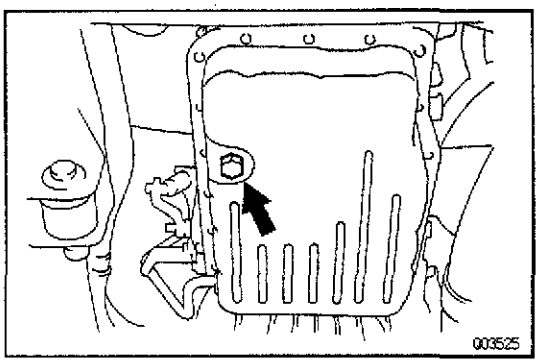
VALVE BODY

AT0G7-01

VALVE BODY REMOVAL

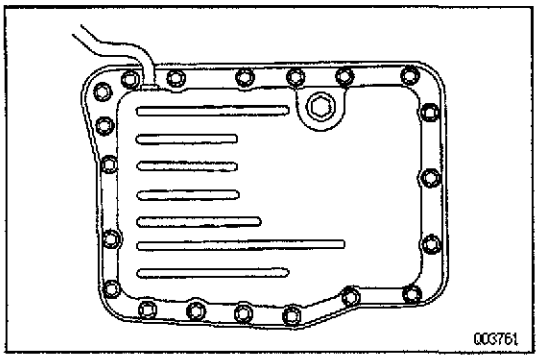
1. CLEAN TRANSMISSION EXTERIOR

To prevent contamination, clean the exterior transmission.



2. DRAIN TRANSMISSION FLUID

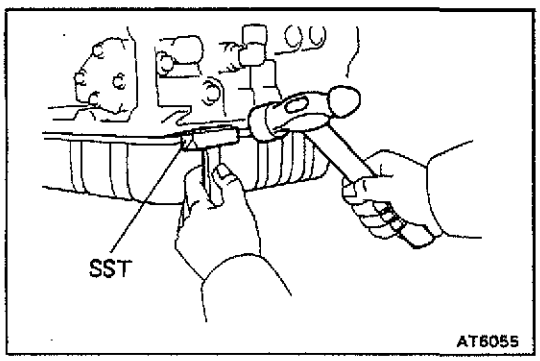
Remove the drain plug and drain fluid into a suitable container.



3. REMOVE OIL PAN AND GASKET

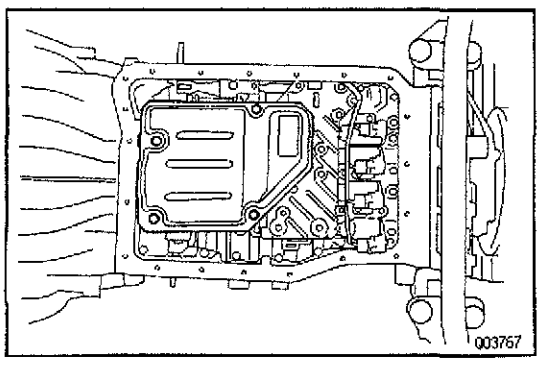
NOTICE: Some fluid will remain in the oil pan. Be careful not to damage the filler tube.

(a) Remove the 20 bolts.



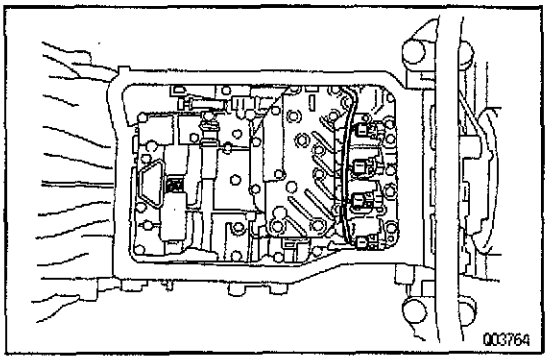
(b) Insert the blade of SST between the transmission and oil pan, cutoff applied sealer.
SST 09302–00100

NOTICE: Be careful not to damage the oil pan flange.



4. REMOVE OIL STRAINER

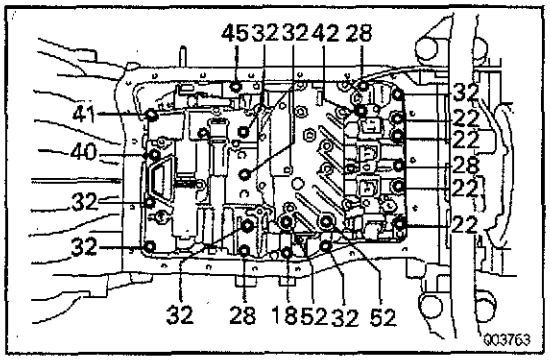
Remove the 4 bolts and oil strainer.



5. REMOVE VALVE BODY

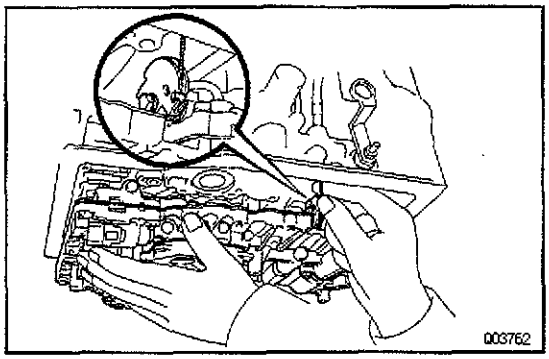
(a) Disconnect the four connectors from the solenoids.

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(b) Remove the 21 bolts and valve body.

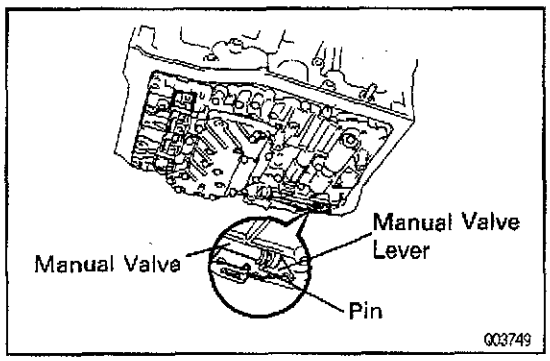
NOTICE: Do not drop the accumulator springs and pistons.



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

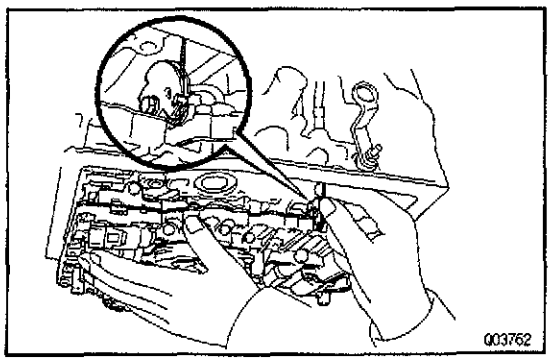
VALVE BODY INSTALLATION

AT0GS-01

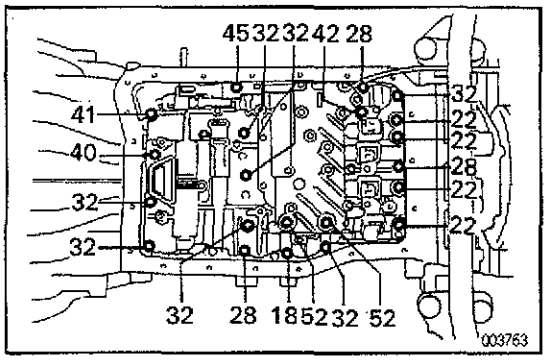


1. INSTALL VALVE BODY

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



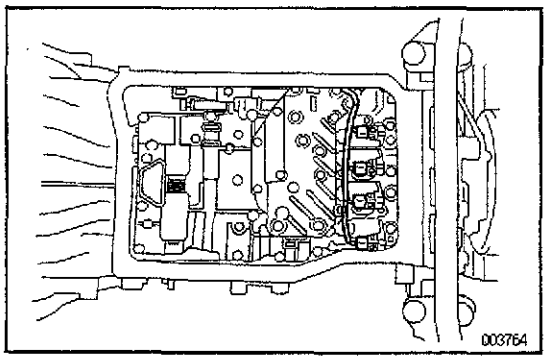
(b) Connect the throttle cable to the cam.



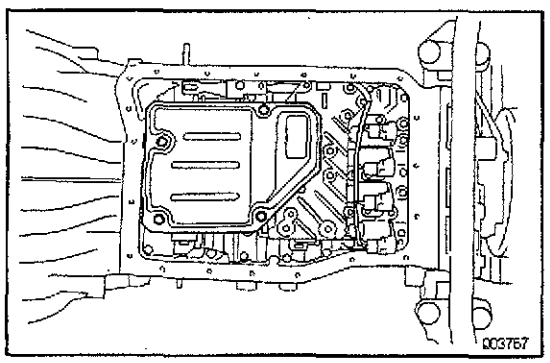
(c) Install the other bolts.
HINT: Each bolt length is indicated below.
Bolt length:
18 mm (0.71 in.)
22 mm (0.87 in.)
28 mm (1.10 in.)
32 mm (1.26 in.)
40 mm (1.57 in.)
41 mm (1.61 in.)
42 mm (1.65 in.)
45 mm (1.77 in.)
52 mm (2.04 in.)

(d) Check that the manual valve lever contacts the center of the roller at the tip of the detente spring.

(e) Tighten the bolts.
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

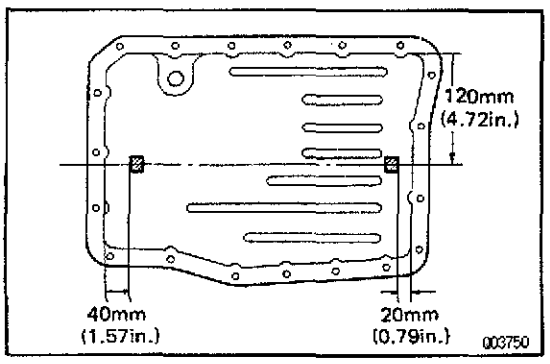


2. CONNECT 4 SOLENOID CONNECTORS



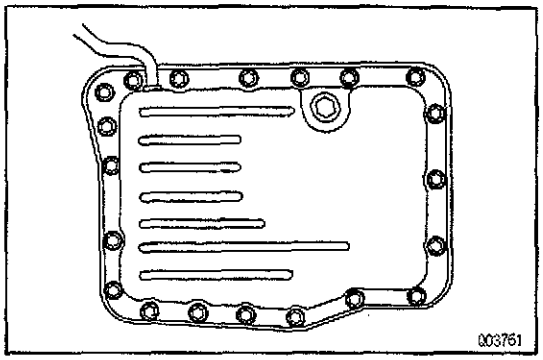
3. INSTALL OIL STRAINER

Install a new gasket and the oil strainer with the 7 wave washers(for 8 mm head bolts) and 10 bolts.
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)
Each bolt length is indicated below.
Bolt length:
16 mm (0.63 in.)



4. INSTALL MAGNETS IN PAN

Install the 2 magnets in the oil pan as shown in the illustration.



5. INSTALL OIL PAN

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

(b) Apply seal packing to the oil pan.

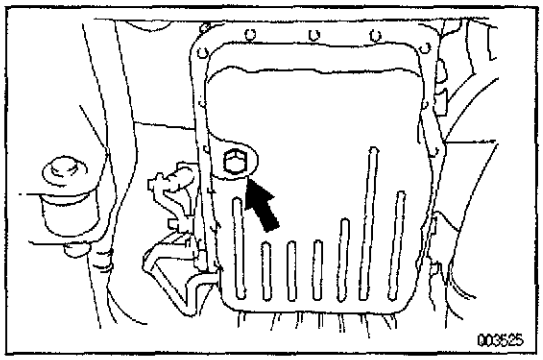
Seal packing:

Part No. 08826–00090, THREE BOND 1281B or equivalent

(c) Install and tighten the 20 bolts.

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

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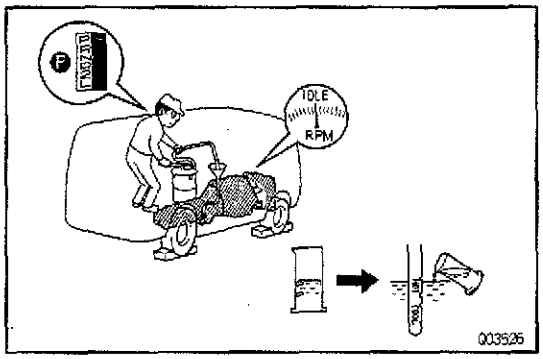


6. INSTALL DRAIN PLUG

(a) Install the drain plug with a new gasket.

(b) Torque the drain plug.

Torque: 27 N·m (280 kgf·cm, 20 ft·lbf)



7. FILL TRANSMISSION WITH ATF

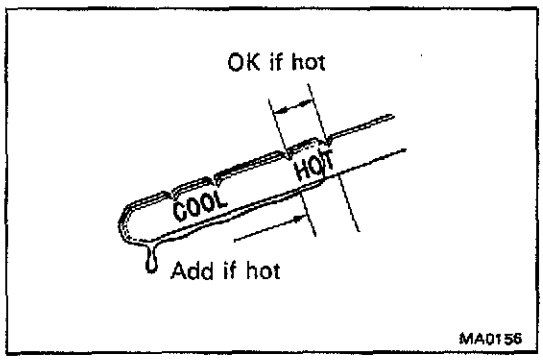
Capacity:

6.0 liters (6.3 US qts, 5.3 Imp.qts)

NOTICE: Do not overfill.

Fluid type:

ATF DEXRON® II



8. CHECK FLUID LEVEL

(See page AT–24)