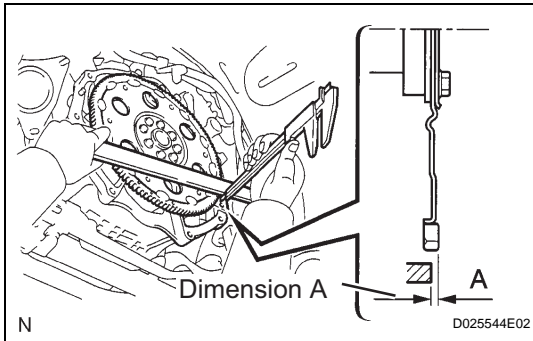


## INSTALLATION

### 1. INSPECT TORQUE CONVERTER CLUTCH ASSEMBLY (See page AT-166)

### 2. INSTALL TORQUE CONVERTER CLUTCH ASSEMBLY

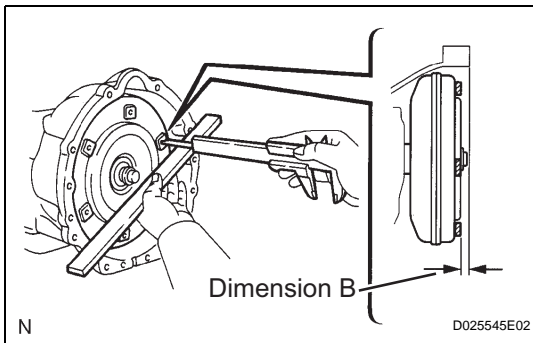
- Install the torque converter clutch onto the automatic transmission.
- Using calipers and a straight edge, measure dimension A, between the engine and the end surface of the drive plate, as shown in the illustration.



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

#### Standard:

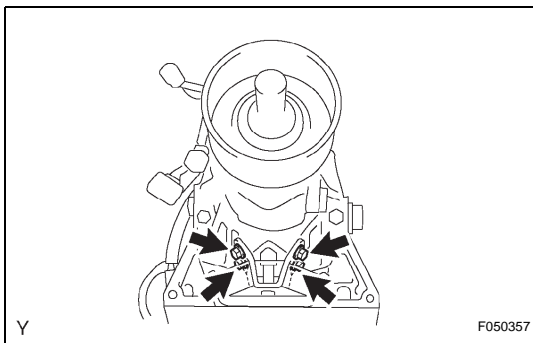
**A + 1 mm or more**



### 3. INSTALL REAR NO.1 ENGINE MOUNTING INSULATOR

- Install the engine mounting insulator rear onto the automatic transmission with the 4 bolts.

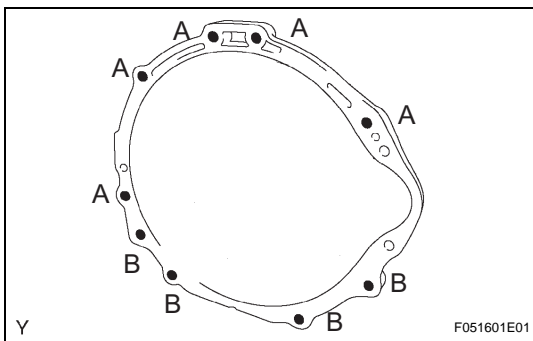
**Torque: 65 N\*m (663 kgf\*cm, 48 ft.\*lbf)**

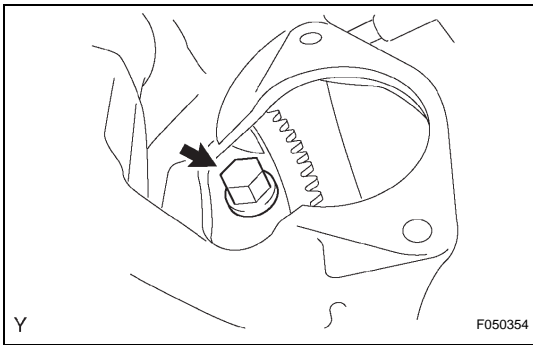


### 4. INSTALL AUTOMATIC TRANSMISSION ASSEMBLY

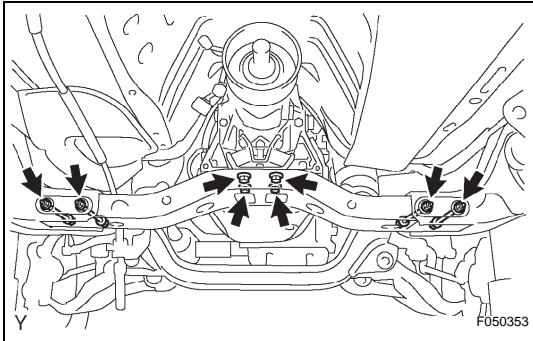
- Install the automatic transmission onto the engine with the 9 bolts.

**Torque: 71 N\*m (720 kgf\*cm, 53 ft.\*lbf) for bolt A**  
**37 N\*m (380 kgf\*cm, 27 ft.\*lbf) for bolt B**



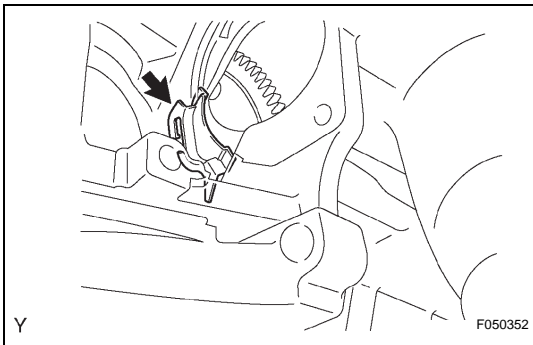


- (b) Install the 6 torque converter clutch mounting bolts.  
**Torque: 48 N\*m (489 kgf\*cm, 35 ft.\*lbf)**  
**HINT:**  
 First install the black bolt and then the other 5 bolts.



#### 5. INSTALL NO.3 FRAME CROSSMEMBER SUB-ASSEMBLY

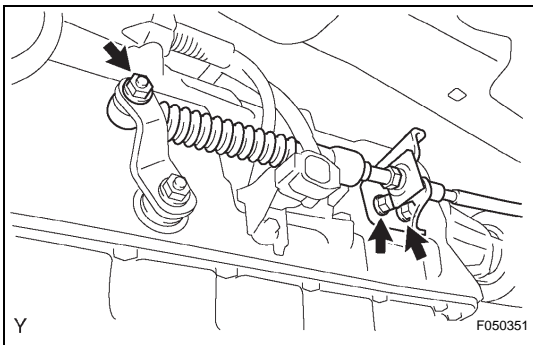
- (a) Install the frame crossmember sub-assembly No. 3 with the 4 bolts and 4 nuts.  
**Torque: 40 N\*m (408 kgf\*cm, 30 ft.\*lbf)**  
 (b) Install the frame crossmember sub-assembly No. 3 with the 4 bolts.  
**Torque: 19 N\*m (189 kgf\*cm, 14 ft.\*lbf)**



#### 6. INSTALL FLYWHEEL HOUSING SIDE COVER

- (a) Install the flywheel housing side cover onto the cylinder block.

#### 7. INSTALL STARTER ASSEMBLY (See page [ST-11](#))

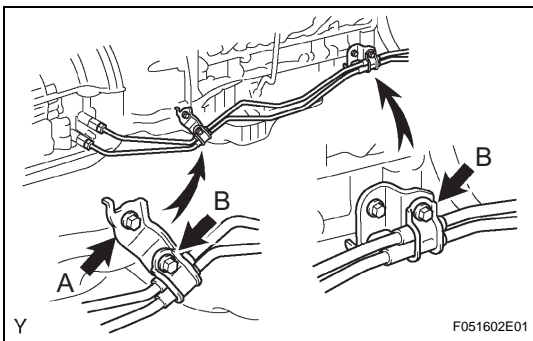


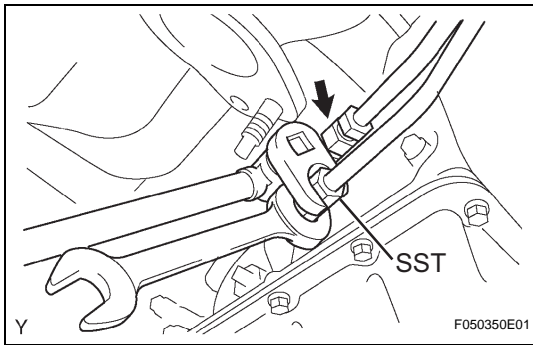
#### 8. INSTALL TRANSMISSION CONTROL CABLE ASSEMBLY

- (a) Install the transmission control cable bracket No. 1 with the 2 bolts.  
**Torque: 28 N\*m (286 kgf\*cm, 21 ft.\*lbf)**  
 (b) Connect the transmission control cable with the nut.  
**Torque: 14 N\*m (143 kgf\*cm, 10 ft.\*lbf)**

#### 9. INSTALL NO.1 OIL COOLER OUTLET TUBE

- (a) Provisionally install the oil cooler outlet tube No. 1.  
 (b) Provisionally install the oil cooler inlet tube No. 1.  
 (c) Install the 2 clamps and 3 bolts.  
**Torque: 12 N\*m (122 kgf\*cm, 9 ft.\*lbf) for bolt A**  
**5.0 N\*m (50 kgf\*cm, 43 in.\*lbf) for bolt B**

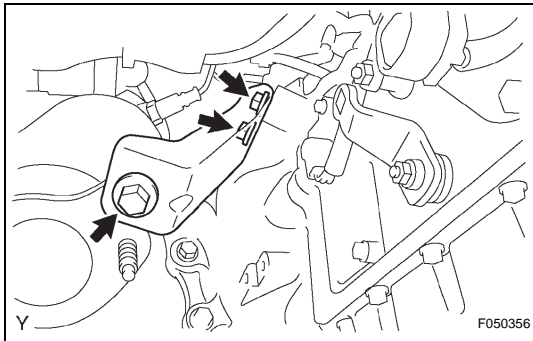




- (d) Using SST, tighten the oil cooler outlet tube No. 1.  
**SST 09023-12701**  
**Torque: 34 N\*m (350 kgf\*cm, 25 ft.\*lbf)**

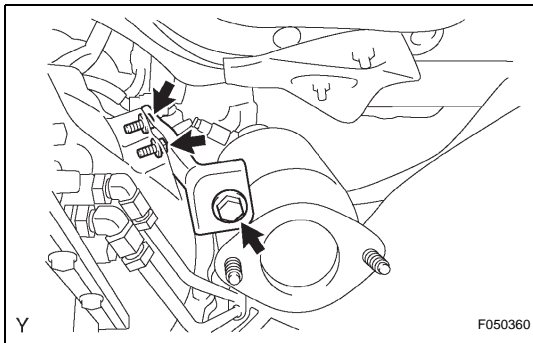
**10. INSTALL NO.1 OIL COOLER INLET TUBE**

- (a) Using SST, tighten the oil cooler inlet tube No. 1.  
**SST 09023-12701**  
**Torque: 34 N\*m (350 kgf\*cm, 25 ft.\*lbf)**



**11. INSTALL NO.2 MANIFOLD STAY**

- (a) Install manifold stay No. 2 with the 3 bolts.  
**Torque: 40 N\*m (408 kgf\*cm, 30 ft.\*lbf)**



**12. INSTALL MANIFOLD STAY**

- (a) Install the manifold stay with the 3 bolts.  
**Torque: 40 N\*m (408 kgf\*cm, 30 ft.\*lbf)**

**13. INSTALL PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY (See page [PR-32](#))**

**14. INSTALL EXHAUST PIPE**

- (See page [EX-3](#))

**15. INSTALL OXYGEN SENSOR**

**16. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

- Torque: 3.9 N\*m (40 kgf\*cm, 35 in.\*lbf)**

**17. PERFORM INITIALIZATION**

- (See page [AT-17](#))

**18. ADD AUTOMATIC TRANSMISSION FLUID**

- (See page [AT-135](#))

**19. INSPECT SHIFT LEVER POSITION (See page [AT-155](#))**

**20. CHECK FOR EXHAUST GAS LEAKAGE**

**21. INSTALL NO. 2 ENGINE UNDER COVER (w/ No. 2 Engine Under Cover)**

**22. INSTALL NO. 1 ENGINE UNDER COVER SUB-ASSEMBLY**