Tire Pressure Warning Light Circuit

DESCRIPTION

If the ECU detects trouble, the tire pressure warning light blinks (comes on after blinking for 1 minute) and tire pressure monitor is cancelled at the same time. At this time, the ECU records a DTC in the memory. Connect terminals TC and CG of DLC3 to make the tire pressure warning light blink and output the DTC.

WIRING DIAGRAM



INSPECTION PROCEDURE

NOTICE:

When replacing the tire pressure warning ECU, read the transmitter IDs stored in the old ECU using the intelligent tester and write them down before removal.

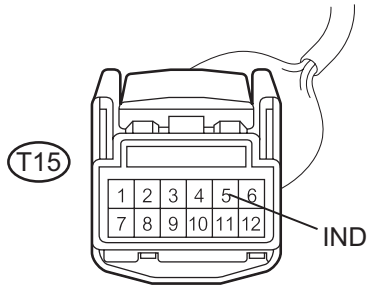
It is necessary to perform initialization (See page TW-23) after registration (See page TW-20) of the transmitter IDs into the tire pressure warning ECU, after the ECU has been replaced.

HINT:

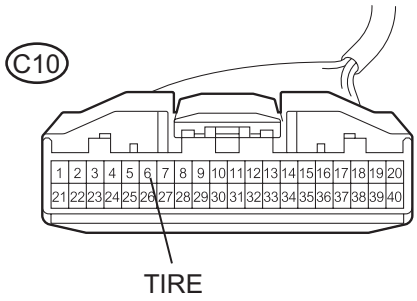
This procedure must be performed according to the PROBLEM SYMPTOMS TABLE.

1 CHECK HARNESS AND CONNECTOR (COMBINATION METER - TIRE PRESSURE WARNING ECU)

Front view of wire harness connector:
(to Tire Pressure Warning ECU)



Front view of wire harness connector:
(to Combination Meter)



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(a) Disconnect the C10 combination meter connector.
(b) Disconnect the T15 tire pressure warning ECU connector.
(c) Measure the resistance according to the value(s) in the table below.

Standard resistance

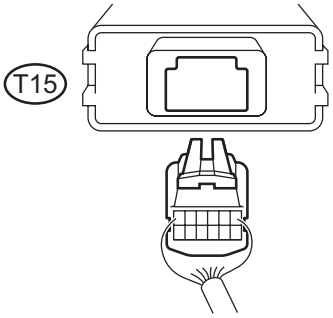
Tester Connection	Condition	Specified Condition
C10-6 (TIRE) - T15-5 (IND)	Always	Below 1 Ω
C10-6 (TIRE) - Body ground		10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

2 INSPECT COMBINATION METER

Component without harness connected:
(Tire Pressure Warning ECU)



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(a) Disconnect the connector from the tire pressure warning ECU.
(b) Turn the ignition switch to the ON position, and check if the tire pressure warning light illuminates.

Result

Result	Proceed to
Illuminates	A
Does not illuminate	B

B → **REPLACE COMBINATION METER (See page ME-51)**

TW

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REPLACE TIRE PRESSURE WARNING ECU (See page TW-87)