

Rover "K" Series - Cylinder Head Gasket

Complaint/Effect:

Coolant leakage usually external, but in extreme cases can be internal.

Symptoms on Gasket:

- Cuts/tears in SAC track (silicon bead) on the cylinder head side, often towards the front left and right hand corners of the gasket

Cause:

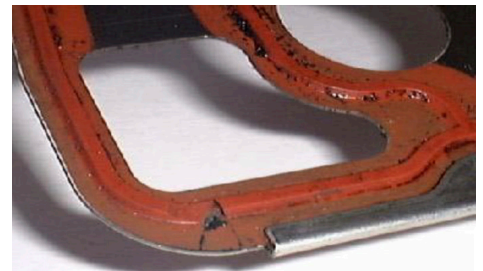
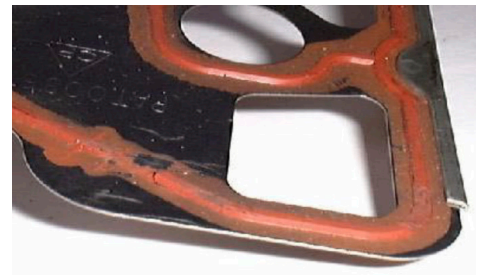
- Careless opening of gasket packaging.
- Misalignment of the cylinder head with dowels whilst re-fitting the head, with engine still in the vehicle.

Remedy:

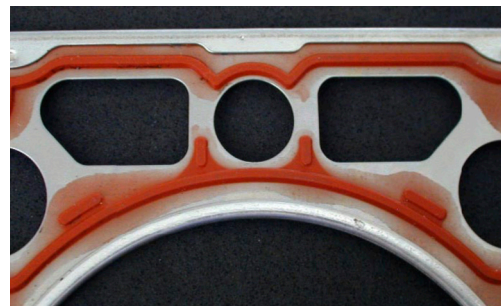
- Do not use sharp blade to open gasket packaging
- Assemble gasket carefully onto engine. Enlist the help of a colleague when lowering the head onto the location dowels.
Note: It is often easier to re-fit the head with all manifolds removed.

Additional Note:

- The "K" series engine is also known for problems caused by oil seepage around number one bore eyelet and into the coolant gallery. This condition results from damage (or omission), during gasket replacement, of the original plastic dowel.
- To eradicate this problem the silicon bead has been modified (see photograph) and the plastic dowel replaced with a steel dowel (Rover - part number LYU100010).



Original



Revised