

Technical Service Bulletin 020906

DCX Transmitter Blower Motor Replacement Procedure

The following is the recommended procedure for replacing an existing DCX Blower Motor assembly with a larger capacity motor that is required when upgrading to one of the following higher power IOTs:

**Comark TH790 & TH792
E2V D2130 (8707) & D3130
L3/Litton/Northrop Grumman L4480
CPI/EIMAC K2D130W**



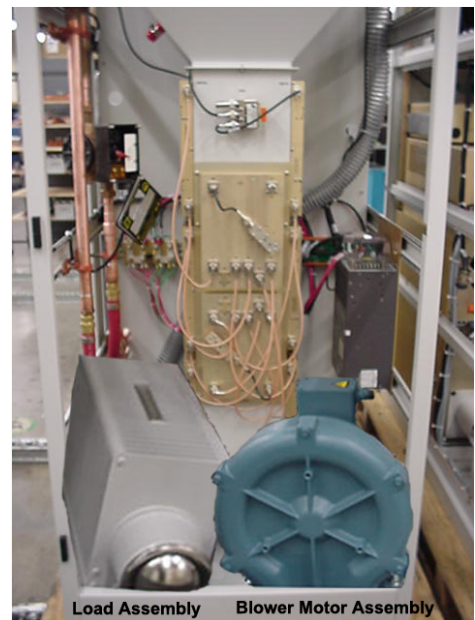
Blower Motor Assembly



Blower Motor Adapter Plate
Coax Load Cable (reference only)
Installation Hardware

Removing the existing Blower Motor and Load Assembly:

1. Ensure power is removed from cabinet and all components.
2. Detach the amphenol connector from blower motor assembly.
3. Disconnect blower motor hoses located on the rear of assembly
4. Remove mounting hardware from blower motor assembly (this hardware will be used again during the assembly portion of this procedure).
5. Remove the 4 rubber isolators for later use.
6. Remove blower motor assembly from the DCX cabinet.
7. Remove load cable from load assembly
8. Remove mounting hardware from the load assembly (this hardware will be used again during the assembly portion of this procedure).
9. Remove load assembly from DCX cabinet.

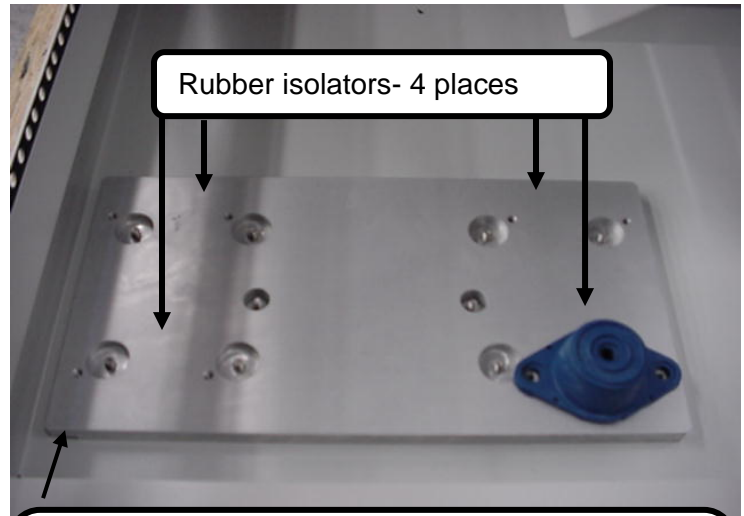


Remove load assembly and blower motor assembly from the DCX cabinet.

Assembly procedure:

1. Using the blower motor hardware from the old blower motor, attach the blower motor adapter plate to the left side of the DCX cabinet.
2. Attach the 4 rubber isolators to the blower motor mounting plate as illustrated.
3. Place the blower motor assembly onto the plate and secure with the provided installation hardware.
4. Attach the blower motor hoses to the motor assembly.
5. Connect the amphenol connector to the blower motor assembly.
6. Attach the load assembly to the right side of the DCX cabinet with the load assembly hardware.
7. Attach one end of the new load cable to the load and the other end of the cable to the termination point on the DCX cabinet.
8. Remove all tools and re-apply power to the cabinet.

This completes the assembly procedure.



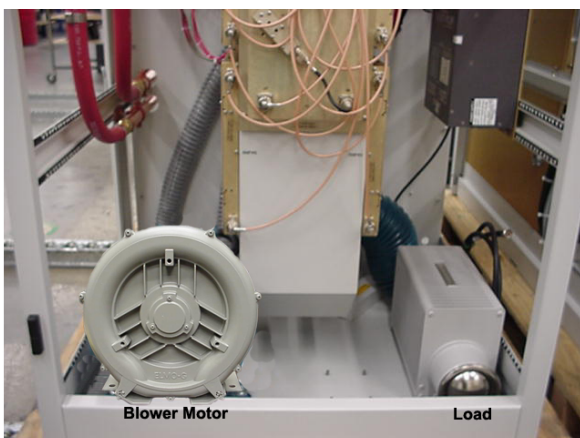
NOTE: For alignment, the machined ridge located on underside of the plate is to be placed on the welded seam of the cabinet prior to securing the hardware.



Front view of Blower Motor Assembly



Coax Load Cable



Parts List: 414164-01 Upgrade Kit, Blower Includes Blower, Adapter Plate, and Hardware