

TIRE PRESSURE MONITORING SYSTEM OPERATION RECORD INSPECTION

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Operation record verification procedure

1. Connect the M-MDS to the DLC-2.
2. After vehicle identification, select the following from the M-MDS initialization screen.
(1) Operation Record
3. Then, select the following from the screen menu.
(1) Tire Pressure Monitoring System (TPMS)
4. Display the tire pressure monitoring system (TPMS) operation record according to the screen instructions.

Operation record use example

For a customer who states that the tire pressure monitoring warning light was illuminated, verify if the customer knows how to correctly use the tire pressure monitoring system set switch, and give them advice on how to use it if necessary.

Example

Operation record display

TPMS Learning Reset Button Record			
	Last time	2nd time ago	3rd time ago
Elapsed Days	65535 days	65535 days	65535 days
Odometer	0 m	0 m	0 m
TPMS Warning Lamp illumination			
	Last time	2nd time ago	3rd time ago
Elapsed Days	4 days	65535 days	65535 days
Odometer	403 km	0 m	0 m
Speed	38 KPH	0 KPH	0 KPH
Maximum Vehicle Speed	101 KPH	0 KPH	0 KPH

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The following can be understood from the operation record display indicated above.

- Tire pressure monitoring system set switch operation record (M-MDS display: TPMS Learning Reset Button Record)
 - Elapsed days displayed is 65,535 (displays if operation record is not recorded), and the tire pressure monitoring system set switch has not been pressed even once.
- Tire pressure monitoring system warning light illumination operation record (M-MDS display: TPMS Warning Lamp illumination)
 - The DSC HU/CM detects a low tire pressure four days ago, and the total traveled distance (M-MDS display: Odometer) at that time was 403 km {250 mile}, and the vehicle speed (M-MDS display: Speed) was 38 km/h {24 mph}, and the maximum vehicle speed from when the pressure monitoring system warning light illuminated was 101 km/h {62.8 mph}.

Based on the above information, provide the following advise, as there is the possibility that the customer does not understand how to correctly use the tire pressure monitoring system set switch.

- If the tire pressure monitoring warning light was illuminated, it will be necessary to adjust the tire pressures on all four tires to the specification and initialize the system by pressing the tire pressure monitoring system set switch. (See TIRE PRESSURE MONITORING SYSTEM INITIALIZATION PROCEDURE.)
- If the vehicle is driven at high speed with low tire pressure, there is the danger of a tire rupture occurring.

Reference information regarding operation history of tire pressure monitoring system warning light illumination

The tire pressure monitoring system warning light illumination status and the operation record are as displayed in the table, and if the tire pressure monitoring system warning light is illuminated after flashing due to a system malfunction, the operation record is not recorded.

	TIRE PRESSURE MONITORING SYSTEM WARNING LIGHT	Operation record
Tire pressure decrease	On	Recorded
Tire pressure monitoring system malfunction	Illumination for 1 min after flashing	Not recorded