

Category BD	<b>M-tips</b>	Ref. No. MME/AL07/11D	Page 1 of 3
Model: Mazda2 (DE), Mazda3 (BK, BL), Mazda5 (CR, CW), Mazda6 (GG/GY) with DPF, Mazda6 (GH, GJ), CX-7 (ER) BT-50 (UN), CX-5 (KE) with diesel engine		Date Issued June 09, 2011	Date Revised December 17, 2012
Subject: Oil Data Reset procedures on Mazda Diesel vehicles after engine oil replacement		Applicable Countries or Specification Europe	

**UPDATED**

**Update Note: Mazda6 (GJ) has been added.**

#### DESCRIPTION

This is to detail the necessity of engine oil data reset and procedures on Mazda vehicles with diesel engine, after engine oil replacement.

VIN	Model	Engine	Oil Data Reset Yes	Oil Data Reset No
JMZDE1#4	Mazda2 (DE)	Y4 (1.4 MZ-CD)		X
JMZDE1#6	Mazda2 (DE)	Y6 (1.6 MZ-CD) EURO4	X (M-MDS or Pedal)	
JMZDEA#6	Mazda2 (DE)	Y6 (1.6 MZ-CD) EURO5	X (Pedal)	
JMZBK1#3	Mazda3 (BK)	Y6 (1.6 MZ-CD) EURO3		X
JMZBK1#6	Mazda3 (BK)	Y6 (1.6 MZ-CD) EURO4 Standard Power		X
JMZBK1#Y	Mazda3 (BK)	Y6 (1.6 MZ-CD) EURO4 High Power		X
JMZBK1#R	Mazda3 (BK)	RF-T (2.0 MZR-CD)	X (M-MDS)	
JMZBL1#Y	Mazda3 (BL)	Y6 (1.6 MZ-CD) EURO4		X
JMZBLA#Y	Mazda3 (BL)	Y6 (1.6 MZ-CD) EURO5	X (Pedal)	
JMZBLA#A	Mazda3 (BL)	R2 (2.2 MZR-CD) High Power	X (M-MDS or Pedal)	
JMZBLA#C	Mazda3 (BL)	R2 (2.2 MZR-CD) Low Power	X (M-MDS or Pedal)	
JMZCR19R	Mazda5 (CR)	RF-T (2.0 MZR-CD) High Power	X (M-MDS)	
JMZCR19T	Mazda5 (CR)	RF-T (2.0 MZR-CD) Standard Power	X (M-MDS)	
JMZCWA9Y	Mazda5 (CW)	Y6 (1.6 MZ-CD) EURO5	X (Pedal)	
JMZG(G/Y)1#R	Mazda6 (GG/GY) w DPF	RF-T (2.0 MZR-CD) High Power	X (M-MDS)	
JMZG(G/Y)1#T	Mazda6 (GG/GY) w DPF	RF-T (2.0 MZR-CD) Standard Power	X (M-MDS)	
JMZGH1#D	Mazda6 (GH)	RF-T (2.0 MZR-CD)	X (M-MDS)	
JMZGHA#A	Mazda6 (GH)	R2 (2.2 MZR-CD) High Power	X (M-MDS or Pedal)	
JMZGHA#B	Mazda6 (GH)	R2 (2.2 MZR-CD) Middle Power	X (M-MDS or Pedal)	
JMZGHA#C	Mazda6 (GH)	R2 (2.2 MZR-CD) Low Power	X (M-MDS or Pedal)	
JMZGJ6#1	Mazda6 (GJ)	SKYACTIV-D 2.2 (Low Power)	X (M-MDS or Pedal)	
JMZGJ6#2	Mazda6 (GJ)	SKYACTIV-D 2.2 (High Power)	X (M-MDS or Pedal)	

VIN	Model	Engine	Oil Data Reset Yes	Oil Data Reset No
JMZERH9A	CX-7 (ER)	R2 (2.2 MZR-CD) High Power	X (M-MDS or Pedal)	
JMZERH9C	CX-7 (ER)	R2 (2.2 MZR-CD) Low Power	X (M-MDS or Pedal)	
JMZUN	BT-50 (UN)	WL-C (2.5 MZR-CD)		X
JMZKE#91	CX-5 (KE)	SKYACTIV-D 2.2 (Low Power)	X (M-MDS or Pedal)	
JMZKE#92	CX-5 (KE)	SKYACTIV-D 2.2 (High Power)	X (M-MDS or Pedal)	

## How?

### M-MDS method

1. Connect the M-MDS to the DLC-2.
2. After the vehicle is identified, select the following items from the initial screen of the M-MDS.
  - a. Select the "Powertrain".
  - b. Model dependent submenu i.e. "Service Functions", "PCM", "reset the oil change indicator"

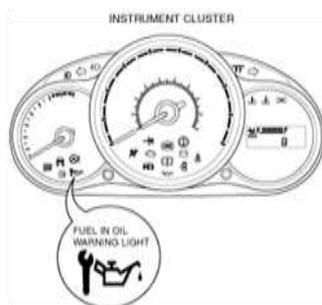
### Pedal method

(example Mazda2)

1. Switch the ignition ON (engine off).
2. Depress the accelerator pedal and the brake pedal simultaneously and hold for approx. 20 s.

#### Note

- The fuel in oil warning light flashes after approx. 15 s and turns off when the procedure is successfully completed.



3. Verify that the fuel in oil warning light flashes and then turns off.
4. Release the accelerator pedal and the brake pedal.

**Note: Mazda2 (DE) with 1.6L (Y6) Diesel engine (EURO5):**

The instrument cluster doesn't show any sign of the oil data reset completion, i.e. fuel in oil warning light will not flash even if oil data reset has been completed. This is caused by a PCM software error. However, the oil data reset can be performed by "Pedal method" as described above.

PCM calibration will be changed to solve this issue in the future.

**Note: For SKYACTIV-D 2.2 and MZR-CD 2.2** please refer to workshop manual for detailed procedure.

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