

## FAQ about Spring breakage

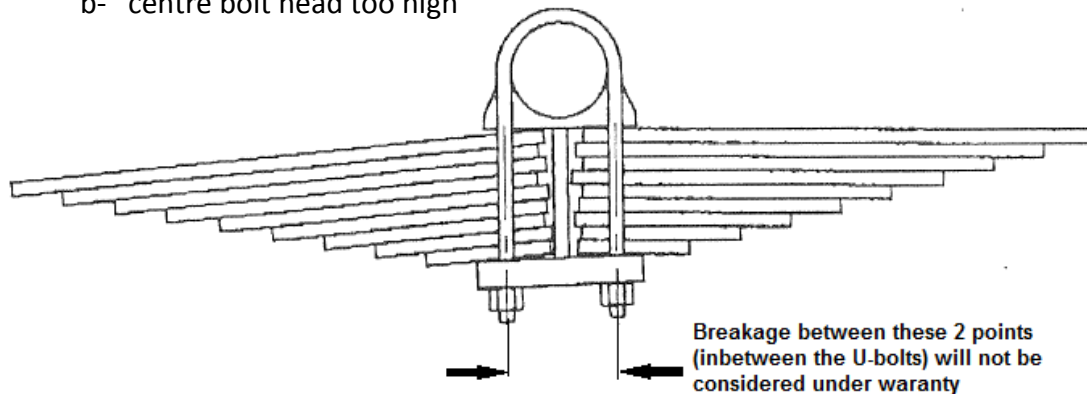
### Spring breakage between the U-bolts

Please be aware that if breakage occurs between the U-bolts, this is due to insufficient clamping and therefore will not be accepted under warranty.

It is a proven engineering fact that the spring section within the clamping (U-bolt area) is a dead element, i.e. no single force or tension will ever occur in this section.

Insecure clamping can occur in the following cases:

- 1 U-bolts are not tightened correctly to the vehicle manufacture recommended torque and/or re-torque as required.
- 2 Non-original U-bolt plate fitted, i.e. not to the OE specification.
- 3 Deformed axle-seat and/or U-bolt plate.
- 4 Centre bolt head is not completely seated within the axle-seat location due to :
  - a- rust or foreign matter
  - b- centre bolt head too high



### Spring breakage due to bush problems

Please be aware that breakage at the bush end can be caused by either a seized bush and shackle pin or if the bush or shackle pin is excessively worn.

Accordingly, the bushes and shackle pins must be well lubricated at all times, in line with the vehicle manufactures recommended service programme.

Bush failure can occur due to the following:

1. Insufficient lubrication.
2. Foreign matter between the bush and the shackle pin.
3. Worn shackle pin or hanger brackets.
4. Incorrect bush or shackle pin fitted.

Any spring failure which relate to the above points will be rejected under warranty, except for item 4, when the supplier has fitted the incorrect bush.