

The engine

Engine installation instructions:

BEFORE INSTALLING THE ENGINE WE RECOMMEND THAT YOU FIRST READ THE BELOW.

Check whether the delivered engine matches your engine, determine what caused the original damage and make the necessary repairs.

The engine is supplied without oil.

Check all gaskets, hoses, hose clamps and seals and replace if in doubt.

Advice: replace the timing belt/chain and tensioner, rollers and the water pump. (there is no warranty on these parts).

Check seals for leaks (there is no warranty on these parts). Install and check all attachments according to factory instructions.

Use as many electronic components and wiring harnesses that belong to the car as possible.

Check that the fuel system is of the same make and type. (If necessary, overbuild) With 1.4 and 1.6 HDI engines, the pump and injector numbers must match, otherwise the injectors must be taught-in. (read in using a test cabinet) and the pump must be converted.

Check whether your flywheel is the same. (Other reassembly) Check whether the engine mounts match, otherwise they will have to be transferred.

Thoroughly clean parts to be built over, such as inlet parts.

Check the exhaust system for contamination (due to old damage, the catalyst and particulate filter may be clogged).

damage to the new engine to be installed) if in doubt, replace.

Turbo engines: ensure that all accessories such as hoses, inter-coolers, etc. are clean.

Engines with immobilizer (diesels), rebuild the immobilizer or entire pump.

Replace the oil filter + crankcase plug ring.

Fill all engine fluids according to factory instructions (never use old fluid and engine oil) and install new filters.

Pay attention to disassembly and assembly instructions according to factory data, tightening torques, etc.

Check the cooling system for sufficient flow capacity and ensure that the system is properly vented.

Check whether the radiator heats up everywhere.

Check the operation of the cooling fan.

Check all adjustments of the engine management system.

The above information is solely intended as advice to our customers.

No rights can be derived from the information.

Manufacturer's guidelines always take precedence.

IT IS RECOMMENDED TO HAVE THE ENGINE INSTALLED BY A PROFESSIONAL CAR COMPANY.



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Turbo

BEFORE INSTALLING THE TURBO, WE RECOMMEND THAT YOU FIRST READ THE BELOW.

Check whether the turbo supplied matches your car.

Check the turbo pressure sensor for function.

Remove the oil supply and return.

Clean these carefully and check the flow and condition of the pipes. Replace supply pipe + banjo bolt. Do not use liquid gaskets.

Replace intake pipe in crankcase. Install a new air filter.

Clean all turbo hoses, intercooler if present, intake and exhaust manifolds.

Cleaning is important because, remaining metal residues.

Check the crankcase ventilation for contamination and clean it if necessary.

Check whether the catalytic converter and the particulate filter are not clogged or heavily contaminated.

Change the oil + filter.

Start the engine without starting (shut off the diesel injection ignition) to build up oil pressure, which may take some time

It takes some time for the oil to reach the turbo because the pipes have been cleaned.

Let the engine idle for a few minutes.

Check the oil pressure.

Once you are sure that the turbo has enough oil, increase the speed.

Check pipes and hoses for any leaks.

Check all engine adjustments.

Adjust the wastegate if necessary.

When the engine is warm, retighten bolts.

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Lid Stiba / ARN/KZD Gecertificeerd**

Op al onze transacties zijn de STIBA algemene verkoop- en leveringsvoorwaarden van toepassing.



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Gear box

BEFORE INSTALLING THE GEARBOX WE RECOMMEND THAT YOU FIRST READ THE BELOW.

Check whether the delivered gearbox matches your gearbox, determine what caused it the original damage and make any necessary repairs.

Before installation, check the flywheel for wear (2 mass flywheel for play - damping). Check the flywheel for bruises, these burnt spots can cause vibrations during acceleration.

Check the clutch control lever for deformation or cracks.

Always ensure that all adapter bushes are in the gearbox.

Check the oil seals of the gearbox and engine before installation and replace if in doubt.

Grease the price axle before mounting.

Never place the oil cooler from the old box on the new box because of this. dirt or metal parts in the old cooler. Always install an original coupling to avoid rattling and noise-making non-original couplings. Make sure that if you replace the guide bush over the prias, you reinstall the filling rings with the new guide bush. Always check the intermediate bearing and the intermediate bearing support for play and for rotation of the outer shell of the intermediate bearing.

Make sure that the torque converter does not come out of the container when installing, otherwise the oil pump will fail.

First secure the automatic transmission and then the torque converter.

Tighten parts with the correct torque, e.g. torque converter.

Install gearbox according to factory instructions.

Install drive shafts according to factory instructions, also check the dust covers.

The shift linkage and shift cables must be adjusted correctly.

Install a new ring drain plug.

Fill the gearbox according to dealer specifications. (correct oil and quantity) No warranty on seals and coupling parts.

Recommendation: update the machine computer if necessary.

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