

DRY-REED-TYPE RELAYS

289, 290, 293, 295, AND 318 TYPES

METHODS OF REMOVING AND MOUNTING

1. GENERAL

1.01 This section covers the procedures for removing and mounting 289-, 290-, 293-, and 295-type relays (dry-reed type).

1.02 The section is reissued to include 295- and 318-type relays.

1.03 **Make-Busy Information:** Before removing a relay from the mounting plate, make the associated circuit busy in accordance with approved procedures. In the case of equipment such as the AMA assembler computer, make sure that the equipment is not in use before removing a relay.

2. LIST OF TOOLS

CODE NO.	DESCRIPTION
654A	Relay Remover
654B	Relay Remover
654C	Relay Remover

3. DESCRIPTION OF 654-TYPE RELAY REMOVER

3.01 The 654A, 65B, and 654C tools are provided for dismounting the 289-, 290-, 293-, 295-, and 318-type relays, respectively. As shown

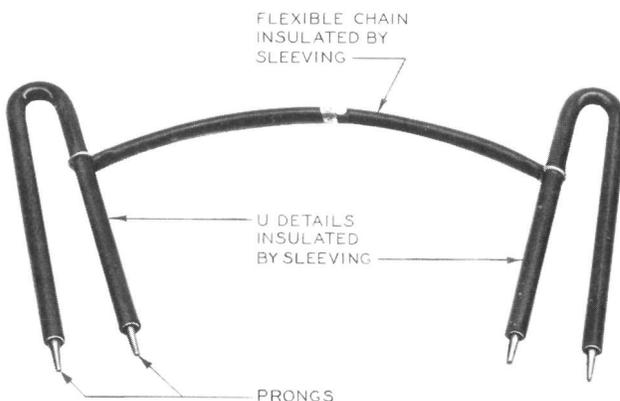


Fig. 1 - 654-Type Relay Remover

in Fig. 1, the 654-type tool consists of two U-shaped details, the legs of which end in pointed prongs. The U details are linked together by a flexible chain; the parts of the tool except for the prongs are insulated.

4. PROCEDURE FOR REMOVING RELAY

4.01 Disconnect all but one of the external leads from the terminals of the relay in accordance with approved procedures. Tag the leads. One lead is left connected to prevent the relay from falling when it is disengaged from the mounting plate. On 290-type relays which have external connections at both ends, the lead should be left at the nonmounting end of the relay.

4.02 Using the proper 654-type tool (see 3.01), hold one of the U-shaped details in each hand and apply the prongs of the U held in the

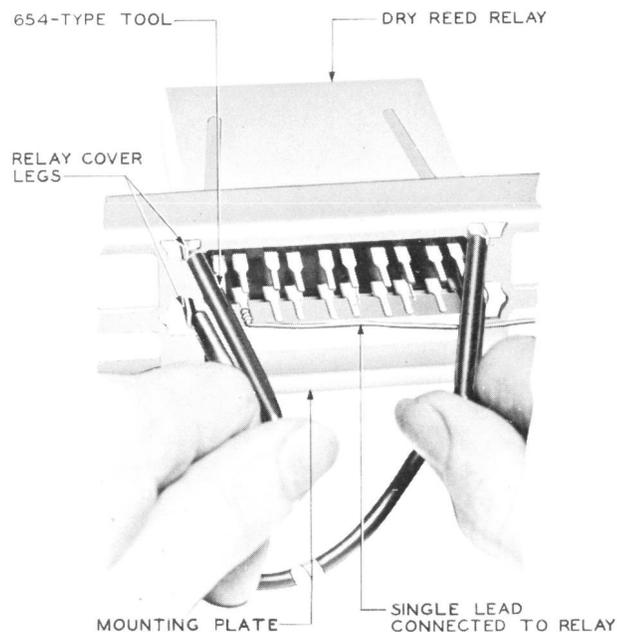


Fig. 2 - Method of Removing Dry-Reed Relay From Mounting Plate

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left hand to the left side of the relay cover and the other U to the right side. Keeping the closed ends of the U's close together, insert the prongs between the mounting plate and the inner surfaces of the legs on the relay cover as shown in Fig. 2.

4.03 Insert the prongs as far as possible. Then, by swinging the closed ends of the U's away from each other, spread the legs on the relay cover horizontally far enough to disengage them from the mounting plate.

4.04 Disconnect the remaining lead from the wiring terminal and remove the relay.

5. PROCEDURE FOR MOUNTING RELAY

5.01 Position the relay to be mounted so that the legs on the relay cover just enter the proper holes in the mounting plate. Press the relay firmly against the mounting plate, making sure that all four notches in the legs of the relay cover latch into the holes in the mounting plate.

5.02 Connect the external leads to the correct wiring terminals of the relay.