

PROBLEM SYMPTOMS TABLE

HINT:

- Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.
- Inspect the fuses and relays related to this system before inspecting the suspected areas below.

Tire pressure warning system

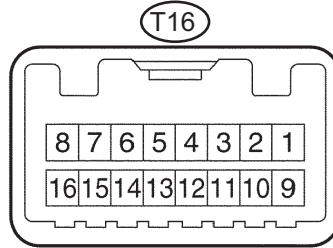
Symptom	Suspected Area	See page
Tire pressure warning light does not illuminate, despite tire pressure decreasing	Check DATA LIST (Tire inflation pressure)	TW-25
	ID code check (Registration)	TW-13
Tire pressure warning light illuminated (Goes off during initial check)	ECU power source circuit	TW-61
	Tire pressure warning light circuit	TW-58
Tire pressure warning light illuminated (Comes on during initial check)	Check DATA LIST (Tire inflation pressure)	TW-25
	Tire pressure warning light circuit	TW-58
	ID code check (Registration)	TW-13
DTC check cannot be done	TC and CG terminal circuit	TW-64
	ECU power source circuit	TW-61

TERMINALS OF ECU

HINT:

Inspect the connectors from the backside while the connectors are connected.

1. CHECK TIRE PRESSURE WARNING ECU



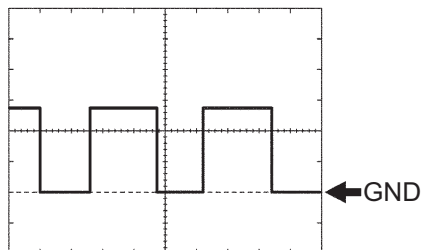
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Terminal No. (Symbols)	Wiring Color	Terminal Description	Condition	Specified Condition
T16-2 (IG) - T16-11 (GND)	B-R - W-B	IG power source	Ignition switch ON	10 to 16 V
T16-3 (SPD) - T16-11 (GND)	V-R - W-B	Vehicle speed signal	Ignition switch ON	Pulse generation (see waveform 1)
T16-4 (SIL) - T16-11 (GND)	R-Y - W-B	Diagnostic communication terminal	- Ignition switch ON - Intelligent tester is connected to DLC3	8 to 15 V
T16-6 (IND) - T16-11 (GND)	P-B - W-B	Tire pressure warning light signal	Ignition switch ON	8 to 15 V
T16-8 (RF5V) - T16-11 (GND)	L - W-B	Tire pressure warning antenna and receiver power source	Ignition switch ON	4.5 to 5.5 V
T16-7 (RDA) - T16-11 (GND)	GR - W-B	Tire pressure warning antenna and receiver signal	- Ignition switch ON - Tire pressure warning antenna and receiver is not connected	10 to 14 V
T16-16 (GND2) - T16-11 (GND)	LG-B - W-B	Tire pressure warning antenna and receiver ground	Always	Below 1 Ω
T16-11 (GND) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
T16-12 (TC) - T16-11 (GND)	P-L - W-B	TC terminal	When terminal TC is not connected	8 to 15 V

TW

2. Waveform 1 (Reference)

(a) Waveform



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Item	Contents
Terminal No. (Symbols)	T16-3 (SPD) - T16-11 (GND)
Tool setting	5 V/DIV., 200 ms/DIV.
Vehicle condition	While driving at approximately 20 km/h (12 mph).