

**TRUCK UTILITY 3/4 TON GS, FFR, 12 VOLT
ELECTRICAL SYSTEM
24 VOLT ALTERNATOR EQUIPMENT
RELOCATION OF 24 VOLT REGULATOR AND FUSE BOX
MODIFICATION INSTRUCTION**

Reference: A. AC in WM 23615/10, 28918/1 (For Census Codes 6006A and 6006C respectively).

Introduction

1. This instruction details the changes that are to be made to the mounting position of the 24 volt (V) regulator and fuse box after repair or removal of either assembly becomes necessary. The new position will allow better access to the regulator components without requiring removal. It will also provide better protection from water damage and corrosion through vehicle washing.
2. VEH G 057-14 details the original mounting positions for the complete 24 V alternator equipment.

General

3. **Estimated Manhours to Perform.** 1.0 (initial planning only).
4. **Priority.** Group 2.
5. **Modification to be Applied to.** All stocks of 3/4 Ton GS, FFR, Landrovers fitted with the 24 V alternator equipment.
6. **Items Affected.** Truck Utility 3/4 Ton, GS, FFR, 12 V Electrical System, 24 V Alternator Equipment DSN 2920-66-025-5247 Regulator Engine Generator and DSN 5920-66-025-5273 Fuse Box.
7. **Action Required.** By unit, field and base workshops in accordance with WKSP A 850.
8. **Stores Required.**

Item	DSN	Designation	Qty per Equip
1.	6145-66-018-3943	WIRE ELECTRICAL, insulated 44/012 copper 5 mm, red	As required

Detail

9. Disconnect and discard the lead from the fuse box to the TX terminal on the distribution panel.
10. Remove the conduit retaining clip located in the left hand rear wheel arch. This will allow extra free length of the conduit and cable required when repositioning the regulator.
11. Remove the regulator and fuse box.
12. Relocate and install the regulator and fuse box as detailed in Fig 1.
13. Fit a new lead from the fuse box to the TX terminal on the distribution panel.
14. Test for correct operation.

TABLE 1 - PRACTICAL IMPERIAL EQUIVALENTS DERIVED FROM TEXT

Metric	Imperial
3 mm	1/8 in
6 mm	1/4 in
12 mm	15/32 in
50 mm	1-31/32 in
75 mm	2-15/16 in
101 mm	3-31/32 in
121 mm	4-3/4 in

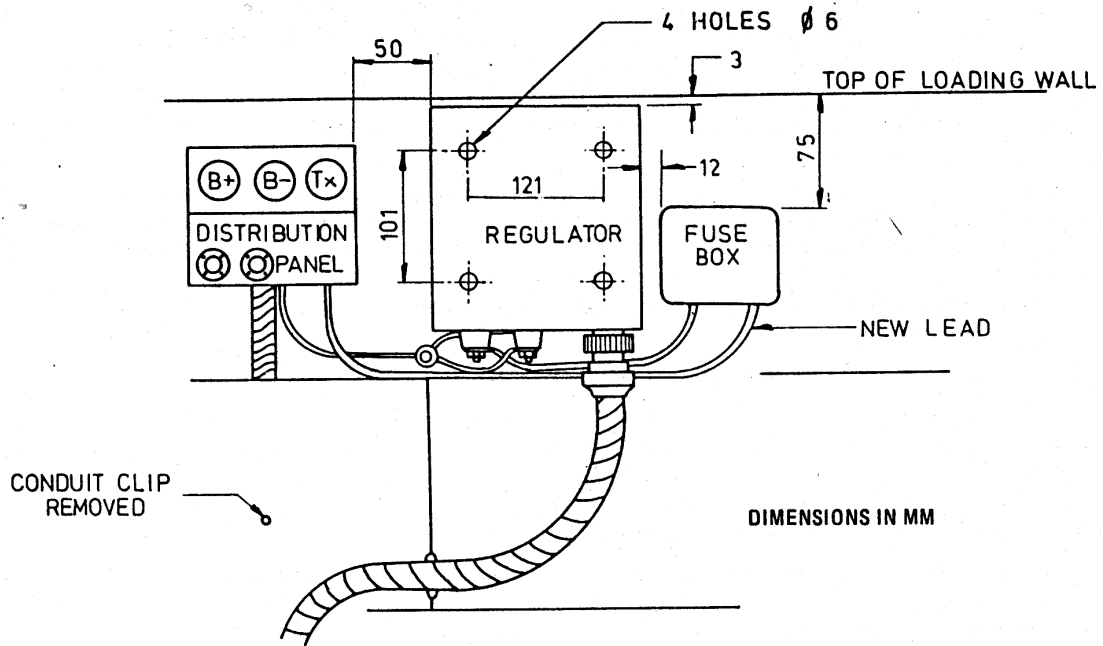


FIG 1 - FITTING DETAILS FOR FUSE BOX AND REGULATOR

END