

ENGINEERING MEMORANDUM #5

May 25, 1962

Model A-12, A-12W, A-12W6-8

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FROM: R. G. Fuller

SUBJECT: WIRING AT INSTRUMENT PANEL

The Heater Control Assembly on the A-12 Instrument Panel is a particular hazard to the wiring under the Cowl. The cable operating levers are in a position to cause electrical trouble by chafing the insulation from wires that are not dressed away.

There is one lead which is particularly difficult to dress away when it is on the left side of the control; this is a pink jumper from the ignition switch to the temperature gage. It is just long enough to be on the right side of the control and this is the safe side.

When damage to the insulation has occurred before a change has been made to correct the condition, the subject jumper should be clipped out and a new lead assembled between the two binding posts. This lead should be approximately ten inches long with a Pink cover, #10 ring terminals, and insulating sleeves at both ends. The wire size could be as light as #18 or as heavy as #12 without making any difference excepting in the terminals and sleeves.

Other wires which may be found to interfere with this control mechanism are generally much easier to dress away. Attention should be given to this in service. It is possible that other wires will get into the trouble spot and in severe cases it is advisable to repair with tape.