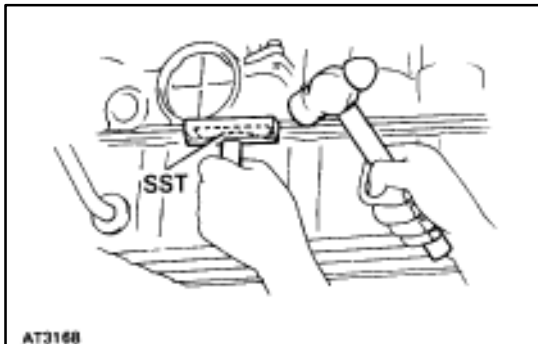


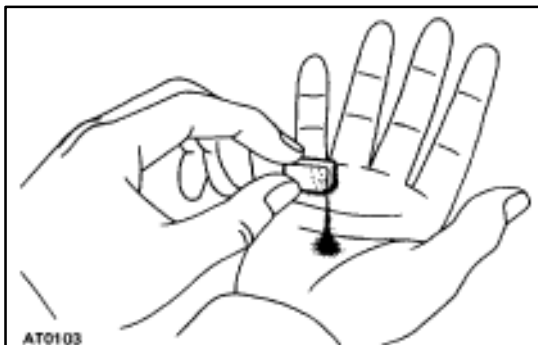
Valve Body

REPLACEMENT OF VALVE BODY

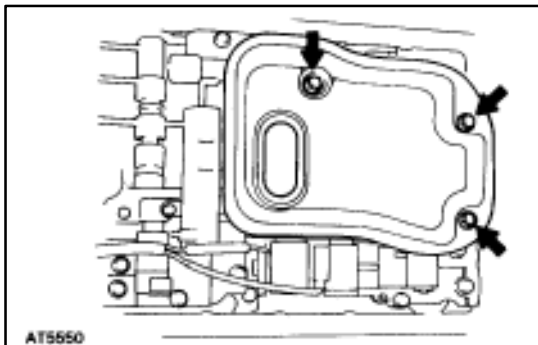
1. DRAIN ATF
2. REMOVE FRONT EXHAUST PIPE
(See pages EX-3 and EX-4)



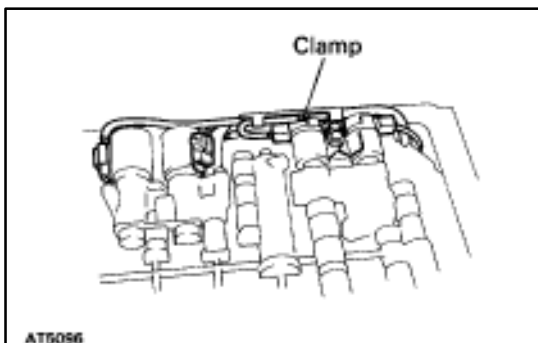
3. REMOVE OIL PAN
 - (a) Remove the nineteen bolts.
 - (b) Install the blade of SST between the transmission case and oil pan, cut off applied sealer.SST 09032-00100
NOTICE: Be careful not to damage the oil pan flange.



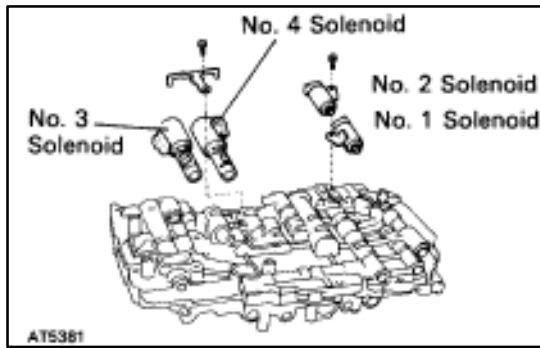
4. EXAMINE PARTICLES IN PAN
Remove the magnets and use them to collect steel particles. Carefully look at the foreign matter and particles in the pan and on the magnets to anticipate the type of wear you will find in the transmission:
Steel (magnetic) bearing, gear and clutch plate wear
Brass (non-magnetic) bushing wear



5. REMOVE OIL STRAINER
Remove the three bolts holding the oil strainer to the valve body.

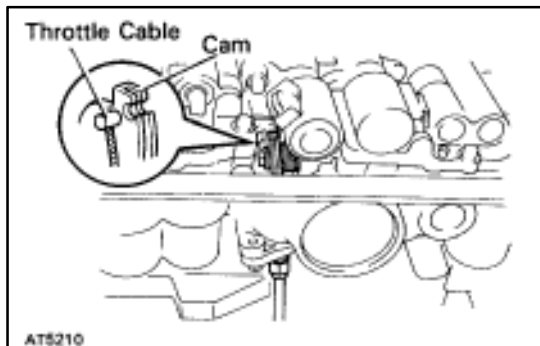


6. REMOVE SOLENOID WIRING
 - (a) Remove the two bolts and the clamp.
 - (b) Disconnect the four connectors from the solenoid valves.



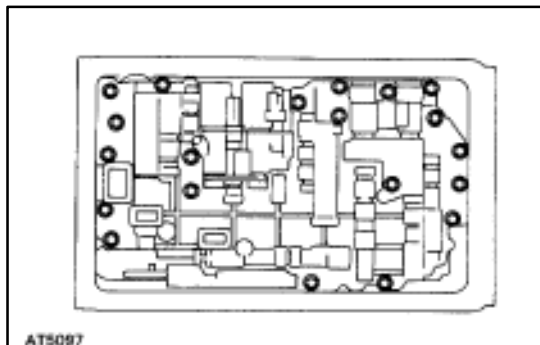
7. REMOVE FOUR SOLENOID VALVES

- Remove the No. 1 and No. 2 solenoid valves.
- Remove the O-rings from the No. 1 and No. 2 solenoid valves.
- Remove the lock plate and No. 3 and No. 4 solenoid valves.



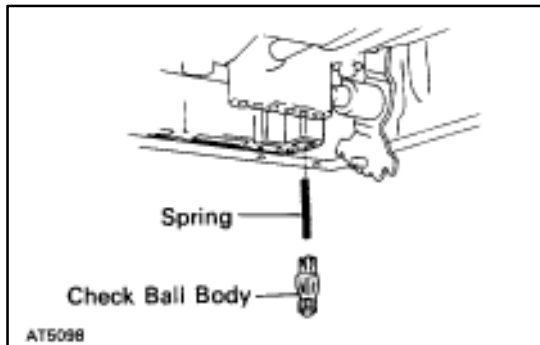
8. REMOVE THROTTLE CABLE

Disconnect the throttle cable from the cam.



9. REMOVE VALVE BODY

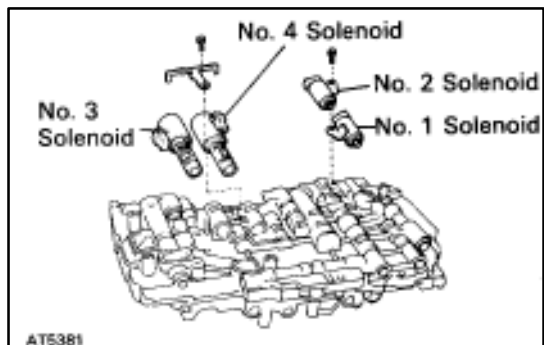
- Remove the twenty bolts.
- Remove the valve body.



NOTICE: Do not drop the check ball body and spring.

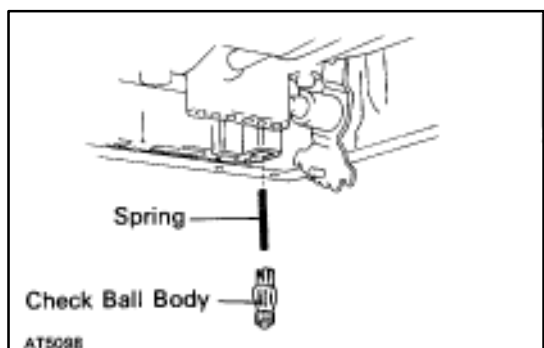
10. INSPECT VALVE BODY

(Refer to A340E, A341 E Automatic Transmission Repair)
(Manual Pub. No. RM 235U)

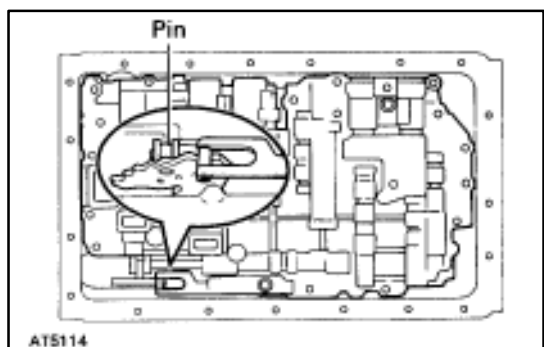


INSTALLATION OF VALVE BODY

1. INSTALL FOUR SOLENOID VALVES

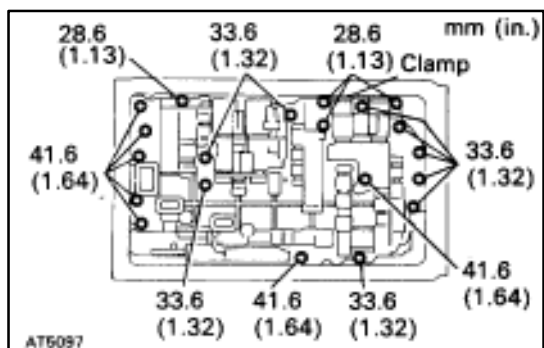


2. INSTALL CHECK BALL BODY AND SPRING AND HOLD IT



3. INSTALL VALVE BODY

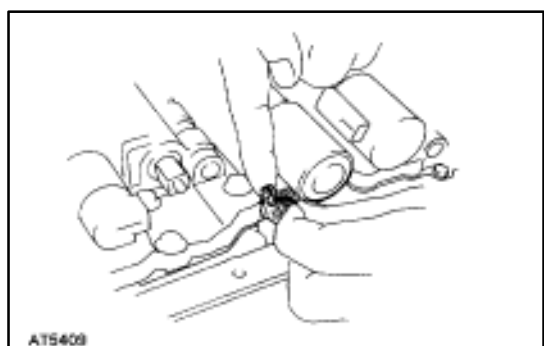
- (a) Align the groove of the manual valve to the pin of the lever.



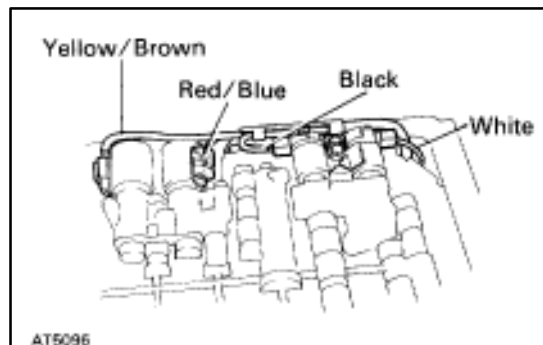
- (b) Install the twenty bolts and clamp.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

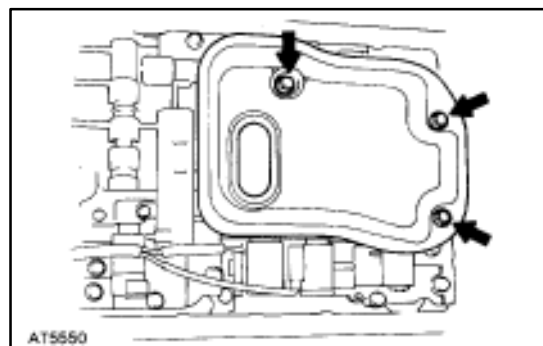
HINT: Each bolt length (mm, in.) is indicated in the figure.



- (c) Connect the throttle cable to the cam.



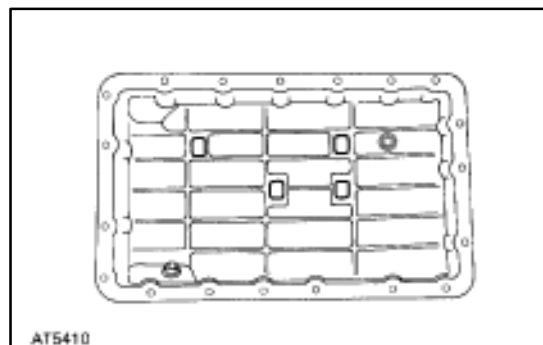
4. CONNECT SOLENOID VALVE CONNECTORS



5. INSTALL OIL STRAINER AND GASKETS

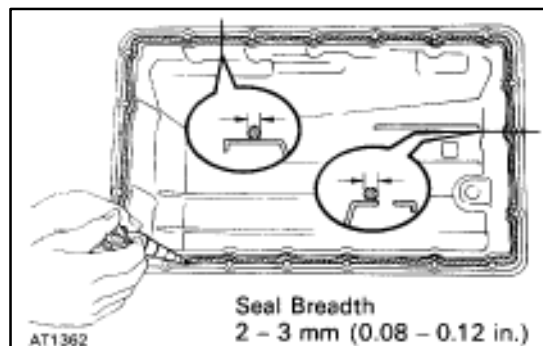
Install the oil strainer and torque the three bolts.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)



6. INSTALL OIL PAN

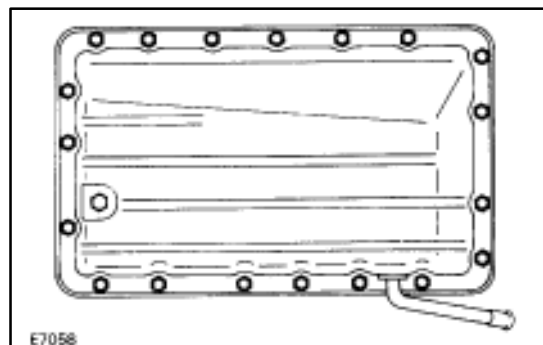
- (a) Install the four magnets in the indentations of the oil pan as shown in the figure.



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

- (c) Apply seal packing to the oil pan as shown in the figure.

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



- (d) Install the oil pan to the transmission case and torque the nineteen bolts.

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