

The TRIUMPH Corporation

SERVICE BULLETIN

TO ALL EASTERN TRIUMPH DEALERS:

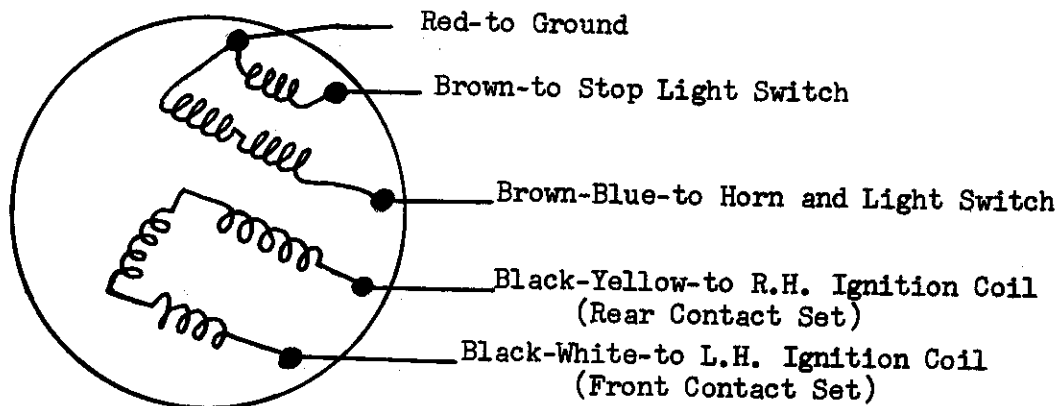
August 24, 1967

67/5

SUBJECT: Revised Internal Connections and Test Procedure - 47197 Stator
Fitted as Standard equipment to latest 1967 Triumph models with
Direct A.C. Ignition (no battery) T120/TT, TR6/C, T100/C and T20/M.

Refer to the wiring diagram for A.C. Ignition models on page H27 of your
latest CD411 Workshop Manual. This is the 1967 manual with white loose
leaf binder and blue printing on the cover.

The internal stator connections shown in Fig. H29 (on page H27) apply to
the earlier 47188 stator. The NEW encapsulated stator, part number 47197,
has revised internal connections as shown in the sketch below.



Note that the Brown wire to the stop light is no longer connected to the
ignition windings.

Refer to page H21 in your CD411 Workshop Manual. Average A.C. voltage figures
for 47188 stator should be 5.0, 2.0 and 5.0 from left to right in the lower
column under alternator output. To obtain these readings, you must unplug all
alternator leads, and run the engine at 3,000 RPM using an outside power source
(a battery and pair of battery ignition coils).

When testing the new encapsulated stator, part number 47197, these output figures
remain the same, but must be obtained by making the following connections:

	<u>A.C. Volts (with 1 ohm resistor)</u>
A - Red and Brown/Blue	5.0
B - Black/Yellow and Black/White	2.0
C - Red and Brown	5.0

These A.C. voltage readings may be taken with any Tri-Cor test set. A 1 ohm
resistor is built into the test set.

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To Test Stator for Shorted Windings:

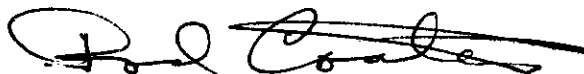
1. Using an ohmmeter or electrical circuit test light (such as Tri-Cor #233) there should be no continuity between any stator lead and the metal stator frame.
2. There should be no continuity between a Black/Yellow or Black/White wire and any of the other three leads.

To Test Stator for Open Windings: (Use ohmmeter or test light as above)

1. There should be continuity between the Black/Yellow and Black/White leads.
2. There should be continuity between any combination of two of the Red, Brown and Brown/Blue leads.

Very truly yours,

THE TRIUMPH CORPORATION



Service Manager

Rod Coates:bjh