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TECHNOLOGIES
CARRIER**

Commercial Division
Carrier Corporation

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DATE: 10/10/77
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SERVICE BULLETIN

SUBJECT:

19DG, DESIGN 2, PURGE PUMP SWITCH WIRING

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PURPOSE

To inform the field of a wiring change in the 19DG Design 2 purge pump switch (Auto-Off-Man.).

MACHINES AFFECTED

19DG machines, starting with Serial No. 25279, shipped from 7/19/76 through to approximately 9/1/77, with the Design 2 purge.

REDESIGN

On the Design 2 purge, the Auto side is wired to Terminal 18 (energized when the starter run contactor is made) which permits the purge pump to operate in Auto only when the machine is running.

ERROR

Some of the Design 2 purges have been wired so that the Manual and Auto positions are reversed. With this and the new connection to Terminal 18, the purge pump will run continually in Auto during machine operation.

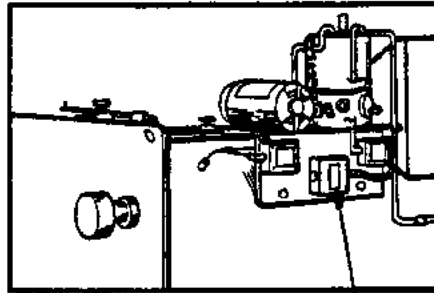
PROCEDURE

The purge pump switch wiring on all 19DG machines shipped as indicated above, and which have the Design 2 purge (Fig. 1), should be checked at start-up. It is possible that the red and brown wires were reversed, with the result that the MANUAL position is AUTOMATIC and vice versa.

Corrective action involves removing the purge switch plate and connecting the red and brown wires to the terminal leads as shown in Fig. 2.

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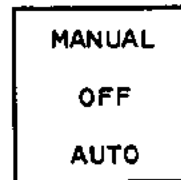
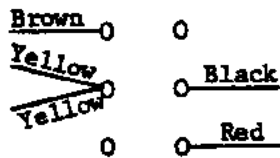


Purge Switch Plate

Fig. 1. Design 2 Purge

Back View of Terminal Connections

Front View of Label



Switch Correctly Wired

Fig. 2. 19DG Purge Switch Wiring