



STEWART ENGINEERING

THE SUNBEAM SPECIALISTS

Sunbeam Service Sheet No. 7

Subject: Distributor Repairs (All models)

Date: December 1956 (*supersedes all prey. sheets*)

The Distributor supplied with Sunbeam Motor-Cycles is manufactured by Messrs. Joseph Lucas Ltd., to whom it should be forwarded for servicing.

The Driving Dog, Part No. 89-419, Driving Dog Securing Pin, Part No. 89-414, Distributor Shaft Oil Seal, Part No. 89-424 and Thrust Washer, Part No. 89-471, are Sunbeam components, and should be removed before the Distributor is returned to the manufacturer. Failure to take this precaution may mean that the Distributor is returned without these parts.

To assemble these components to a new Distributor, first fit the Oil Seal with its metal face towards the Distributor Body, using a hollow drift to drive it home. Fit the steel Thrust Washer to cover the open rubber face of the Oil Seal and then place the Driving Dog in position on the Distributor Shaft.

With the Distributor flange set in a horizontal position rotate the shaft until, as seen from the Distributor end, the rotor keyway is exactly at 10.30 o'clock, and the external terminal is on the left-hand side.

Without disturbing this setting, rotate the Driving Dog until the projecting tooth is at 12 o'clock. The Distributor Shaft should then be drilled with a 3/32" diameter drill, using the holes in the Driving Dog as a guide. This hole should be reamed with a 1/8" helical tapered reamer, the tapered pin hammered in and its small end tivated over.

SERVICE DEPARTMENT
B.S.A. CYCLES LIMITED