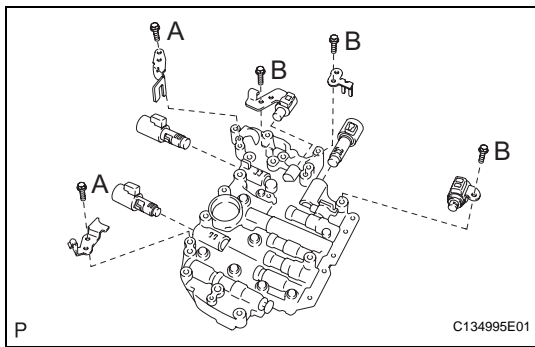AX

INSTALLATION

1. INSTALL TRANSMISSION VALVE BODY ASSEMBLY

(a) Install the 5 shift solenoid valves with the 5 bolts and 4 plates.

Torque: 6.6 N*m (67 kgf*cm, 58 in.*lbf) for bolt A
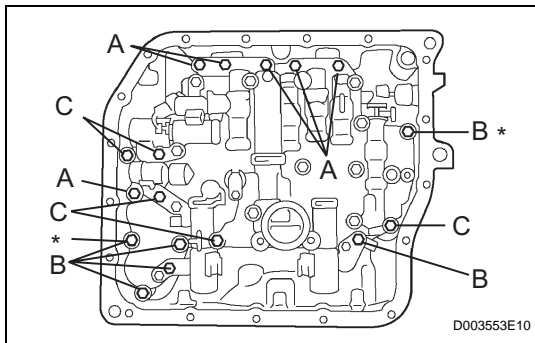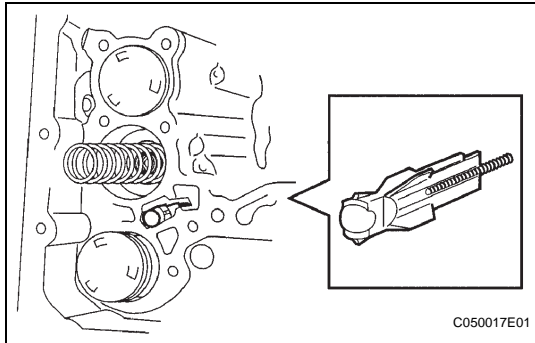**11 N*m (112 kgf*cm, 8 ft.*lbf) for bolt B**

HINT:

Each bolt length is indicated below.

Bolt length:
12 mm (0.47 in.) for Bolt A
45 mm (1.77 in.) for Bolt B

(b) Install the spring and check ball body.

(c) Align the groove of the manual valve with the pin of lever.

(d) Install the 17 bolts.

Torque: 11 N*m (112 kgf*cm, 8 ft.*lbf)

NOTICE:
• **Push the valve body against the accumulator piston spring and the check ball body to install it.**
• **Tighten the bolts marked by * in the illustration first temporarily because they are positioning bolts.**

HINT:

Each bolt length is indicated below.

Bolt length:
25 mm (0.984 in.) for Bolt A
41 mm (1.614 in.) for Bolt B
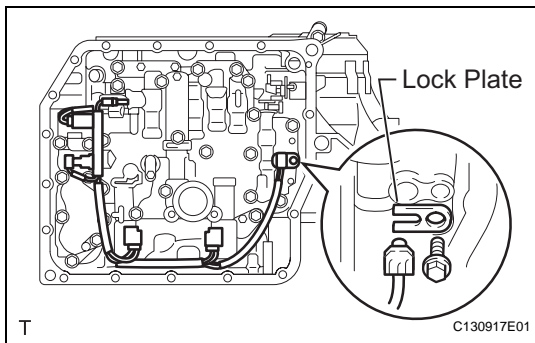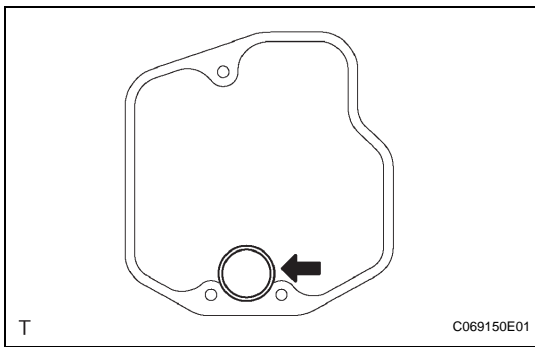**45 mm (1.771 in.) for Bolt C**

2. INSTALL TRANSMISSION WIRE

(a) Coat the O-ring with ATF.

(b) Install the ATF temperature sensor with the lock plate and bolt.
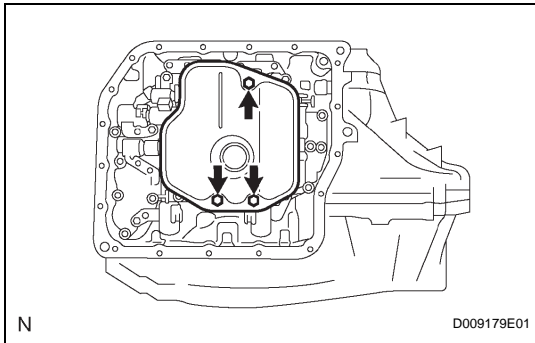
Torque: 6.6 N*m (67 kgf*cm, 58 in.*lbf)
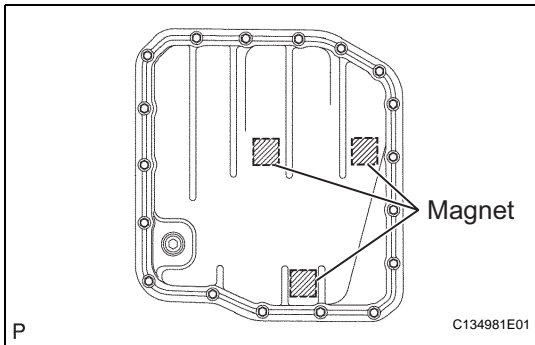
(c) Connect the 5 shift solenoid valve connectors.

AX

3. INSTALL VALVE BODY OIL STRAINER ASSEMBLY
(a) Coat a new O-ring with ATF.
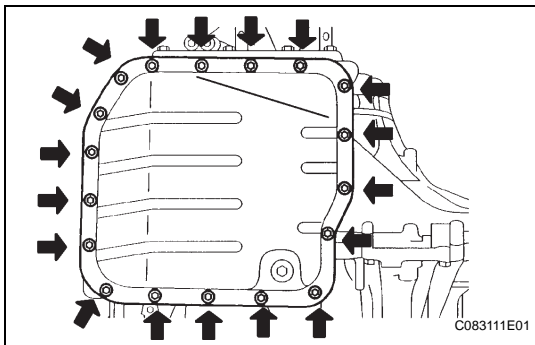(b) Install the O-ring to the oil strainer.

(c) Install the oil strainer with the 3 bolts.
Torque: 11 N*m (112 kgf*cm, 8 ft.*lbf)

4. INSTALL AUTOMATIC TRANSAXLE OIL PAN SUB-ASSEMBLY
(a) Install the 3 magnets in the oil pan.

Magnet

(b) Install a new gasket, oil pan with the 18 bolts.
Torque: 7.6 N*m (77 kgf*cm, 67 in.*lbf)

5. INSTALL NO. 1 ENGINE UNDER COVER

6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

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

8. INSPECT TRANSAXLE FLUID LEVEL
(a) Inspect the fluid level (see page).

9. PERFORM RESET MEMORY
(a) Perform the RESET MEMORY procedures (A/T initialization) (see page).