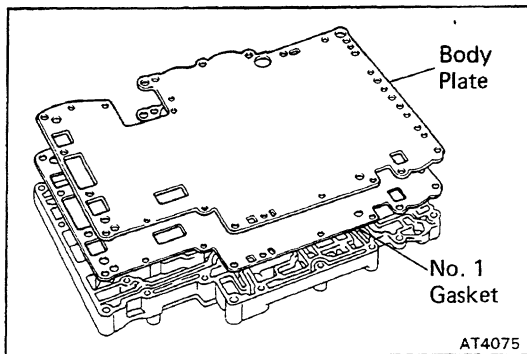
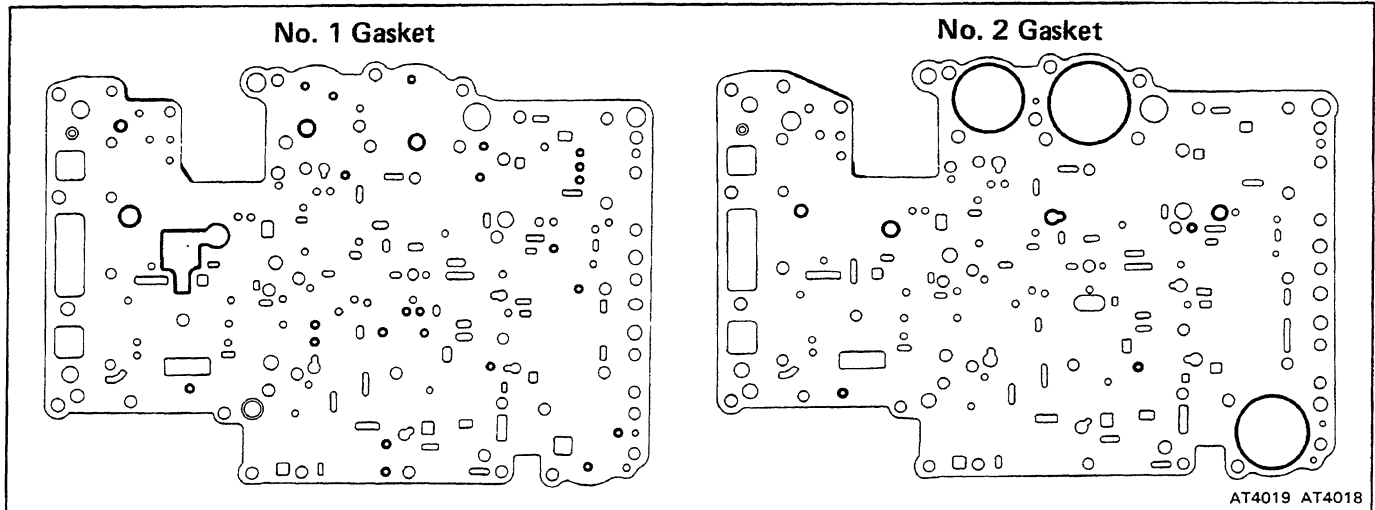


(Assembly of Valve Body)

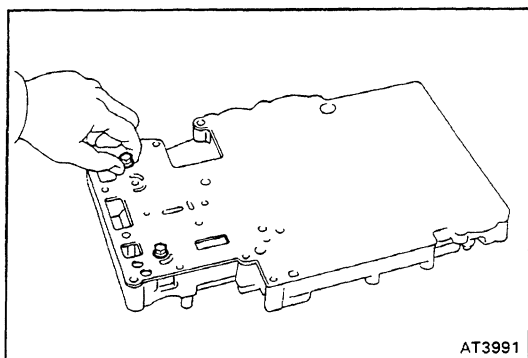
(See page [AT-103](#))

1. INSTALL VALVE BODY PLATE

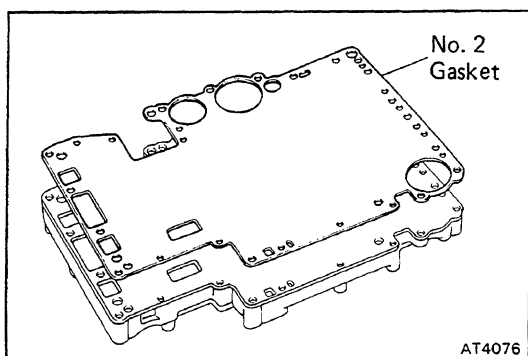
HINT: Since No.1 and No.2 gaskets look similar, use the illustrations below to differentiate them.



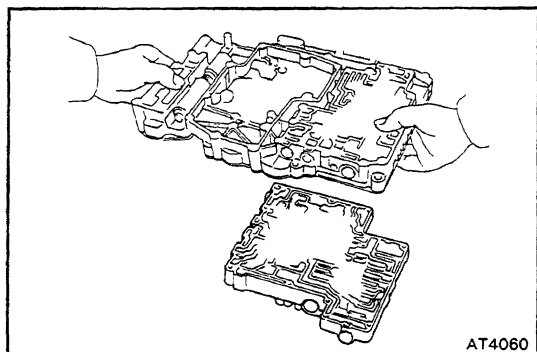
- (a) Place a new No. 1 gasket and the body plate on the lower valve body.



- (b) Temporarily secure the body plate with the two bolts.
HINT: Use the two bolts for the oil tube clamp.

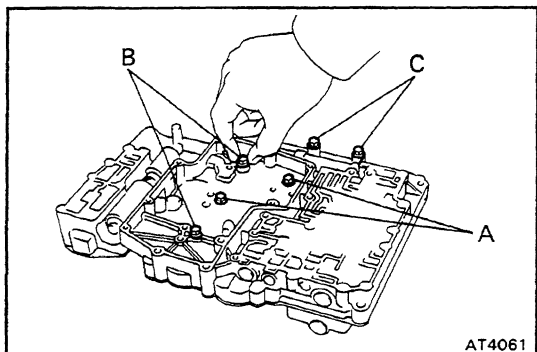


- (c) Place a new No. 2 gasket on the body plate.



2. INSTALL REAR UPPER VALVE BODY

(a) Place the valve body on the rear upper valve body.

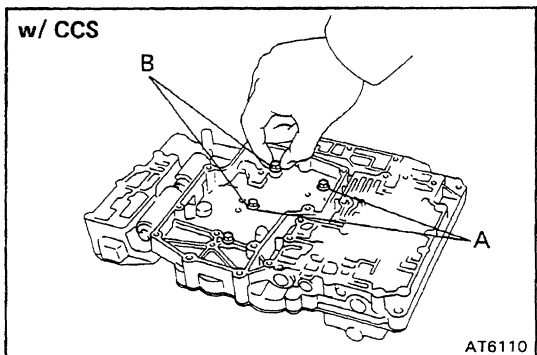


(b) Temporarily install the six wave washers and bolts.
HINT: Each bolt length mm (in.) is indicated in the figure.

Bolt length: A 29.5 mm (1.161 in.)

B 35 mm (1.38 in.)

C 44 mm (1.73 in.)

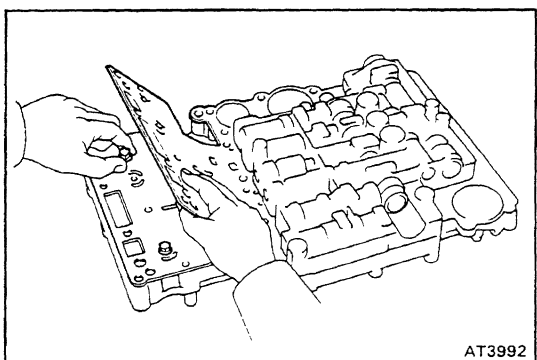


(w/ Cruise Control System)

Temporarily install the four wave washers and the bolts.
HINT: Each bolt length mm (in.) is indicated in the figure.

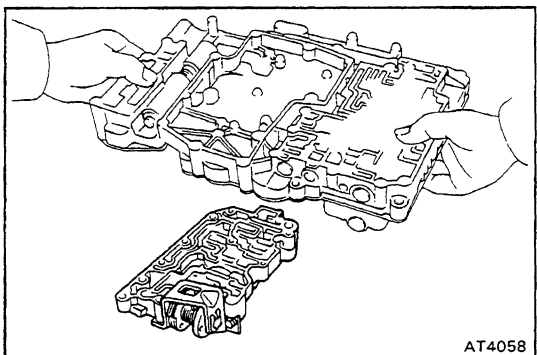
Bolt length: A 29.5 mm (1.161 in.)

B 35 mm (1.38 in.)

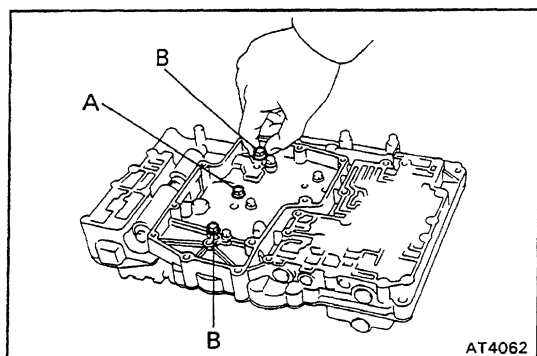


3. INSTALL FRONT UPPER VALVE BODY

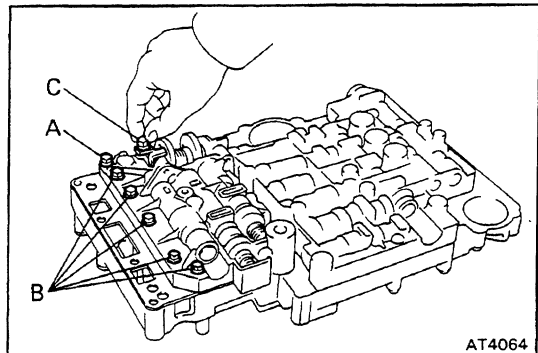
(a) Remove the two temporarily installed bolts.



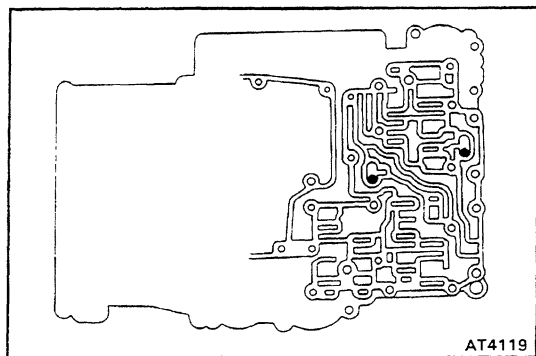
(b) Place the lower valve body on the front upper valve body.



- (c) Temporarily install the three wave washers and bolts.
 HINT: Each bolt length mm (in.) is indicated in the figure.
 Bolt length A 29.5 mm (1.161 in.)
 B 35 mm (1.38 in.)



- (d) Turn over the valve body assembly.
 (e) Temporarily install the seven wave washers and the bolts.
 HINT: Each bolt length mm (in.) is indicated in the figure.
 Bolt length A 25 mm (0.98 in.)
 B 29.5 mm (1.161 in.)
 C 39 mm (1.54 in.)



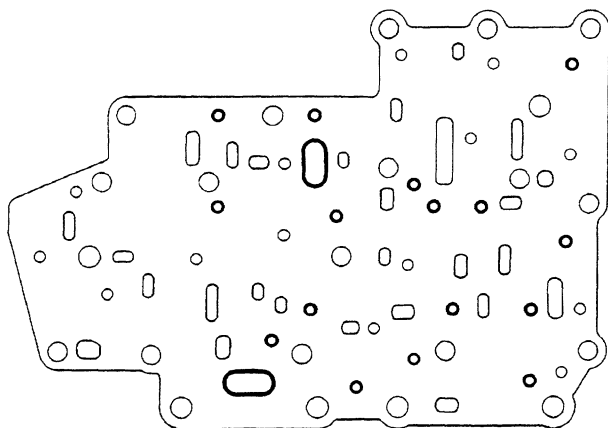
4. INSTALL CHECK BALLS

- (a) Turn over the valve body assembly.
 (b) Install the two check balls into the lower valve body.

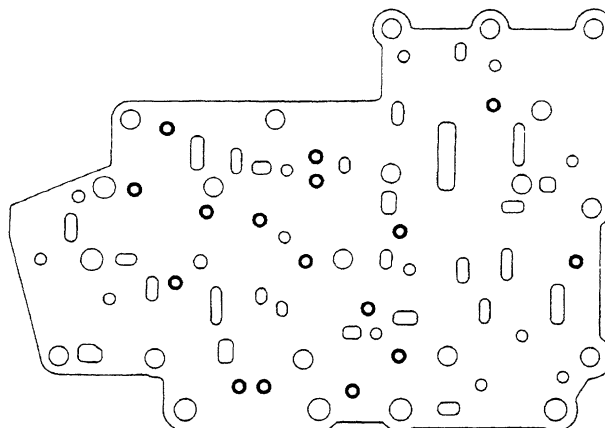
5. INSTALL LOWER VALVE BODY PLATE AND COVER

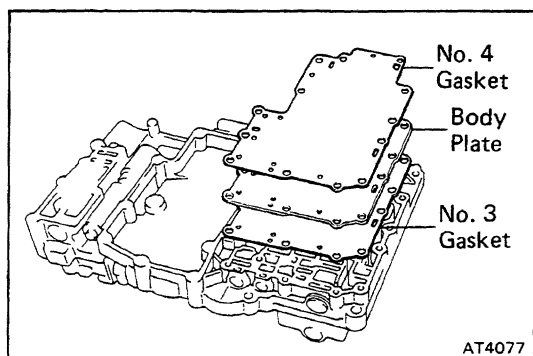
HINT: Since No.3 and No.4 gasket look similar, use the illustrations below to differentiate them.

No. 3 Gasket

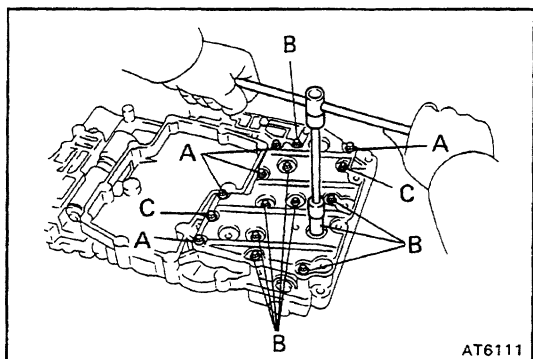


No. 4 Gasket





- (a) Place a new No.3 gasket, the body plate and a new No.4 gasket on the lower valve body.



- (b) Install the body cover with the sixteen wave washers and bolts.

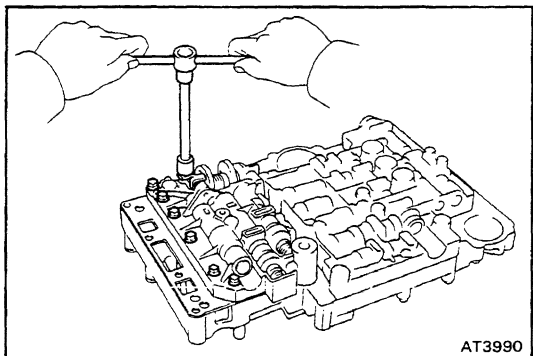
Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)

HINT: Each bolt length mm (in.) is indicated in the figure.

Bolt length: A 18 mm (0.71 in.)

B 56 mm (2.20 in.)

C 60 mm (2.36 in.)

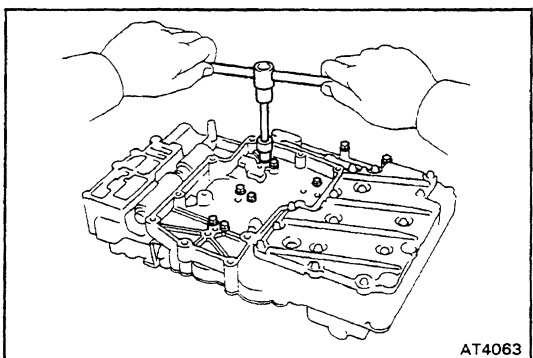


6. TIGHTEN BOLTS OF UPPER AND LOWER VALVE BODIES

- (a) (Upper Side)

Tighten the seven bolts.

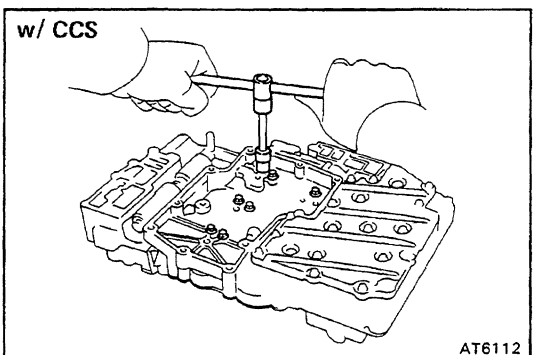
Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)



- (b) (Lower Side)

Tighten the nine bolts.

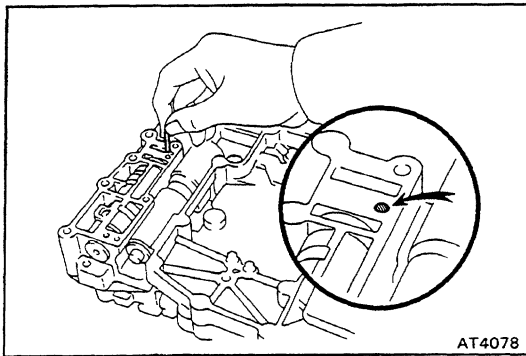
Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)



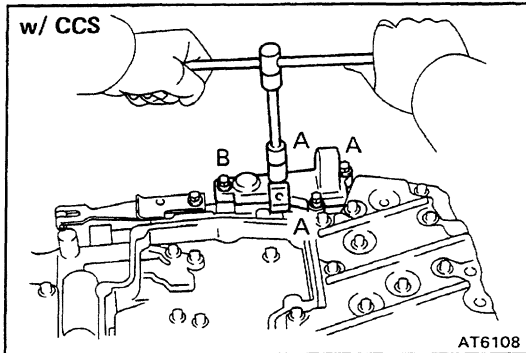
- (w/ Cruise Control System)

Tighten the seven bolts.

Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)



AT4078

7. INSTALL LOCK-UP RELAY VALVE SLEEVE PIN

AT6108

8. (w/ Cruise Control System)**INSTALL LOWER VALVE BODY COVER**

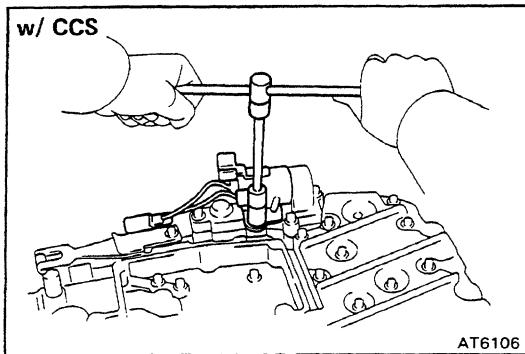
Install the four bolts and the cover.

Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)

HINT: Each bolt length mm (in.) is indicated in the figure.

Bolt length: A 56 mm (2.205 in.)

B 18 mm (0.709 in.)

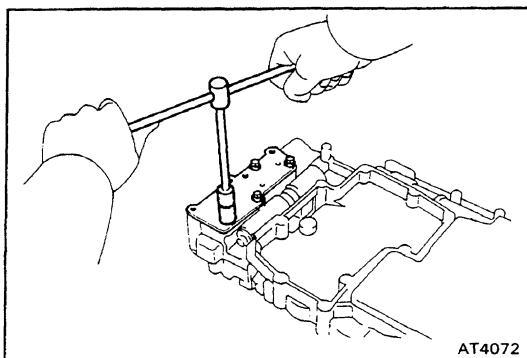


AT6106

9. (w/ Cruise Control System)**INSTALL SOLENOID**

Install the bolt and the solenoid.

Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)



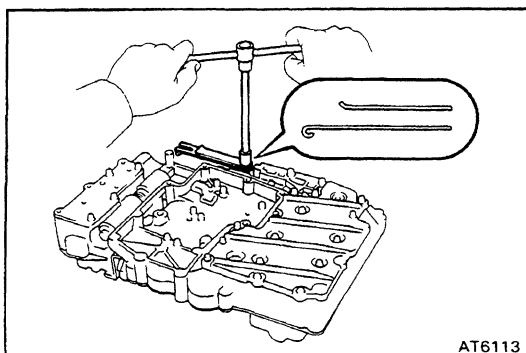
AT4072

10. TEMPORARILY INSTALL LOCK-UP RELAY VALVE BODY PLATE

Install the body plate with the four bolts.

HINT:

- Use the bolt which is 12 mm (0.47 in.) in length.
- Fully install the body plate when the valve body is installed in the transmission case.



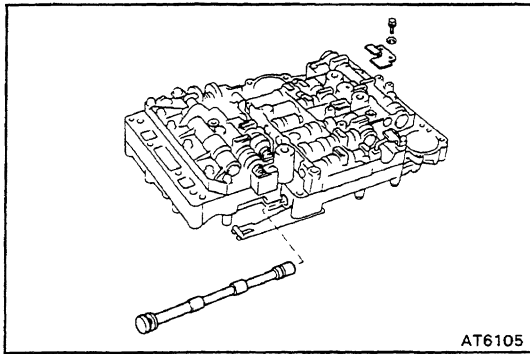
AT6113

11. INSTALL MANUAL DETENT SPRING

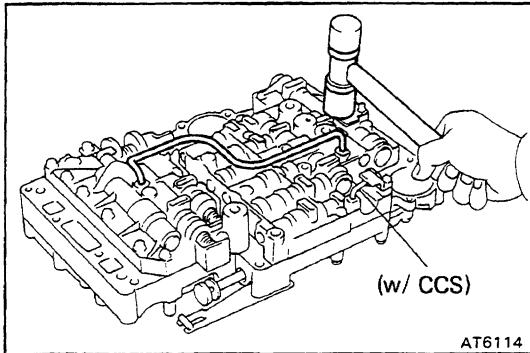
Install the detent spring and cover with the wave washer and bolt.

Torque: 55 kg-cm (4.8 in.-lb, 5.4 N-m)

HINT: Use the bolt which is 43 mm (1.69 in.) in length.

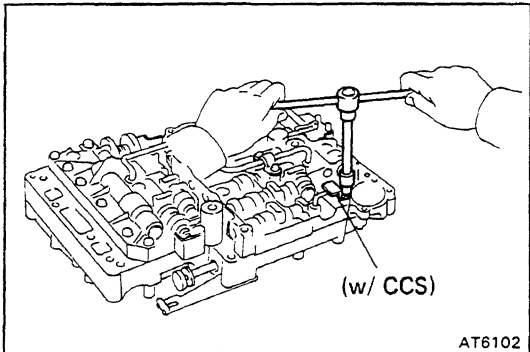
**12. INSTALL MANUAL VALVE****13. INSTALL CLAMP**

Install the clamp with the two bolts and wave washers.
HINT: Use the bolt which is 12 mm (0.47 in.) in length.

**14. INSTALL OIL TUBE(S)**

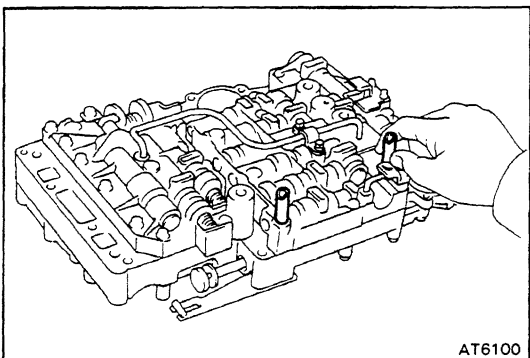
(a) Using a plastic-faced hammer, tap in the oil tube(s).

NOTICE: Be careful not to bend or damage the tube(s).



(b) Install the tube clamp(s) with the two wave washers and bolts.

HINT: Use the bolt which is 12 mm (0.47 in.) in length.

**15. INSTALL LINE PRESSURE TUBES**

Install the two pressure tubes.