Before you install the engine, carefully read the following instructions. By following the factory specifications and the installation instructions below, we ensure that the lifespan of your engine is extended and that the warranty conditions are fully met.

Checklist

Check for transport damage, take photos if damage is found, and note it on any waybill.

- **Compare** the purchased engine with the old engine.
- **Before you begin mounting the engine**, we advise you to identify the cause of the defective engine to prevent recurrence (check cooling, lubrication, injectors, etc.).

If an **oil cooler or heat exchanger** is present, contamination from the old engine may have entered it. If this is the case, it **MUST be replaced**. This also applies to any **intercooler**.

Clean and inspect the EGR system (this prevents old contamination from entering the new engine).

Always have the **injectors tested** on an approved test bench or have them overhauled/replaced (a defective injector can cause **piston and bearing DAMAGE**).

For a turbo engine, **always check the turbo for wear/damage** before installing it.

Use the **manufacturer's specified tightening torques**.

ALWAYS replace the oil, oil filter, fuel filter, air filter, and use the oil and filters specified by the manufacturer.

Bleed the cooling system thoroughly and check for proper operation. Preferably bleed under vacuum.

START THE ENGINE ON OIL PRESSURE FIRST BEFORE ALLOWING IT TO FIRE.

Before starting the engine, crank it without ignition/fuel injection so it does not fire. This ensures that oil is pumped to all bearings to prevent bearing damage (it may take some time for all bearings to receive oil, even if there is already system pressure).

Immediately after starting, carefully monitor the coolant and oil levels, and their temperatures.

Change the oil and oil filter after 1000 km (break-in period), then every 15,000 km or 1 year.

In case of malfunctions or problems, **contact us immediately**! This is important for any potential warranty.

Good luck with the installation!