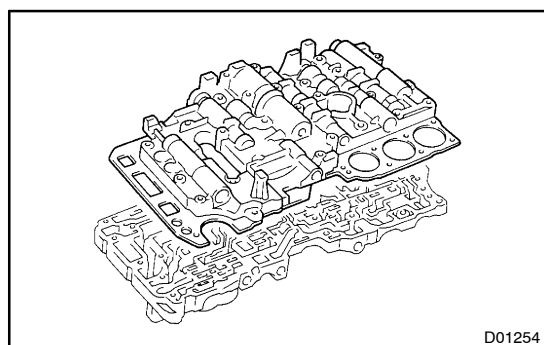


REASSEMBLY

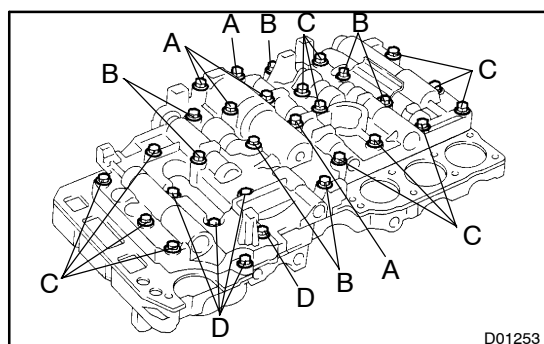
1. INSTALL PLATE ON UPPER VALVE BODY

- (a) Align the plate with each bolt hole and install the 2 screws.
- (b) Install the 2 strainers.



2. PLACE UPPER VALVE BODY WITH PLATE ON TOP OF NO. 1 LOWER VALVE BODY

- (a) Install the spring and check valve.
- (b) Align the plate in the valve body with each bolt hole.



3. INSTALL UPPER VALVE BODY TO NO. 1 LOWER VALVE BODY WITH 30 BOLTS

Install the plate from the upper valve body.

Torque: 6.4 N·m (65 kgf·cm, 56 in·lbf)

HINT:

Each bolts length is indicated below.

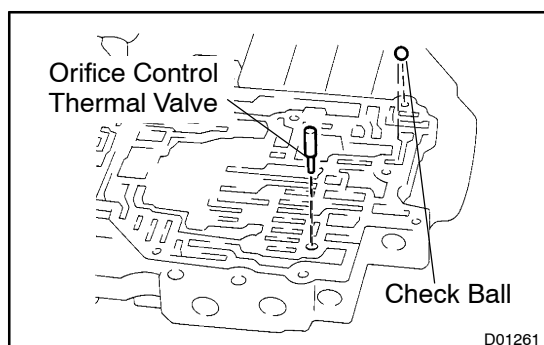
Bolt length:

Bolt A: 40 mm (1.575 in.)

Bolt B: 35 mm (1.378 in.)

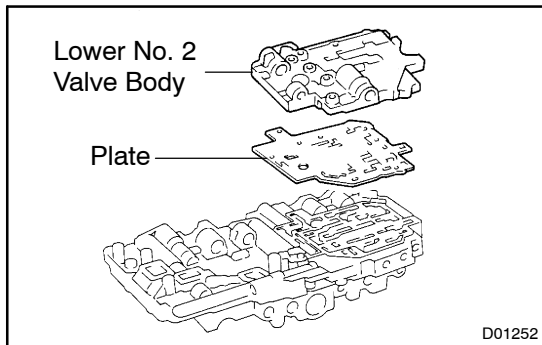
Bolt C: 28 mm (1.102 in.)

Bolt D: 20 mm (0.787 in.)

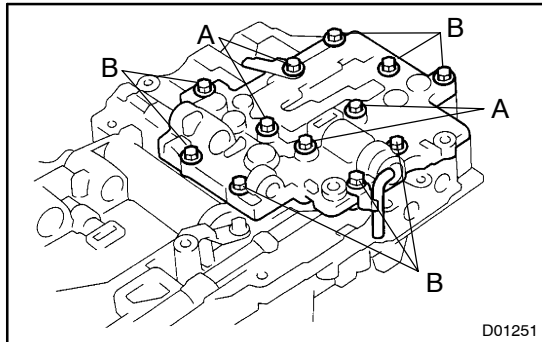


4. INSTALL THE LOWER NO. 2 VALVE BODY AND PLATE TO LOWER NO. 1 VALVE BODY

- (a) Install the check ball and orifice control thermal valve.
- (b) Install the strainer.



- (c) Align the holes of lower No. 2 valve body with those of plate and place them on the lower No. 1 valve body with aligning all the holes.



- (d) Install the 12 bolts. 2 of them are attached to the oil cooler pipe and clamp. So install them all together.

Torque: 6.4 N·m (65 kgf·cm, 56 in·lbf)

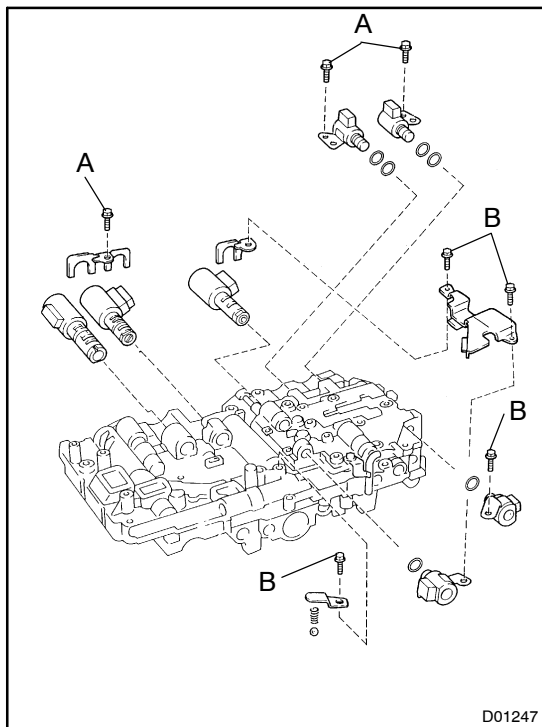
HINT:

Each bolts length is indicated below.

Bolt length:

Bolt A: 28 mm (1.102 in.)

Bolt B: 20 mm (0.787 in.)



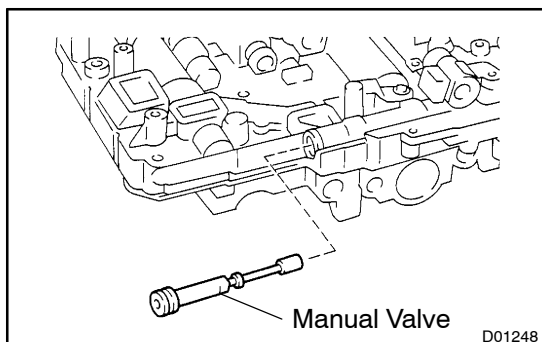
5. INSTALL 7 SOLENOIDS

- Coat 6 new O-rings with ATF and install them on the shift solenoid No. 1, No. 2, No. 3 and No. 4.
- Install the shift solenoid valve S1 and the bolt.
- Install the shift solenoid valve S3 with the bolt.
- Install the shift solenoid valve S2 with the bolt.
- Install the shift solenoid valve S4.
- Install the shift solenoid valve SLN, and No. 1 solenoid lock plate.
- Install the oil guide plate with the 2 bolts.
- Install the shift solenoid valve SLU, SLT, and No. 2 solenoid lock plate with the bolt.
- Install the ball, spring, pressure relief valve spring seat and bolt.

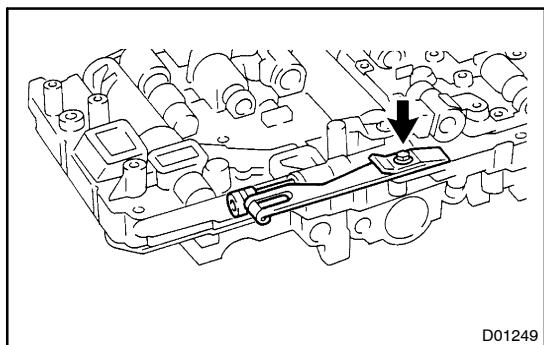
Torque:

Bolt A: 6.4 N·m (65 kgf·cm, 56 in·lbf)

Bolt B: 9.8 N·m (100 kgf·cm, 7 ft·lbf)



6. INSTALL MANUAL VALVE



7. **INSTALL DETENT SPRING AND SPRING PLATE**
Torque: 9.8 N·m (100 kgf·cm, 7 ft·lbf)
8. **MAKE SURE MANUAL VALVE MOVES SMOOTHLY**