

HOW TO CARRY IT OUT

Grip the steering box in a vice.

Remove :

- the plunger cover (1)
- adjusting shims (4)
- spring washer (2).

Leave spring (3) in position and refit the existing adjusting shims (4) on top of the spring (they must remain in position all through the measuring operation).

Do not turn the steering pinion when the plunger cover is removed.

Fit a plunger cover in which an 8 mm (.315") hole has been drilled in the centre.

Checking the height (H) of the spring washer at rest

With a surface plate and clock gauge, measure the height (H) by using a slip gauge of known thickness.

Take an average reading.

Checking tooth rise and fall

This is obtained by measuring the difference between the highest and lowest point on the rack when the centre part of the latter is moved.

Attach the clock gauge support to the steering box by using one of its fixing holes.

Mark the rack centre zone points (A) and (B) in relation to the end of the steering box :

30 mm (1.3/16")
100 mm (3.15/16")

Always take measurements (A) first, followed by (B).

Insert the clock gauge needle down into the centre of the plunger.

Move the rack to point (A) and set the clock gauge to zero.

Move the rack slowly along to point (B).

Return to point (A).

Move the rack along and stop it at the lowest point of tooth fall, then set the clock gauge to zero.

H-15

