



Service Information

File In/With: -	SI0328	
	New	1016
Equipment Affected:	YCAV, YCIV, YVAA, YVWA	
Pole Assembly Rebuild		

GENERAL

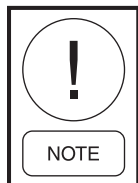
If you have a small tonnage chiller pole failure where you have defective Capacitor(s) or Laminated Bus Structure damage, we recommend that you **DO NOT** rebuild these Pole Assemblies.

This is due to the Pole design needing the use of a Jig to align the Capacitors and the alignment of the Laminated Bus Structure.

We recommend you order a **NEW** Pole Assembly.

All other parts on the Pole Assembly (SCR'S, IGBT'S, SNUBBER CAPACITY'S. BLEEDER RESISTORS, COPPER BUS BARS, ETC.) can be ordered and replaced following the procedure in the *VSD Service Manual (Form 201.21-M1 and 201.21-M2)*.

Figure 1 on page 2 shows the location of the Capacitors and Laminated Bus Structure.



Number of capacitors and size of the laminated bus structure will vary depending on the VSD.

Work on this equipment should only be done by properly trained personnel who are qualified to work on this type of equipment. Failure to comply with this requirement could expose the worker, the equipment and the building and its inhabitants to the risk of injury or property damage.

The instructions on this service bulletin are written assuming the individual who will perform this work is a fully trained HVAC & R journeyman or equivalent, certified in refrigerant handling and recovery techniques, and knowledgeable with regard to electrical lock out/tag out procedures. The individual performing this work should be aware of and comply with all Johnson Controls, national, state and local safety and environmental regulations while carrying out this work. Before attempting to work on any equipment, the individual should be thoroughly familiar with the equipment by reading and understanding the associated service literature applicable to the equipment. If you do not have this literature, you may obtain it by contacting a Johnson Controls Service Office.

Should there be any question concerning any aspect of the tasks outlined in this bulletin, please consult a Johnson Controls Service Office prior to attempting the work. Please be aware that this information may be time sensitive and that Johnson Controls reserves the right to revise this information at any time. Be certain you are working with the latest information.

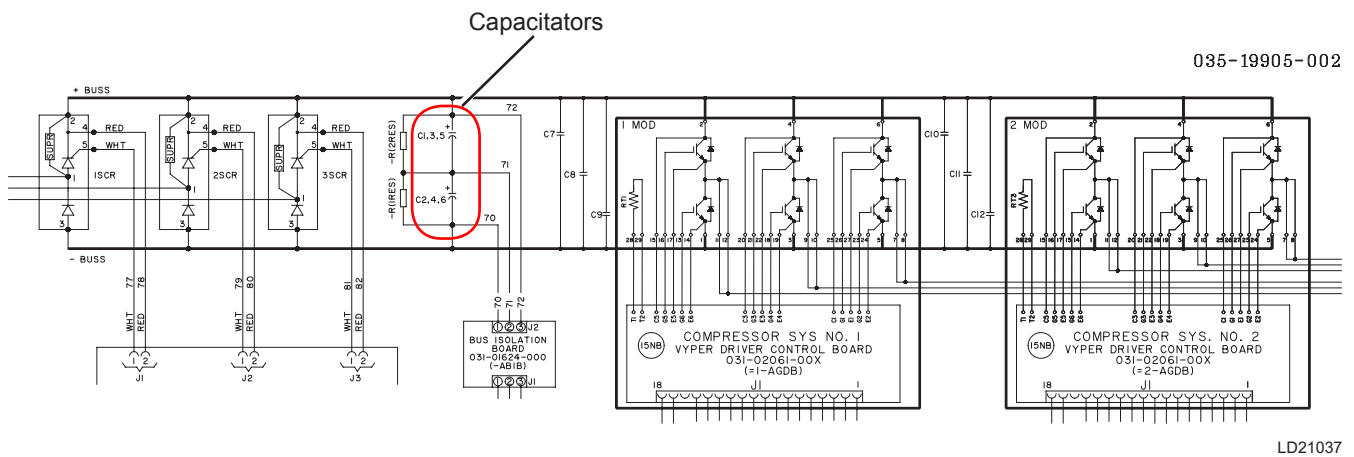
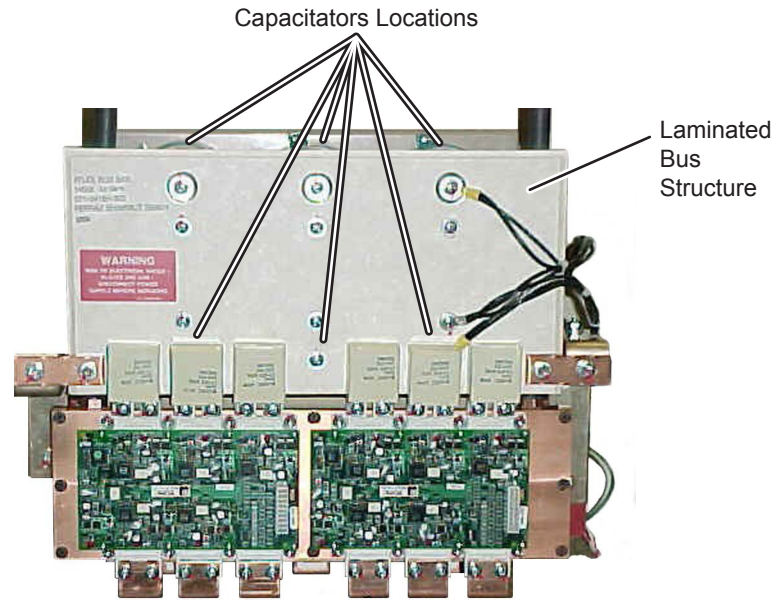


FIGURE 1 - CAPACITATORS LOCATIONS