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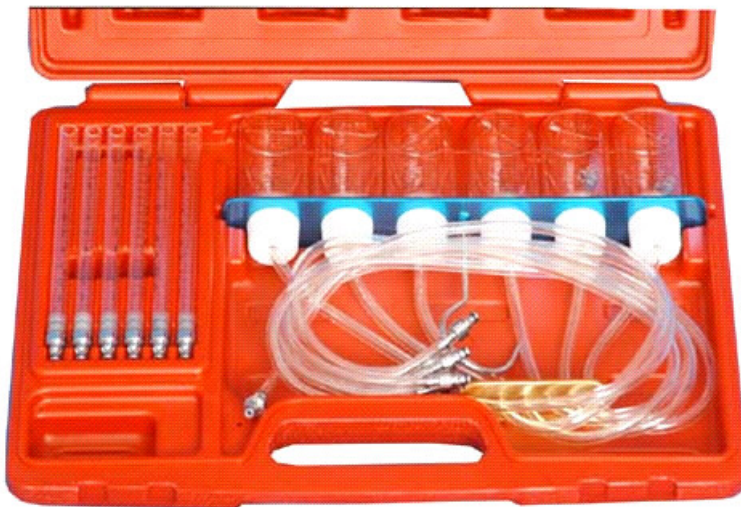
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CRBLT 341 COMMON RAIL INJECTORS BACK LEAKAGE CHECK

Product Bulletin



The identification of faulty Common Rail injectors can be achieved by measuring the backleakage from each injector. The injector backleakage equipment within the kit permits this measurement to take place on-vehicle. The equipment stores the backleakage from each of the injectors in transparent, calibrated containers. These containers allow a quick and easy visual diagnosis of the test results in order to identify a specific injector that is at fault.



CRBLT 341 INSTRUCTIONS:

1. Position the rail Tester by connecting the support bracket to the hood of the car in a manner that the six bottles stay as possible.
2. Empty the bottles of any fuel residue left from a possible previous operation, and ensure that the caps are tightly closed.
3. Locate the injectors and detach all the retrieval joints connected to them, by removing the peg that blocks the joints in place and being careful not to lever on the small tubes of the joints.
4. Close the retrieval tube of the injectors with a clamp so as to isolate all possible fuel discharges.
5. Connect the Rail Tester's joints to all the injectors that are present in the vehicle, paying special attention to reinserting the pegs correctly.
6. Turn the key to the "ON" position and check for any possible leak.
7. Start the engine and bring it to a speed of 2500 revolutions per minute for at least two minutes checking the amount of fuel that is discharged.
8. Turn off the engine and check the amount of fuel that has been discharged and has filled the connected bottles. As previously explained, the amount of fuel retrieved must be identical for all the injectors during one test. In case a difference is found, even if relevant to only one injector, it indicates malfunction and determines substitution or revision of the injectors to a specialized center.
9. Disconnect the Rail Tester's joints from the injectors, remove the clamps, reconnect the original joints of the retrieval system and empty the bottles.

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