

R E S T R I C T E D

ELECTRICAL AND MECHANICAL
ENGINEERING REGULATIONS
(By Command of the Army Council)

TELECOMMUNICATIONS
~~F-739~~ Misc Inst No. 1
F789

WIRELESS SET, BURNDIPT BE 201

TECHNICAL HANDBOOK - MISCELLANEOUS INSTRUCTION

Amendment to Designation Plates

SUMMARY

1. Certain Power supply units No. 42, used with Wireless Set BE 201, have been issued with incorrect designation plates which read:-

'Power supply units No. 24'.

2. Items affected:-

Power supply units No. 42

Serial Nos. 501 to 617 inclusive

Serial Nos. 776 to 794 inclusive

Issue 1, 24 Sep 53

Distribution - Class 880. Code No. 4.

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3. Action required by:-

Units holding these equipments and REME workshop units, all lines, receiving them for repair.

Amend the designation plates as follows:-

DETAIL

4. Delete the figure '2' on the plate, using an engraving tool or scribe, and insert the figure '2' after the figure '4', so that the plate will read:-

'Power supply unit No. 42'

Encl to 57/Maint/5163

END

TRANSMITTER-RECEIVER, RADIO, BURNDPT, BE201

TECHNICAL HANDBOOK - MISCELLANEOUS INSTRUCTION

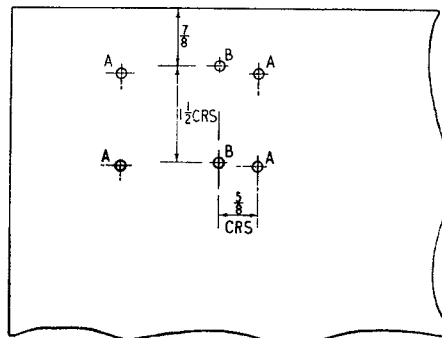
SUB-TITLE: Power supply unit, No 42 - Replacement of changeover contactor

SUMMARY

1. The existing generator change-over contactor RLB in the Power supply unit, No 42 (P.S.U. 42) is designated: ZA 31996 - Contactor, 25 amp, No 2. This component is now no longer manufactured, and when existing maintenance stocks are exhausted, it will be replaced by ZA 56881 - Relay, armature, 250V, 30 amp., 12V, 0.32 amp., 37.5Ω coil, which is not directly interchangeable with the existing type. This regulation gives details of the action necessary when the new type relay is to be fitted to the PSU.42 for the first time.

ACTION

2. When relay RLB on PSU 42 is to be replaced by a component of Part No ZA 56881, and the item removed is of Part No ZA 31996, carry out the following action:-
- (a) Remove the chassis side plate of the psu which is nearest the contactor RLB.
 - (b) Unsolder all the leads from the existing contactor ZA 31996 and remove its fixing screws, nuts, washers and spacers. Remove the component from the chassis. Retain two of the No 4 BA full nuts and two shakeproof washers.



UNDERSIDE VIEW OF CHASSIS
A - EXISTING CONTACTOR FIXING HOLES
B - NEW FIXING HOLES DRILL $\frac{5}{32}$ (Ø.156 DIA)

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DIMENSIONS IN INCHES

Fig 1 - Drilling details

- (c) Mark out and drill two 0.156 in. dia holes on the underside of the chassis in the positions given in relation to the existing four fixing holes, at Fig 1.

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- (d) Solder No 4 BA soldering tags (Z2/5940-99-972-7304 - Terminal, lug, No 4 BA hole, x 1/2 in. long, O/A) to the six leads disconnected at (b).
- (e) Using No18 S.W.G. tinned copper wire, connect each pair of terminals on the new relay together, excepting the two coil terminals. The wire used to connect the two armature terminals will be connected, also, to one terminal of the operating coil.
- (f) Position the new relay on the chassis with the larger terminal board towards the front panel of the psu. Reconnect the leads to the relay to agree with the appropriate (relay) part of the circuit at Fig 1003 of Tels F 782.
- (g) Secure the relay to the chassis using two No 4 BA x 1/4 in. long screws (Z2/5305-99-999-4319 - Screw, BA, brass, F.E.H., No 4 x 1/4 in. long, nickel plated) and the nuts and shakeproof washers retained at (b). Reassemble the chassis side plate to the chassis.

T/61131 (D & M)

END