

Flying Spares

Dear Sir/ Madam,
Thank you for ordering one of our loan tools.

Many of these tools are limited in their availability and difficult to replace or repair.

In order to keep their condition to the highest quality we inspect all our tools when they are returned to us.

Upon receipt please check that the tool is suitable for the task required, there may be a slight variance from the picture on our website. Should you have any concerns about the condition of the tool please contact me on 01455 299 781 or email me at martin@flyingspares.co.uk.

Once you have used the tool please be mindful that there may be another request for it, and there is a possibility that I call or email you as a reminder to return the tool.

Thereafter, upon return it is very important that the tool is returned in the original packaging to ensure safe transit.

If you send the tool back with your own courier please ensure you take out suitable insurance cover, particularly where electrical tools are concerned as additional packing may also be required.

Finally, should the tool be returned in a substandard condition we reserve the right to withhold some or all of the surcharge.

To arrange collection please contact us on 01455 292969 and the cost of this will be deducted from your surcharge credit.

Thank you again for your business and helping us to keep these tools in the best condition, your cooperation is very much appreciated.

Yours Faithfully,

Martin Scott
(Reconditioning)

Section C6

A.C.U. test box

Description

The automatic air conditioning system test box (RH 8851) enables the air conditioning system to be tested whilst the components are fitted to the car. The function of the controls on the box are as follows:

1. AUTO/CAL switch.

When AUTO is selected and the ACU is in 'automatic' mode, the test box functions as a servo position indicator. When CAL is selected, the test box can be calibrated.

2. UPPER/LOWER switch.

Selects the appropriate circuit under test.

3. MAX control

With the AUTO/CAL switch set to CAL and the 0% 100% switch set to 100%, the meter can be adjusted to 100%.

4. CHECK VOLTS switch

Measures the following:

Position 1. Supply voltage to the servo modules (9.1 volts)

Position 2. Output voltage from lower servo position potentiometer.

Position 3. Output voltage from lower sensor chain,
Position 4. Output voltage from upper servo position potentiometer.

Position 5. Output voltage from upper sensor chain.

5. IND/VOLTS switch

Determines whether the meter is to be used as a voltmeter or a servo position indicator.

6. 0%/100% switch.

Enables the test box to be calibrated to the servo under test.

7. ZERO control

With the AUTO/CAL switch set to CAL and the 0%/100% switch set to 0%, the meter can be adjusted to 0%.

8. RUN/SET switch

In the RUN position, the switch enables a servo to be operated in the automatic mode or calibrated. In the SET position, the temperature selector dials can be calibrated to a specific servo position.

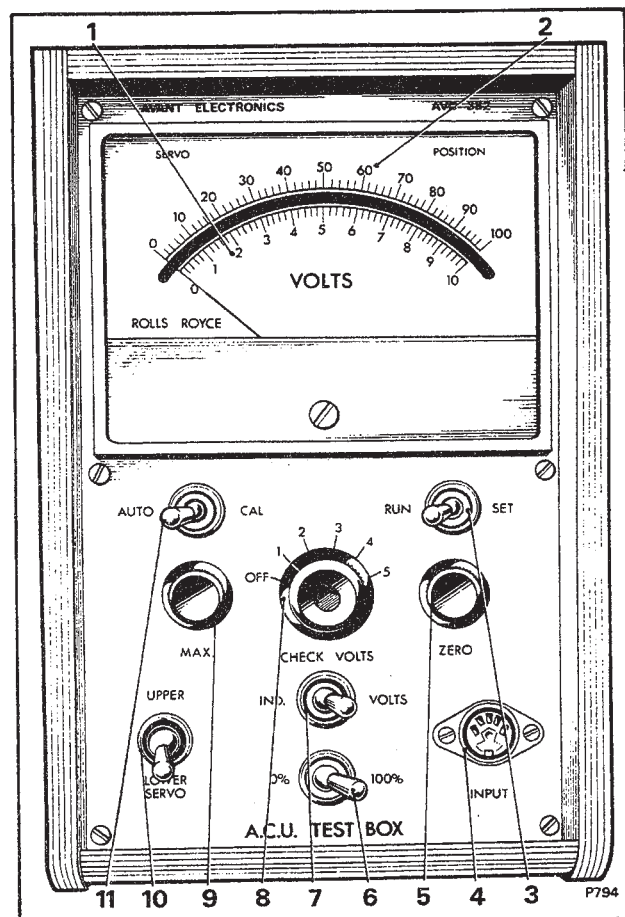
Using the test box as a voltmeter

1. Set AUTO/CAL switch to AUTO and the RUN/SET switch to RUN.

2. Set IND/VOLTS switch to VOLTS.

3. Select the appropriate switch position as follows:
Position 1. Supply voltage to the servo modules (9.1 volts)

Position 2. Output voltage from lower servo position potentiometer.

**Fig. C33 Test box details**

- 1 Volts scale
- 2 Servo position scale
- 3 RUN/SET switch
- 4 Input plug
- 5 ZERO control
- 6 0%/100% switch
- 7 IND/VOLTS switch
- 8 CHECK VOLTS control
- 9 MAX control
- 10 UPPER/LOWER servo switch
- 11 AUTO/CAL switch

Position 3. Output voltage from lower sensor chain.
Position 4. Output voltage from upper servo position potentiometer.
Position 5. Output voltage from upper sensor chain.

