

Chapter 2F REMOVAL AND ASSEMBLY

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General

1. Removal and installation of the majority of electrical units of the armament system is straightforward and does not require special instruction. The exceptional cases where difficulty might be experienced are dealt with in the following paragraphs.

Armament master selector

2. On replacement of an armament master selector switch, it should be assembled with the mark on the body of the switch facing inboard. This mark may consist of an arrow, spot, or numeral 4. Rotate the switch shaft until the mark or locating pin on the switch shaft also faces inboard. Assemble the knob to the R.B. position.

Note...

Failure to assemble the switch according to the instructions above could result in an incorrect selection.

Change of armament

3. Change of the aircraft's armament from carrying Red Top weapons to carrying Firestreak weapons, entails removal of the Red Top's associated pure air

pressure gauge in the cabin, and the installation of the Firestreak's armed time indicator in its place. The fixing screws holding the pressure gauge should first be removed and the gauge drawn forward, bringing with it the slack of cable assembly FC.161. Disconnect cores AH1, AH151, and AH152 from the back terminals 1, 3 and 4 of the gauge. Tape and stow them safely behind the panel.

4. An armed time indicator is then connected by plug and socket connection to FC.159, which will be found as part of the aircraft wiring behind the panel. After connection, push back the slack wiring and fit the indicator to the panel. Change back to Red Top weapons will entail a reversal of the above procedure.

Note...

As an aid to the above operation, it will be found advantageous to first of all remove the S-band controller, and then use the cut-out revealed for access to the wiring.

Armament indicator panel

5. Replacement of unserviceable lamps in the armament indicator is achieved

by pulling off the indicator face and undoing the lamp block holding screws. This allows the lamp block to be moved upwards giving access to the lamps. Replacement lamps are 24-volt, 0.04A, Ref.No.5LX/9959118.

Cabin switches

6. The G.W. fire control reset switch, R.B. launcher emergency retract switch, and the telemetry switch, all have integral lamps in the knob assembly of the switch. Replacement lamps for these are 24-volt, 0.04A, Ref.No.5LX/9959118.

Junction boxes

7. If the lids have been removed from either of the junction boxes in the pack bay, whilst the circuit is undergoing testing, it is essential that they are properly replaced, otherwise a foul with the weapon pack may occur.

Weapon firing trigger

8. In the event of the weapon firing trigger or its safety catch becoming unserviceable, a new control handle of the correct type must be fitted. The procedure for this operation will be found in Book 1, Sect.3, Chap.4B.

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