

13.AWD Warning Light Display

A: OPERATION

AWD warning light illuminates or blinks at start, or when AWD is faulty.

- If normal

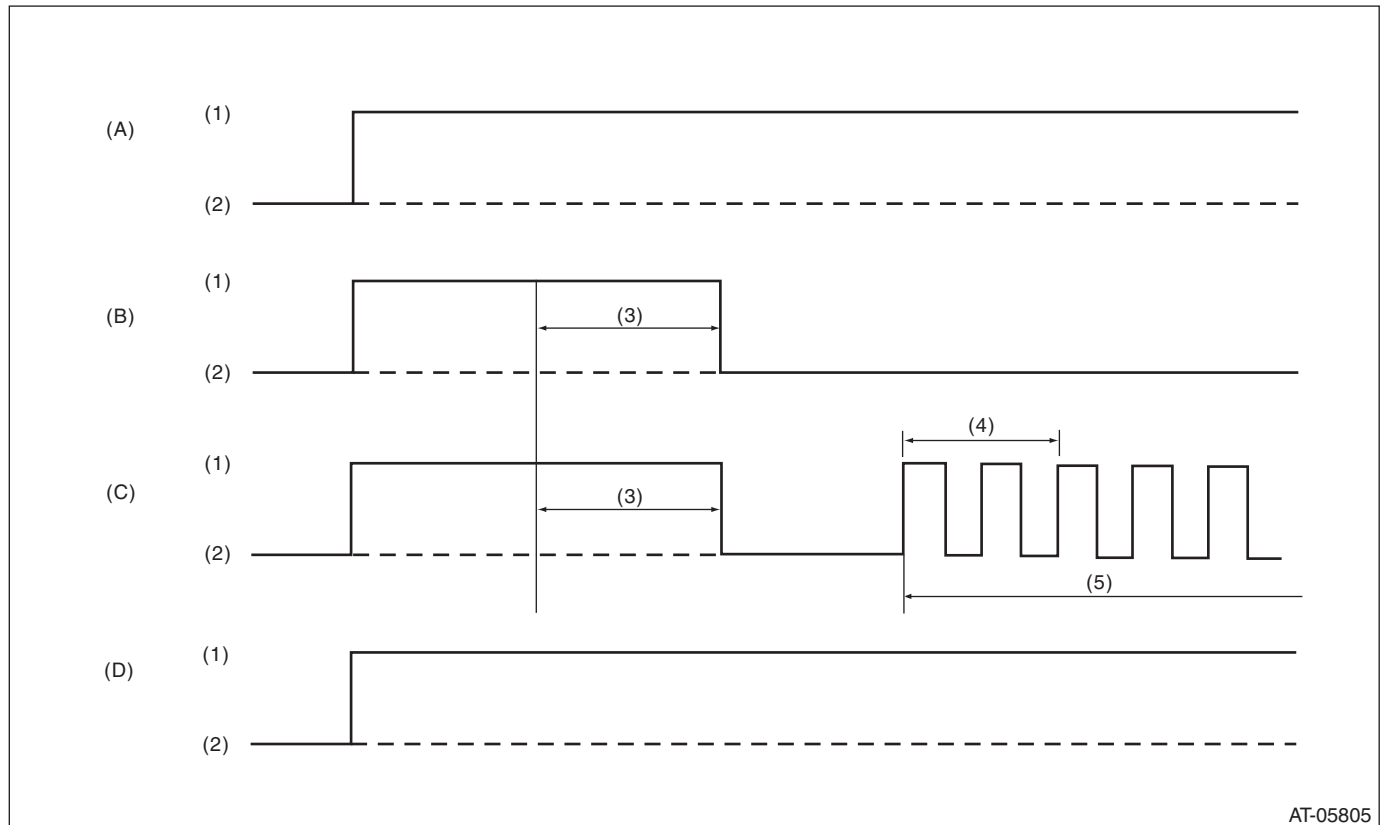
AWD light always illuminates when the ignition switch is ON (engine OFF). Light goes off after two seconds from engine ON.

- Faulty

AWD warning light blinks at 2 Hz, when tires with different diameters are installed, or when the vehicle is driven with air pressure of any of the four tires significantly low.

- When AWD is released

AWD warning light always illuminates when the fuse is installed on the FWD fuse holder and the AWD is released.



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(A) Ignition switch (engine OFF)

(C) Faulty (engine ON)

(D) When AWD is released (engine ON)

(B) Normal (engine ON)

(1) ON

(3) 2 seconds

(5) Blink

(2) OFF

(4) 1 second

If the AWD light does not illuminate, or illumination patterns are not as above, check the AWD light circuit.
<Ref. to 4AT(diag)-26, INSPECTION, AWD Warning Light Display.>

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AUTOMATIC TRANSMISSION (DIAGNOSTICS)

B: INSPECTION

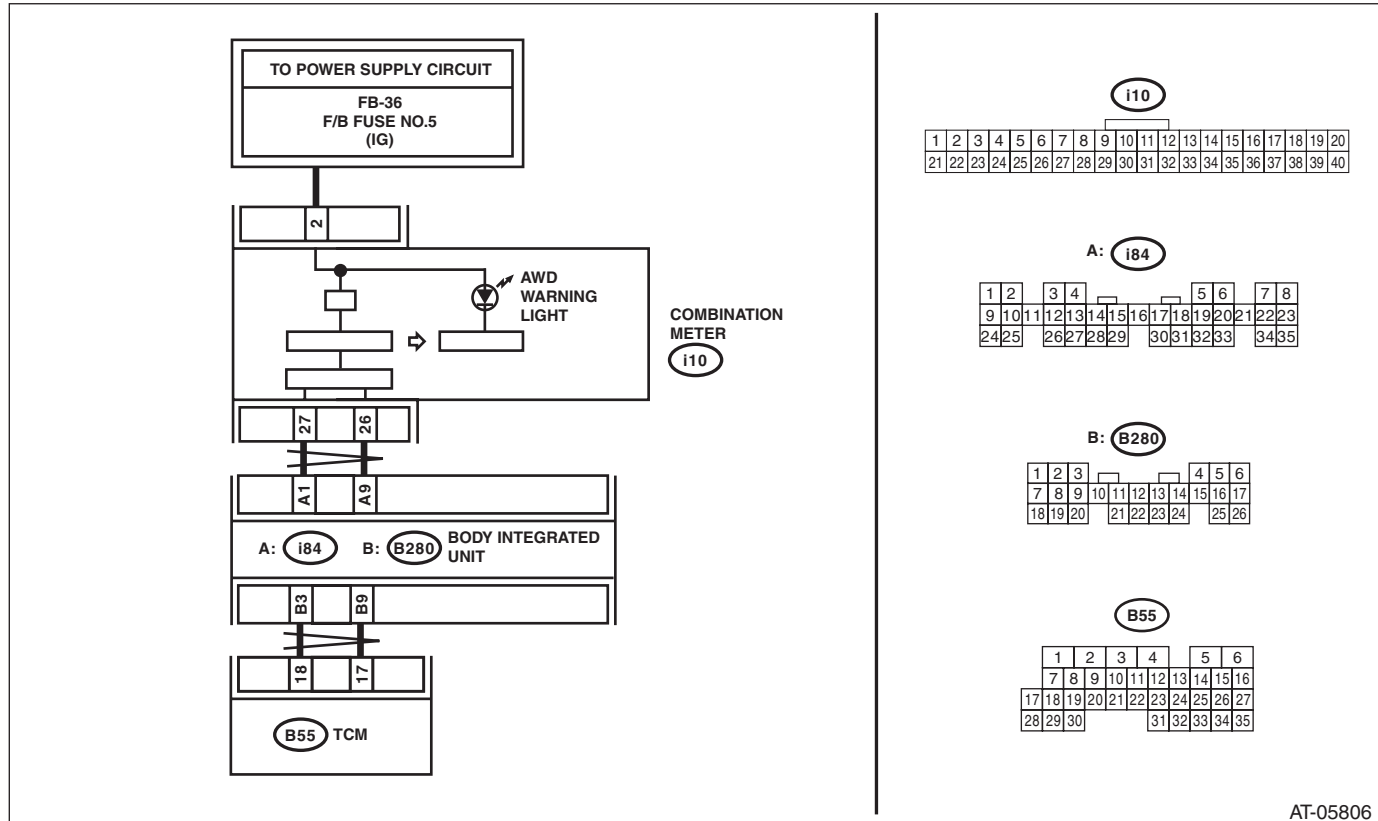
DIAGNOSIS:

- AWD light circuit is open or shorted.
- Combination meter malfunction
- TCM malfunction

TROUBLE SYMPTOM:

- When the ignition switch is turned to ON, the AWD light does not illuminate.
- AWD light remains lit after engine start.

WIRING DIAGRAM:



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Step	Check	Yes	No
1 CHECK AWD LIGHT. Turn the ignition switch to ON.	Does the AWD light illuminate?	Go to step 2.	Perform the self-diagnosis of combination meter. <Ref. to IDI-4, INSPECTION, Combination Meter System.>
2 CHECK AWD LIGHT. Start the engine.	Does AWD light go off after two seconds from engine start?	Current condition is normal. Go back to Basic Diagnostic Procedure. <Ref. to 4AT(diag)-2, Basic Diagnostic Procedure.>	Go to step 3.
3 CHECK DTC.	Is DTC of CAN communication displayed?	Perform the diagnosis according to DTC.	Go to step 4.

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Step	Check	Yes	No
4 CHECK COMBINATION METER. Perform the self-diagnosis of combination meter. <Ref. to IDI-4, INSPECTION, Combination Meter System.>	Is there any trouble with the combination meter?	Repair the combination meter.	Replace the TCM. <Ref. to 4AT-58, Transmission Control Module (TCM).>