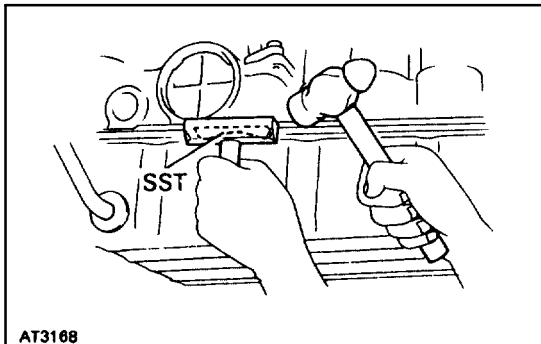


VALVE BODY

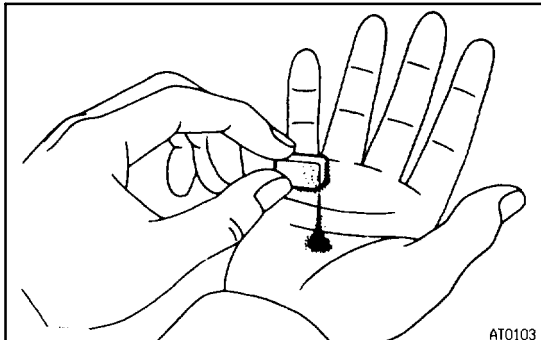
VALVE BODY REMOVAL

ATOGG-02

1. DRAIN ATF
2. REMOVE FRONT EXHAUST PIPE
(See pages EG-204)



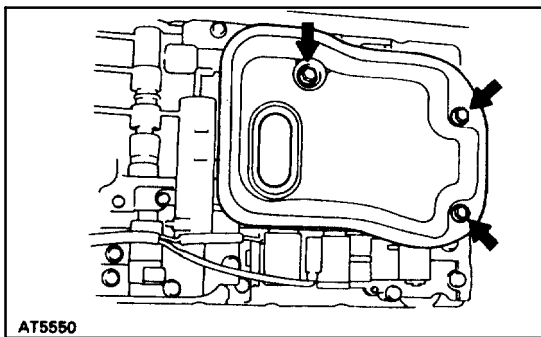
3. REMOVE OIL PAN
 - (a) Remove the 19 bolts.
 - (b) Install the blade of SST between the transmission case and oil pan, cut off applied sealer.
SST 09032-00100
NOTICE: Be careful not to damage the oil pan flange.



4. EXAMINE PARTICLES IN PAN

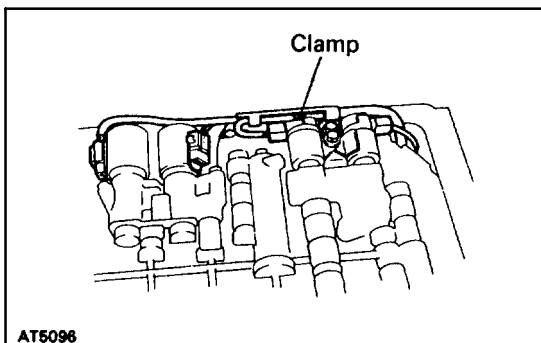
Remove the magnets and use them to collect steel particles. Carefully look at the foreign matter and particles in the pan and on the magnets to anticipate the type of wear you will find in the transmission:

Steel (magnetic) ... bearing, gear and clutch plate wear
Brass (non-magnetic) ... bushing wear

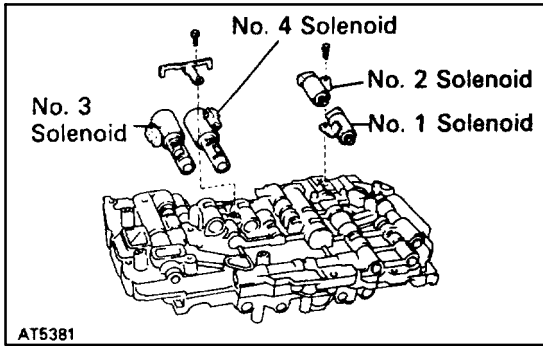


5. REMOVE OIL STRAINER

Remove the 3 bolts holding the oil strainer to the valve body.

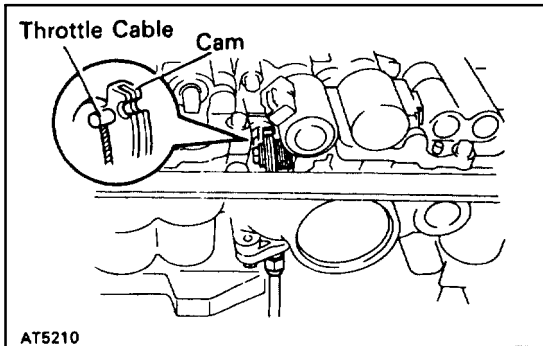


6. REMOVE SOLENOID WIRING
 - (a) Remove the 2 bolts and the clamp.
 - (b) Disconnect the 4 connectors from the solenoid valves.



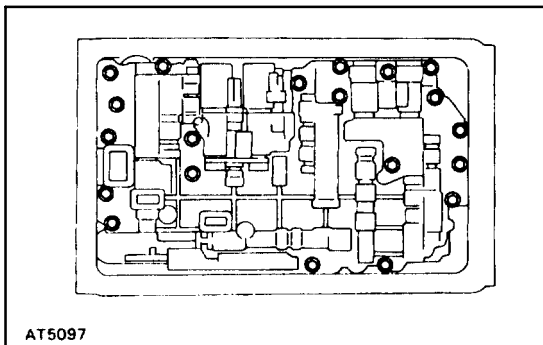
7. REMOVE 4 SOLENOID VALVES

- (a) Remove the No. 1 and No.2 solenoid valves.
- (b) Remove the O-rings from the No. 1 and No.2 solenoid valves.
- (c) Remove the lock plate and No.3 and No.4 solenoid valves.



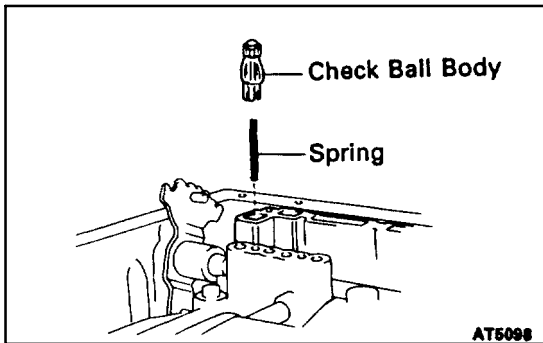
8. REMOVE THROTTLE CABLE

Disconnect the throttle cable from the cam.



9. REMOVE VALVE BODY

- (a) Remove the 20 bolts.
- (b) Remove the valve body.



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

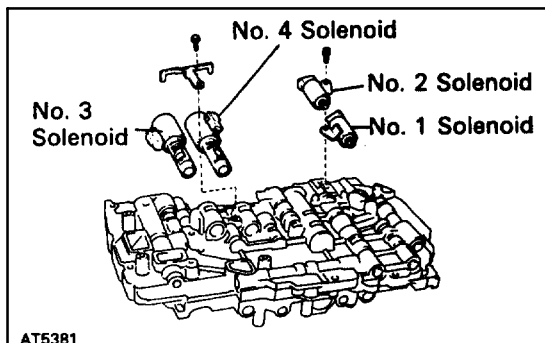
10. INSPECT VALVE BODY

Refer to '94 A340E and A341E Automatic Transmission Repair Manual (for LEXUS SC400)

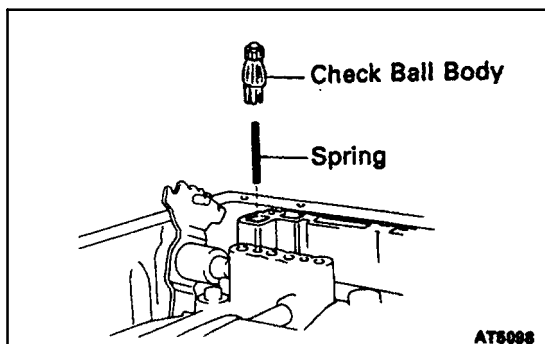
VALVE BODY INSTALLATION

AT0GH-02

1. INSTALL 4 SOLENOID VALVES

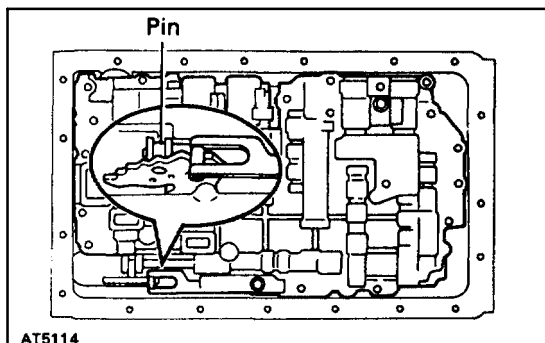


2. INSTALL CHECK BALL BODY AND SPRING AND HOLD IT

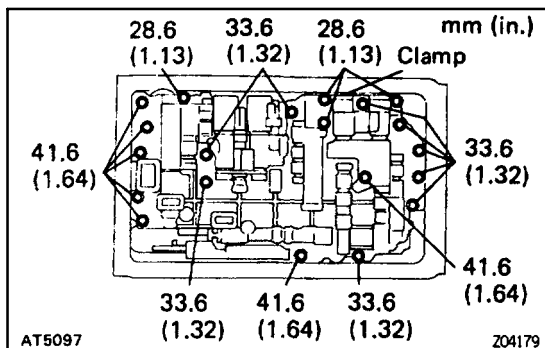


3. INSTALL VALVE BODY

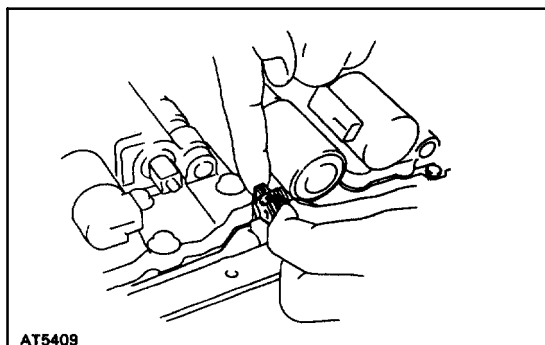
(a) Align the groove of the manual valve to the pin of the lever.

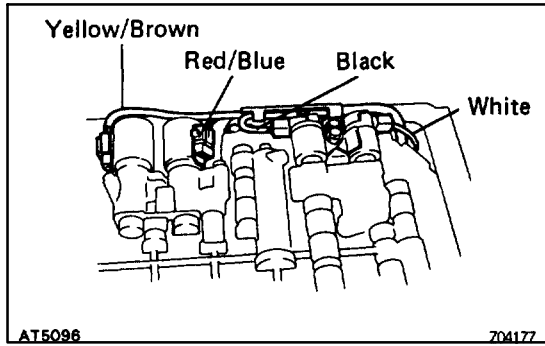


(b) Install the 20 bolts and clamp.
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

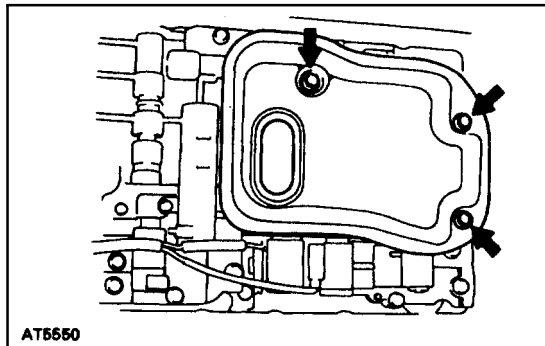


(c) Connect the throttle cable to the cam.

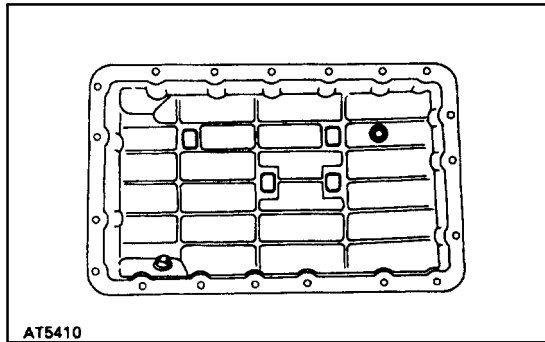




4. CONNECT SOLENOID VALVE CONNECTORS

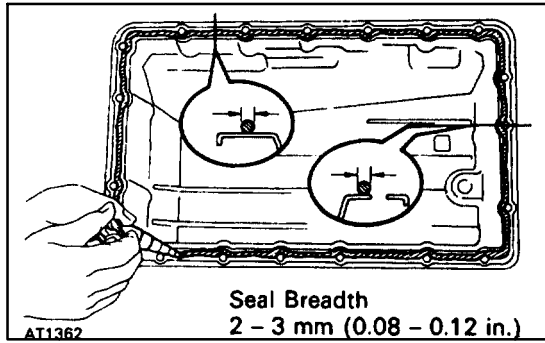


5. INSTALL OIL STRAINER AND GASKETS
Install the oil strainer and torque the 3 bolts.
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)



6. INSTALL OIL PAN

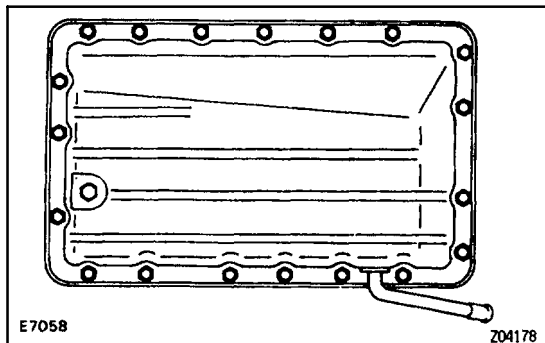
(a) Install the 4 magnets in the indentations of the oil pan, as shown in the illustration.



(b) Remove any FIPG material and be careful not to drop oil on the contacting surfaces of the transmission case and oil pan.
(c) Apply FIPG to the oil pan, as shown in the illustration.

FIPG:

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



(d) Install the oil pan to the transmission case and torque the 19 bolts.

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

7. INSTALL FRONT EXHAUST PIPE

(See page EG-204)

8. CHECK FLUID LEVEL