

16. Control Valve Body S502564

A: REMOVAL S502564A18

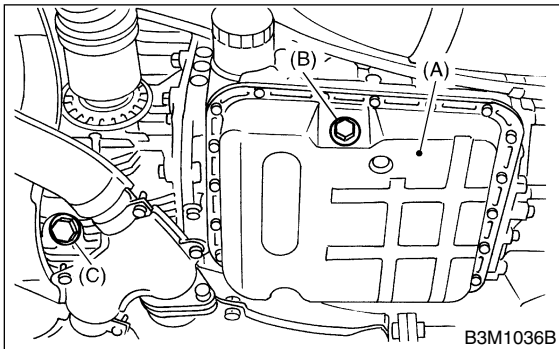
- 1) Clean transmission exterior.
- 2) Drain ATF completely.

NOTE:

Tighten ATF drain plug after draining ATF.

Tightening torque:

25 N·m (2.5 kgf-m, 18.1 ft-lb)



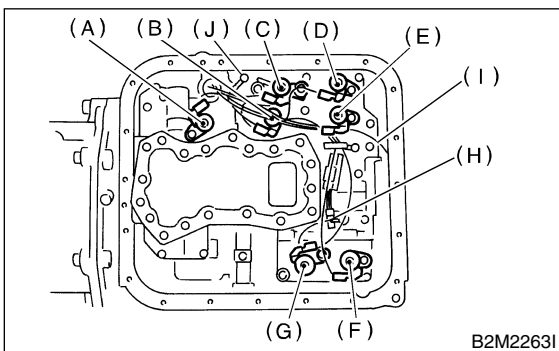
- (A) Oil pan
- (B) Drain plug
- (C) Differential oil drain plug

- 3) Remove the oil pan.

NOTE:

- Remove and clean the magnet.
- Remove the old gasket on the oil pan and transmission case completely.

- 4) Disconnect duty solenoids and ATF temperature sensor connectors. Remove connectors from clip and disconnect connectors.

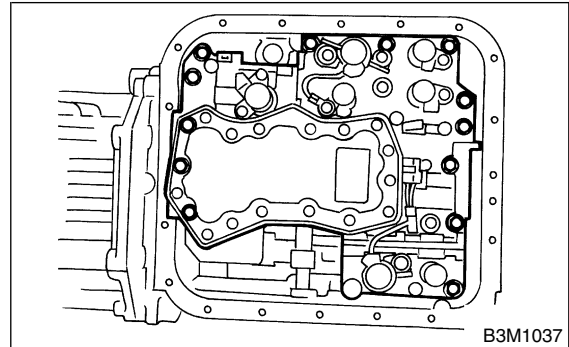


- (A) Lock-up duty solenoid (Blue)
- (B) Low clutch timing solenoid (Gray)
- (C) Line pressure duty solenoid (Red)
- (D) Shift solenoid 2 (Yellow)
- (E) Shift solenoid 1 (Green)
- (F) 2-4 brake timing solenoid (Black)
- (G) 2-4 brake duty solenoid (Red)
- (H) ATF temperature sensor
- (I) Transfer duty solenoid (Brown)
- (J) Transmission ground

- 5) Remove the control valve.

NOTE:

When removing control valve body, be careful not to interfere with transfer duty solenoid wiring.

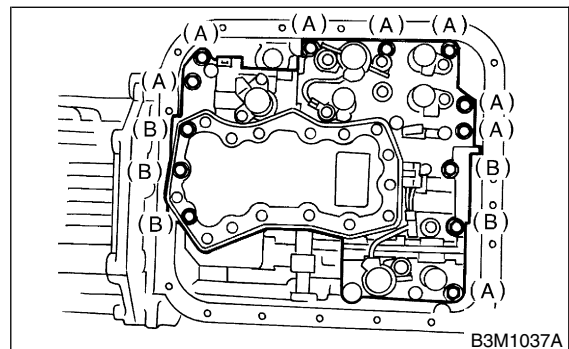


B: INSTALLATION S502564A11

- 1) Set the select lever in "N" position.
- 2) Install the control valve and ground earth connectors.

Tightening torque:

8 N·m (0.8 kgf-m, 5.8 ft-lb)

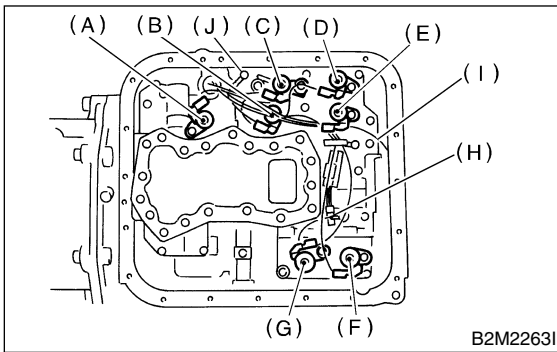


- (A) Short bolts
- (B) Long bolts

- 3) Connect all connector.

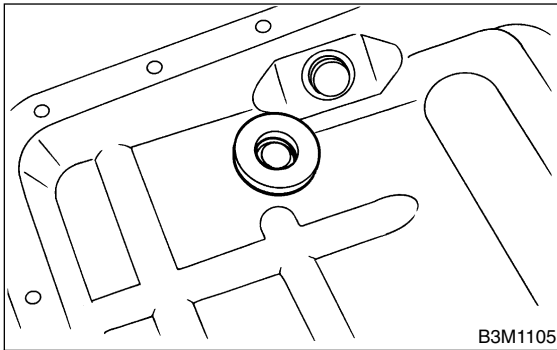
CONTROL VALVE BODY

Automatic Transmission



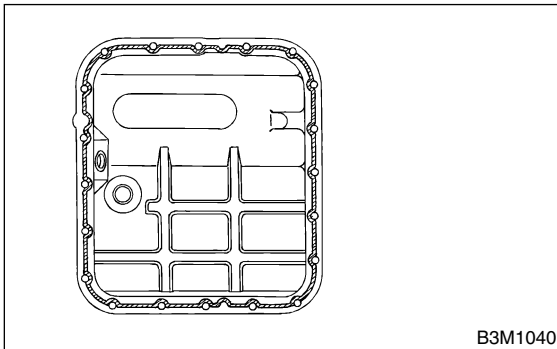
- (A) Lock-up duty solenoid (Blue)
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- (F) 2-4 brake timing solenoid (Black)
- (G) 2-4 brake duty solenoid (Red)
- (H) ATF temperature sensor
- (I) Transfer duty solenoid (Brown)
- (J) Transmission ground

4) Attach the magnet at the specified position.



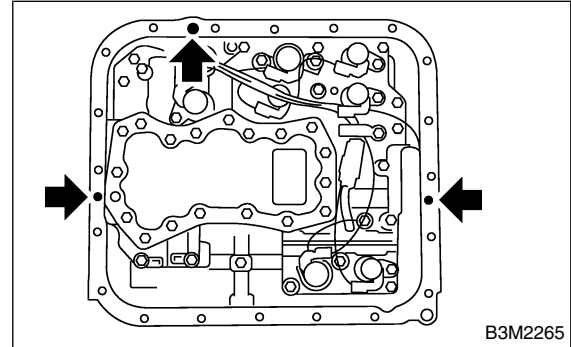
5) Apply proper amount of liquid gasket to the entire oil pan mating surface.

Fluid packing:
THREE BOND 1217B



6) Apply liquid gasket fully to 3 holes other than screw holes on the transmission case.

Fluid packing:
THREE BOND 1217B



7) Install the oil pan.

NOTE:

Uniformly tighten the bolts in several passes.

Tightening torque:
5 N·m (0.5 kgf-m, 3.6 ft-lb)

8) Pour ATF into the oil charge pipe.

Recommended fluid:
Dexron III type automatic transmission fluid

Fluid capacity:
9.3 — 9.6 l (9.8 — 10.1 US qt, 8.2 — 8.4 Imp qt)

9) Check the level of the ATF.

C: DISASSEMBLY SS02564A06

Refer to "AUTOMATIC TRANSMISSION" <Pub. No. G0864ZE> a separate publication.

D: ASSEMBLY SS02564A02

Refer to "AUTOMATIC TRANSMISSION" <Pub. No. G0864ZE> a separate publication.

E: INSPECTION SS02564A10

Refer to "AUTOMATIC TRANSMISSION" <Pub. No. G0864ZE> a separate publication.