

2012 - Mazda6 - Suspension

MALFUNCTIONING WHEEL UNIT IDENTIFICATION

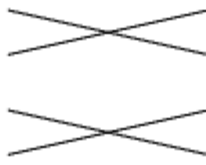
NOTE:

- The tire pressure monitoring system (TPMS) does not identify the location of the malfunctioning wheel unit on the vehicle (RF, LF, LR, RR). The TPMS identifies each wheel unit as No.1, No.2, No.3 and No.4. In order to identify the location of the wheel unit, perform the following procedure.
1. Adjust the air pressure as follows:
 - RF: 220 kPa {2.2 kgf/cm², 32 psi}
 - LF: 240 kPa {2.4 kgf/cm², 35 psi}
 - LR: 260 kPa {2.6 kgf/cm², 38 psi}
 - RR: 280 kPa {2.8 kgf/cm², 40 psi}
 2. Switch the ignition to off.
 3. Connect the M-MDS to the DLC-2.
 4. Switch the ignition to ON.
 5. Drive the vehicle at a speed of **25 km/ h { 15.5 mph} or more for 2 min or more.**
 6. Select the following PIDs using the M-MDS, and monitor them.
 - WU1_P
 - WU2_P
 - WU3_P
 - WU4_P
 7. Determine which wheel unit identification code matches which wheel and tire by comparing the PID monitor values with the air pressure values set in Step 1.

AIR PRESSURE
VALUE SET IN STEP.1

PID MONITOR VALUE

RF 220 KPA
LF 240 KPA
LR 260 KPA
RR 280 KPA



WU1_P 240 KPA
WU2_P 220 KPA
WU3_P 280 KPA
WU4_P 260 KPA



RF: WU2_P
LF: WU1_P
LR: WU4_P
RR: WU3_P

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