

EGR VALVE CLEANING KIT

It is preferable to follow the instructions for use on the packaging, option 1.

It is not easy to remove and clean the EGR valve on every car. If you are unable to disassemble the EGR valve, please use operating instructions option 2.

Disclaimer: Mechanical knowledge is recommended.

OPTION 1 (with disassembly)

Before use: Be sure that the problem comes from the faulty EGR valve. This product is not suitable if there is an electrical problem in the control of the EGR valve.

Manual

Stap 1 : Spuitbus EGR VALVE CLEANER

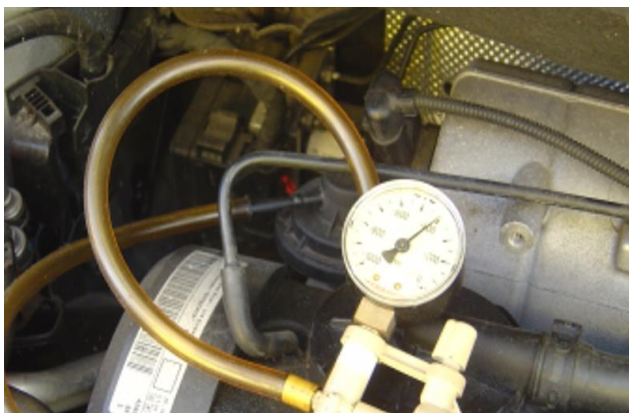
1 - Remove the EGR cover from the vehicle and place it in a suitable sink. 2 – Spray continuously on the carbon stop (do not spray on the electrical or pneumatic connectors). 3 - Wait 3 to 4 minutes for the carbon deposits to soften. 4 - Remove the carbon deposits with a soft cloth. Repeat the treatment if necessary. 5 - Reinstall the clean EGR valve on the engine.

Stap 2 : Flacon EGR VALVE CLEANER ADDITIEF

1 - Pour the contents of the bottle into the fuel tank with about 20 litres of fuel. 2 - Drive for 25 minutes at a speed between 2500 and 3500 rpm until the treated fuel is used up. 3 - Refuel.

OPTION 2 (without disassembly)

Before starting cleaning, it is important that the engine is at operating temperature. Always do this cleaning with 2 people. Where one person can rev the engine and other person can clean the engine. Follow the instructions carefully to avoid engine damage.



Step 1) EGR VALVE AEROSOL CLEANER

- 1) Open the EGR valve mechanically or electronically
- 2) Dismantle the air tube between the inlet collector and air filter (leave the air mass meter in place)
- 3) Start the warm engine and wait until operating temperature is reached. Keep the engine at approximately 2000 rpm.
- 4) Spray intermittently 4 to 5 times for a maximum of 1 second with the EGR cleaner aerosol can into the air intake as close to the EGR valve as possible. Wait a maximum of 1 minute and 'play' with the speed between 1000 and 3000 rpm.
- 5) Repeat these actions 2 to 3 times, depending on the contamination.



WARNING:

Never spray for more than 1 second to prevent the engine from running away (diesel engines do not need ignition to run). If you do spray too much and the engine goes haywire, block the air intake with a hard object (NEVER CLOSE BY HAND).

Step 2) EGR VALVE CLEANER ADDITIEF

For a complete treatment, the BARDAHL EGR valve cleaner should be poured into the fuel tank. (after treatment with EGR aerosol)

- 1) Pour the contents of the vial into the fuel tank with about 20 liters of fuel.
- 2) Drive for 25 minutes at a speed between 2500 and 3500 rpm until the treated fuel is used up. 3) Fill up.

After this treatment, it is recommended to add Bardahl Common Rail Diesel Injector Cleaner to the fuel every 5000km for long-term protection.