

Air Bleeding of Control Valve

AUTOMATIC TRANSMISSION

19. Air Bleeding of Control Valve

A: PROCEDURE

NOTE:

This section is specified for turbo model.

- 1) Lift-up the vehicle with shifting the select lever to "P" range and applying the parking brake.
- 2) Connect the Subaru Select Monitor to the vehicle.
- 3) Make sure there is no trouble code using Subaru Select Monitor.
- 4) Using Subaru Select Monitor, check that the ATF temperature is in less than 60°C (140°F). <Ref. to 4AT(diag)-2, PROCEDURE, Basic Diagnostic Procedure.>
- 5) Power OFF the Subaru Select Monitor.
- 6) Turn the ignition switch to "OFF".
- 7) Shift the select lever to "R" range.
- 8) Depress the brake pedal fully until the air bleeding is completed.
- 9) Turn the ignition switch to ON.
- 10) Shift the select lever to "P" range, and then wait for more than 3 seconds.
- 11) Shift the select lever to "R" range, and then wait for more than 3 seconds.
- 12) Shift the select lever to "N" range, and then wait for more than 3 seconds.
- 13) Shift the select lever to "D" range, and then wait for more than 3 seconds.
- 14) Shift the select lever to "N" range, and then wait for more than 3 seconds.
- 15) Slightly depress the accelerator pedal fully.
- 16) Slightly release the accelerator pedal fully.
- 17) Start the engine.
- 18) Shift the select lever to "D" range.
- 19) Turn the Subaru Select Monitor switch to ON.
- 20) Select {Each System Check} in «Main Menu» of Subaru Select Monitor.
- 21) On the «System Selection Menu» display screen, select the "Transmission". Air bleeding of control valve starts on transmission. At this time, the POWER indicator light in combination meter blinks at 2 Hz. When the POWER indicator light does not blink, repeat the procedures from step 4).
- 22) Air bleeding of control valve is finished when blinking of POWER indicator light in combination meter changes from 2 Hz to 0.5 Hz.

NOTE:

When blinking of POWER indicator light changes from 2 Hz to 4 Hz during air bleeding, repeat the procedure from step 4).

- 23) Shift the select lever to "N" range, and then turn the ignition switch to OFF.

- 24) Shift the select lever to the "P" range, and then finish the air bleeding.

NOTE:

After air bleeding operation, and execute the leaning control promotion. <Ref. to 4AT(D)(diag)-18, FACILITATION OF LEARNING CONTROL, OPERATION, Subaru Select Monitor.>