

2012 - Mazda6 - Suspension

NO.1 TPMS WARNING LIGHT ILLUMINATES CONTINUOUSLY

CAUTION:

- The tire pressure cannot be measured accurately after driving for a long period due to the internal temperature and pressure. Stop the vehicle for approx. 1 hour and then perform the tire pressure measurement and adjustment.
- Use a high accuracy digital gauge for measurement of the tire pressure.

NOTE:

- If the DTC clearing procedure is implemented, the TPMS warning light turns off.

1	TPMS warning light illuminates continuously
POSSIBLE CAUSE	• Tire pressure is lower than the specification. (Such as loss of air pressure due to puncture.) • TPMS warning light circuit malfunction in the instrument cluster.

Diagnostic Procedure

STEP	INSPECTION	ACTION
1	INSPECT TIRE • Inspect the tires. • Is there any foreign object adhering to the tire?	Yes Remove the any foreign object. Replace the tire if necessary, then go to the next step.
		No Go to the next step.
2	MEASURE TIRE PRESSURE • Measure the tire pressure when the tires are cold. • Is the tire pressure lower than the specification?	Yes Adjust the tire pressure to the specification when the tires are cold, then go to the next step. (See TIRE PRESSURE ADJUSTMENT (WITH TPMS) .)
		No Go to the next step.
3	VERIFY TPMS WARNING LIGHT • Verify the TPMS warning light.	Yes Symptom troubleshooting completed.

	Does the TPMS warning light turn off?		Explain to the customer what has been repaired.
		No	Go to the next step.
4	VERIFY TPMS WARNING LIGHT AFTER DRIVING THE VEHICLE - Drive the vehicle at speed of 25 km/ h { 16 mph} or more for 10 min or more. - Verify the TPMS warning light. - Does the TPMS warning light turn off?	Yes	Symptom troubleshooting completed. Explain to the customer what has been repaired.
		No	Go to the next step.
5	INSPECT FOR DTCS IN INSTRUMENT CLUSTER - Connect the M-MDS to DLC-2. - Retrieve the instrument cluster DTC. - Is the DTC displayed?	Yes	Go to applicable DTC troubleshooting procedure. (See DTC TABLE [INSTRUMENT CLUSTER] .)
		No	Malfunction is in the TPMS warning light illumination control circuit in the instrument cluster. Replace the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/ INSTALLATION .)

2012 - Mazda6 - Suspension

NO.1 TPMS WARNING LIGHT ILLUMINATES CONTINUOUSLY

CAUTION:

- The tire pressure cannot be measured accurately after driving for a long period due to the internal temperature and pressure. Stop the vehicle for approx. 1 hour and then perform the tire pressure measurement and adjustment.
- Use a high accuracy digital gauge for measurement of the tire pressure.

NOTE:

- If the DTC clearing procedure is implemented, the TPMS warning light turns off.

1	TPMS warning light illuminates continuously
POSSIBLE CAUSE	• Tire pressure is lower than the specification. (Such as loss of air pressure due to puncture.) • TPMS warning light circuit malfunction in the instrument cluster.

Diagnostic Procedure

STEP	INSPECTION	ACTION
1	INSPECT TIRE • Inspect the tires. • Is there any foreign object adhering to the tire?	Yes Remove the any foreign object. Replace the tire if necessary, then go to the next step.
		No Go to the next step.
2	MEASURE TIRE PRESSURE • Measure the tire pressure when the tires are cold. • Is the tire pressure lower than the specification?	Yes Adjust the tire pressure to the specification when the tires are cold, then go to the next step. (See TIRE PRESSURE ADJUSTMENT (WITH TPMS) .)
		No Go to the next step.
3	VERIFY TPMS WARNING LIGHT • Verify the TPMS warning light.	Yes Symptom troubleshooting completed.

	Does the TPMS warning light turn off?		Explain to the customer what has been repaired.
		No	Go to the next step.
4	VERIFY TPMS WARNING LIGHT AFTER DRIVING THE VEHICLE - Drive the vehicle at speed of 25 km/ h { 16 mph} or more for 10 min or more. - Verify the TPMS warning light. - Does the TPMS warning light turn off?	Yes	Symptom troubleshooting completed. Explain to the customer what has been repaired.
		No	Go to the next step.
5	INSPECT FOR DTCS IN INSTRUMENT CLUSTER - Connect the M-MDS to DLC-2. - Retrieve the instrument cluster DTC. - Is the DTC displayed?	Yes	Go to applicable DTC troubleshooting procedure. (See DTC TABLE [INSTRUMENT CLUSTER] .)
		No	Malfunction is in the TPMS warning light illumination control circuit in the instrument cluster. Replace the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/ INSTALLATION .)