

2012 - Mazda6 - Engine

DTC P1635:00 [MZI 3.7 V6]

DTC P1635:00	Tire/axle out of acceptable range
DETECTION CONDITION	This DTC indicates the tire and axle information contained in the vehicle identification block does not match the vehicle hardware.
POSSIBLE CAUSE	- Incorrect vehicle identification configuration parameters - Incorrect tire size - Incorrect axle ratio

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED Has FREEZE FRAME DATA been recorded?	Yes Go to the next step.
		No Record FREEZE FRAME DATA on the repair order, then go to the next step.
2	VERIFY RELATED REPAIR INFORMATION AVAILABILITY - Verify related Service Bulletins and/or on-line repair information availability. - Is any related Service Bulletins available?	Yes Perform repair or diagnosis according to available Service Bulletins. If vehicle is not repaired, go to the next step.
		No Go to the next step.
3	VERIFY VEHICLE IDENTIFICATION TIRE DATA - Switch the ignition ON. - Connect the M-MDS to the DLC-2. - Access the data of the tire size. - Is it the same as a equipped tire?	Yes Go to the next step.
		No Perform PCM configuration procedure, then go to Step 5. (See PCM CONFIGURATION [MZI 3.7 V6] .)

4	VERIFY GENUINE TIRES ARE INSTALLED Is genuine tires are equipped?	Yes	Go to the next step.
		No	Change to the genuine tire, then go to the next step.
5	VERIFY TROUBLESHOOTING OF DTC P1635:00 HAS BEEN COMPLETED - Verify that all disconnected connectors reconnected. - Switch the ignition ON (Engine off). - Clear DTC from PCM memory using M-MDS. - Start engine and warm up it completely. - Is same DTC present?	Yes	Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/ INSTALLATION [MZI 3.7 V6] .) Go to the next step.
		No	Go to the next step.
6	VERIFY AFTER REPAIR PROCEDURE - Perform the "AFTER REPAIR PRECAUTION". (See AFTER REPAIR PROCEDURE [MZI 3.7 V6] .) - Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [MZI 3.7 V6] .)
		No	Troubleshooting completed.

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