



STEWART ENGINEERING

THE SUNBEAM SPECIALISTS

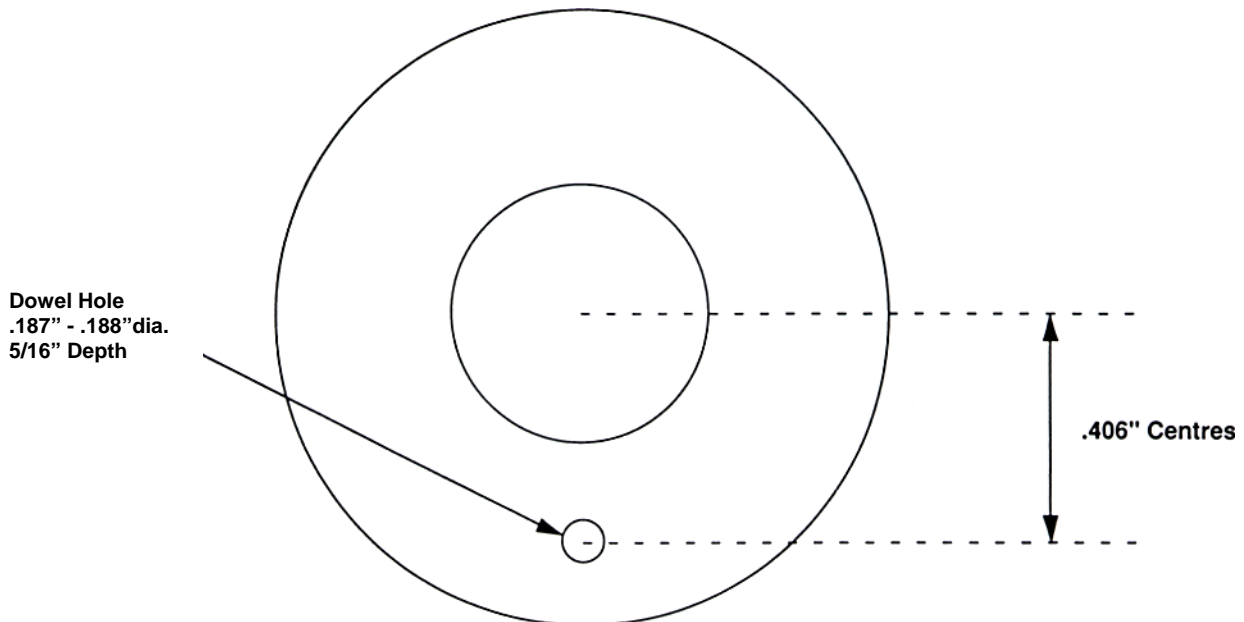
Sunbeam Service Sheet No. 17

Subject: Fitting 50 Watt Dynamo to 1947/8 S.7 Engine

Date: June 1956

In 1949, a larger Dynamo was introduced to provide a higher output. It is mounted on the front of the engine in the same way as the earlier type, the armature being secured by a left-hand threaded bolt, but a dowel has been added to give a more positive drive.

The small Dynamo, Part No. 89-280 will no longer be supplied as a spare, being superseded by the later pattern, Part No. 89-288. To fit this to a 1947 or 1948 machine, the only alteration necessary is to drill the end of the crankshaft to a depth of 5/16" using a standard 3/16" dia. drill, as shown in the drawing below, and to obtain and fit a Dowel, Part No. 89-289. The angular location is not important. The small Hallite Gasket, Part No. 89-287, is still used between the dynamo casing and the crankcase.



Owing to the higher output, a different Voltage Regulator, Part No. 89-9076, will be required. The fixing holes in the Control Box have to be re-drilled to suit.

SERVICE DEPARTMENT
B.S.A. CYCLES LIMITED