

## **Diagnostic Procedure with Diagnostic Trouble Code (DTC)**

TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

---

### **11.Diagnostic Procedure with Diagnostic Trouble Code (DTC)**

#### **A: DTC 11 TIRE 1 AIR PRESSURE DECREASE**

NOTE:

Refer to DTC 14 for diagnostic procedure. <Ref. to TPM(diag)-23, DTC 14 TIRE 4 AIR PRESSURE DECREASE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

#### **B: DTC 12 TIRE 2 AIR PRESSURE DECREASE**

NOTE:

Refer to DTC 14 for diagnostic procedure. <Ref. to TPM(diag)-23, DTC 14 TIRE 4 AIR PRESSURE DECREASE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

#### **C: DTC 13 TIRE 3 AIR PRESSURE DECREASE**

NOTE:

Refer to DTC 14 for diagnostic procedure. <Ref. to TPM(diag)-23, DTC 14 TIRE 4 AIR PRESSURE DECREASE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

### D: DTC 14 TIRE 4 AIR PRESSURE DECREASE

#### DTC DETECTING CONDITION:

Inflation pressure of tires dropped below the specified value.

#### NOTE:

For the specifications, refer to "CURRENT DATA". <Ref. to TPM(diag)-8, DATA DISPLAY, OPERATION, Subaru Select Monitor.>

#### TROUBLE SYMPTOM:

Tire pressure warning light illuminates.

| Step                                                                                                                                                                                                                                                                                                                                                    | Check                                       | Yes                                                                                                                 | No                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>1</b><br><b>CHECK TIRES.</b><br>Lift up the vehicle and check for damage in the tires.                                                                                                                                                                                                                                                               | Are there cracks or damage?                 | Repair or replace the tire. <Ref. to WT-5, Tire and Wheel.>                                                         | Go to step 2.            |
| <b>2</b><br><b>CHECK TIRES.</b><br>Check the tire air pressure.                                                                                                                                                                                                                                                                                         | Is the tire pressure in the specifications? | Go to step 3.                                                                                                       | Adjust the air pressure. |
| <b>3</b><br><b>CHECK TRANSMITTER.</b><br>Drive the vehicle at 40 km/h (25 MPH) or faster and compare the data from the transmitter on the four wheels.                                                                                                                                                                                                  | Is there a transmitter with different data? | Replace the transmitter (tire pressure sensor). <Ref. to WT-9, Tire Pressure Monitoring System.>                    | Go to step 4.            |
| <b>4</b><br><b>PERFORM DRIVING TEST.</b><br>1) Perform the Clear Memory Mode. <Ref. to TPM(diag)-8, CLEAR MEMORY, OPERATION, Subaru Select Monitor.><br>2) Perform a driving test. <Ref. to TPM(diag)-13, PROCEDURE, Inspection Mode.><br>3) Read the DTC. <Ref. to TPM(diag)-7, READ DIAGNOSTIC TROUBLE CODE (DTC), OPERATION, Subaru Select Monitor.> | Is DTC displayed?                           | Record the DTC. Perform the repair according to DTC. <Ref. to TPM(diag)-20, List of Diagnostic Trouble Code (DTC).> | Finish the diagnosis.    |

#### CAUTION:

When driving vehicle to perform driving test, there should be always 2 persons (driver and checker) to check.

### E: DTC 21 TRANSMITTER 1 NO DATA

#### NOTE:

Refer to DTC 24 for diagnostic procedure. <Ref. to TPM(diag)-24, DTC 24 TRANSMITTER 4 NO DATA, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

### F: DTC 22 TRANSMITTER 2 NO DATA

#### NOTE:

Refer to DTC 24 for diagnostic procedure. <Ref. to TPM(diag)-24, DTC 24 TRANSMITTER 4 NO DATA, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

### G: DTC 23 TRANSMITTER 3 NO DATA

#### NOTE:

Refer to DTC 24 for diagnostic procedure. <Ref. to TPM(diag)-24, DTC 24 TRANSMITTER 4 NO DATA, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

### H: DTC 24 TRANSMITTER 4 NO DATA

#### DTC DETECTING CONDITION:

Data from each transmitter is not received for 8 minutes.

#### TROUBLE SYMPTOM:

Tire pressure warning light blinks 25 times and then illuminates.

| Step                                                                                                                                                                                                                                                                                                                                                           | Check                             | Yes            | No                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------|------------------------------------------------------------------------------------------------|
| <b>1 START FL TRANSMITTER.</b><br>1) Connect the Subaru Select Monitor and then turn the ignition switch to ON.<br>2) Select "Transmit ID Monitor". <Ref. to TPM(diag)-9, DISPLAY TRANSMITTER (ID), OPERATION, Subaru Select Monitor.><br>3) Use the transmitter registration tool and transmit the ID from the FL transmitter to check "Latest reception ID". | Is "Latest reception ID" updated? | Go to step 2.  | Replace front left transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>      |
| <b>2 CHECK FL TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 1 registered ID.                                                                                                                                                                                                                                            | Are the two IDs same?             | Go to step 3.  | Record the received ID update as the FL transmitter. Go to step 3.                             |
| <b>3 START FR TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the FR transmitter to check "Latest reception ID".                                                                                                                                                                                                            | Is "Latest reception ID" updated? | Go to step 4.  | Replace the front right transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> |
| <b>4 CHECK FR TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 2 registered ID.                                                                                                                                                                                                                                            | Are the two IDs same?             | Go to step 5.  | Record the received ID update as the FR transmitter. Go to step 5.                             |
| <b>5 START RR TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the RR transmitter to check "Latest reception ID".                                                                                                                                                                                                            | Is "Latest reception ID" updated? | Go to step 6.  | Replace the RR transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>          |
| <b>6 CHECK RR TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 3 registered ID.                                                                                                                                                                                                                                            | Are the two IDs same?             | Go to step 7.  | Record the received ID update as the RR transmitter. Go to step 7.                             |
| <b>7 START RL TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the RL transmitter to check "Latest reception ID".                                                                                                                                                                                                            | Is "Latest reception ID" updated? | Go to step 8.  | Replace the RL transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>          |
| <b>8 CHECK RL TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 4 registered ID.                                                                                                                                                                                                                                            | Are the two IDs same?             | Go to step 9.  | Record the received ID update as the RL transmitter. Go to step 9.                             |
| <b>9 CHECK MALFUNCTION TRANSMITTER.</b>                                                                                                                                                                                                                                                                                                                        | Is ID recorded by this procedure? | Go to step 10. | Go to step 1.                                                                                  |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

| Step                                                                                                               | Check                              | Yes                                                                                                            | No                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>10</b><br><b>CHECK MALFUNCTION TRANSMITTER.</b><br>Check the registered ID of the transmitter indicated by DTC. | Is there checked ID in the record? | Replace the transmitter of the recorded position.<br><Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> | Replace the transmitter showing the latest ID that is not included in the registered IDs. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> |

### CAUTION:

When driving vehicle to perform driving test, there should be always 2 persons (driver and checker) to check.

### I: DTC 31 TRANSMITTER 1 PRESSURE DATA ABNORMAL

#### NOTE:

Refer to DTC 34 for diagnostic procedure. <Ref. to TPM(diag)-26, DTC 34 TRANSMITTER 4 PRESSURE DATA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

### J: DTC 32 TRANSMITTER 2 PRESSURE DATA ABNORMAL

#### NOTE:

Refer to DTC 34 for diagnostic procedure. <Ref. to TPM(diag)-26, DTC 34 TRANSMITTER 4 PRESSURE DATA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

### K: DTC 33 TRANSMITTER 3 PRESSURE DATA ABNORMAL

#### NOTE:

Refer to DTC 34 for diagnostic procedure. <Ref. to TPM(diag)-26, DTC 34 TRANSMITTER 4 PRESSURE DATA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

## Diagnostic Procedure with Diagnostic Trouble Code (DTC)

### TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

#### L: DTC 34 TRANSMITTER 4 PRESSURE DATA ABNORMAL

##### DTC DETECTING CONDITION:

- When comparing the data from each transmitter to the previous data, the change is large.
- The pressure exceeds what the transmitter can measure. (Excessive pressure)

##### TROUBLE SYMPTOM:

Tire pressure warning light blinks 25 times and then illuminates.

| Step                                                                                                                                                                                                                                                                                                                                                                   | Check                             | Yes            | No                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------|------------------------------------------------------------------------------------------------|
| <b>1 START FL TRANSMITTER.</b><br>1) Connect the Subaru Select Monitor and then turn the ignition switch to ON.<br>2) Select "Transmitter ID data monitor". <Ref. to TPM(diag)-9, DISPLAY TRANSMITTER (ID), OPERATION, Subaru Select Monitor.><br>3) Use the transmitter registration tool and transmit the ID from the FL transmitter to check "Latest reception ID". | Is "Latest reception ID" updated? | Go to step 2.  | Replace front left transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>      |
| <b>2 CHECK FL TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 1 registered ID.                                                                                                                                                                                                                                                    | Are the two IDs same?             | Go to step 3.  | Record the received ID update as the FL transmitter. Go to step 3.                             |
| <b>3 START FR TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the FR transmitter to check "Latest reception ID".                                                                                                                                                                                                                    | Is "Latest reception ID" updated? | Go to step 4.  | Replace the front right transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> |
| <b>4 CHECK FR TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 2 registered ID.                                                                                                                                                                                                                                                    | Are the two IDs same?             | Go to step 5.  | Record the received ID update as the FR transmitter. Go to step 5.                             |
| <b>5 START RR TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the RR transmitter to check "Latest reception ID".                                                                                                                                                                                                                    | Is "Latest reception ID" updated? | Go to step 6.  | Replace the RR transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>          |
| <b>6 CHECK RR TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 3 registered ID.                                                                                                                                                                                                                                                    | Are the two IDs same?             | Go to step 7.  | Record the received ID update as the RR transmitter. Go to step 7.                             |
| <b>7 START RL TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the RL transmitter to check "Latest reception ID".                                                                                                                                                                                                                    | Is "Latest reception ID" updated? | Go to step 8.  | Replace the RL transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>          |
| <b>8 CHECK RL TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 4 registered ID.                                                                                                                                                                                                                                                    | Are the two IDs same?             | Go to step 9.  | Record the received ID update as the RL transmitter. Go to step 9.                             |
| <b>9 CHECK MALFUNCTION TRANSMITTER.</b>                                                                                                                                                                                                                                                                                                                                | Is ID recorded by this procedure? | Go to step 10. | Go to step 1.                                                                                  |

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

| Step                                                                                                               | Check                              | Yes                                                                                                            | No                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>10</b><br><b>CHECK MALFUNCTION TRANSMITTER.</b><br>Check the registered ID of the transmitter indicated by DTC. | Is there checked ID in the record? | Replace the transmitter of the recorded position.<br><Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> | Replace the transmitter showing the latest ID that is not included in the registered IDs. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> |

### **M: DTC 41 TRANSMITTER 1 FUNCTION CODE ABNORMAL**

#### NOTE:

Refer to DTC 44 for diagnostic procedure. <Ref. to TPM(diag)-28, DTC 44 TRANSMITTER 4 FUNCTION CODE ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

### **N: DTC 42 TRANSMITTER 2 FUNCTION CODE ABNORMAL**

#### NOTE:

Refer to DTC 44 for diagnostic procedure. <Ref. to TPM(diag)-28, DTC 44 TRANSMITTER 4 FUNCTION CODE ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

### **O: DTC 43 TRANSMITTER 3 FUNCTION CODE ABNORMAL**

#### NOTE:

Refer to DTC 44 for diagnostic procedure. <Ref. to TPM(diag)-28, DTC 44 TRANSMITTER 4 FUNCTION CODE ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

# Diagnostic Procedure with Diagnostic Trouble Code (DTC)

## TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

### P: DTC 44 TRANSMITTER 4 FUNCTION CODE ABNORMAL

#### DTC DETECTING CONDITION:

Unexpected function codes received from each transmitter.

#### TROUBLE SYMPTOM:

Tire pressure warning light blinks 25 times and then illuminates.

| Step                                                                                                                                                                                                                                                                                                                                                           | Check                             | Yes            | No                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------|------------------------------------------------------------------------------------------------|
| <b>1 START FL TRANSMITTER.</b><br>1) Connect the Subaru Select Monitor and then turn the ignition switch to ON.<br>2) Select "Transmit ID Monitor". <Ref. to TPM(diag)-9, DISPLAY TRANSMITTER (ID), OPERATION, Subaru Select Monitor.><br>3) Use the transmitter registration tool and transmit the ID from the FL transmitter to check "Latest reception ID". | Is "Latest reception ID" updated? | Go to step 2.  | Replace front left transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>      |
| <b>2 CHECK FL TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 1 registered ID.                                                                                                                                                                                                                                            | Are the two IDs same?             | Go to step 3.  | Record the received ID update as the FL transmitter. Go to step 3.                             |
| <b>3 START FR TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the FR transmitter to check "Latest reception ID".                                                                                                                                                                                                            | Is "Latest reception ID" updated? | Go to step 4.  | Replace the front right transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> |
| <b>4 CHECK FR TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 2 registered ID.                                                                                                                                                                                                                                            | Are the two IDs same?             | Go to step 5.  | Record the received ID update as the FR transmitter. Go to step 5.                             |
| <b>5 START RR TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the RR transmitter to check "Latest reception ID".                                                                                                                                                                                                            | Is "Latest reception ID" updated? | Go to step 6.  | Replace the RR transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>          |
| <b>6 CHECK RR TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 3 registered ID.                                                                                                                                                                                                                                            | Are the two IDs same?             | Go to step 7.  | Record the received ID update as the RR transmitter. Go to step 7.                             |
| <b>7 START RL TRANSMITTER.</b><br>Use the transmitter registration tool and transmit the ID from the RL transmitter to check "Latest reception ID".                                                                                                                                                                                                            | Is "Latest reception ID" updated? | Go to step 8.  | Replace the RL transmitter. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.>          |
| <b>8 CHECK RL TRANSMITTER ID.</b><br>Check the ID displayed in the updated ID display and the tire 4 registered ID.                                                                                                                                                                                                                                            | Are the two IDs same?             | Go to step 9.  | Record the received ID update as the RL transmitter. Go to step 9.                             |
| <b>9 CHECK MALFUNCTION TRANSMITTER.</b>                                                                                                                                                                                                                                                                                                                        | Is ID recorded by this procedure? | Go to step 10. | Go to step 1.                                                                                  |

## Diagnostic Procedure with Diagnostic Trouble Code (DTC)

### TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

| Step                                                                                                               | Check                              | Yes                                                                                                            | No                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>10</b><br><b>CHECK MALFUNCTION TRANSMITTER.</b><br>Check the registered ID of the transmitter indicated by DTC. | Is there checked ID in the record? | Replace the transmitter of the recorded position.<br><Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> | Replace the transmitter showing the latest ID that is not included in the registered IDs. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> |

#### **Q: DTC 51 TRANSMITTER 1 BATTERY VOLTAGE DECREASE**

**NOTE:**

Refer to DTC 54 for diagnostic procedure. <Ref. to TPM(diag)-30, DTC 54 TRANSMITTER 4 BATTERY VOLTAGE DECREASE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

#### **R: DTC 52 TRANSMITTER 2 BATTERY VOLTAGE DECREASE**

**NOTE:**

Refer to DTC 54 for diagnostic procedure. <Ref. to TPM(diag)-30, DTC 54 TRANSMITTER 4 BATTERY VOLTAGE DECREASE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

#### **S: DTC 53 TRANSMITTER 3 BATTERY VOLTAGE DECREASE**

**NOTE:**

Refer to DTC 54 for diagnostic procedure. <Ref. to TPM(diag)-30, DTC 54 TRANSMITTER 4 BATTERY VOLTAGE DECREASE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

## Diagnostic Procedure with Diagnostic Trouble Code (DTC)

### TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

---

#### T: DTC 54 TRANSMITTER 4 BATTERY VOLTAGE DECREASE

##### DTC DETECTING CONDITION:

Low battery signals received 20 times from each transmitter.

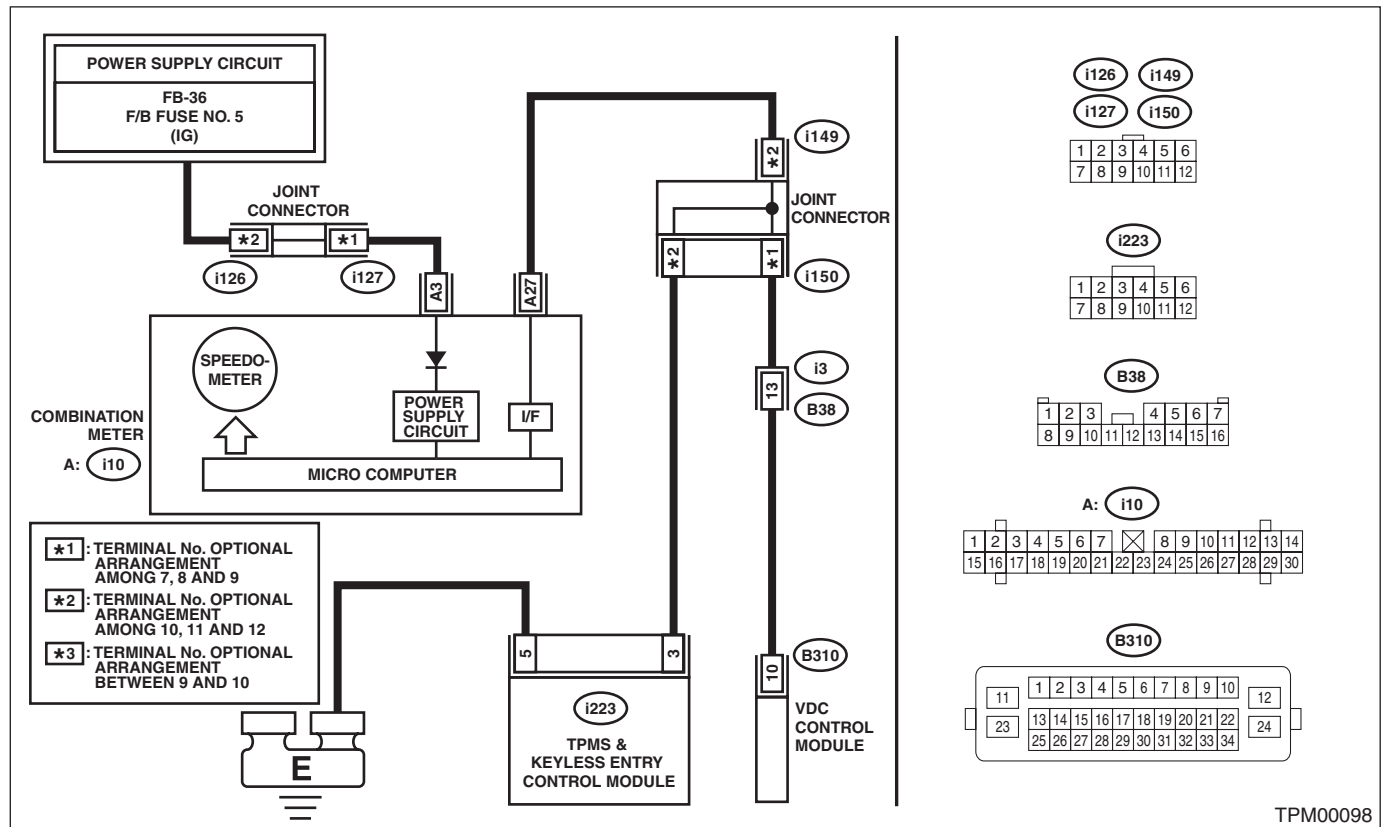
##### TROUBLE SYMPTOM:

Tire pressure warning light blinks 25 times and then illuminates.

| Step                                                                                                                                                                                                                                                                                                                                  | Check                    | Yes                                                                                                                                     | No                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b><br><b>CHECK TRANSMITTER.</b><br>1) Replace all transmitters and register their IDs. <Ref. to WT-9, TRANSMITTER (SNAP IN TYPE), REMOVAL, Tire Pressure Monitoring System.> <Ref. to TPM(diag)-9, REGISTER TRANSMITTER (ID), OPERATION, Subaru Select Monitor.><br>2) Perform the Clear Memory Mode, and perform driving test. | Is the fault eliminated? | Internal battery of the transmitter had worn out. <Ref. to WT-9, TRANSMITTER (SNAP IN TYPE), REMOVAL, Tire Pressure Monitoring System.> | Replace the TPMS & keyless entry control module. <Ref. to WT-9, TPMS & keyless entry control module, REMOVAL, Tire Pressure Monitoring System.> |

## TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

### WIRING DIAGRAM:



|   | Step                                                                                                                                                                                                                                                                                                                                                                                              | Check                              | Yes                                                                                                        | No                                                 |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1 | <p><b>CHECK TPMS &amp; KEYLESS ENTRY CONTROL MODULE.</b></p> <p>1) Connect an oscilloscope to the terminal No. 3 of the TPMS &amp; keyless entry control module connector (i223).</p> <p><b>Connector &amp; terminal (i223) No. 3 (+) — Chassis ground (-):</b></p> <p>2) Lift up the vehicle and then drive the vehicle at 40 km/h (25 MPH) and check the vehicle speed signal at that time.</p> | Is the vehicle speed being input?  | Replace the TPMS & keyless entry control module. <Ref. to WT-9, REMOVAL, Tire Pressure Monitoring System.> | Go to step 2.                                      |
| 2 | <p><b>CHECK HARNESS.</b></p> <p>1) Disconnect the combination meter connector (i10).</p> <p>2) Connect the tester to the TPMS &amp; keyless entry control module connector (i223) and combination meter connector (i10), and measure the resistance.</p> <p><b>Connector &amp; terminal (i223) No. 3 — (i10) No. 27:</b></p>                                                                      | Is the resistance less than 0.5 Ω? | Check the combination meter. <Ref. to IDI-11, REMOVAL, Combination Meter.>                                 | Repair or replace the open circuit of the harness. |