



**UNITED
TECHNOLOGIES
CARRIER**

Commercial Division
Carrier Corporation

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DATE: 2/9/73

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SERVICE BULLETIN

SUBJECT:

GUIDE VANE GEAR RACK BLOCK

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PURPOSE

To advise of a change in the method of holding the gear rack block in place.

MACHINES AFFECTED

1. Machines built after approximately June 1973 will have the new design block.
2. All other 19C,CB and 17CA,CB machines may be easily fitted with the new block.

BACKGROUND

During the 1960's the gear rack block was redesigned as shown in Fig. 1. It has been suggested, however, that the original design of holding the block in place with a pin removable from outside the machine would make the guide vane operator more serviceable. Figure 2 shows the new arrangement. The new pin and block assembly part number is 19CB112-101.

PROCEDURE

1. Remove the gear cover.
2. Remove the pipe plug which exposes the protrusion of the old rack block.
3. Drill out the protrusion with a 7/16 drill, 1/2" deep.
4. Remove the old rack block by sliding it off the end of the rack.
5. Install the new block.
6. Install the retaining pin with pipe thread sealant on its 1/4 NPT threads.
7. Re-install the gear cover.



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