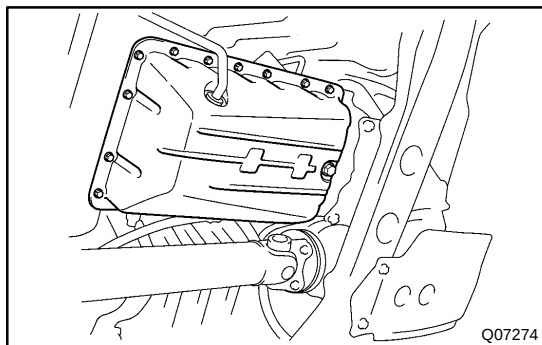




VALVE BODY ASSEMBLY ON-VEHICLE REPAIR

AT074-01

1. DRAIN ATF

Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)

2. REMOVE OIL PAN

NOTICE:

Some fluid will remain in the oil pan.

- (a) Remove the 19 bolts.

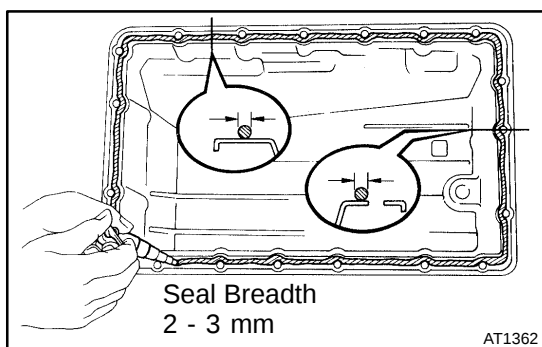
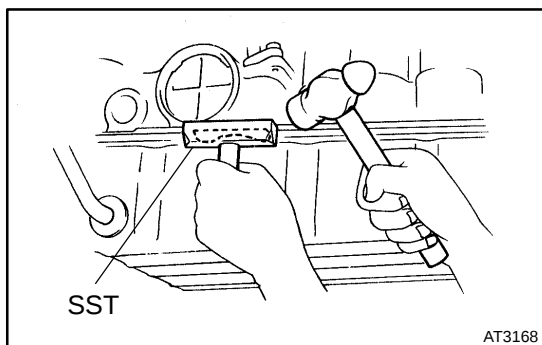
Torque: 7.4 N·m (75 kgf·cm, 65 in·lbf)

- (b) Install the blade of SST between the transmission case and oil pan, cut off applied sealer and then remove the oil pan.

SST 09032-00100

NOTICE:

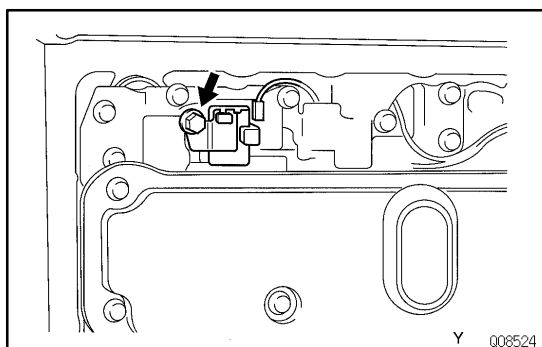
When removing the oil pan, be careful not to damage the oil pan flange.



HINT:

At the time of installation, after removing all the old FIPG on the contacting surface of the oil pan and transmission case, apply new FIPG to the oil pan. (See page [AT-1](#))

FIPG: Part No. 08826-00090, THREE BOND 1281 or equivalent



3. WHEN REPLACING 3 SHIFT SOLENOID VALVES

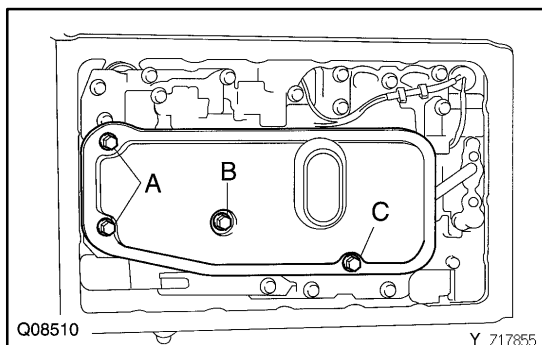
- (a) Disconnect the connectors from the solenoid valves.
(b) Remove the 3 solenoid valve mounting bolts.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

- (c) Remove the 3 solenoid valves.

HINT:

At the time of installation, replace the O-rings with new ones.



4. REMOVE OIL STRAINER

Remove the 4 bolts, and the oil strainer and gaskets.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

NOTICE:

Be careful as some fluid will come out with the oil strainer.

Bolt length:

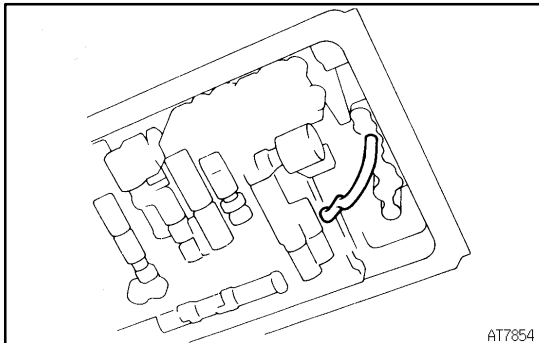
Bolt A: 16 mm (0.63 in.)

Bolt B: 20 mm (0.79 in.)

Bolt C: 28 mm (1.10 in.)

HINT:

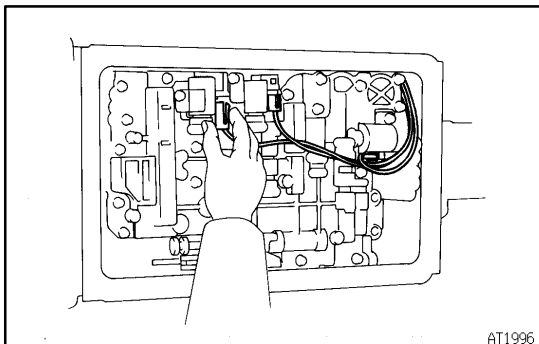
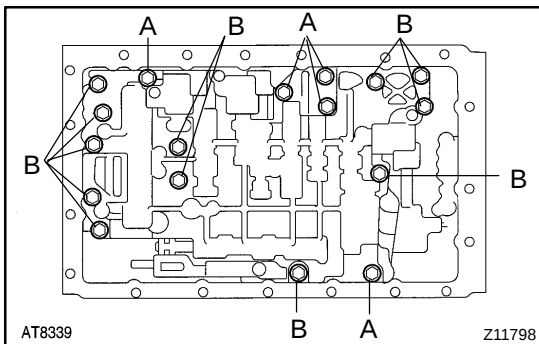
At the time of installation, replace the gaskets with new ones.

**5. REMOVE OIL PIPE**

Pry up both pipe ends with a large screwdriver and remove the pipe.

NOTICE:

At time of the installation, make sure that the oil pipe or the magnet do not interfere with the oil pan.

**6. DISCONNECT CONNECTOR FROM EACH SOLENOID VALVE****7. REMOVE VALVE BODY**

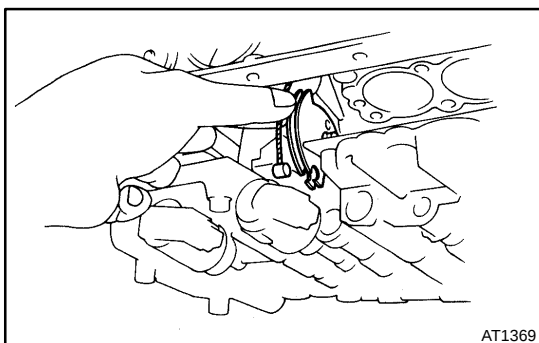
(a) Remove the 17 bolts.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

Bolt length:

Bolt A: 23 mm (0.91 in.)

Bolt B: 32 mm (1.26 in.)



(b) Disconnect the throttle cable from the cam.

(c) Remove the valve body.

NOTICE:

Be careful not to drop the check ball body and spring.

HINT:

At the time of installation, install the body together the check ball body and spring and Align the groove of the manual valve to the pin of the lever.

8. REINSTALL VALVE BODY ASSEMBLY

To install, follow the removal procedure in reverse.

HINT:

After installation, fill ATF and check the fluid level. (See page [DI-131](#))