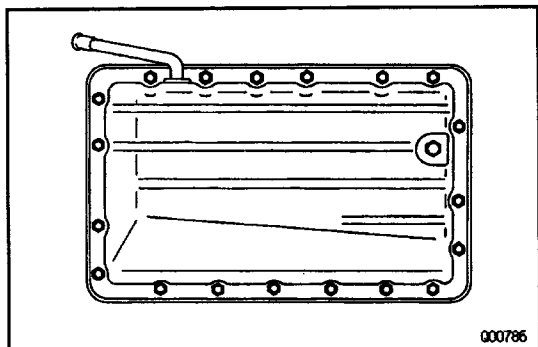


VALVE BODY

VALVE BODY REMOVAL

1. CLEAN TRANSMISSION EXTERIOR

To prevent contamination, clean the exterior of the transmission.



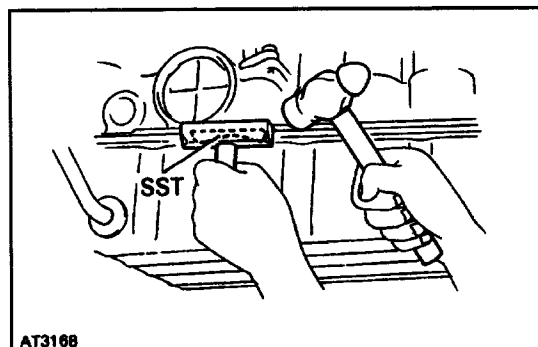
2. DRAIN TRANSMISSION FLUID

Remove the drain plug and the fluid into a suitable container.

3. REMOVE OIL PAN

NOTICE: Some fluid will remain in the oil pan. Be careful not to damage the filler pips and O-ring.

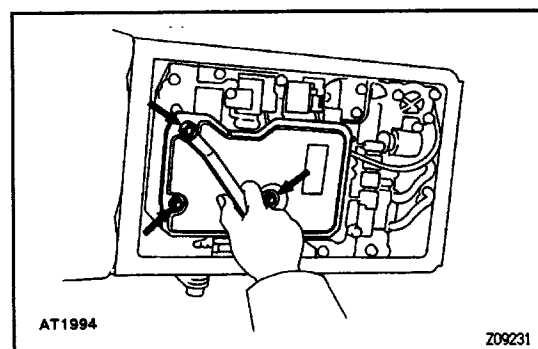
(a) Remove the 19 bolts.



(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.

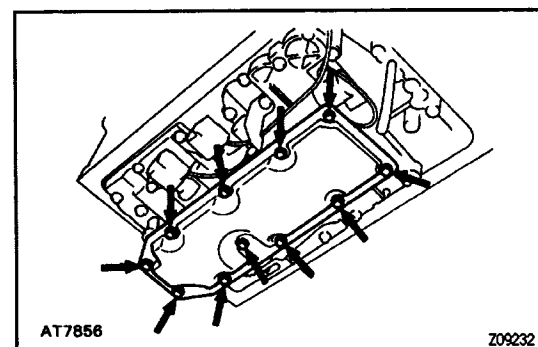


4. A340E:

REMOVE OIL STRAINER

Remove the 6 bolts, and the oil strainer.

NOTICE: Be careful as some oil will come out with the filter.

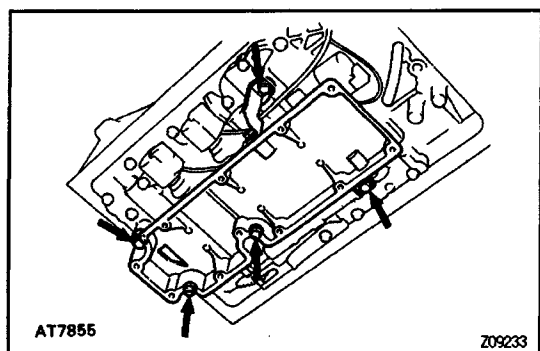


5. A340F:

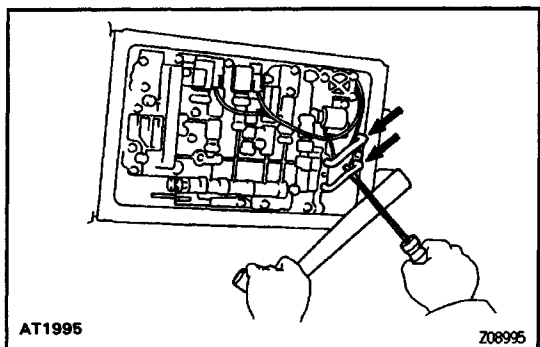
REMOVE OIL STRAINER AND GASKETS

(a) Remove the 11 bolts holding the oil strainer to the oil strainer case.

(b) Remove the oil strainer and gasket.



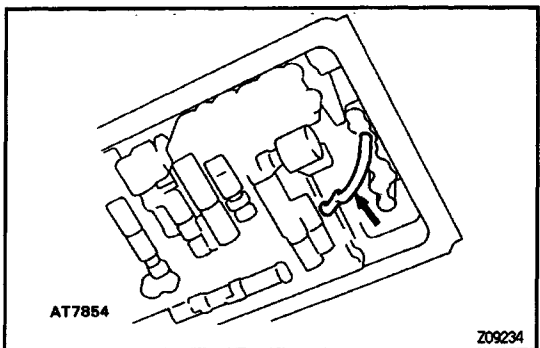
- (c) Remove the 5 bolts and oil strainer case.
- (d) Remove the 2 gaskets from the case.



6. A340E:

REMOVE OIL PIPES

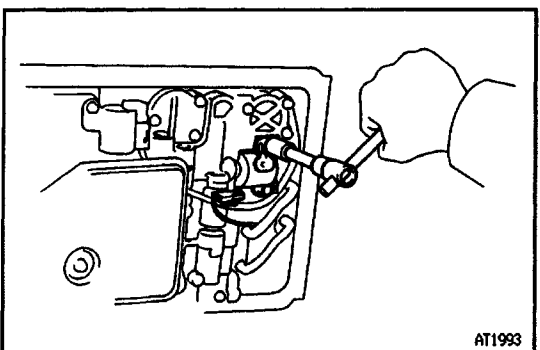
Pry up both pipe ends with a large screwdriver and remove the pipes.



7. A340 F:

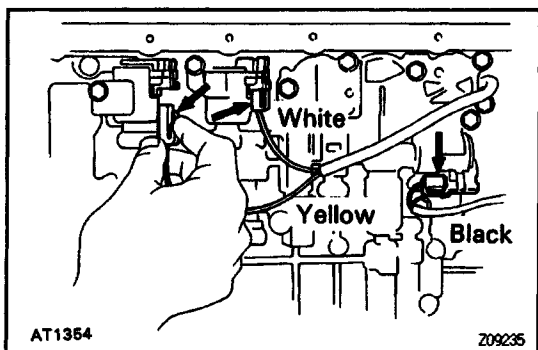
REMOVE OIL PIPES

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



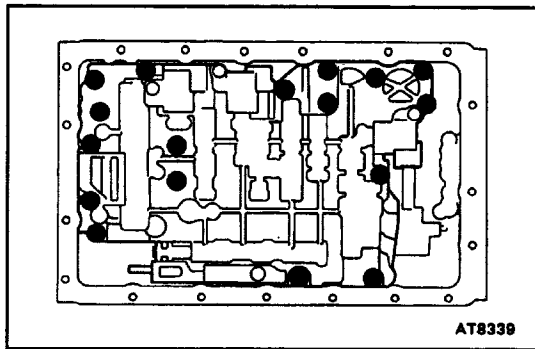
8. WHEN REPLACING SOLENOIDS

- (a) Disconnect the connectors from the solenoids.
- (b) Remove the solenoid mounting bolts.
- (c) Remove the solenoids.



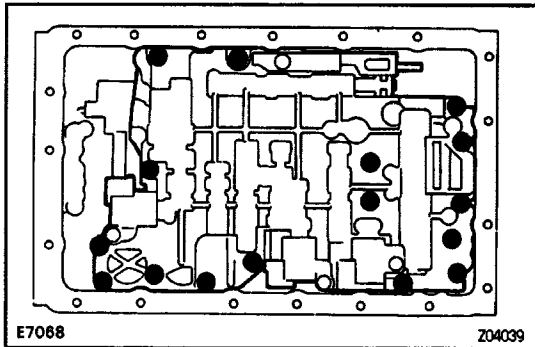
9. DISCONNECT SOLENOID CONNECTORS

Disconnect the 3 connectors from No.1, No.2 and lock –up solenoids.

**10. REMOVE VALVE BODY**

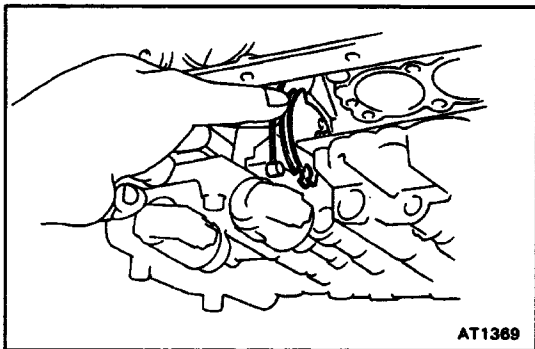
(a) A340E:

Remove the 17 bolts.

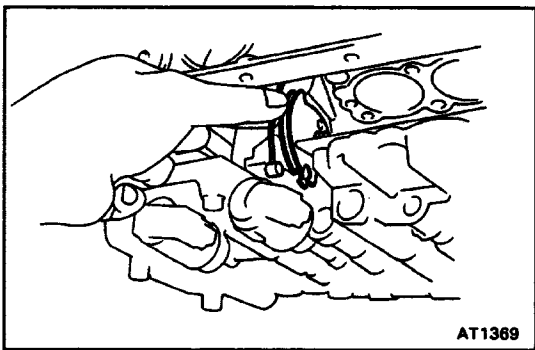


(b) A340F:

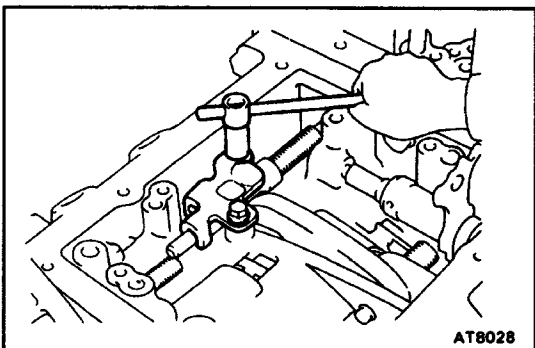
Remove the 16 bolts.



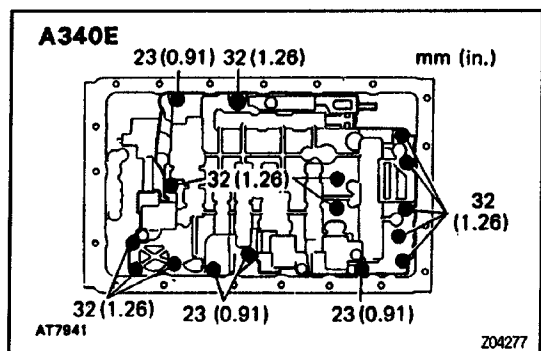
(c) Disconnect the throttle cable from the cam and remove the valve body.

**VALVE BODY INSTALLATION****1. CONNECT THROTTLE CABLE TO CAM**

Push the cable fitting into the cam.

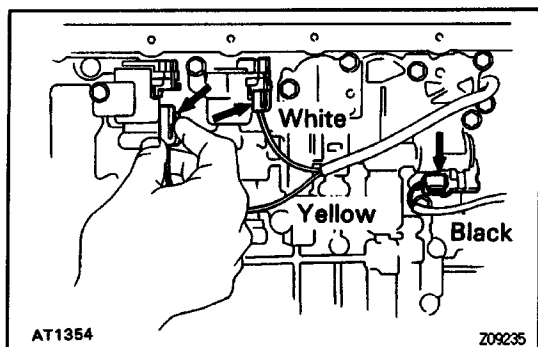
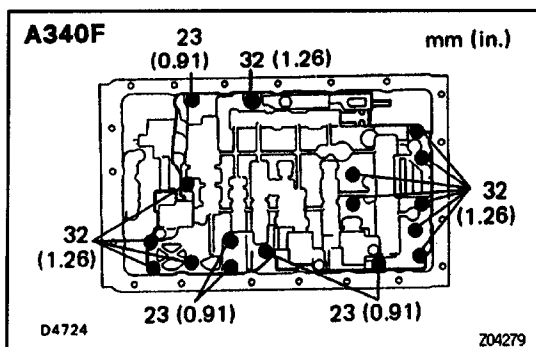
**2. INSTALL VALVE BODY**

(a) Align the manual valve lever with the manual valve.

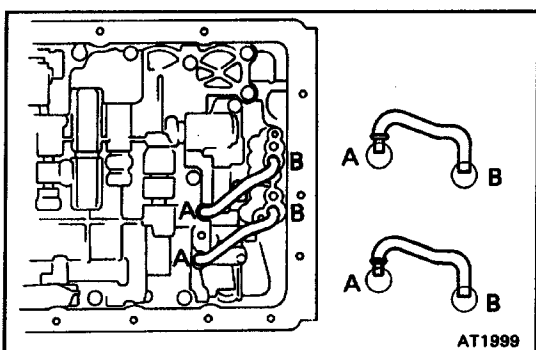


(b) Finger tighten all the bolts first. Then tighten the bolts evenly.

Torque: 10 N-m (100 kgf-cm, 7 ft-lbf)



3. CONNECT SOLENOID WIRING



4. A340E:

INSTALL OIL PIPES

Tap the pipes with a plastic hammer to install them into the positions, as shown.

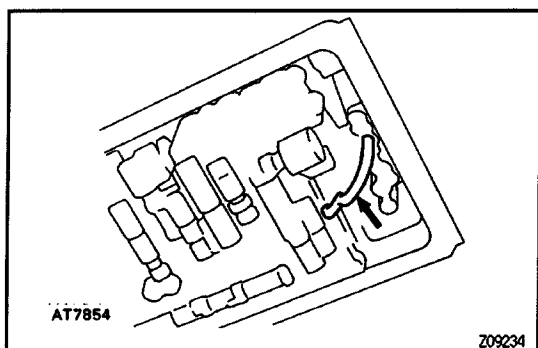
NOTICE: Be careful not to bend or damage the pipes.

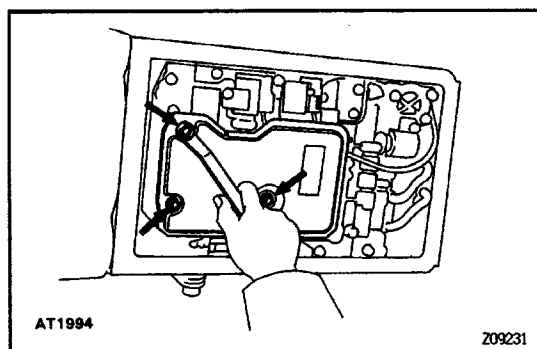
5. A340 F:

INSTALL OIL PIPE

Tap the pipes with a plastic hammer to install the pipe into the position, as shown.

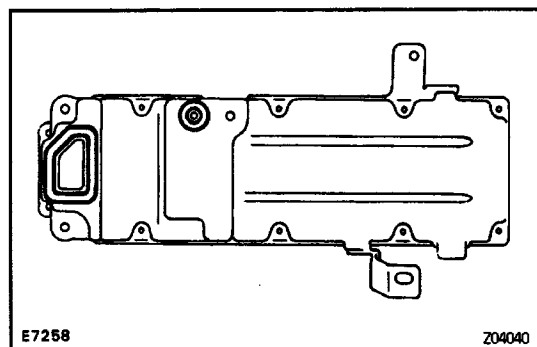
NOTICE: Be careful not to bend or damage the pipe.



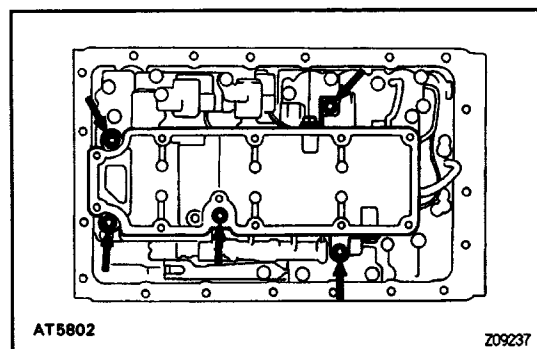
**6. A340 E:****INSTALL OIL STRAINER**

Be sure the screen is clean. Torque the bolts.

Torque: 5.4 N-m (55 kgf-cm, 48 in-lbf)

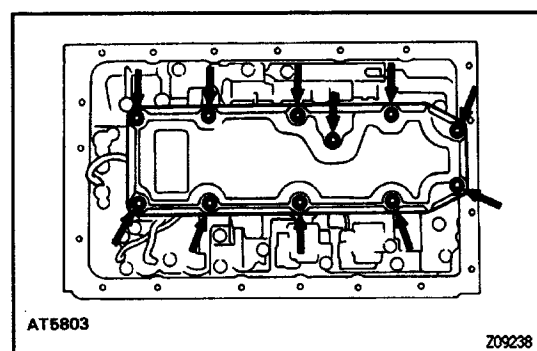
**7. A340F:****INSTALL OIL STRAINER AND GASKETS**

(a) Install 2 new gaskets to the oil strainer case.



(b) Install the oil strainer case and torque the 5 bolts.

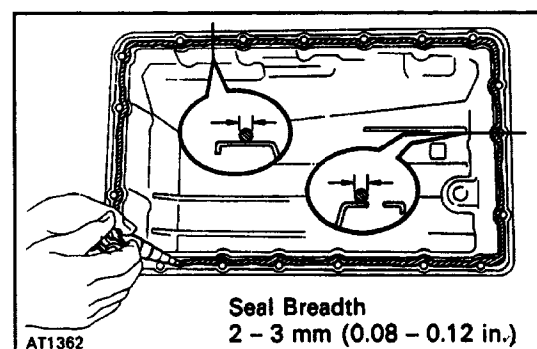
Torque: 10 N-m (100 kgf-cm, 7 ft-lbf)



(c) Install a new gasket to the oil strainer case.

(d) Install the oil strainer and torque the 11 bolts.

Torque: 6.9 N-m (70 kgf-cm, 61 in.-lbf)

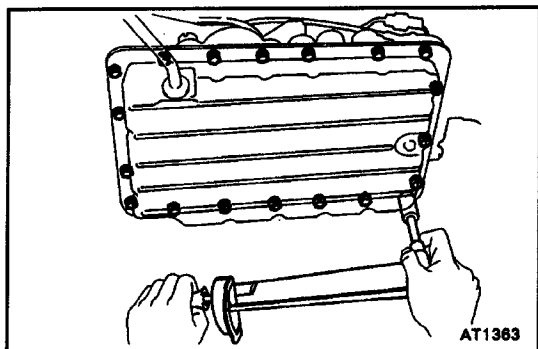
**8. INSTALL OIL PAN**

(a) Remove any packing material and be careful not to drop oil on the contacting surfaces of the transmission case and oil pan.

(b) Apply FIPG to the oil pan shown in the illustration.

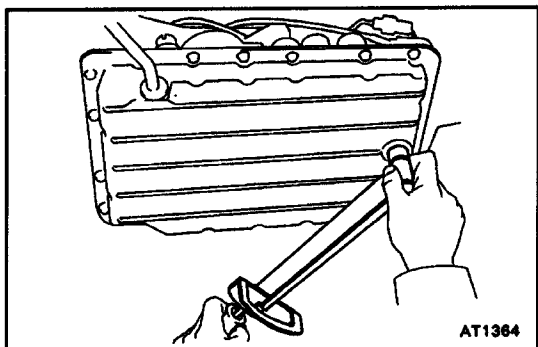
FIPG:

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



(c) install and torque the 19 bolts.

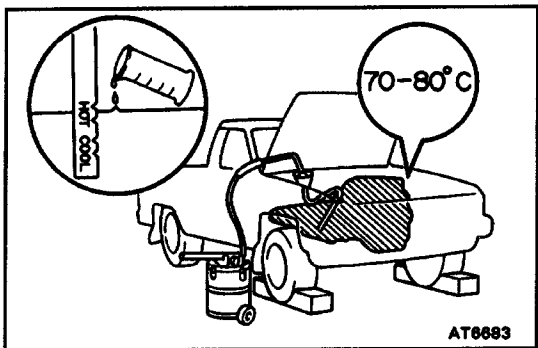
Torque: 7.4 N-m (75 kgf-cm, 65 in.-lbf)



9. INSTALL DRAIN PLUG

Torque the drain plug.

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



10. FILL TRANSMISSION WITH ATF

Add only about 2 liters of ATF. Start the engine and shift through all the positions. Check the fluid level and add as necessary.

NOTICE: Do not overfill.

Fluid type:

ATF DEXRON® II