



**UNITED  
TECHNOLOGIES  
CARRIER**

Commercial Division  
Carrier Corporation

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## SERVICE BULLETIN

SUBJECT: R1 AND R2 RELAYS ON BARBER - COLMAN CONTROLS

SUPERSEDE

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### PURPOSE

To determine if there is a difference between original and service replacement relays on the subject controls to prevent field wiring errors.

### MACHINES AFFECTED

All 19C 19D, and 19DA machines with Barber-Colman electronic or pneumatic controls.

### INFORMATION

The configuration of the subject relays may vary from machine to machine, but the replacement relay, HN61ZL010, from Service Parts will always be as shown in Fig. 1.

When a relay is replaced, check the configuration of the wires from Terminals A and B back to the contacts. If the configuration is as shown in Fig. 1, no leads are to be reversed. If the configuration on the existing relay is as shown in Fig. 2, the incoming leads to Terminals A and B must be reversed on the replacement relay.

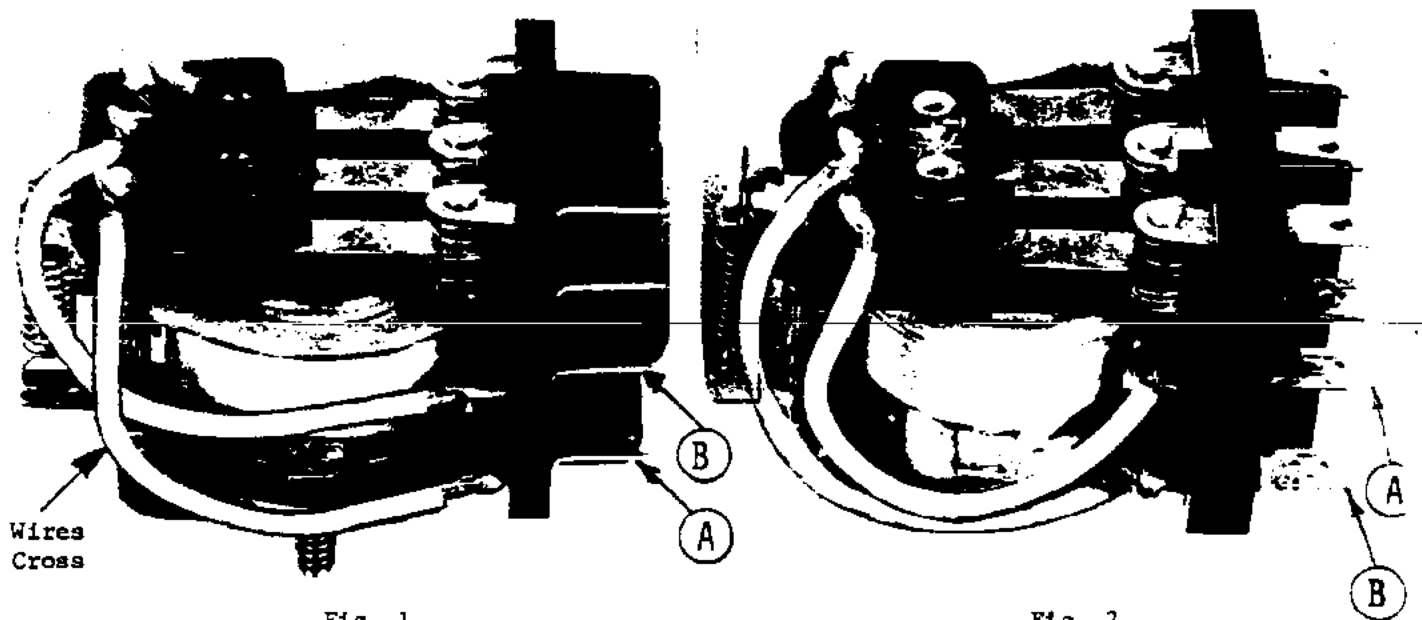


Fig. 1

Fig. 2