



Cylinder Head Warranty Conditions

1. Except for those rights and remedies conferred by Federal, State And Territory legislation (including the Trade Practices Act) on the purchase of this engine, and which cannot be excluded or Modified, the only obligation assumed by the "Manufacturer" Under these terms and conditions is at the option of the "Manufacturer":
 - (a) To replace or repair the defective parts of workmanship; or
 - (b) To pay the cost of replacing or repairing the defective parts Of workmanship, where the work is carried out by a person Authorised by the "Manufacturer" to carry out the particular Work; or
 - (c) In the event of a claim the "Manufacturer" will not accept Responsibility for any expenses incurred for repairs unless Written permission is given, prior to said repairs being Performed by a third party.
2. The "Manufacturer" shall be under no obligation under these Terms and conditions if:
 - (a) Before installation of the goods a qualified person has not Confirmed that the goods are fit for the purpose for which they Are supplied and are compatible with the other parts and the Vehicle into which the goods are to be installed;
 - (b) If the goods are not installed by a qualified person in Accordance with vehicle manufacturer's specifications and The recommended installation procedures supplied by the "Manufacturer";
 - (c) If the goods are not properly maintained in accordance with The "Manufacturer's" recommended service schedule.
3. This warranty does not extend to cover:
 - (a) Any modifications performed, not authorised by the "Manufacturer"
 - (b) Any corrosion or erosion
 - (c) Oil leaks or damaged oil seals
 - (d) Ancillary or accessory items fitted to the motor
 - (e) Damage caused by defective accessory/ancillary items
 - (f) Damage caused by misuse, abuse or neglect, damage or Wear caused by dirt or other contaminants, damage caused By overheating.
4. Unless specifically purchased as such, this head is not suitable For LPG, turbocharged or marine applications.
5. All heads are built as close to original parameters as possible. The use of ULP in leaded fuel applications, unless otherwise Specified, will not be covered under this warranty, should any fault Arise from incorrect fuel use.
6. The "Manufacturer" shall not be liable for any damage, loss of Profits or any other loss or damage including consequential loss Or damage caused in the event of an engine failure.
7. The warranty is not transferable.
8. The installer's declaration must be completed and signed by the Installer at time of installation. Subsequent minimum services as detailed in the card must also be validated where indicated as They are performed

Cylinder Heads^^	6 months or 1,600 hours -10,000kms As Per CYL HEAD WARRANTY & SERVICE CARD ND305	Parts and Labour
------------------	---	------------------

Installation Instructions

1. Installer to ensure that deck block and mating surfaces are to acceptable tolerances.
2. Installer to ensure sump plugs and any water drain plugs are fitted Correctly.
3. Inlet manifold must be thoroughly cleaned before fitting. Ensure Manifold faces are flat, clean and free from damage.
4. Radiator must be cleaned, flushed and flow tested, and free from Leaks. Ensure air flow to radiator is not obstructed. Radiator servicing Must be carried out by a radiator specialist (if not, warranty will not be Accepted for overheating problems).



NOORDEMAN
DIESEL PTY LTD

the team for service & quality

www.noordeman.com.au www.dieselspars.com.au



T 08 9350 6566

F 08 9351 8965

3 HANTKE PLACE, WELSHPOOL, WA, 6106

5. Cooling system to be checked and pressure tested. All hoses including Heater and bypass hoses, hose clamps, and fan belt to be replaced if Necessary to OEM specifications.
6. A new thermostat must be fitted.
7. A new water pump must be fitted, unless replaced within the Last 12 months.
8. All other water outlets and fitting to be inspected and replaced if Damaged or corroded.
9. A coolant or inhibitor to OEM vehicle specifications to be used at the Time of installation.
10. Temperature sensor/warning devices must be operating to Manufacturers specifications.
11. Timing belt, tensioner and idler pulleys to be replaced to OEM specifications.
12. Ignition timing and all ignition components to be set to Manufacturer's specifications.
13. Check correct operation of mechanical and vacuum advance Units if applicable.
14. Ensure all plug leads, rotors, caps and other ignition parts are in Serviceable condition.
15. Ensure all fuel injection and engine management systems are Operating in accordance with manufacturer's specifications.
16. Ensure all fuel delivery systems are operating in accordance with Manufacturer's specifications.
17. Ensure carburettor is serviceable and operating in accordance with Manufacturer's specifications.
18. Ensure all engine breather, PCV valves, EGR valves and emission Control components are functioning correctly.
19. Ensure air cleaner is serviced and free from leaks.
20. Ensure all electrical connections and fittings are in good order.
21. Prime oil system prior to start up and ensure oil pressure is obtained Before start up.
22. Ensure first fill of oil is as per OEM specifications and of appropriate Viscosity for engine type.
23. Start engine and warm up around 1500 RPM to ensure adequate oil Lubrication to critical areas. Follow ERAA recommended running in Procedures (see separate document).
24. Tappets to be checked after warm up (where applicable).
25. Torque to yield head bolts must be replaced.
26. Where applicable, non-torque to yield head bolts must be re-tensioned To OEM specifications after initial warm up, and again at 1000km service.

Additional Diesel Engine Instructions

1. Injector pump to be bench tested and serviced if shown to be Necessary. Report/invoice to accompany warranty card if any Warranty claims are made.
2. Fuel injectors to be serviced or exchanged. Report/invoice for this To accompany warranty card if any warranty claims are made.
3. Oil coolers to be cleaned thoroughly, internally and externally.
4. Oil coolers to be visually inspected for corrosion.
5. Oil coolers to be pressure tested before installation.
6. New o-rings, seals and gaskets for oil coolers to be fitted at time Of installation.
7. Injection pump timing to be set in accordance with manufacturer's Specifications and method of setting to be noted on customer's Invoice at time of installation.
8. Turbocharger to be inspected and serviced as required.



Servicing Requirements

1000km / First Service

- ☐ Change engine oil and filter
- ☐ Re-tension head bolts (where applicable)
- ☐ Reset / Adjust tappets (where applicable)
- ☐ Pressure test cooling system and re-tighten all hose Clamps
- ☐ Re-check all engine fitment bolts and nuts
- ☐ Check emission control systems are working correctly
- ☐ Check timing, fuel mixture and idle speed (where Applicable)
- ☐ Check engine management system (where applicable)
- ☐ Change coolant/inhibitor (where applicable)
- ☐ Check thermostat and cooling fans are operating Correctly
- ☐ Ensure all earth leads are connected correctly
- ☐ Road test vehicle

5000km

- ☐ Change engine oil
- ☐ Check air filter(s)
- ☐ Pressure test cooling system
- ☐ Check engine management/timing
- ☐ Check fuel mixture (where applicable)
- ☐ Check operation of thermostat and cooling fan
- ☐ Test Ph of coolant/inhibitor
- ☐ Road test vehicle

10,000km

- ☐ As per 5000km service; plus
- ☐ Change oil filter
- ☐ Check and adjust tappets (where applicable)
- ☐ Change spark plugs (where applicable)
- ☐ Inspect/test catalytic converter

20,000km

- ☐ As per 10,000km service; plus
 - ☐ Change air and fuel filters
 - ☐ Major inspection of vehicle tuning
- These are the minimum servicing requirements to keep
The engine warranty valid, additional vehicle service and/or
Repairs may be required to keep the vehicle in a safe and
Roadworthy condition.