

2012 - Mazda6 - Suspension

NO.3 WHEEL UNIT ID REGISTRATION CANNOT BE PERFORMED (TPMS WARNING LIGHT FLASHES)

CAUTION:

- Activate the wheel unit ID registration mode using the M-MDS, and perform the following steps if the TPMS warning light does not turn off after driving at 25 km/h {15.5 mph} or more for 10 min or more.

3	Wheel unit ID registration cannot be performed (TPMS warning light flashes)
POSSIBLE CAUSE	• New wheel unit malfunction (caused when installing to wheel). • Any malfunction on an old wheel unit which has not been replaced.

Diagnostic procedure

STEP	INSPECTION	ACTION
1	CAN WHEEL UNIT ID BE REGISTERED? • Connect the M-MDS. • Display the wheel unit ID registration condition (ID and tire pressure table) using the M-MDS. • Temporarily remove the battery and reinstall it immediately. NOTE: • If the battery is removed, the tire pressure data for WU_1 to WU_4 stored in the instrument cluster is reset. • Pressure is 0 kPa { 0 kgf/ cm², 0 psi} when it is displayed again using the M-MDS. • Set the tire pressure for the four wheels separately. • Perform the wheel unit ID registration again. • Can the ID be registered?	Yes Trouble shooting completed. (Adjust the tire pressure on four wheels, then return the vehicle to the customer.)
		No Go to the next step.

2	IDENTIFY UNREGISTERED WHEEL UNIT - Identify the malfunctioning wheel unit. (See MALFUNCTIONING WHEEL UNIT IDENTIFICATION.) - Is the wheel unit for which the ID could not be registered a new wheel unit?	Yes	Replace with a new wheel unit, then go to Step 4.
		No	Go to the next step.
3	Replace the old wheel unit, then go to the next step (any malfunction on an old wheel unit which has not been replaced).		
4	VERIFY DTC TROUBLESHOOTING COMPLETED - Perform the wheel unit ID registration using the M-MDS. - Can wheel unit ID be registered?	Yes	Troubleshooting completed.
		No	Verify troubleshooting again and return to Step 1, if the malfunction recurs.

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