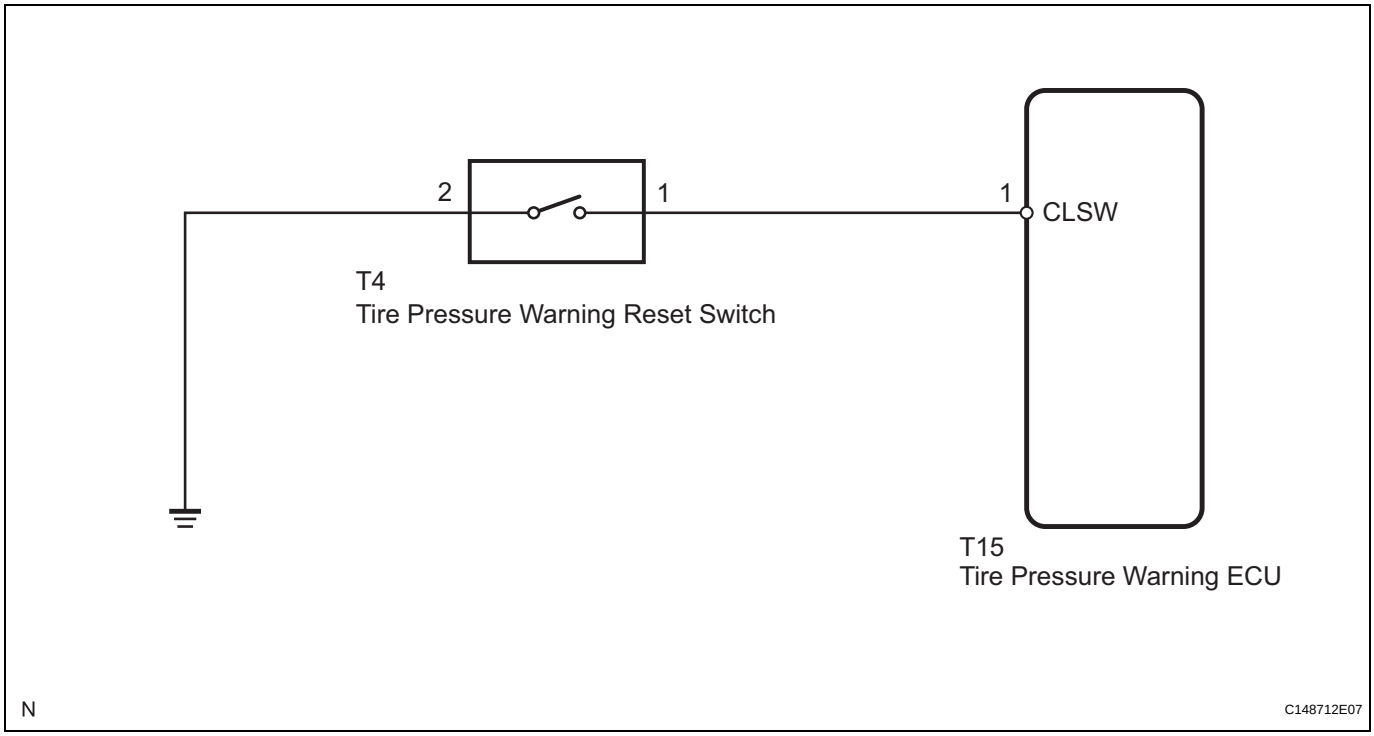
Tire Pressure Warning Reset Switch Circuit

DESCRIPTION

The ECU enters the initialization mode and performs initialization automatically, when the tire pressure warning ECU receives the signal from the tire pressure warning reset switch. If the ECU receives the signal, the tire pressure warning light blinks 3 times (1 second on, 1 second off).

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK TIRE PRESSURE WARNING RESET SWITCH FUNCTION

(a) Perform the tire pressure warning reset switch test in TEST MODE PROCEDURE (See page TW-25).

OK:

Reset switch ON:

Tire pressure warning light comes on.

Reset switch OFF:

Tire pressure warning light blinks.

NG → **Go to step 2**

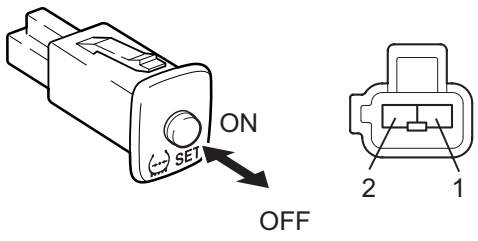
OK

END

TW

2 INSPECT TIRE PRESSURE WARNING RESET SWITCH

Tire Pressure Warning Reset Switch:



(a) Disconnect the tire pressure warning reset switch connector.

(b) Measure the resistance between terminals 1 and 2 of the tire pressure warning reset switch when the tire pressure warning switch is ON and OFF.

Standard resistance

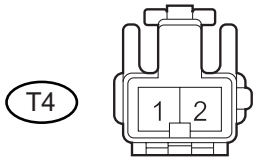
Tester Connection	Switch Condition	Specified Condition
1 - 2	ON	Below 1 Ω
1 - 2	OFF	10 kΩ or higher

NG → **REPLACE TIRE PRESSURE WARNING RESET SWITCH (See page TW-91)**

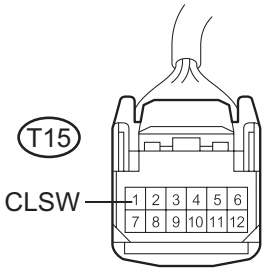
OK

3 CHECK HARNESS AND CONNECTOR (TIRE PRESSURE WARNING RESET SW - TIRE PRESSURE WARNING ECU)

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



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



(a) Disconnect the tire pressure warning reset switch T4 connector and tire pressure warning ECU T15 connector.

(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
T15-1 (CLSW) - T4-1	Always	Below 1 Ω
T15-1 (CLSW) - Body ground		10 kΩ or higher
T4-2 - Body ground		Below 1 Ω

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

OK

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

TW