

IDEAL *Engines*

Suppliers of quality Japanese light vehicle engines, gearboxes & cylinder heads

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Fitting:

Our reconditioned engines come with a full 6 month mechanical warranty on them.

Our second hand engines come with a full 3 month mechanical warranty on them.

These Units must be installed by a trained professional

It is imperative that before you install a replacement engine into your vehicle you find what caused the original unit to fail.

many different things can contribute to the life of your new engine, without finding the reason the original unit failed you run the risk of shortening the life of your replacement unit and voiding your warranty.

when replacing an engine it is important to set both the original unit and the replacement unit side by side to verify the unit is correct before fitting. Concentrate on key areas, as in engine mount holes and placement of sensors on both units.

While the unit is on the floor it is also down to the mechanic to look over the exterior of the engine thoroughly before installing, a brief visual inspection now will save quite a bit of hassle if an exterior seal was either damaged in shipping or has started to deteriorate from sitting on the shelf in our warehouse. if there are any faults found on the unit you were sent then do not proceed to fit it. call us first and we will confirm the problem and give you a direction to go in order to sort things out quickly and efficiently.

At time of installation the following must be replaced

- timing belt
- engine oil
- oil filter
- spark plugs
- fuel filter
- air filter
- water pump
- coolant hoses
- radiator cap
- coolant
- at time of installation the following must be checked
 - cam timing
 - ignition wires
 - coil packs/distributor
 - cooling system
 - all original sensors

you must prime the oil pump before starting the replacement engine, this brings the oil pressure up to normal operating condition and lubricates the bearings to prevent premature failure and dry start damage.

All reconditioned units must go through normal break in procedure to seat the new bearings and rings in the replacement unit

500 miles after the unit is fitted you need to have a qualified mechanic carry out a service on the vehicle which must include:

- changing the oil and oil filter
- checking and topping off where necessary the coolant level
- adjusting the ignition timing where applicable
- re torquing the cylinder head and manifolds where applicable
- adjusting valve lash where applicable

After this initial service a regular service interval of every 3000 miles should be adhered to for the length of the warranty.

Failure to comply with these instructions may render your warranty null and void.