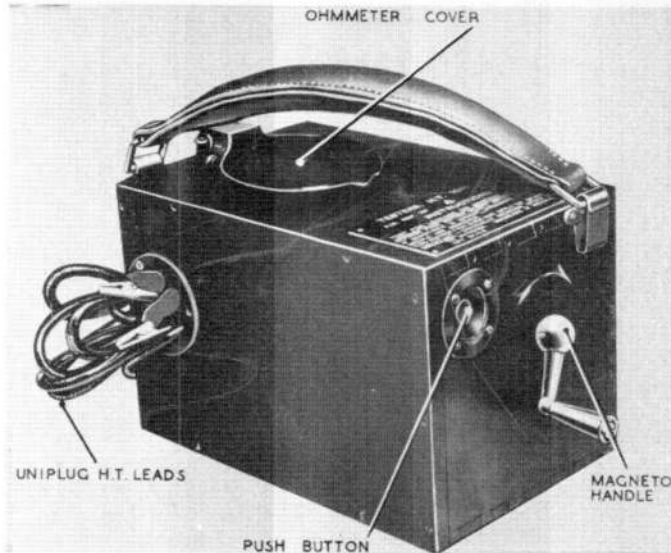


## H.T. IGNITION TESTER, Mk. 2



Ref. No. ... ..5G/399

Associated Publication

A.P.1374G, Vol. 1, Sect. 3, Chap. 11

### BRIEF DESCRIPTION

The Mk. 2 ignition tester is intended for insulation testing and the location of faults in ignition systems and components. It consists of a hand starter magneto connected in series with a sensitive moving coil meter calibrated from infinity to 0.4 megohms. The scale has a green marking between infinity and 2 megohms and a red marking between 2 megohms and 0.4 megohms. A normally-closed push-switch short circuits the motor until readings are to be taken and a capacitance across the primary winding of the magneto limits the output to approximately 12,000 volts at a handle speed of 300 r.p.m.

In operation two leads from the tester are connected across the component or circuit under test and if no sparking is seen or heard when the handle is turned slowly, the push-button is depressed and the indication on the meter noted. Provided that the meter pointer does not swing hard over or hunt violently, the turning speed is increased to 300 r.p.m. and a final reading taken from the meter.

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