

INSTRUCTIONS FOR FITTING MOTOR WITH TRANSISTORISED SPEED REGULATOR.

TO MODELS EL 3300 EL 3301/00.

Parts Required.

<u>Description.</u>	<u>Code Number.</u>
Motor	4822.194.00239
Printed board	4822.194.00257
Switch SK3	4822.175.01514

- a. Detach the complete cabinet from the apparatus.
- b. Remove the old motor and switch.
- c. Disconnect the red wire, running from the switch to points 1-2 of BU2.
- d. Two wires are then left, a blue one coming from the print (R36) and a grey one coming from the battery terminal.
- e. Remove the indicator with the flat spring, which is rivetted or secured by an M2 screw.
- f. Ream the freed hole in the chassis to 3 mm; do the same to the flat spring.
- g. Secure the motor print with a 2.6x8 screw, next to the flywheel underneath the indicator, Also secure the flat spring of the indicator with this screw, see fig. 1.
- h. Fit a soldering tag under one of the screws of the flywheel bracket and under one of the screws of the motor screening, see Fig. 1.
- i. Mount the switch with an M2x12 screw.
- j. Run the wire from the print to the switch along the chassis and secure it by means of the two soldering tags.
- k. Then connect the switch and the motor as indicated in Fig. 2.
- l. Adjustment of the motor speed, see fig. 3.

Speed check.

This speed can be adjusted with R41, fig. 3.
Since it is impossible in this way to check the speed with the standard test tape, the following method should be applied.
One of the sides of a cassette is removed.
This can be done easily with the aid of a knife and a file.
All burrs should be removed from the opening.
The tape can be pulled outside through this opening.
Completely remove the apparatus from the cabinet and insert the cassette.
Position a stroboscope disc (code number A9 407 30/50 for 50 c/s and A9 407 30/60 for 60 c/s) next to the apparatus and lead the tape past this disc, see Fig. 3.
The speed can then be adjusted by turning R41 with the aid of a small screwdriver.

NOTE:- Tape Strobe type HY139 88 (available from Philips Service Centres) can be used in lieu of A9 403 30/50.

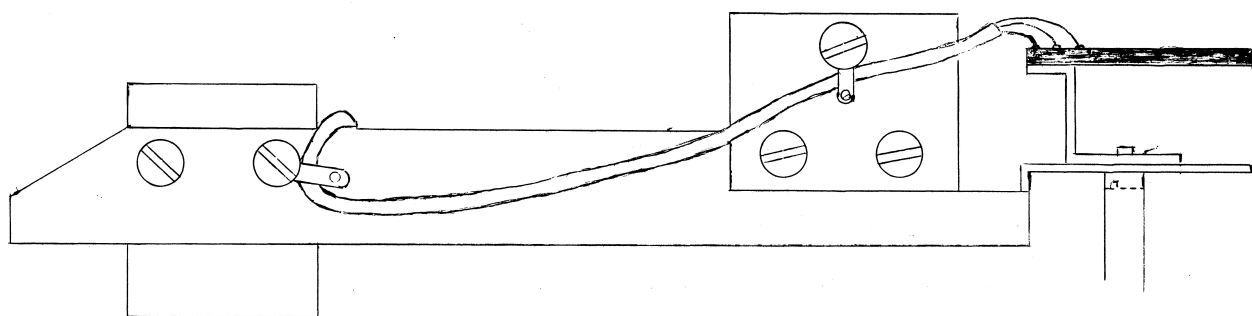


Fig. 1

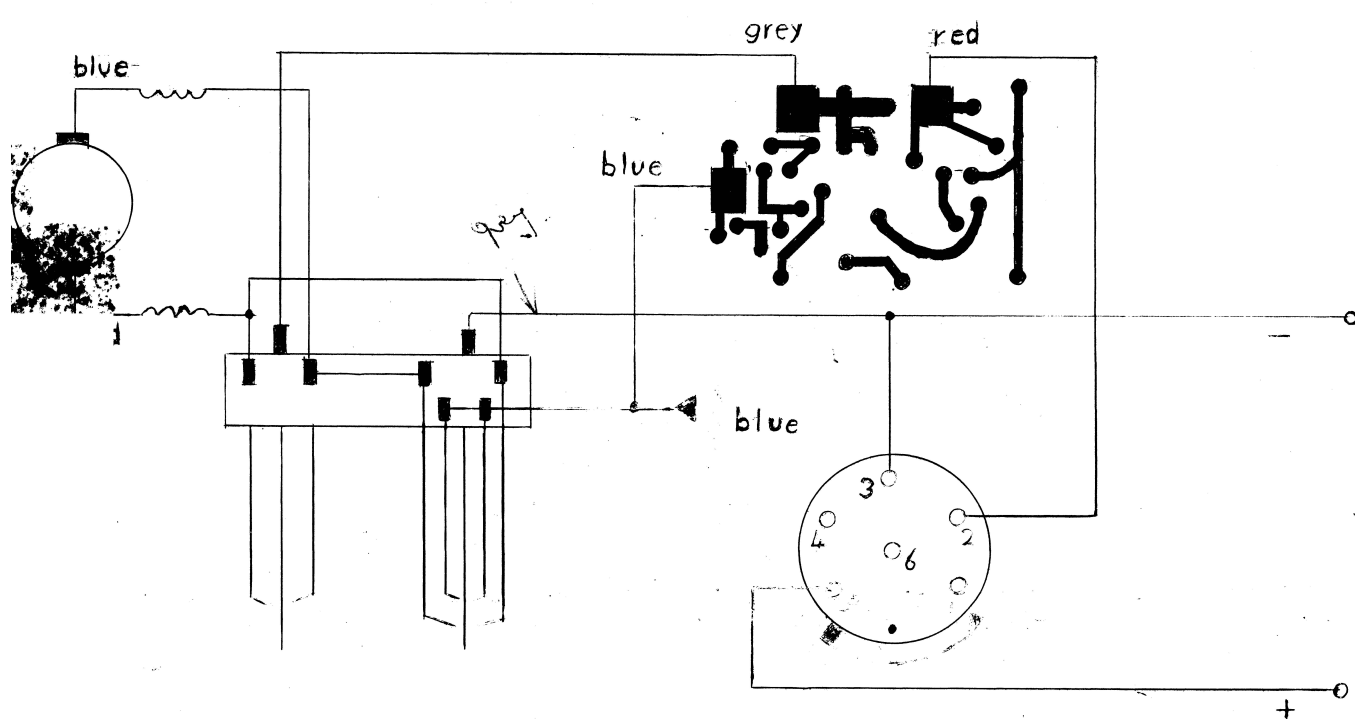


Fig. 2

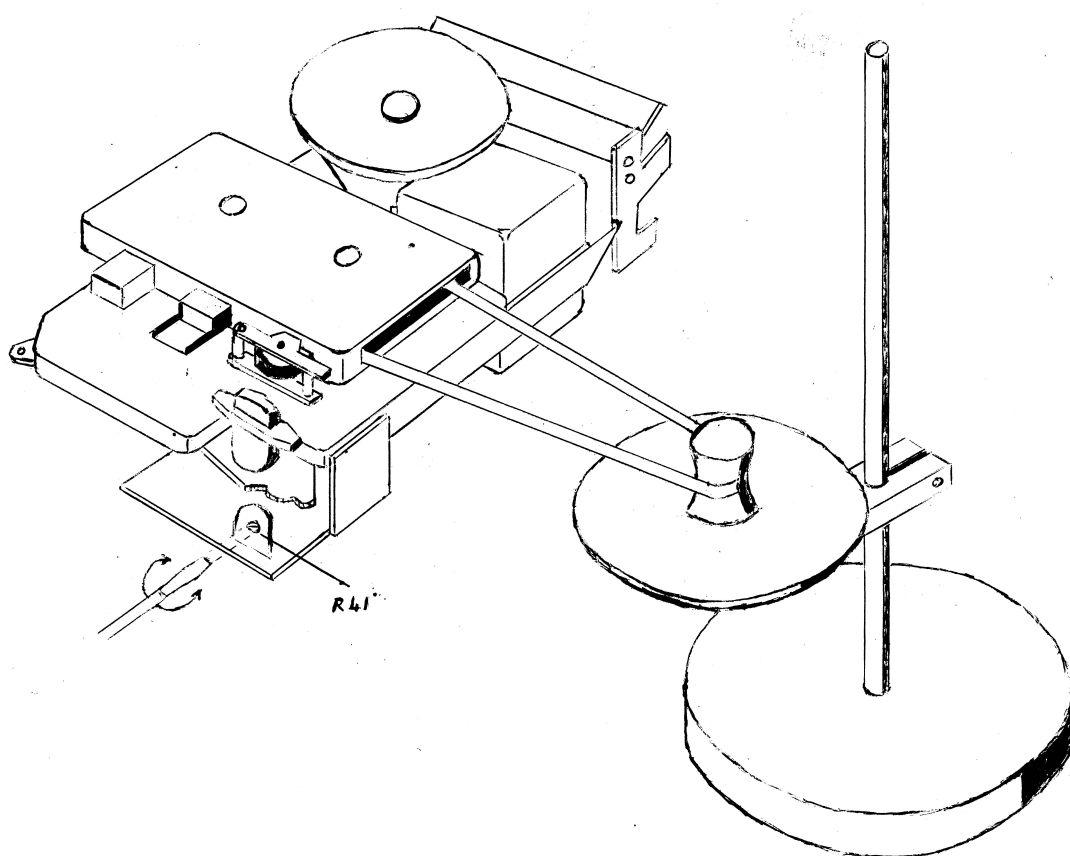


Fig. 3



INTRA-CONCERN MEMO

TO MR. J. CAHALAN,
HEAD OFFICE.

HENDON WORKS

DATE 28/10/66

REF GWC:SC:1554

Info copies Messrs: R. Woodall
K. Munro
File
F/File

AT3 WITH CASSETTE SOCKET.

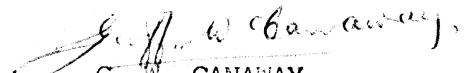
We are sending today for your attention an AT3 radio with DIN socket, connected for use with an EL3794D/OOB.

This has been tried in the following vehicles, with satisfactory result.

Ford Cortina
Ford Falcon XL
EJ Holden
Morris 1100
Valiant S Series
Mini Minor

We have not been able to test out a Chrysler Royal, as recommended by yourself, as cars of this type are not prevalent amongst factory personnel.

Would you let us have the results of your own testing as soon as possible? In case you experience any ignition troubles during your tests (possibly on the earth vehicles) you can experiment with the addition of a 4K7pf capacitor from pin 3 to the DIN socket casing. For cost reasons, we do not propose to include this item unless absolutely necessary.


G. W. CANAWAY