

13. Control Valve Body S502564

A: REMOVAL S502564A18

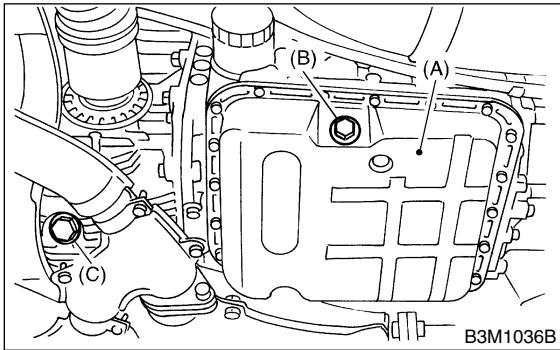
- 1) Clean transmission exterior.
- 2) Drain ATF completely.

NOTE:

Tighten ATF drain plug after draining ATF.

Tightening torque:

25 N·m (2.5 kgf·m, 18.1 ft-lb)



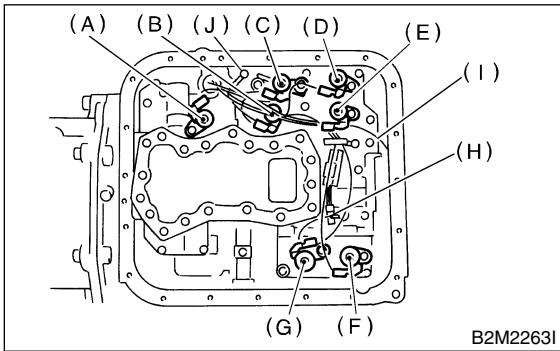
- (A) Oil pan
- (B) Drain plug
- (C) Differential oil drain plug

- 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 at 9 places.

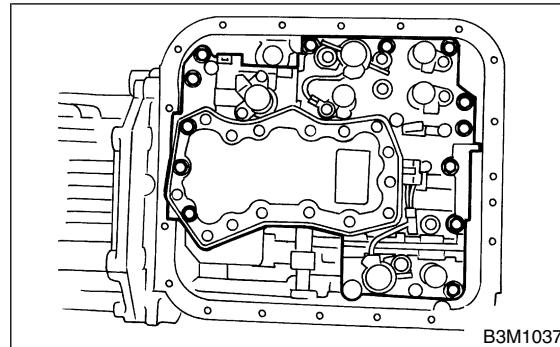


- (A) Lock-up duty solenoid (Blue)
- (B) Ground earth
- (C) Low clutch timing solenoid (Gray)
- (D) Lining pressure duty solenoid (Red)
- (E) Shift solenoid 2 (Yellow)
- (F) Shift solenoid 1 (Green)
- (G) 2-4 brake timing solenoid (Black)
- (H) 2-4 brake duty solenoid (Red)
- (I) ATF temperature sensor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

- 5) Remove the control valve.

CAUTION:

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

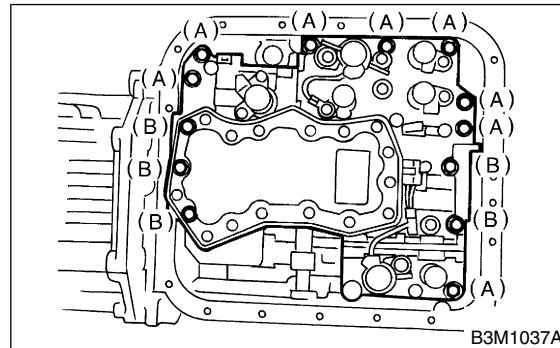


B: INSTALLATION S502564A11

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

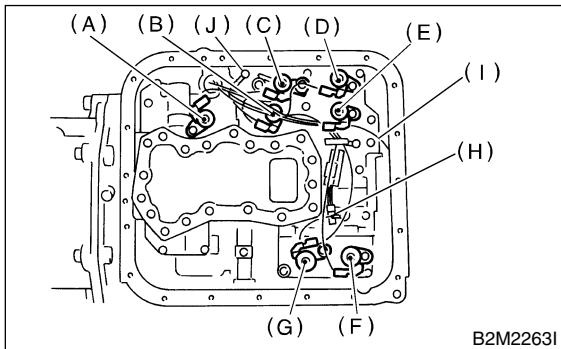
Tightening torque:

8 N·m (0.8 kgf·m, 5.8 ft-lb)



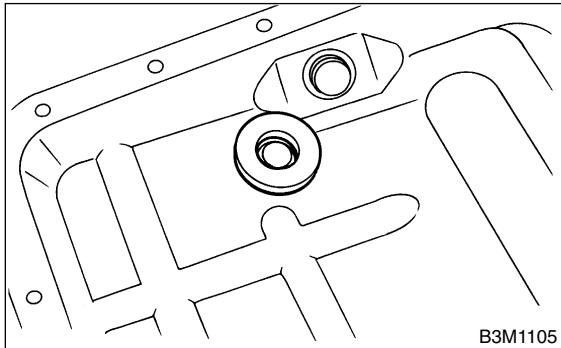
- (A) Short bolts
- (B) Long bolts

3) Connect all connector.

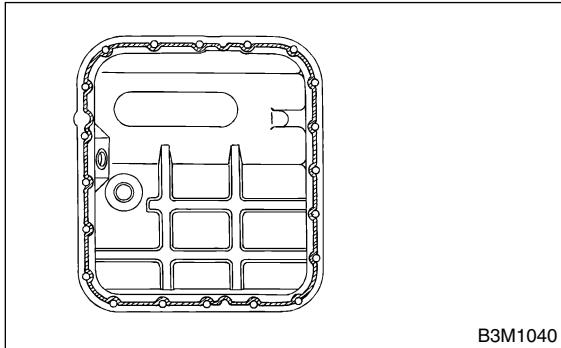


- (A) Lock-up duty solenoid (Blue)
- (B) Low clutch timing solenoid (Gray)
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- (D) Shift solenoid 2 (Yellow)
- (E) Shift solenoid 1 (Green)
- (F) 2-4 brake timing solenoid (Black)
- (G) 2-4 brake duty solenoid (Red)
- (H) ATF temperature sensor
- (I)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

4) Attach the magnet at the specified position.



5) Apply proper amount of liquid gasket (THREE BOND Part No. 1217B) to the entire oil pan mating surface.



6) Install the oil pan.

Tightening torque:

4.9 N·m (0.5 kgf·m, 3.6 ft-lb)

7) Pour ATF into the oil charge pipe.

Recommended fluid:

Dexron IIIE or Dexron III type automatic transmission fluid

Fluid capacity:

9.3 — 9.6 ℥ (9.8 — 10.1 US qt, 8.2 — 8.4 Imp qt)

8) Check the level of the ATF.

C: DISASSEMBLY S502564A06

Refer to "AT" section, a separate publication.

D: ASSEMBLY S502564A02

Refer to "AT" section, a separate publication.

E: INSPECTION S502564A10

Refer to "AT" section, a separate publication.