



**Technical Service
BULLETIN**

December 12, 2007

Title:

**TIRE PRESSURE WARNING
SYSTEM INITIALIZATION**

Models:

'09 Matrix

**PRE-DELIVERY SERVICE
PD155-07**

Introduction The 2009 model year Matrix is equipped with a direct-type Tire Pressure Warning System (TPWS). A Tire Pressure Warning System valve/sensor is mounted into each tire (except the spare tire), and the measured tire pressure data is transmitted through a Tire Pressure Warning System antenna/receiver to the TPWS ECU.

During Pre-Delivery Service (PDS), the tire pressure must be set to specification as indicated on the Tire and Loading Information label, located inside the driver's door opening. Follow the procedure below to initialize the TPWS.

NOTE:

The Tire Pressure Warning System valves/sensors are activated at the manufacturing plant. Only the initialization process is required during PDS.

- Applicable Vehicles**
- 2009 model year **Matrix** vehicles.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS techstream* NOTE: Software version 2.20.015 or later is required.	ADE	TSPKG1	1



* Essential SST.

NOTE:

- Additional TIS techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- The Toyota Diagnostic Tester and CAN Interface Module may also be used to perform the service procedures listed in this bulletin.

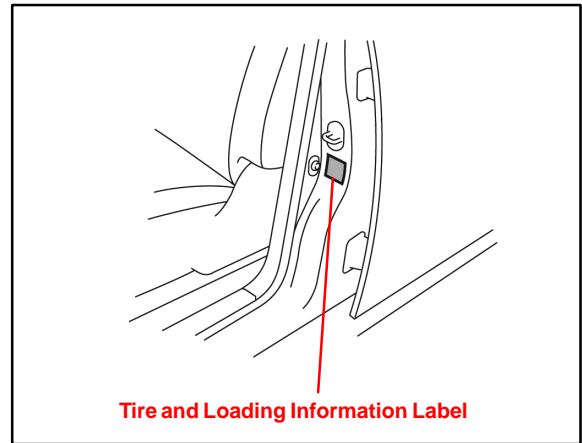
Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	-	-	-	-

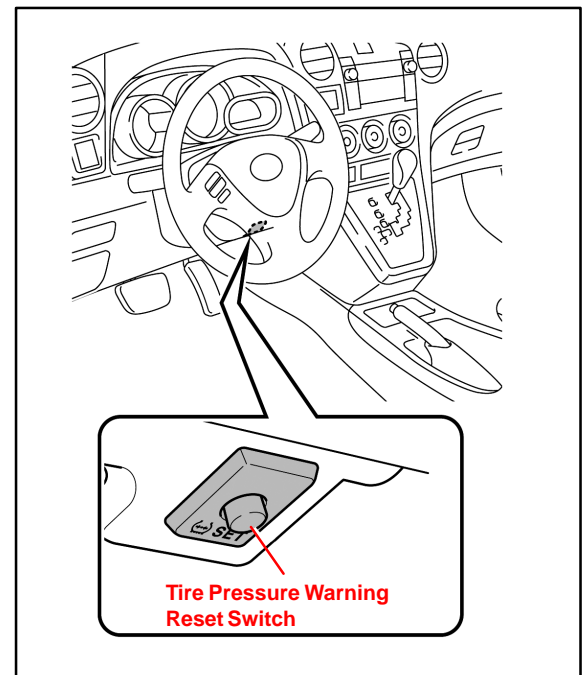


Initialization Procedure

1. Adjust all tires (**except the spare tire**) to the standard tire inflation pressure, as indicated on the Tire and Loading Information label on the vehicle.



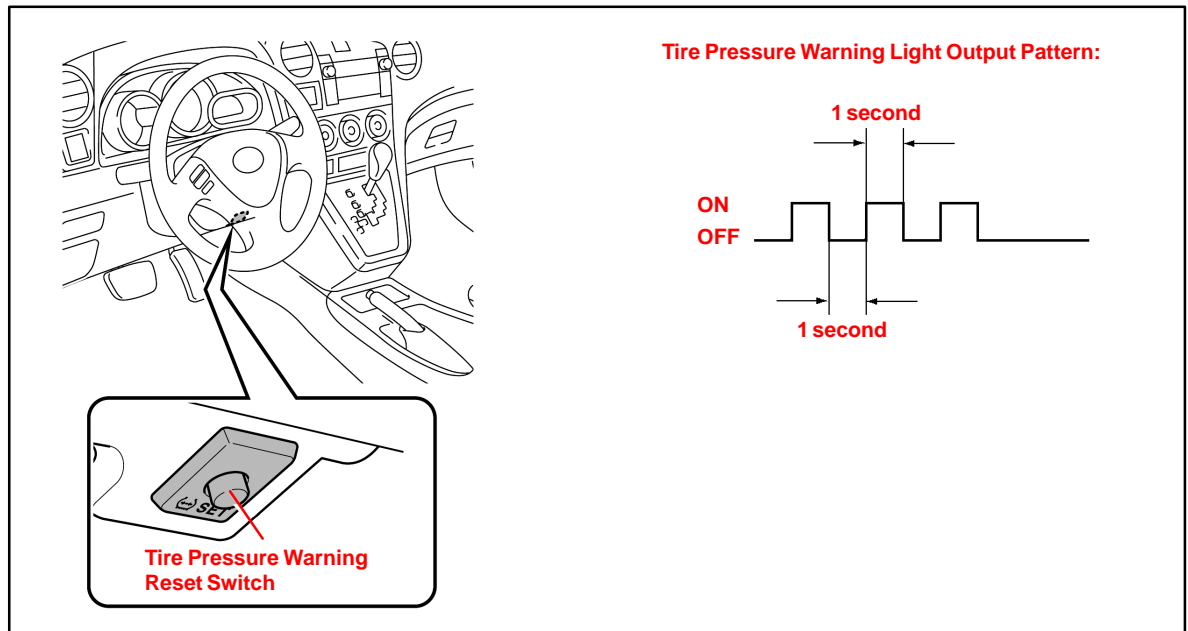
2. Turn the ignition switch to the “ON” position and check that the the Low Tire Pressure Warning Light is OFF.



Initialization Procedure
(Continued)

3. Push and hold the Tire Pressure Warning “SET” Switch until the Low Tire Pressure Warning Light blinks 3 times and then turns OFF, indicating the system initialization has begun.

The ignition switch **MUST** be left in the “ON” position for **AT LEAST 7 minutes** for initialization to complete.



IMPORTANT:

Initialization will **NOT** complete if the ignition switch is **NOT** left in the “ON” position for **AT LEAST 7 minutes**.

4. Connect TIS techstream to DLC3.
5. Select the Tire Pressure Warning System Data List.
TPWS ECU / DATA LIST / TIREPRESS 1 – 4
6. Confirm that each tire pressure on the TIS techstream Data List shows the set value from step 1.
 - If the tire pressure is correct, initialization is complete.
 - If the tire pressure is incorrect, check the tire pressure gauge and repeat steps 1 – 6.
7. Adjust tire inflation pressure to the specified level.

NOTE:

- If there is great difference between the current temperature of the tire and wheel (for example: shop temperature) and expected temperature (for example: outdoor temperature), this needs to be considered when adjusting the tire pressure.
- Adjust the tire pressure when the tires are cold.