

2012 - Mazda6 - Suspension

NO.2 TPMS WARNING LIGHT (LOW PRESSURE WARNING) ILLUMINATES AFTER ENGINE START AND TURNS OFF AFTER DRIVING FOR PERIOD OF TIME

CAUTION:

- The tire pressure cannot be measured accurately after driving for a long period due to increased 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:

- The tire pressure normally decreases by **approx. 7 kPa { 0.07 kgf/ cm², 1.02 psi }** per month even if the tire is normal.
- The FFD (temperature and pressure) stored when the TPMS warning light is turned on and off can be verified by operating the M-MDS.

2	TPMS warning light (low pressure warning) illuminates after engine start and turns off after driving for a period of time
POSSIBLE CAUSE	• The tire pressure decreases (approaches value to illuminate TPMS warning light) when the internal temperature of the tire is low.

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT TIRE • Is there any foreign object adhering to the tire?	Yes Remove any foreign object. Replace the tire if necessary, then go to the next step.
		No Go to the next step.
2	MEASURE TIRE PRESSURE WHEN TIRES ARE COLD • Has the tire pressure decreased (approaches value to illuminate TPMS warning light)?	Yes Adjust the tire pressure to the specification while the tires are cold, then go to the next step.
		No Go to the next step.
	VERIFY DTC TROUBLESHOOTING COMPLETED	

3	Is the malfunction corrected?	Yes	Troubleshooting completed.
		No	Verify troubleshooting again and return to Step 1 if the malfunction recurs.

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