

Field Remedy: 1637

Subject: **Petrol engines - Refuelled with diesel fuel**

Models: **Engines:** **Option:**

All All Petrol Engines

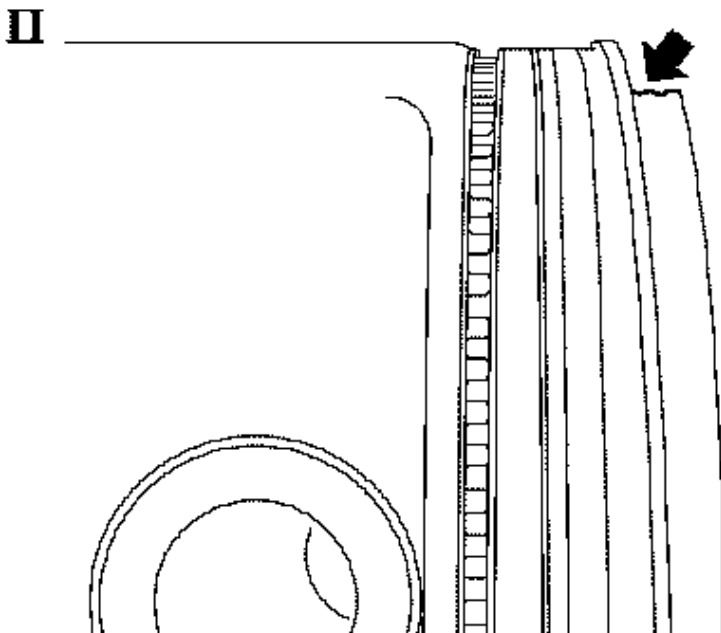
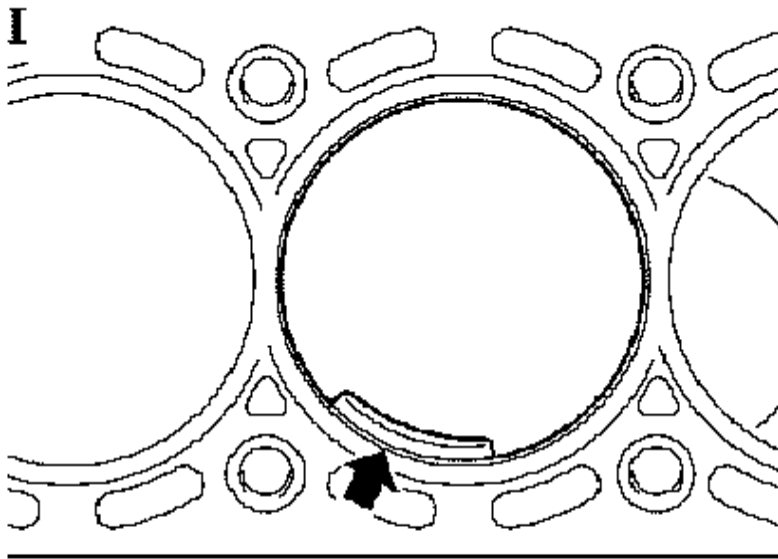
Complaint: Following complaints could happen in one or several of them: - Piston top land broken (intake side) - Bad engine running especially after cold start and cold drive ability - Knocking noise (sometimes failure code P030X is set) - Molten catalytic converter as a consequential damage - Increased oil level (oil dilution)

Cause: Vehicle with petrol engine refuelled with diesel fuel.

Production: Not affected

Remedy:

Picture I (see arrow) and picture II (see arrow) show the typical type of failure (piston top land broken).



If the described failure is detected the usage of correct fuel has to be verified. A fuel and engine oil sample has to be analysed for diesel contamination. Furthermore the fuel filler neck has to be checked for any damages (the usage of a diesel nozzle widens the diameter of the fuel

filler neck).

In case of diesel refuelling on vehicles with petrol engine the whole fuel system has to be drained and rinsed.

Note: Warranty costs must not be claimed under warranty if diesel is found.

FunctionalGroup: J - Engine

Complaint Group: 19 - Poor Engine Driveability

Trouble Code: None,P030X