



**UNITED
TECHNOLOGIES
CARRIER**

Commercial Division
Carrier Corporation

BULLETIN: CA-SB-19-C-74-73
DATE: 9/6/74
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SERVICE BULLETIN

SUBJECT:

USE OF NEW STYLE PURGE CHECK VALVE (EC37JD017)

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PURPOSE: To show procedures involved in installation of new style check valve.

**MACHINES
AFFECTED:** 19CB, 19C, 19D, 19DA, and 19DG.

**MATERIALS
REQUIRED:** Check valve kit (# 19DG660002) consisting of:

1. Check valve - EC37JD017
2. Couplings - DEQDA211 (2)

BACKGROUND: The EC37T181 purge check valve was replaced in November 1973 in favor of a circle seal valve.

In the event the old style check valve is found to be operating improperly, leaking, or maintenance is being performed in the area of purge piping, it is suggested the new style valve be used.

PROCEDURE: Instructions for installation of the new style check valve differ per machine and are as follows:

(Pipe thread sealant should be applied carefully to the threaded joints.)

19C, 19D, 17CA Machines

1. Disconnect flare coupling to solenoid, unsolder check valve from piping and discard.



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2. Install a 1/2" O.D.S. x 1/4 M.P.T. coupling into each end of new check valve.
3. Position new check valve and piping as shown, connecting flare nut to solenoid and solder.

19DA, 19DG, and 19CB R-11 Machines

1. Unsolder check valve and solenoid valve piping assembly between valves 3 and 5 as shown, unsolder and discard check valve.
2. Install a 1/2" O.D.S. x 1/4 M.P.T. coupling into each end of new check valve.
3. Position new check valve to piping, place in position on assembly, and solder.

17 and 19CB Machines

1. Disconnect solenoid from bracket by removing nut located on top of solenoid (see figure).
2. Unsolder piping from hand valve and each end of check valve, discard check valve.
3. Install a 1/2" O.D.S. x 1/4 M.P.T. coupling into each end of new check valve.
4. Position all pieces as shown and solder connections.
5. Reconnect solenoid valve to bracket.



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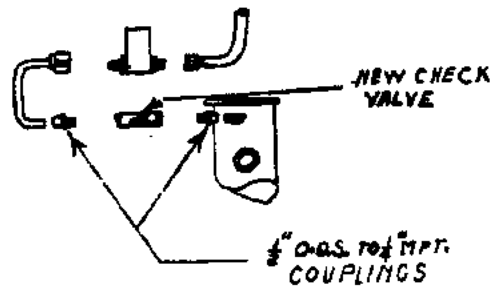
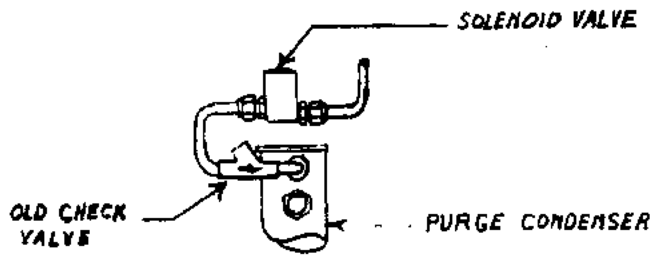
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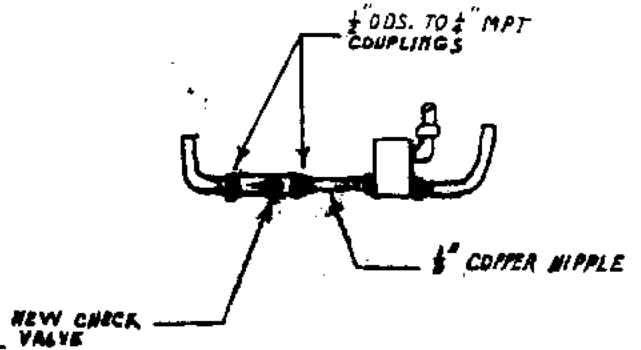
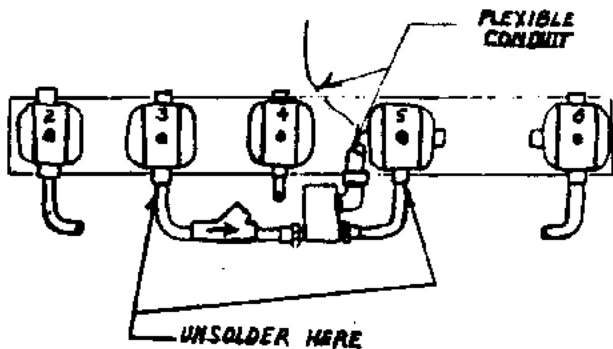
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19 D PURGE PIPING DIAGRAM



19DA, 19DG, AND 19CB R-11 PURGE PIPING DIAGRAM



19CB R-114 PURGE PIPING DIAGRAM

