

## **BMW 2 Litre and 3 Litre (Engine Code N47/N57) Diesel EGR Cleaning Instructions**

**Always wear gloves and safety glasses  
when performing this service**

### **EGR System Consists of:**

- **Hot side EGR valve (before EGR cooler) controls Exhaust gases for proper emissions control of No<sub>x</sub> gases**
- **EGR cooler (controls temperature of Exhaust gases to the air Intake to the engine)**
- **EGR cooler bypass valve (controls Exhaust flow temperature to the air Intake from the Exhaust through the EGR cooler)**
- **EGR temperature sensor (measures EGR cooler Exhaust temperature and efficiency)**

**These items are critical for proper emissions management control and must be cleaned on a regular basis for optimum efficiency.**

**First steps before any service can be performed.**

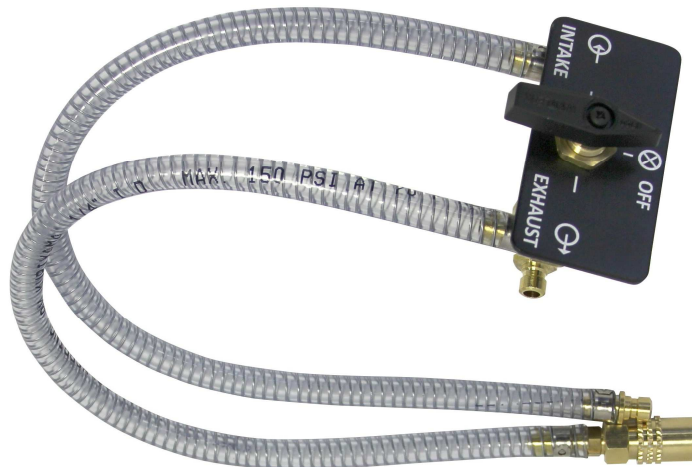
- 1. Add TerraDiesel™ Fuel Injector Cleaner (201255) to the vehicle's fuel tank.**
- 2. Remove the plastic engine cover.**
- 3. If the engine is hot, the EGR cooler must be cooled.**

## Adapters Required:

**201560**



**201399  
EGR Manifold**



## Tools Required:

- 201170 – TerraDiesel™ EGR Cleaning Tool