

## Tips and Tricks for MAZDA 6 (GH) 2.0D MZR-CD (RF-Turbo) 2007 - 09.



### How to start DPF cleaning process

**VERY IMPORTANT:** Do only this outdoors with 5m free behind the exhaust and with the hood open.

1. Make sure the engine is warmed up (important).
2. Start the engine.
3. Connect the pin in the red circle to earth (chassis).
4. Press the accelerator to the floor and release 2 times.
5. The engine speed increases, if not got to (2).
6. This process can take up to 60 min and is very hard on the battery.
7. When the engine goes to idle remove the wire to chassis.
8. Let it run for 3 min before turning off.

To stop the cleaning process press the clutch down and put into 1'st gear and hold until it idles or disconnect the wire. Let it run for 3 min before turning off.

### How to reset DPF after cleaning process

1. Ignition to position on.
2. Connect the pin in the red circle to earth (chassis).
3. Press the accelerator to the floor and release 2 times.
4. Ignition to position off.
5. Remove the wire between the connector and chassis.

### How to reset after an oil change

1. Ignition to position on.
2. Connect the pin in the red circle to earth (chassis).
3. Press the accelerator to the floor and release 5 times.
4. The glow plug light flashes 5 times when resetting is complete.
5. Ignition to position off.
6. Remove the wire between the connector and chassis.

### How to calibrate the injectors

1. Make sure the engine is warmed up (important).
2. Start the engine.
3. Connect the pin in the red circle 5 times within 5 sec. to earth (chassis).
4. The glow plug light flashes 5 times when the calibration is finish (< 3 min). \*\*
5. If not got to (2).

The injector calibration can be a bit tricky to get right the first time so don't panic just keep on trying.

### How to reset the auto wipers

1. Ignition to position off - wipers on OFF.
2. Turn wipers to AUTO position.
3. Turn ignition to position ON - Within 10 seconds - switch from AUTO to OFF 5 times - 1 second off 1 second auto.
4. The wipers will cycle once to register new initialization.

I have made a wire with a switch so I can connect to the pin and minus on battery

and sit in the car and do every thing.

**How I do it:**

1. Change oil and oil filter.
2. Reset for oil change.
3. Warm up the car, take it for a drive.
4. Clean the DPF. takes about half an hour.
5. Calibrate the injectors.
6. Finish.

\*\* I have not seen the glow plug flash 5 times but I wait until it goes to idle after about 4 min.

These service tips should work on other models with 2.0 and 2.2 diesel engine you just have to find the 6 pole service plug.

**The best way to get full control of your Mazda is to buy the VCM**



With this you can do the same as the dealer.

**Remember to clean out the oil pick-up in the sump before it kills your engine**



This is what it looks like when it kills your engine.

This is a nice new one.

*Thanks to Adam Marsh for the pictures and info.*

This happens when the oil gets polluted from bad diesel when cleaning the DPF. It can also happen if you use the wrong engine oil. Remember to check and clean it once in while.

**Change the crappy speakers**

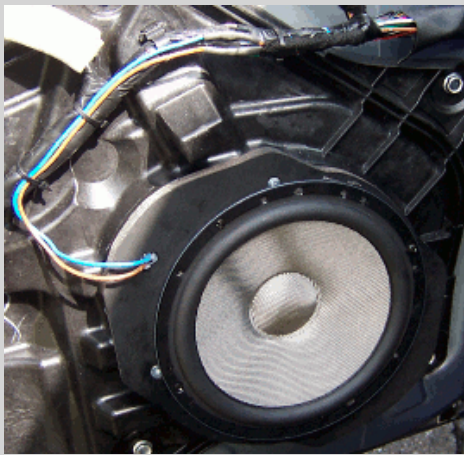
I got my 6 with the cheap crappy loudspeakers and that it is torture so I changed the speakers to the Bass from a KAPPA 60.9 CS and a Panasonic tweeter EABST15. I made some fittings out of plywood for the 6,5" speaker so they would fit into the doors. The tweeter from the Kappa set was too big so I got the Panasonic instead this could easily be so it would fit into the place where Mazda had mounted the original tweeter.



Infinity Kappa 60.9 CS  
2 ohm, 90 watts RMS, 95dB



Tweeter from Panasonic  
EABST15



Here you see the Kappa  
Bass mounted in the door.

The sound is great and for small money with the original radio and no extra booster. The Infinity is a 2 ohm speaker and gives 95dB where a normal speaker only gives around 89 dB so that's double the sound level. So get more out of your radio and use Infinity.

### **Crappy Rain Sensor**

I don't know what went wrong for the Engineers at Mazda when they developed the rain sensor system but I think they forgot to try it out in rainy weather that's for sure. I have tried lots of things to get it working but with no good result. Then I stumbled over someone talking about "Rain X" and I bought some from e-bay. Now the damn thing works, that's spooky. So Mazda every time you sell a car with a rain sensor put in a bottle of "Rain X" so the customer can get it working properly.

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