



[www.lamaneta.com](http://www.lamaneta.com)  
SERVICE SHEETS

# **BSA SERVICE SHEET No. 412C**

March 1956.

## **C12 AND D3 SWINGING ARM MODELS.**

### **REAR SUSPENSION.**

#### **FRAME.**

The Silent Bloc bushes fitted to the rear suspension swinging arm are unlikely to need replacement for some considerable time. If it is found necessary to renew them, first remove the suspension units by detaching the top pivot bolts and the bottom retaining nuts.

Remove the rear wheel and chainguard. Undo the fork spindle nut and tap out the spindle, using a suitable drift.

Lift the rear fork until it is clear of the side plates; it can then be turned and pulled away from the rear.

After the central distance piece has been displaced the bushes can be removed with a suitable drift.

#### **DISMANTLING THE SUSPENSION UNITS.**

Early C12 models were fitted with a damper spring of 100 lb./inch rate, this was later increased to 124 lb./inch.

The 124 lb./inch spring Part No. 29-4570 can be fitted to early machines where it is considered necessary.

The spring is retained by circlips fitted at its base and a service tool Part No. 61-3513 has been introduced to facilitate removal.

The tool is assembled as shown in Fig. C46 and when the nut is screwed down sufficiently the spring is compressed thus releasing the circlips. The circlips can be extracted through the apertures in the tool and the spring comes away when the tool is removed.

Re-assembly is in the reverse order.



Fig. C46.

B.S.A. MOTOR CYCLES LTD.  
Service Dept., Birmingham, 11  
(Printed in England)