INSTALLATION

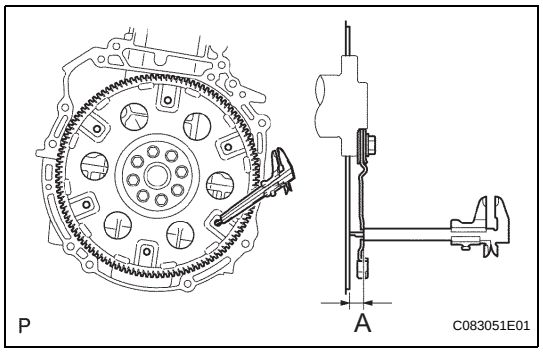
1. INSPECT TORQUE CONVERTER CLUTCH ASSEMBLY

(a) Inspect the torque converter (see page AX-152).

2. INSTALL TORQUE CONVERTER CLUTCH ASSEMBLY

(a) Install the torque converter clutch to the automatic transaxle.

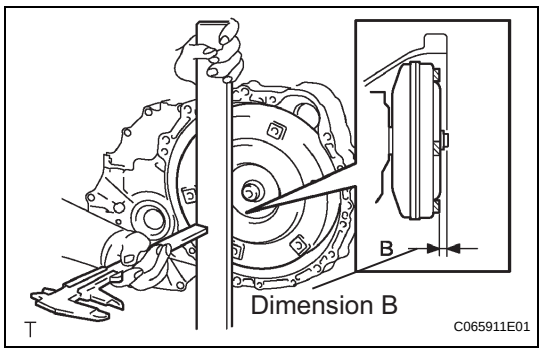
(b) Using a vernier caliper, measure dimension A between the transaxle and the end surface of the drive plate.



(c) Using a vernier caliper and straightedge, measure the dimension B shown in the illustration and check that B is greater than A.

Standard dimension:

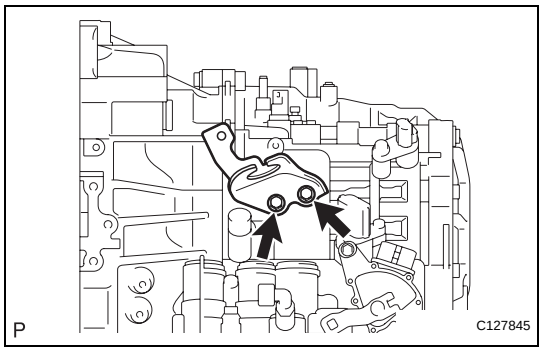
A + 1.0 mm (0.039 in.) or more



3. INSTALL NO. 1 TRANSMISSION CONTROL CABLE BRACKET

(a) Install the cable bracket with the 2 bolts.

Torque: 12 N*m (122 kgf*cm, 9 ft.*lbf)

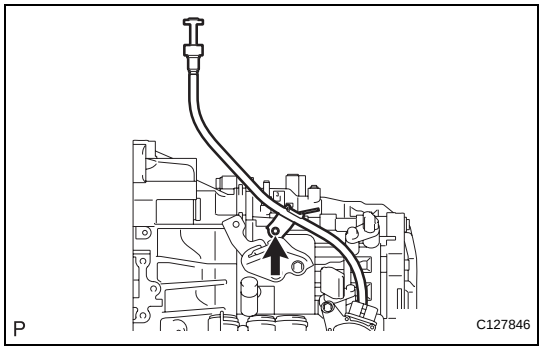


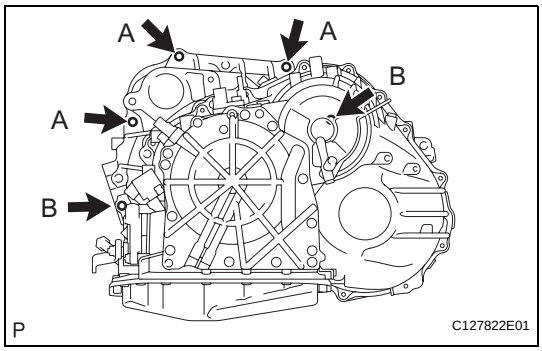
4. INSTALL TRANSMISSION OIL FILLER TUBE SUB-ASSEMBLY

(a) Install the filler tube with the bolt.

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

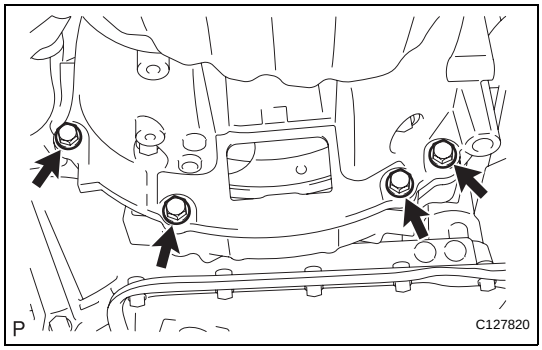
(b) Install the ATF dipstick.



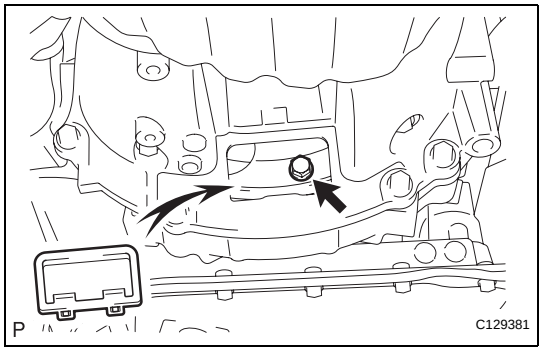


5. INSTALL AUTOMATIC TRANSAXLE ASSEMBLY

(a) Install the automatic transaxle with the 5 upper side mounting bolts to the engine.
Torque: 64 N*m (653 kgf*cm, 47 ft.*lbf) for bolt A
46 N*m (469 kgf*cm, 34 ft.*lbf) for bolt B

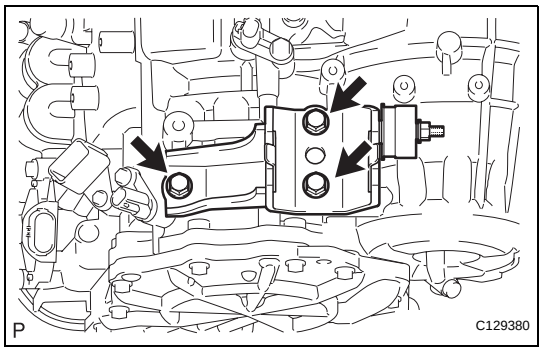


(b) Install the 4 lower side mounting bolts.
Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)



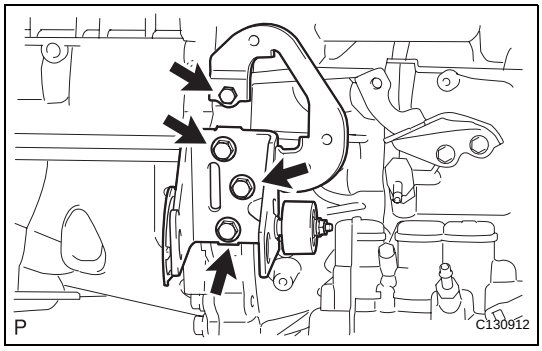
(c) Install the 6 torque converter clutch mounting bolts.
Torque: 41 N*m (418 kgf*cm, 30 ft.*lbf)
HINT:
First install the green colored bolt and then the 5 bolts.

(d) Install the flywheel housing under cover.



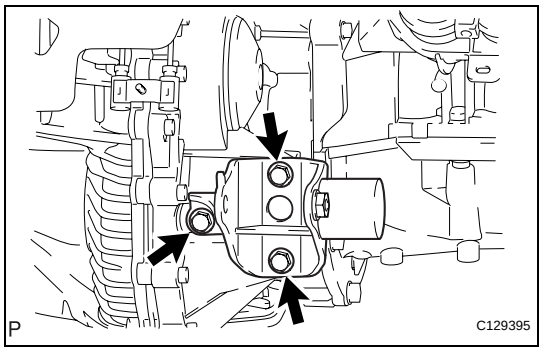
6. INSTALL ENGINE MOUNTING BRACKET LH

(a) Install the mounting bracket with the 3 bolts.
Torque: 64 N*m (653 kgf*cm, 47 ft.*lbf)



7. INSTALL ENGINE MOUNTING BRACKET FR

(a) Install the mounting bracket with the 4 bolts.
Torque: 64 N*m (657 kgf*cm, 47 ft.*lbf) for 14 mm head bolt
12 N*m (122 kgf*cm, 9 ft.*lbf) for 12 mm head bolt

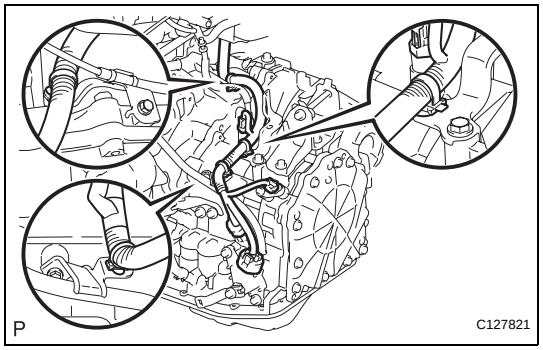


8. INSTALL ENGINE MOUNTING BRACKET RR

(a) Install the mounting bracket with the 3 bolts.
Torque: 45 N*m (459 kgf*cm, 33 ft.*lbf)

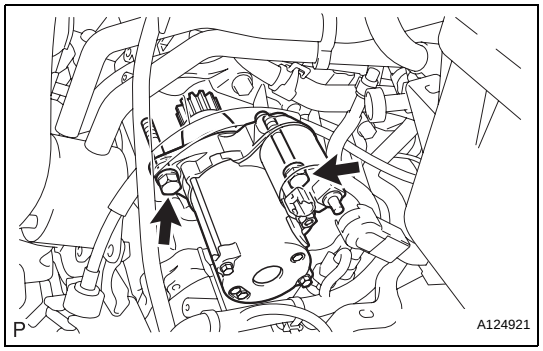
9. INSTALL TRANSMISSION OIL COOLER

(a) Install the oil cooler (see page AX-127).



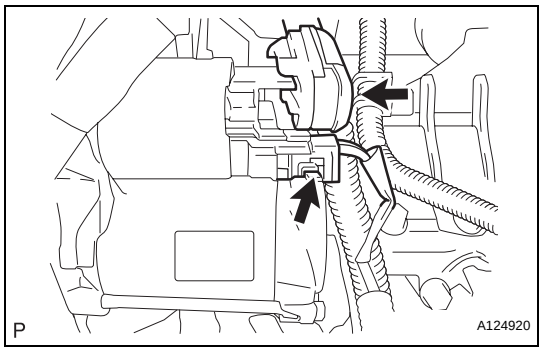
10. CONNECT WIRE HARNESS

(a) Connect the wire harness clamps.
(b) Connect the speed sensor connectors.
(c) Connect the transaxle wire connector.
(d) Connect the park/neutral position switch connector.



11. INSTALL STARTER ASSEMBLY

(a) Install the starter with the 2 bolts.
Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)



(b) Connect the starter wire with the nut.
Torque: 13 N*m (133 kgf*cm, 10 ft.*lbf)
(c) Connect the starter connector.
(d) Install the terminal nut and cover the nut with the cap.
Torque: 9.8 N*m (100 kgf*cm, 7 in.*lbf)

12. INSTALL ENGINE ASSEMBLY WITH TRANSAXLE

(a) Install the engine with transaxle (see page EM-105).

13. ADD AUTOMATIC TRANSAXLE FLUID
Fluid type:
Toyota Genuine ATF WS

14. INSPECT AUTOMATIC TRANSAXLE FLUID

(a) Inspect the automatic transaxle fluid (see page AX-102).

15. PERFORM RESET MEMORY

(a) Perform the RESET MEMORY procedures (A/T initialization) (see page AX-18).