



IMPORTANT PARTS-SERVICE COMMUNICATION

TO: All Service and Parts Managers

DATE: July 26, 1999

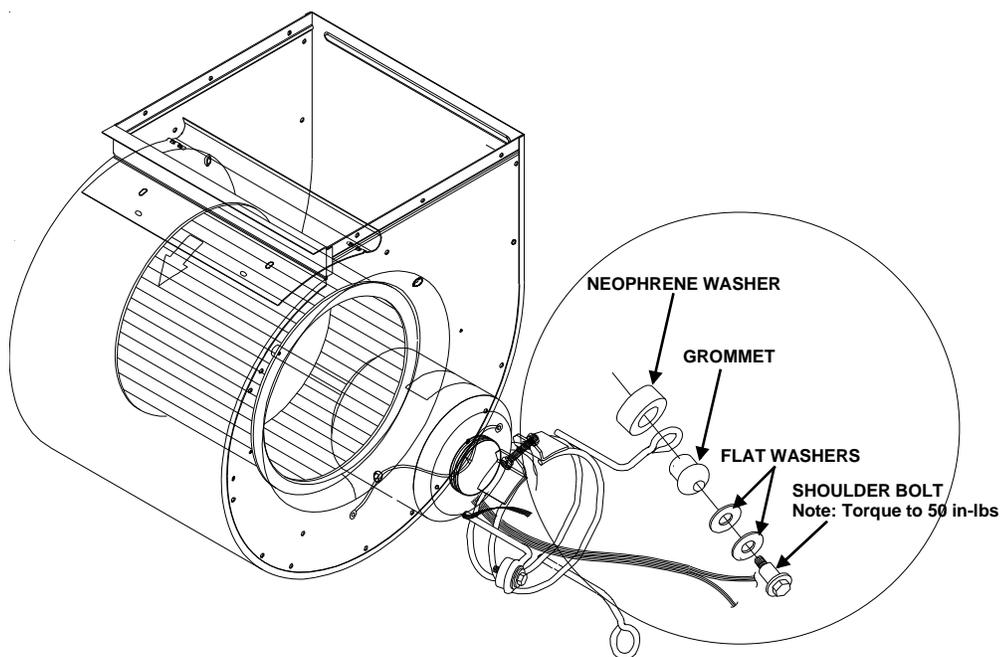
NO: GF-145-B

SUBJECT: Service Replacement Motor Mounting Assembly Kit

In some installations the 10X10 blower wheel (Amana part #D6723306) used on GUC090X50B, GUC115X50B, GUD090X50B, GUD115X50B and GUX090X50B model furnaces, has been found to fail at the center plate-to-blade interlock. This type of failure can occur when the motor speed frequency coincides with the resonant frequency of the system. High duct static installations will cause the blower motor to operate at high RPM which can lead to center plate-to-blade interlock failures.

In order to eliminate center plate-to-blade interlock failures, Amana has released a new motor mounting assembly kit that consists of a stiffer motor mount and grommets for service use and is also currently being used on the furnace models listed above that are still in production. This new assembly increases the system resonant frequency such that it is beyond the maximum speed frequency of the motor. Morrison Products, Inc. has changed their manufacturing processes and implemented quality checks to insure that Amana receives wheels that have a natural frequency above a predetermined value. Morrison will also be implementing tooling assembly changes that will increase the natural frequency of the wheel and expects to have the tooling changes completed by October 1, 1999.

If you encounter this condition it will be necessary to replace the motor mounting assembly while replacing the failed blower wheel to eliminate the potential for future failures. Amana has released a new motor mounting assembly kit (Amana Part #R9900181) which can be ordered from Amana Parts department as needed. Refer to the drawing below for a graphical illustration of the installation of the new motor mounting assembly components.



New Motor Mouting Assembly Installation