

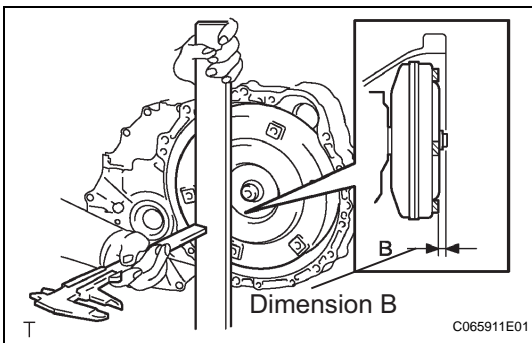
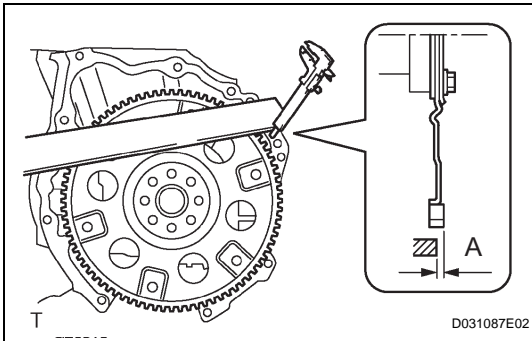
## INSTALLATION

### 1. INSPECT TORQUE CONVERTER CLUTCH ASSEMBLY

- (a) Inspect the torque converter clutch (see page [AX-178](#)).

### 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 end surface of the drive plate.



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

**Standard dimension:**

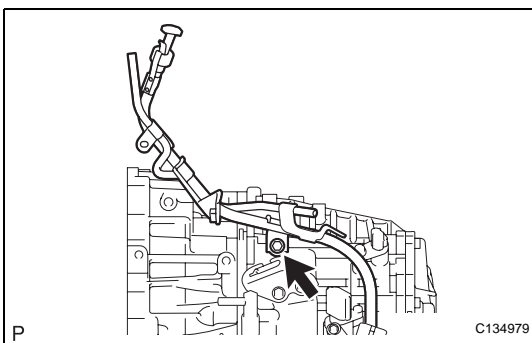
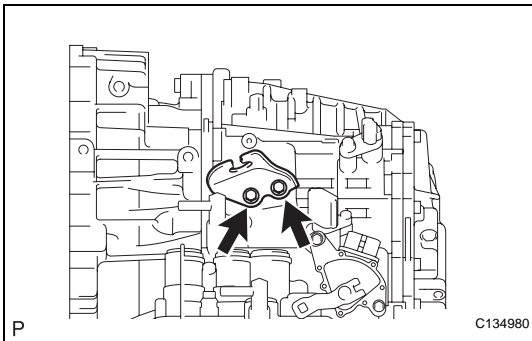
**A + 1.0 mm (0.039 in.) or more**

### 3. INSTALL AUTOMATIC TRANSMISSION CASE PROTECTOR

- (a) Install the protector with the 2 bolts.  
**Torque: 23 N\*m (235 kgf\*cm, 17 ft.\*lbf)**

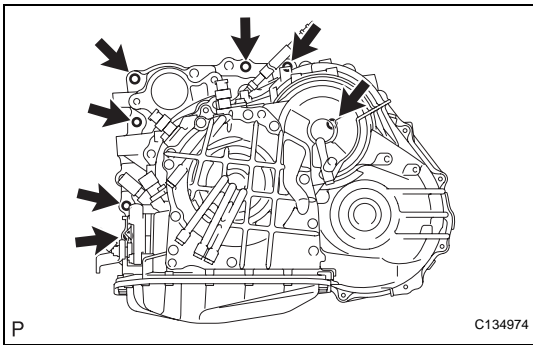
### 4. INSTALL NO. 1 TRANSMISSION CONTROL CABLE BRACKET

- (a) Install the cable bracket with the 2 bolts.  
**Torque: 12 N\*m (122 kgf\*cm, 9 ft.\*lbf)**



### 5. INSTALL TRANSMISSION OIL FILLER TUBE SUB-ASSEMBLY

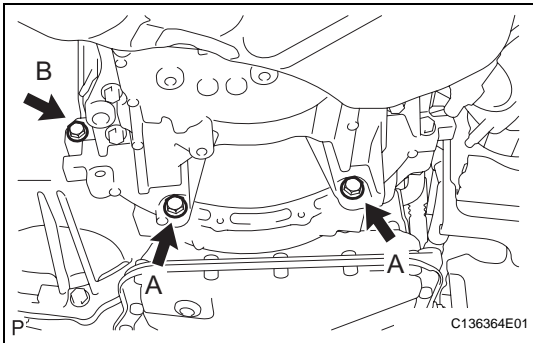
- (a) Install the filler tube with the bolt.  
**Torque: 5.5 N\*m (56 kgf\*cm, 49 in.\*lbf)**
- (b) Install the ATF dipstick.



**6. INSTALL AUTOMATIC TRANSAXLE ASSEMBLY**

- (a) Install the automatic transaxle to the engine with the 7 upper side mounting bolts.

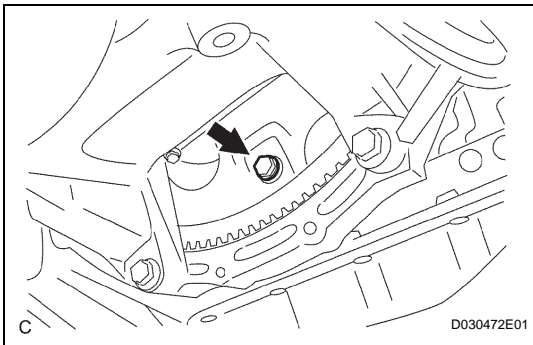
**Torque: 64 N\*m (653 kgf\*cm, 47 ft.\*lbf)**



- (b) Install the 3 lower side mounting bolts.

**Torque: 37 N\*m (377 kgf\*cm, 27 ft.\*lbf) for bolt A**

**46 N\*m (469 kgf\*cm, 34 ft.\*lbf) for bolt B**

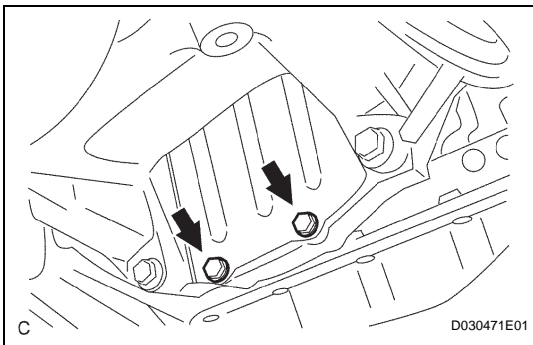


- (c) Install the 6 torque converter clutch mounting bolts.

**Torque: 41 N\*m (418 kgf\*cm, 30 ft.\*lbf)**

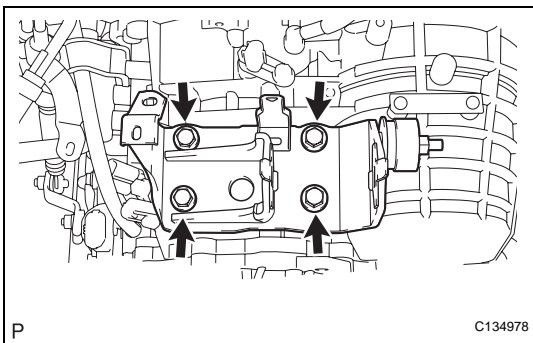
**HINT:**

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



- (d) Install the flywheel housing under cover with the 2 bolts.

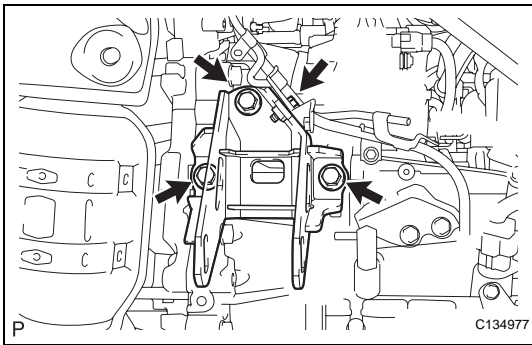
**Torque: 7.8 N\*m (80 kgf\*cm, 69 in.\*lbf)**



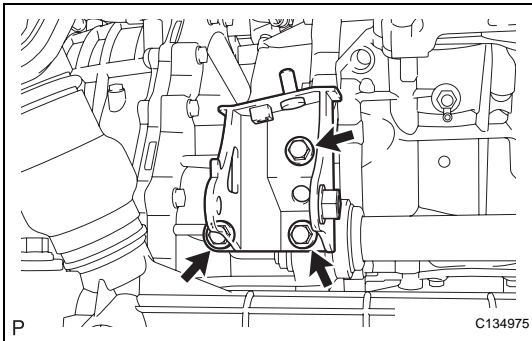
**7. INSTALL ENGINE MOUNTING BRACKET LH**

- (a) Install the mounting bracket with the 4 bolts.

**Torque: 64 N\*m (653 kgf\*cm, 47 ft.\*lbf)**

**8. INSTALL FRONT ENGINE MOUNTING BRACKET**

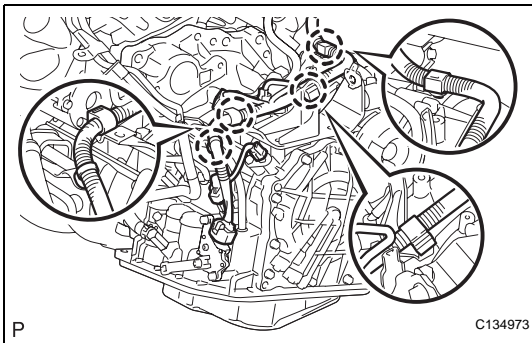
- (a) Install the mounting bracket with the 4 bolts.

**Torque: 64 N\*m (657 kgf\*cm, 47 ft.\*lbf)****Torque: 5.5 N\*m (56 kgf\*cm, 49 in.\*lbf) for filler tube bolt****9. INSTALL REAR ENGINE MOUNTING BRACKET**

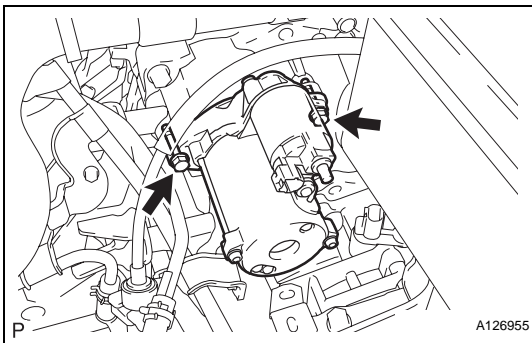
- (a) Install the mounting bracket with the 3 bolts.

**Torque: 45 N\*m (459 kgf\*cm, 33 ft.\*lbf)****10. INSTALL TRANSMISSION OIL COOLER HOSES AND TUBE**

- (a) Install the transmission oil cooler hoses and tube (see page
- [AX-152](#)
- ).

**11. CONNECT WIRE HARNESS**

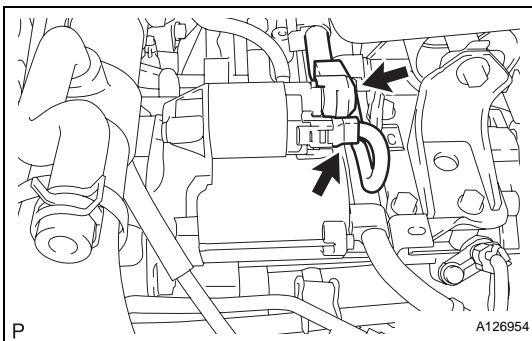
- (a) Connect the wire harness clamps.
- (b) Connect the 2 speed sensor connectors.
- (c) Connect the transaxle wire connector.
- (d) Connect the park/neutral position switch connector.

**12. 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 connector.



- (c) Install the terminal nut and cover the nut with the cap.

**Torque: 9.8 N\*m (100 kgf\*cm, 88 in.\*lbf)****13. INSTALL ENGINE ASSEMBLY WITH TRANSAXLE**

- (a) Install the engine with transaxle (see page
- [EM-31](#)
- ).

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

**15. INSPECT AUTOMATIC TRANSAXLE FLUID**

- (a) Inspect the automatic transaxle fluid (see page [AX-126](#)).

**16. PERFORM RESET MEMORY**

- (a) Perform the RESET MEMORY procedures (A/T initialization) (see page [AX-20](#)).