



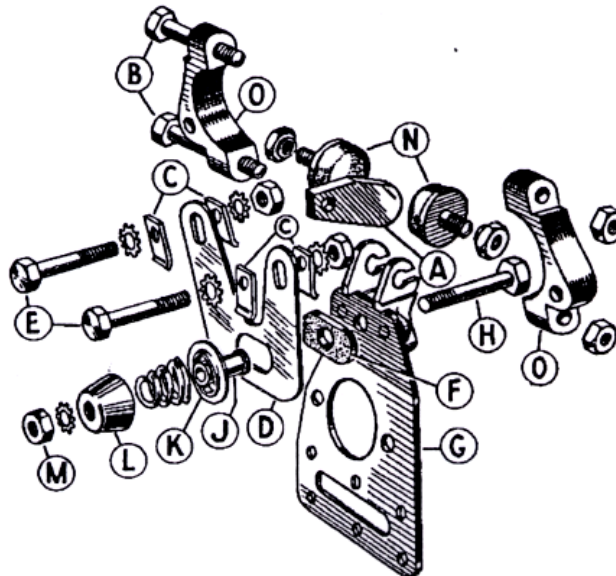
Sunbeam Service Sheet No. 1

Subject: **To prevent breakage of the rear engine mounting damper plate (Model S.7)**

Date: **September 1948**

(This Sheet supersedes Sunbeam Service Sheet No. 1 dated December 1947)

To obviate the possibility of the Engine Mounting Damper Plate breaking in the vicinity of the lug attachment bolts, reinforcement plates are fitted to all models after Engine Number S7-712. These plates have the effect of laminating the damper plate and should be fitted to all earlier models.



To Fit the Plates

Remove the petrol tank and the plate attachment bolts **E** and replace the two distance pieces by the four reinforcement plates **C**, noting that these are fitted with the bevel away from the damper plate. Unscrew nut **M** and take off cap **L** and washer and spring **K**.

Slacken the nuts on the clip bracket and holding the friction disc **F** in position slide the bracket along the frame top tube until the damper plate just touches the friction disc.

Replace the bolt **H** and the distance piece **J** and position the damper plate **D** so that the distance piece is located centrally in the hole in the damper plate. Note that the bolt holes in the damper plate are elongated to allow movement. Refit the washer and spring **H**, cap **L**, and nut **M**, tightening the latter until the cap is locked against the distance piece **J**.

Tighten the nuts in the clip bracket starting with the lower nut to ensure that the tongue **A** is firmly held.

It is important that this procedure is followed carefully, particularly in connection with the positioning of the damper plate against the friction disc and the centralizing of the distance piece **J**. Incorrect assembly of the damper mechanism may result in fracturing of the damper plate.

After reassembly it is essential that the engine mounting is readjusted. Should it be necessary to move the clip bracket **O** to obtain correct clearance between the tongues **A** and the rubber buffers **N** the nuts on the bolts **E** should first be slackened so that the clearance of the distance piece in the hole in the damper plate is not affected.