



BULLETIN

Opel Insignia Model year: 2008 - 2013 Engine: 2.0 CDTI

Loss of coolant/EGR radiator

The above vehicles may experience a slow coolant loss due to a defective exhaust gas recirculation (EGR) radiator housing.

In case of coolant loss, the AGR radiator housing (Figure 1) should be examined closely. A crack is sufficient to allow a small amount of coolant to leak out. Due to its installation position, the AGR radiator is difficult to get to. To replace the component, proceed as follows:



Figure 1

- Remove the top engine cover and underide protection (engine) You can now see the area surrounding the AGR radiator (Figure 2)

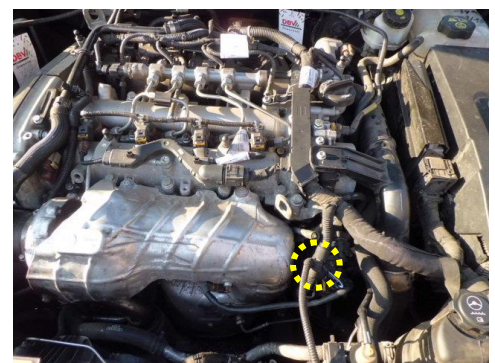
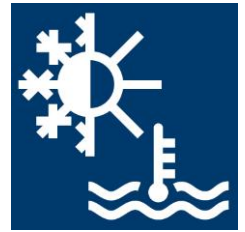


Figure 2



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- Remove the mountings for the charge air pipe and the wiring harness and disconnect the wiring harness connector (Figure 3) Unscrew the connector receptacle bracket from the AGR radiator housing
- Clear cables, brackets and hoses out of the way and fix them in place to allow access to the AGR radiator housing

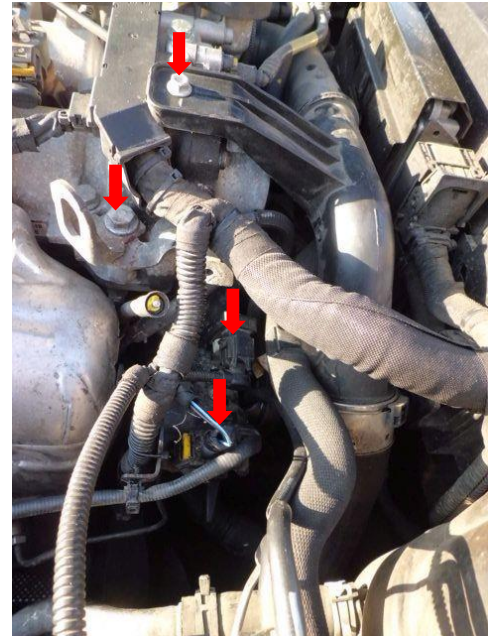


Figure 3

- Mark the vacuum hoses above and below the housing, then remove them
- Unscrew the oil dipstick pipe bracket (Figure 4, Item A) and carefully move it to one side
- Remove the 5 screws (Figure 4) that hold the housing in place
- Remove the housing with the AGR radiator inside it
- Perform a visual inspection on the AGR radiator

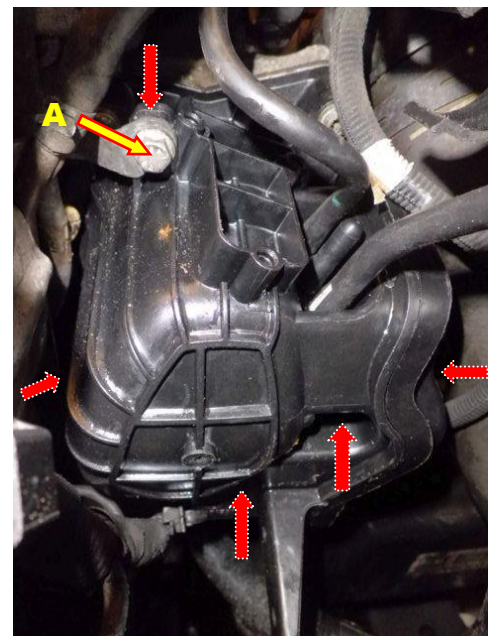


Figure 4



- Mount a new gasket from the AGR radiator housing repair kit on the "engine block" (Figure 5) In order to prevent the gasket from falling off, a suitable sealant can be used as a mounting aid
- Insert the AGR radiator with the new gasket into the housing
- Mount the AGR radiator together with the housing
- Mount the vacuum hoses, brackets and connectors
- Refill coolant
- Bleed the cooling system and check for leaks
- Mount the engine cover/underride protection



Figure 5