

INSTALLATION PROCEDURES.

Warranty terms and Conditions.

APPLICABLE TO REBUILT, REMANUFACTURED DIESEL AND PETROL
ENGINES (SOLD AS A LONG ASSEMBLY) IMPORTANT READ CAREFULLY
BEFORE FITTING THIS ENGINE!

If you are the owner and/or fitter of this engine, it is crucial that you do not overlook the contents of this document. The warranty is non-transferable and is applicable only to the original purchaser.

AUTOMOTIVE APPLICATIONS: The long engine assembly is covered for a period of 6 months / 10,000 km or 12 months 20 000km on some engines (whichever occurs first - conditions apply) from the invoice date.

WARNING: The engine warranty will not be honoured if the documented Installation Procedures and Warranty Terms & Conditions, as outlined in this document, are not fully complied with. This includes returning the fully completed Warranty Validation Form after engine installation. Please read this Warranty document carefully. If after reading the Warranty Terms & Conditions you find that it does not meet your expectations, do not install the engine. You may return the engine to the point of purchase for a refund (conditions apply).

GENERAL ADVICE TO PURCHASER AVOID REPEATING THE ORIGINAL PROBLEM
WITH THE REMANUFACTURED ENGINE

Very few engines reach "retirement age". Most engines disassembled for evaluation reveal that common failures are often related to poorly or incorrectly serviced and/or worn ancillary equipment. Ancillary equipment requires periodic servicing even after being installed on the remanufactured engine. Visual inspection alone cannot determine if components like the fuel pump, injectors, turbocharger, thermostat, radiator, etc., are functioning properly.

WARNING: Unserved turbochargers, worn-out harmonic balancers, and particularly unserved fuel injection systems have been confirmed as causes of serious premature engine damage.

Installing these on the re-manufactured engine without reconditioning or replacing them will void the warranty and may cause damage to the engine.

Qualified diagnostic advisers are available to assist in tracing the cause of the original engine's failure. The cost of a phone call could save you from future unnecessary trouble and expenses,

which may not be covered by warranty. This document also contains clauses that apply under the Australian Consumer Law, specifying the rights and entitlements for the consumer, including replacement, refund, repair, and compensation depending on the nature of the defect or issue.

Our goods come with guarantees which cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please note that the above clause only applies where you make a valid claim pursuant to the Australian Consumer Law. Without limiting the effect of the Australian Consumer Laws, Engine Specialists (referred to as IDS from here on) may take into consideration the following non-exhaustive list of factors in assessing the validity of any claim made under the Australian Consumer Law, particularly where:

there • is in fact any fault or defect;

- you changed your mind;
- IDS brought to your attention any hidden defect before purchasing the part;
- you examined the part before purchasing or fitment and should have noticed the fault;
- you used the goods in a manner which caused the goods to become unacceptable, damaged or to

fail;

- you took reasonable steps to avoid the quality becoming unacceptable, damaged or to fail;

something occurred which was beyond human control and that occurred after the part was • supplied. If IDS finds that any of the above have occurred, IDS may investigate, oppose or defend that claim under the Australian Consumer Laws.

Note: IDS will vigorously defend any claims made under the Australian Consumer Law to the full extent possible at law including but not limited to proving that you failed to fit the product in accordance with IDS recommendations; you caused damage to the engine; you have abused or misused the product, and that your claim.

FITTING REQUIREMENTS

COMPULSORY FITTING REQUIREMENTS TO VALIDATE YOUR WARRANTY

1. The re-manufactured engine purchased has been assembled to a set configuration. Compare it with your old engine, as differences in components may exist. Any required changes are at your own expense, regardless of circumstances.
2. **Fuel Injectors:** Ensure they are new or reconditioned by a Qualified Injection Specialist before installation. Assuming old injectors are good can lead to expensive mistakes.
3. **Fuel Injection Pump:** Must be new or reconditioned by a Qualified Injection Specialist before installation.
4. **Injection Pump Timing:** Must be accurately set to the manufacturer's specifications.
5. **Overhead Camshaft or Balance Shaft Drive Belt(s):** Renew where applicable and set the timing according to the manufacturer's manual.
6. **All Air, Oil, and Fuel Filters:** Must be renewed prior to start-up.
7. **Induction System:** Ensure it is thoroughly cleaned and airtight.
8. **Cooling System:** Thoroughly examine and replace necessary components such as fan belts, thermostat(s), radiator, pressure cap, radiator/heater hoses, water pump, and viscous fan.
9. **Exhaust System:** Check for leakage or blockage.
10. **Turbocharger:** Must be new or reconditioned by a Turbo Specialist before installation.
11. **Oil Cooler:** Consider replacing it if contaminants are suspected.
12. **Harmonic Balancer Dampener:** Must be closely examined, as it is a critical component.
13. **Starting the Engine:** The correct method of priming the oil system before start-up must be followed.
14. **Cylinder Head and Tappets:** If cylinder head bolts have not been torqued using the angle torque method, re-torque them after the initial warm-up and at specified intervals.

WARRANTY EXCLUSIONS

This warranty does not cover the following:

- Engines run low or without oil. **WARNING:-** Oil consumption can be normal in the initial running-in stage. The oil level must be checked daily and topped-up where necessary. Do not compensate any oil consumption by overfilling the engine with oil as it will cause excessive splashing in the crankcase, over lubricating in the cylinders and will restrict the rings from bedding in

- Oil consumption due to cylinder bore glazing. WARNING:- The first 5,000km of operation is crucial. Extended warm-up and idling time must be totally avoided within this running-in period

- Overheated engines. Familiarise yourself with the location of the heat tab on your engine cylinder head/engine block prior to installation (approximately the size and shape of a five cent coin). All engines are supplied with a heat tab which must not be removed or tampered with.

WARNING:- If the heat tab has been removed or the centre of the heat tab is melted or distorted, a claim for warranty will not be accepted.

- Engines damaged due to faulty fuel injection pumps or injectors.
- Engines not fitted according to listed requirements.
- Damage from overheat, camshaft belt or balance shaft drive belt failure.
- Oil and coolant leaks after three months.
- Head gasket failure due to incorrect torquing.
- Damage from airborne contamination entering the air intake system.
- Damage caused by operating against instrument warning devices.
- Engines fitted with aftermarket turbochargers, supercharging systems, or modified for additional horsepower/torque from tuning products, or modified exhaust system which includes blocked/choked or the deletion of EGR valves or Diesel Particulate Filters (DPF).
- Over-spiced/over-revved or overloaded engines or not serviced in accordance with the manufacturers service intervals.
- Transportation/freight damage.

Where IDS has organised the freight and also included the freight charge on the sales invoice, you have enjoyed the benefits of a cheaper freight rate due to our established bulk freight rate. However we are not the carrier and therefore, will not be held responsible for any damage or loss incurred in the transportation process. All claims are to be taken up directly with the Freight Company concerned. We cannot guarantee that their decision will be to your favour.

- Freight charges, travelling time, diagnosis time, towing, and hire vehicle charges and such charges will not be reimbursed, regardless of the circumstances.
- Unauthorised repairs, alterations, or dismantling.
- Normal operational wear and tear. If you expect more than what is being offered by this warranty, do not fit this engine. Return it to the point of purchase for a refund (conditions apply). If it was a C.O.B (customer one-off build) new parts will be removed and core engine returned to customer

minus the price of machining.

WARRANTY PERIOD

This warranty covers the re-manufactured engine against defective workmanship and materials during the Warranty Period, provided all Installation Procedures are met, and the Warranty Validation Form is returned fully completed.

WARNING:- All claims will require detailed invoices/receipts proving that all conditions were met at the time of the engine installation. Including service and maintenance records of the vehicle after fitment. Failure to produce these detailed invoices/receipts on demand will void any warranty entitlement.

Automotive and Commercial Applications: 6 months / 10,000 km or 12 month / 20,000km on some engines (whichever occurs first).

WARRANTY BENEFITS

Automotive Applications: Warranty covers engine removal and re-fitting charges related to approved warranty repairs for the period stated above, provided prior approval is obtained. Freight charges, travelling time for mechanics, diagnosis time, towing, demurrage, down-time and charges for hire vehicles, loss of profits or consequential loss or damage are not covered under our Warranty Policy and such charges will not be reimbursed, regardless of the circumstances.

General:

- IDS will supply components required for authorised claims and may use used components if that is all that is available.
- Labour rates and repair times are pre-set. Repairs exceeding these rates and times will not be reimbursed.
- Parts IDS will supply free of charge all components required to rectify any authorised claims and reserves the right to supply used components in certain circumstances.
- Labour Rates and Repair Times have been set by IDS to accommodate repairs undertaken outside of the IDS Workshop or authorised repairers. The IDS warranty hourly rate is set at \$150.00 (plus GST) and the various job/repair times have been established in accordance with both the IDS Workshop experience and the manufacturer's specified factory times. Any 'out of IDS ' Workshop repair' which exceeds the established IDS labour rates and times will not be reimbursed by IDS, regardless of the circumstances. All repairs which are deemed warrantable must be conducted in our own Workshop. IDS may at its discretion authorise the repair to be undertaken 'outside' due to circumstances which provide convenience to the purchaser/owner. If this is authorised, any labour rate and times which exceed the IDS established labour rate and times will not be reimbursed nor paid for by IDS, regardless of the circumstances.

WARNING:- If you are expecting more than what is being offered by our warranty, do not fit this engine. Return the engine to the point of purchase and a refund will be arranged (conditions apply) Reimbursement of costs to Purchaser. If the engine has been inspected by IDS and has been deemed warrantable, IDS (at the Company's discretion), IDS may in its absolute discretion reimburse reasonable charges for outside preliminary inspections, its removal and return.

Exclusions IDS will not recognise or be held responsible for time spent on fault finding and/or diagnosis, towing charges, travelling time, demurrage/down time, loss of profits, consequential damage or loss. IDS cannot be held responsible for any implied or verbal representations outside the invoice description of the goods sold and warranted. IDS will not recognise any Warranty Claim where the failure or defect is caused by:

The non-compliance of our compulsory fitting requirements as outlined.