

SB/FS/5

NOVEMBER 1964

## PETROL INJECTION EQUIPMENT

### Replacement Filter Assembly (Part Number 54732089)

Recent changes to the design of the filter assembly renders part of the information contained in SB/FS/3 inapplicable. In particular, it is no longer necessary to manufacture a filter assembly tool to ensure correct fitment of the filter element because a nylon guide tube, which ensures this operation is performed satisfactorily, is included with replacement units. In addition, as indicated in SB/FS/4, the wrong filter element has been fitted in a few cases.

This bulletin therefore is being issued to ensure that information that is no longer valid is not retained and to summarise the information already given on the subject.

Replacement filter assemblies (part number 54732089) comprise the following items:-

Filter Element - part number 711/44

Nylon Guide Tube

Conical Rubber Seal

'O' - Ring

The filter is a C.A.V. unit minus the top 'O' - ring and its part number is clearly shown under the C.A.V. monogram. The 'O' - ring normally fitted to the top face spigot is unsuitable for this application and a Lucas 'O' - ring supplied with the kit, part number 54731428, should be used in its place. The nylon guide tube has ears at each end and is used to locate the filter accurately in the pump inlet chamfer.

### Instructions for fitting a new Filter Element

Note: Before removing the filter bowl, maintain the unit uppermost until the bowl is completely drained of fuel. This will prevent sediment entering the pump.

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The instructions given in SB/FS/3 for fitting are superseded by those given below, which are also included in the boxing note.

- a) Fit the 'O'-ring over the spigot in the centre of the top face of the filter element.
- b) Push the nylon guide tube into the aluminium centre tube as far as it will go.
- c) Fit the element on to the stem in the body of the pump and hold it in position with one hand: the 'O'-ring will now be seated squarely in the chamfered seal recess.
- d) With the other hand push the conical rubber seal onto the stem and up into the central tube of the filter element and press firmly into position. This will hold the element in position whilst the remainder of the assembly is carried out.
- e) See that the filter bowl is clean and that the spring and spring seat are correctly located in position at the bottom of the bowl. Refit the bowl and tighten the fixing nut. Do not use excessive force on this nut; a maximum torque of 8.5lb. - ft. (1.18kg. - m.) is recommended.