

# AWD Warning Light Display

## MANUAL TRANSMISSION AND DIFFERENTIAL (DIAGNOSTICS)

### 11.AWD Warning Light Display

#### A: OPERATION

AWD light blinks when a fault occurs in AWD.

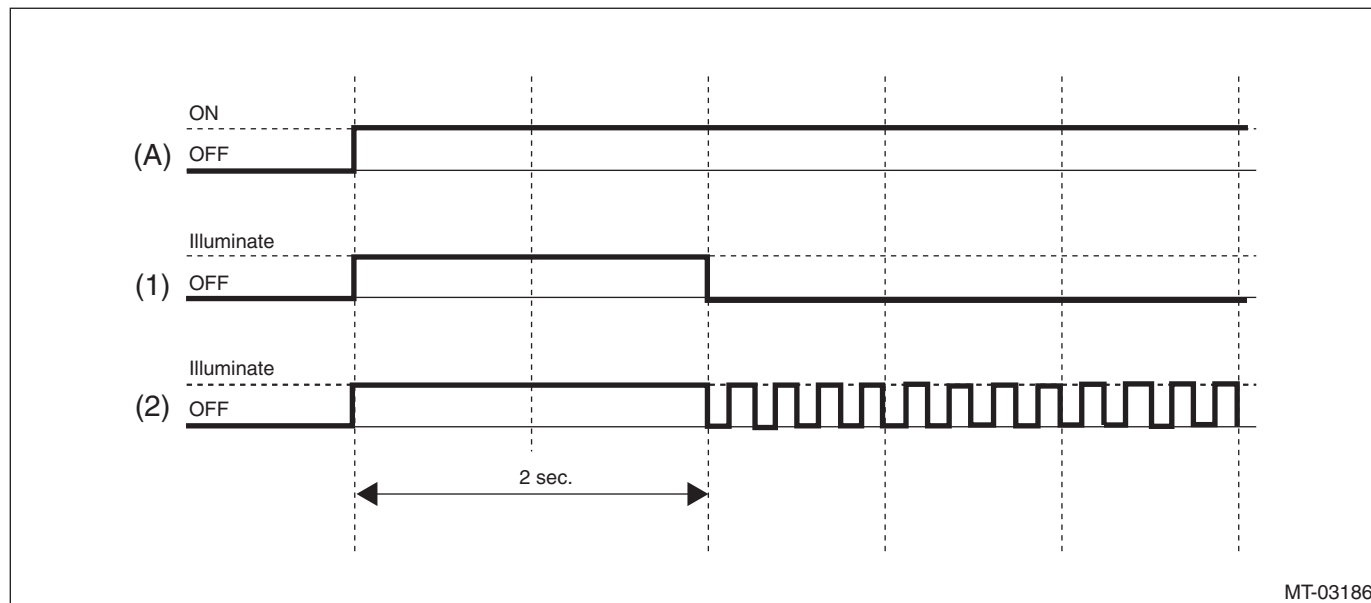
- At normal condition

After the ignition switch is turned to ON, AWD light illuminates for 2 seconds.

- When malfunction is detected

AWD light blinks at 2 Hz when any of the following malfunctions are detected with the ignition switch ON.

1. When tire with different diameter is installed.
2. When air pressure of any of four tires is excessively low.



(A) Ignition switch condition

(1) At normal condition

(2) When malfunction is detected

If the AWD light does not illuminate, or illumination patterns are not as above, check the AWD light circuit.  
<Ref. to 6MT(diag)-15, INSPECTION, AWD Warning Light Display.>

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MANUAL TRANSMISSION AND DIFFERENTIAL (DIAGNOSTICS)

## B: INSPECTION

### DIAGNOSIS:

- Defective CAN communication
- DCCD control module malfunction
- Combination meter malfunction

### TROUBLE SYMPTOM:

- When the ignition switch is turned to ON, the AWD light does not illuminate.
- AWD light illuminates after 2 seconds have elapsed after turning the ignition switch to ON.
- AWD light starts blinking right after 2 seconds have elapsed after turning the ignition switch to ON.

Step	Check	Yes	No
<b>1</b> <b>CHECK AWD LIGHT.</b> Turn the ignition switch to ON.	Does AWD light illuminate for 2 seconds after turning the ignition switch to ON?	Go to step 2.	Perform the self-diagnosis of combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>
<b>2</b> <b>CHECK AWD LIGHT.</b> 1) Turn the ignition switch to OFF. 2) Turn the ignition switch to ON.	Does AWD light go off after two seconds have elapsed after turning the ignition switch to ON?	Current condition is normal. Go back to Basic Diagnostic Procedure. <Ref. to 6MT(diag)-2, Basic Diagnostic Procedure.>	Go to step 3.
<b>3</b> <b>CHECK DTC.</b> Read the DTC of DCCD using the Subaru Select Monitor.	Is DTC displayed?	Perform the diagnosis according to DTC.	Go to step 4.
<b>4</b> <b>CHECK COMBINATION METER.</b> Perform the self-diagnosis of combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Is there any trouble with the combination meter?	Repair the combination meter.	Replace the DCCD control module. <Ref. to 6MT(TY85)-36, Driver's Control Center Differential Control Module.>