

New and factory regenerated products covered with this warranty:

- pump injectors
- 2-spring injectors
- CR injectors (CR - Common Rail power system)
- CR injection pumps
- CR fuel dispensers
- CR high pressure ducts
- VP injection pumps

MAIN WARRANTY PRINCIPLES

The warranty regards the product purchased solely within the sales network of Inter Cars S.A. and it shall be accepted only with the purchase proof as well as fully and legibly filled warranty card.

The installation of the product is recommended to be conducted at the professional garage.

The warranty does not cover failures, defects and damage to the product resulting in the cases specified below:

- Installation of the product not in compliance with its intended application,
- During the use of the vehicle in a manner not compliant with the factory specification,
- As a result of improper assembly or disassembly technology, not compliant with the factory requirements, vehicle manufacturer's instructions (basic installation recommendations overleaf),
- As a result of impacts or accidents,
- Incomplete product, dismantled into components or with traces of disassembly into components,
- Seizure of the hydraulic elements,
- Refraining from replacement of the fuel filter or high pressure fuel ducts with new ones during the repair of the CR fuel system - no possibility of performance documentation,
- Use of improper fuel or fuel contaminated mechanically or chemically,
- Caused by failures of systems the subject product cooperates with.

In case of irregularities of functioning of the product within the warranty period, the user is obliged to notify this fact immediately at the place of purchase or performance of the service for the purpose of agreeing the place and manner of performance of the diagnostics and repair of the system. It is prohibited to undertake any attempts of unauthorised repair, such an intervention will result in the loss of claims justification.

In case of necessity of lodging a product complaint, it must be delivered to the purchase point by the complaining person and in the condition in which it was disassembled. Other additional information and explanations are available in Inter Cars S.A. List of service products: www.intercars.com.pl

INSTALLATION RECOMMENDATIONS AND REQUIREMENTS

Diagnosing of a defect its verification and repair of the fuel system of the Diesel engine must be performed by qualified personnel, according to the manufacturer's instructions, with the use of tools recommended by the manufacturer of the system and in observance of the safety principles. It is prohibited, among other things, to disconnect the system elements on the side of high pressure at the launched engine or directly upon its switch-off (in CR system pressure > 1600 bar, temp. > 70C).

General recommendations

- Prior to the commencement of repair of the injection system it is necessary to clean thoroughly the subassemblies which will be dismantled and the nearest area of the repair. The installation of the elements requires meeting specified cleanliness norms required for the injection systems, especially CR system - Common Rail.
- Every time the repair of the system must cover thorough cleaning of the CR system fuel dispenser, the so-called rail, it is recommended to clean it in an ultrasound washer or to replace it with new one as well as to verify the quality - cleanliness of the fuel in the tank of the repaired car.

- It is necessary to maintain absolute cleanliness at each stage of repair of the injection system! Contaminations must be sucked out and not blown out.
- The plugs of the flue openings must be put on/off upon disconnection/prior connection of each of the subassemblies. The plugs are disposable, they must be disposed of upon use.
- During the repair it is absolutely necessary to replace the fuel filter with a new one 0 upon installation it must be filled with fuel oil. For the Delphi fuel system, due to the injection system requirements, it is recommended to use the original Delphi filter.
- In the CR system, as first, it is necessary to install the high pressure pump, then the dispenser, injectors and high pressure ducts, and connect the electric cables at the end.
- All connections must be screwed according to the recommendations of the injection system manufacturer with proper torque.
- During the repair it is necessary to make sure that the timing gear is properly set and blocked.
- Prior to the first launch the system must be vented.
- Prior to the installation of the system we must erase all error codes, if necessary enter the necessary adjustment date for the injector operation.

During disassembly - assembly of the injectors it is necessary to:

- Clean the injector socket in the head and suck out the contamination.
- Use only new thermal-sealing washers and only new high pressure ducts dispenser-injector for the Delphi system.
- Upon the assembly of the injectors manufactured by Delphi, it is necessary to enter a 16 or 21-digit code to the ECU/DCU engine controller which is located at each point.

During disassembly - assembly of the injection pump it is necessary to:

- Clean thoroughly or replace with new ones the fuel ducts feeding the pump.

- Replace the high pressure duct pump-rail with a new one (regards CR/Delphi)
- Fill the pump with fuel by means of suction from the tank through the fuel filter by means of appropriate pump (NEVER FILL THE PUMP WITH UNFILTERED FUEL OR TRY TO START THE ENGINE WITH "DRY" PUMP).

Failure to observe the above recommendations and tips may result in contamination of the system which usually results in problems with engine start or its proper operation.

The existing and verified irregularity of operation of a part or the problem must be reported to the seller of the part or service point immediately upon detection.