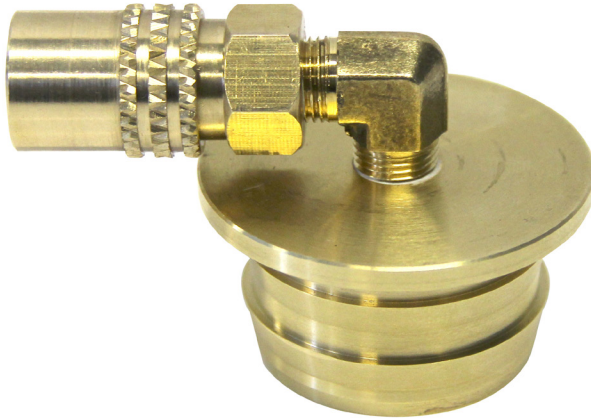




## **Cummins 8.3 Litre ISM (2009)**

**Part No. 069-3638 & 069-3678**



### **CAUTION:**

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) – Model year 2008 - Present
- 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 DieselTune™ Max Strength Fuel Injector Cleaner (400-3012) to the vehicle's fuel tank.
2. Remove plastic engine cover.
3. If engine is hot, the EGR cooler must be cooled.

## Tools and Adapters Required:

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069-3638



069-3678



069-3399



500-0170

**ISO 9001**  
**CERTIFIED**  
ZIM16-01736