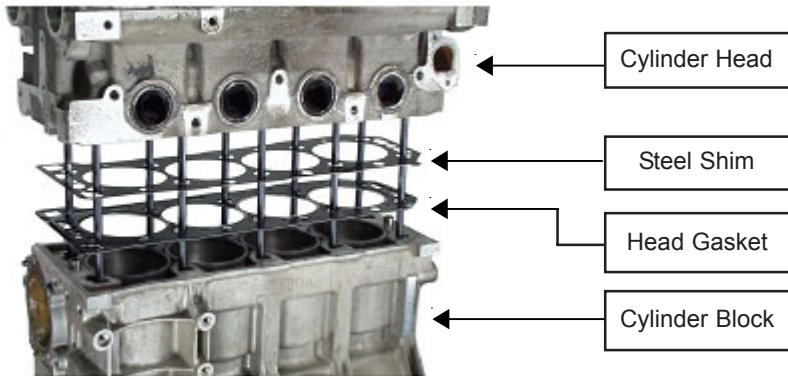




TECHNICAL ADVICE

HG1391 FITTING INFORMATION



When fitting this head gasket, ensure that the shim supplied is fitted between the head gasket and the cylinder head. With the glossy silicon coated side facing the head. This will ensure that the silicon coating will be able to form a dynamic seal between the head and the shim, during thermal cycles.

NB: This head gasket has been designed as a “retro” fit, for the K series engine and will replace the earlier “elastomer” head gasket.

Landrover advise that the early oil feed ladder, be replaced when using this head gasket. The later ladder is Landrover part number LCN000140L

The cylinder head and engine block surfaces must be checked, and machined if necessary, to ensure complete surface contact between the head, gasket and block. Head and block surface must be free from debris and corrosion, particularly around the cooling system passageways.

The cylinder head bolt threads in the oil feed ladder must be cleaned with a thread tap and new head bolts fitted.

Use FAI head bolt set part number, B292

Do not use any additional sealing compound. Failure to do this will prevent the gasket from sealing.

WARNING

All head gaskets perform two main tasks.

Firstly to create a gas tight seal so that your engine can function correctly.

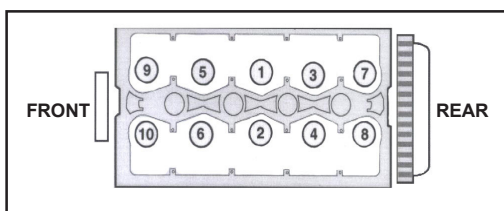
Secondly as a thermal fuse in the event of excessive thermal stress.

The original head gasket on this engine failed, as a result of operating within a hostile environment.

To ensure maximum life of this new head gasket please take the following precautions:

1. Thoroughly flush the cooling system.
2. Have the radiator flow rate checked professionally, and replace if necessary.
3. Check thermostat is operating correctly.
4. Check that the cooling fan is working efficiently.
5. Check all fuel injectors are spraying correctly, and ignition timing is accurate.
6. Refill cooling circuit with a 50/50 mix of a suitable inhibited anti-freeze.
7. Check water pump for corrosion and wear, and replace if necessary.
8. Ensure all water hoses are secure and water tight.
9. Clean both cylinder head and block of any emulsified water and oil.
10. Replace Lambda (Oxygen) sensor, as this will have been damaged by the chemical particles created when the original head gasket failed.

TORQUE SEQUENCE



Measurement Unit	Stage 1	Stage 2	Stage 3	Re-tighten?
Kpm	2	+180°	+180°	No
Lbft	15	+180°	+180°	No
Nm	20	+180°	+180°	No