



going the extra mile



Your Partner in Exhaust and Emission

Important notes for installation:

- Gather necessary tools, including injector removal and installation tools, torque wrenches, and replacement seals and gaskets.
- The removal process should be done carefully. Remove the injectors, paying attention to any specific removal procedures for your engine. Remember that if your old injector is damaged, it cannot be repaired and accepted as a core.
- Pay attention to clean the injector bore and the surrounding areas to avoid dirt or debris falling into the engine or fuel lines.
- Inspect the injector seats for damage or wear. Check fuel line for contamination or evidence of metal chips – if present, the new injector will be ruined very fast.
- During installation, apply a thin coat of lubricant to the injector seals. The new injector must be installed into the cylinder head carefully, ensuring proper alignment. Tighten the injector mounting bolts to the specified torque. Reconnect fuel lines, electrical connectors, and any other components. Please take great care in cleaning the fuel lines and connections.
- Please perform a bleeding operation if it is required by the manufacturer’s replacement instructions.
- Use diagnostic equipment to verify injector performance and make any necessary adjustments.
- The manufacturer’s specifications must be followed!
- Only use fuel and air filters according to OE specifications.

Additional Considerations:

Injector Coding: Modern diesel engines require injectors to be coded or programmed to the vehicle’s ECU. The trim code must be used for injectors there it is required.

Torque Specifications: Always follow the manufacturer’s specified torque values for injector installation.

Fuel System Contamination: Take precautions to prevent fuel system contamination during the installation process – keep it clean and tidy!

Evaluation of the motor condition using a simple traffic light system

Tolerance sample	Combustion & Motor condition	Action
	Clean combustion. No indications of problems / failures in the fuel, intake and/or exhaust system	None
	Mostly clean combustion. Problems / failures in the fuel, intake and/or exhaust system possible.	Check fuel, intake and/or exhaust system.
	Unclean combustion. Problems / failures in the fuel, intake and/or exhaust system!	Check and repair fuel, intake and exhaust system.