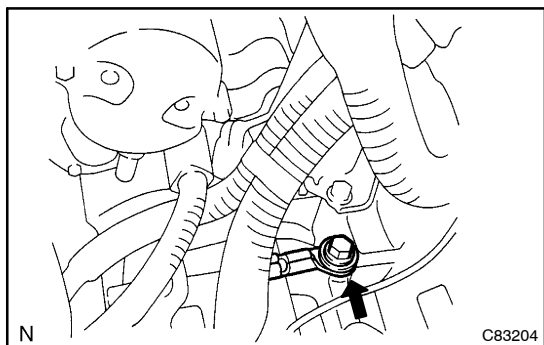
4. REMOVE TRANSMISSION CONTROL CABLE BRACKET NO.2

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



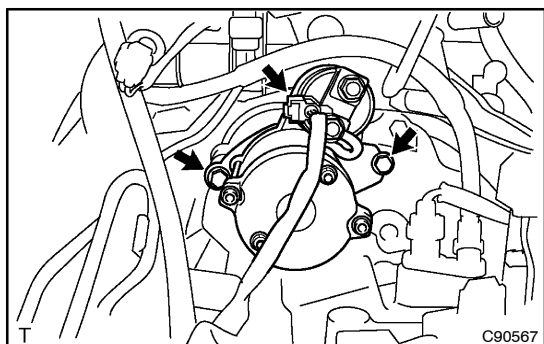
5. REMOVE WIRE HARNESS CLAMP

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



6. DISCONNECT WIRE HARNESS

- (a) Remove the bolt and wire harness.

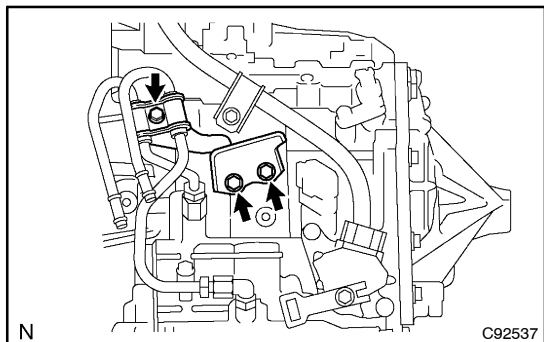


7. REMOVE STARTER ASSY

- (a) Disconnect the connector.
- (b) Remove the 2 bolts and starter assy.

8. DISCONNECT CONNECTOR

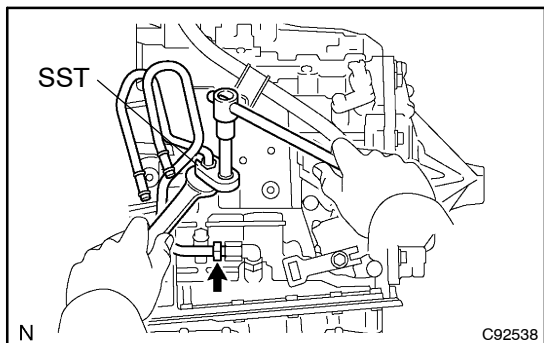
- (a) Disconnect the transmission wire connector.
- (b) Disconnect the park/neutral position switch connector.
- (c) Disconnect the 2 speed sensor connectors.

**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

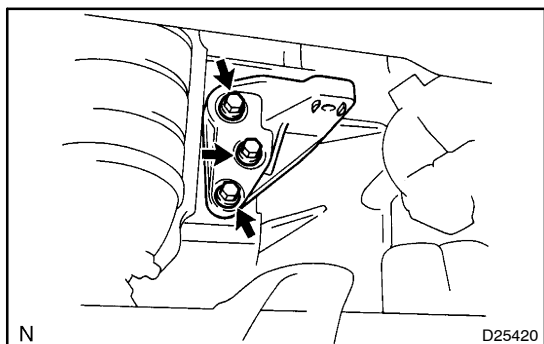
- (a) Remove the ATF level gauge.
- (b) Disconnect the wire harness clamp from the oil filler tube and remove the bolt and oil filler tube.
- (c) Remove the O-ring from the oil filler tube.

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

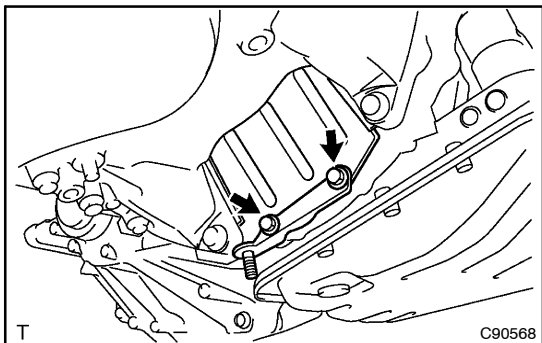
- (a) Using SST and spanner, disconnect the oil cooler inlet tube No.1.
SST 09023-12700

12. REMOVE OIL COOLER OUTLET TUBE NO.1

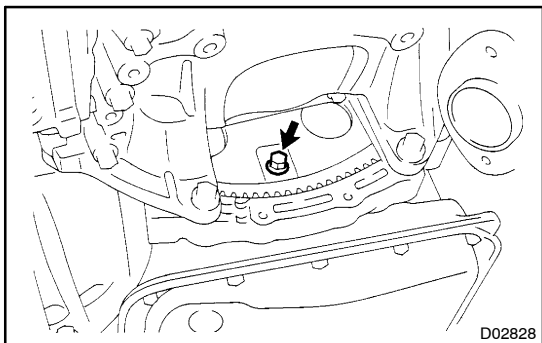
- (a) Using SST and spanner, disconnect the oil cooler outlet tube No.1.
SST 09023-12700

**13. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET**

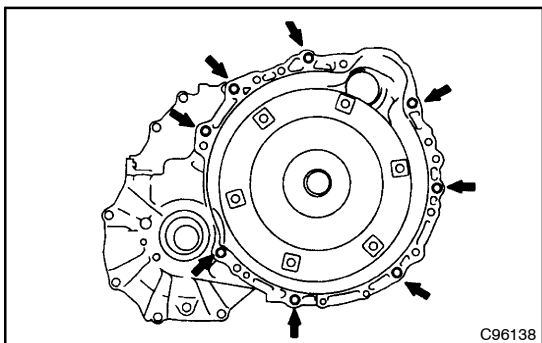
- (a) Remove the 3 bolts and engine mounting bracket FR.

**14. REMOVE FLYWHEEL HOUSING UNDER COVER**

- (a) Remove the 2 bolts and 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.



- (b) Remove the 3 bolts.

- (c) Separate and remove the automatic transaxle.

16. REMOVE TORQUE CONVERTER CLUTCH ASSY**17. INSPECT TORQUE CONVERTER CLUTCH ASSY**

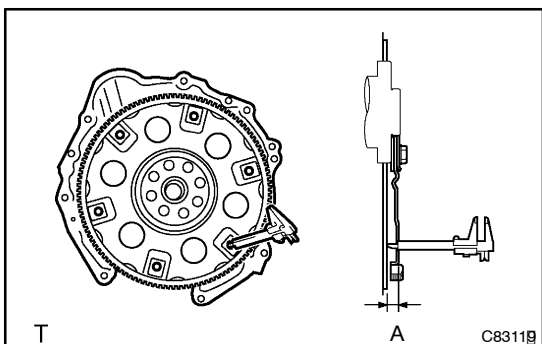
(See page 40-26)

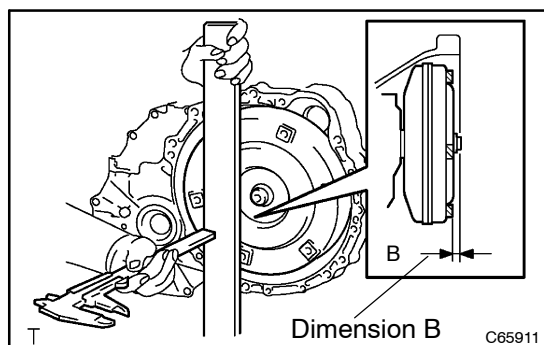
SST 09350-32014 (09351-32010, 09351-32020)

18. INSTALL TORQUE CONVERTER CLUTCH ASSY

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

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





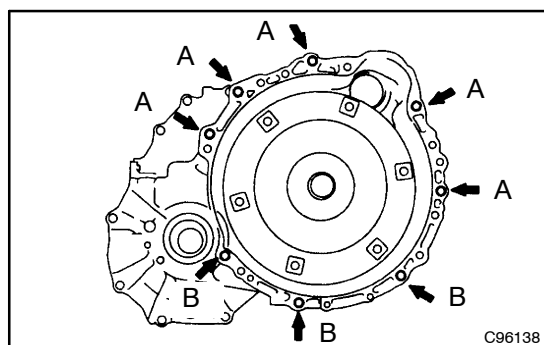
- (c) Using vernier calipers and a straight edge, measure the dimension "B" shown in the illustration and check that "B" is greater than "A" measured in (b).

Standard: A + 1 mm or more

NOTICE:

Do not add the thickness of straight edge.

19. INSTALL AUTOMATIC TRANSAXLE ASSY



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

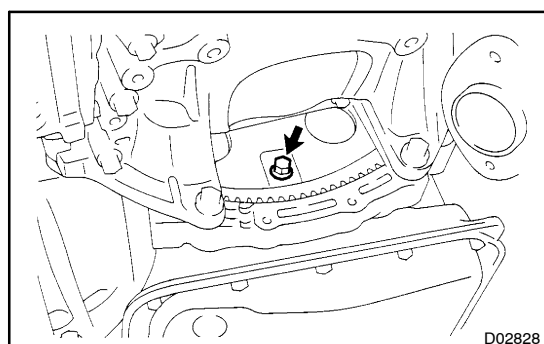
Torque:

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

Bolt B: 44 N·m (449 kgf·cm, 32 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, THREE BOND 1324 or equivalent

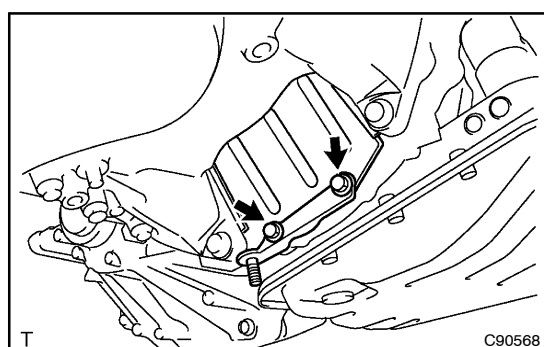


- (c) Install the 6 torque converter clutch mounting bolts.

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

HINT:

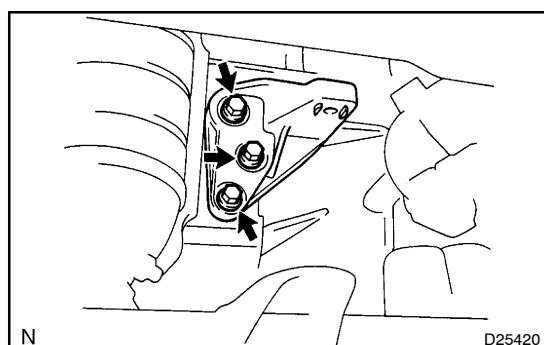
First install green colored bolt and then the 5 bolts.



20. INSTALL FLYWHEEL HOUSING UNDER COVER

- (a) Install the flywheel housing under cover and 2 bolts.

Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)



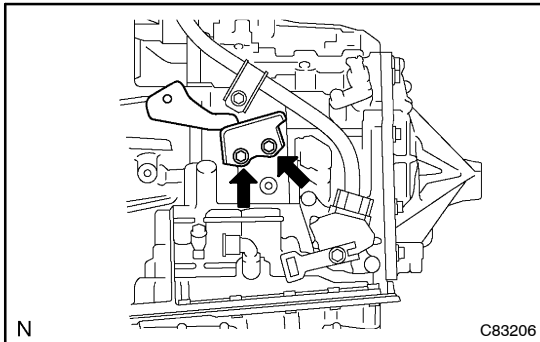
21. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

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

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

22. INSTALL TRANSMISSION OIL FILLER TUBE SUB-ASSY

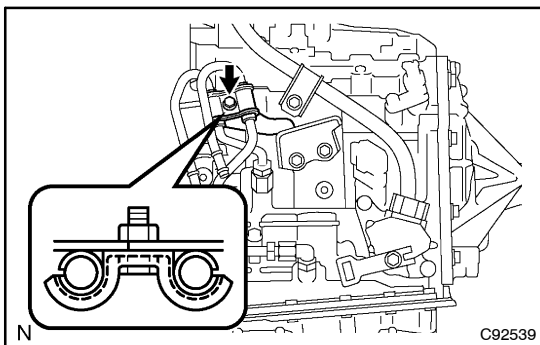
- (a) Coat a new O-ring with ATF, and install them to the oil filler tube.
- (b) Install the oil filler tube and bolt to the automatic transaxle.
Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)
- (c) Connect the wire harness clamp to the oil filler tube.
- (d) Install the ATF level gauge.

**23. INSTALL TRANSMISSION CONTROL CABLE BRACKET NO.1**

- (a) Install the control cable bracket No.1 and 2 bolts.
Torque: 11.8 N·m (122 kgf·cm, 9 ft·lbf)

24. INSTALL OIL COOLER INLET TUBE NO.1

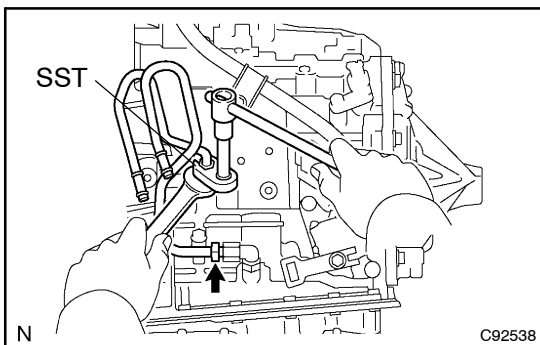
- (a) Temporarily install the oil cooler outlet tube No.1.
- (b) Temporarily install the oil cooler inlet tube No.1.



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

HINT:

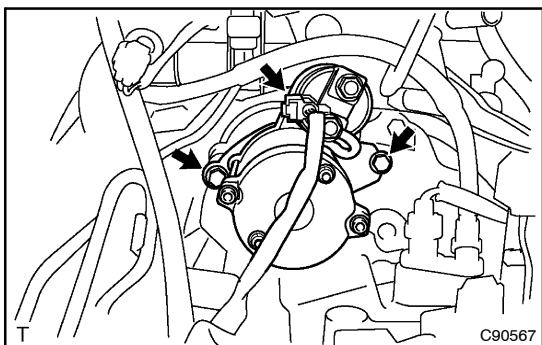
Install them so that the oil cooler tube cushion is positioned as being illustrated.



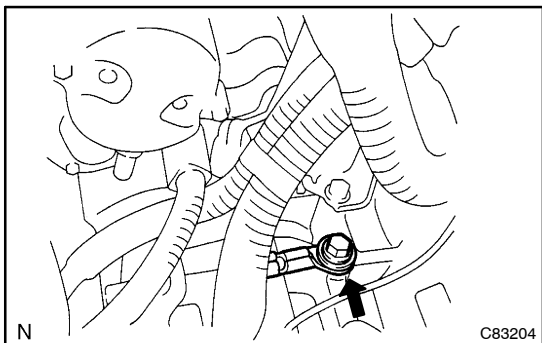
- (d) Using SST and spanner, tighten the oil cooler inlet tube No.1.
SST 09023-12700
Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)

25. INSTALL OIL COOLER OUTLET TUBE NO.1

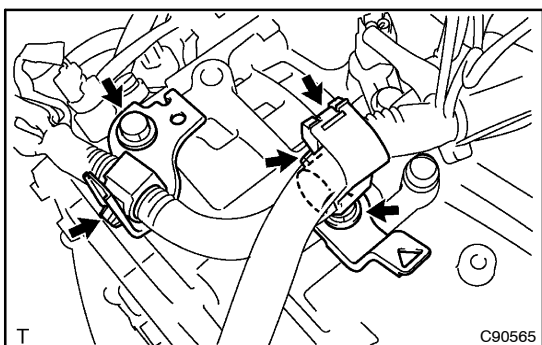
- (a) Using SST and spanner, tighten the oil cooler outlet tube No.1 .
SST 09023-12700
Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)

**26. INSTALL STARTER ASSY**

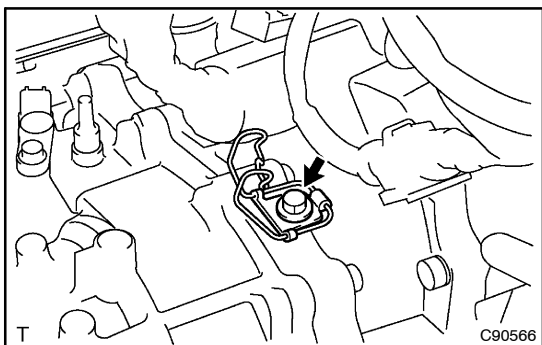
- (a) Install the starter assy and 2 bolts.
Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)
- (b) Connect the connector.

**27. INSTALL WIRE HARNESS**

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

**28. INSTALL WIRE HARNESS CLAMP**

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

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

- (a) Install the transmission control cable bracket No. 2 with the bolt.
Torque: 11.8 N·m (122 kgf·cm, 9 ft·lbf)

30. INSTALL FRONT DRIVE SHAFT ASSY LH

(See page 30-8)

31. INSTALL FRONT DRIVE SHAFT ASSY RH

(See page 30-8)

32. INSTALL ENGINE ASSEMBLY WITH TRANSAXLE (See page 14-156)