


Tire Pressure Warning System Activation & Initialization

Service Category General

Section Pre-Delivery Service

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2017	RX350, RX450H	

Introduction

2017 model year RX 350 and RX 450h vehicles are equipped with a direct-type Tire Pressure Warning System (TPWS). Each tire (excluding the spare tire) has a tire pressure warning valve/sensor that measures tire pressure. The data is transmitted to the Tire Pressure Warning System antenna/receiver and then to the Tire Pressure Warning System ECU.

After adjusting ALL tires to the standard air pressure, perform initialization of the tire pressure warning system during Pre-Delivery Service (PDS) according to the procedure outlined below.

Warranty Information

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

Tire Pressure Warning System Activation & Initialization

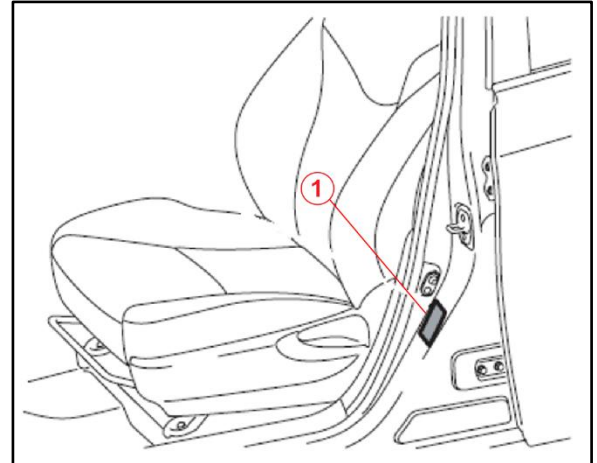
Initialization Procedure

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

NOTE

- To adjust tire pressure correctly when outside temperature is significantly colder than shop temperature, perform a Health Check using Techstream and select the “Compensation Tire Pressure” checkbox. Compensation pressures will be displayed on the Health Check results screen.
- Adjust the tire pressure when the tires are cold.

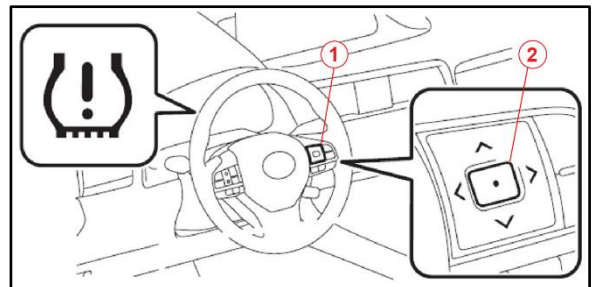
Figure 1.



1	Tire and Loading Information Label
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2. Cycle the ignition switch to the “IG-ON” position and use the Steering Pad Switch Assembly to select “TPMS” on the multi-information display.
3. Press and hold the “ENTER” Switch until the Tire Pressure Warning Light blinks 3 times.

Figure 2.



1	Steering Pad Switch Assembly
2	ENTER Switch

4. Cycle the ignition to “OFF” and then to “IG-ON.”

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Initialization Procedure (Continued)

5. Check the tire pressure values of all the tires using Techstream.

Chassis / Tire Pressure Monitor / Data List

NOTE

- The order in which the data is received is random.
- It can take 2 – 3 minutes for the tire pressure values to be displayed on the Techstream Data List.
- If the signals from ALL the wheels are received and the Data List “ID Tire Inflation Pressure” displays, initialization is completed.
- If initialization has not been completed successfully, DTC C2177/77 is stored after a vehicle speed of at least 23 mph (37 km/h) continues for 20 minutes or more. Please refer to speed of at least 23 mph (37 km/h) continues for 20 minutes or more. Please refer to the Repair Manual for further diagnosis.

6. Remove and discard ID number labels if attached to the wheels.