



## Read these instructions before replacing your ADAPT exciter module!

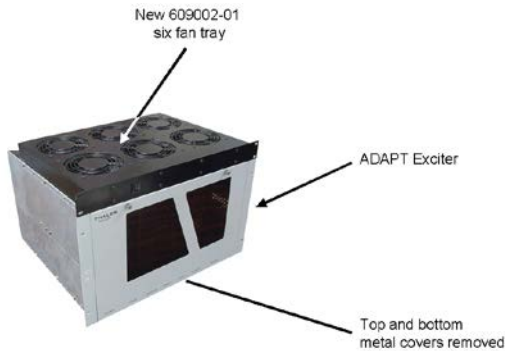
### Remove ADAPT top and bottom covers

To improve the cooling of the entire ADAPT exciter, Comark is recommending that all transmitter customers remove the top and bottom perforated covers of the MODAP chassis (see picture). This modification may be performed by carefully extracting the ADAPT exciter from the system cabinet and removing a series of retaining screws where the covers meet the chassis walls. The RF performance of the ADAPT exciter should be unaffected by the change.

Be sure to carefully record the position of all cables and connectors on the back of the ADAPT exciter prior to removing it from the system cabinet rack.

Removing the chassis covers per the instructions provided in this bulletin will result in a marked decrease in exciter operating temperature and corresponding increase in exciter reliability. Comark Customer Service strongly recommends that you perform this modification at your earliest possible convenience. Maintaining electronic equipment properly cooled and free from contaminants is essential to ensuring years of trouble-free operation.

Remove top and bottom chassis covers



### Recommended Fan Replacement

In addition to removing the chassis covers, Comark strongly recommends that all ADAPT exciter owners upgrade to a new six fan cooling tray.\* The 609002-01 fan tray is available for sale from Comark for **\$199** - below the list price of the major national catalogs. This fan pack doubles the airflow through the ADAPT exciter and features improved mechanical construction to prevent fan jamming from a collapsed cover. Installation is via a direct drop-in replacement in the Advantage, DCX, DCX Paragon, Optimum and Ultimate transmitters. The fan tray may be mounted either below the exciter chassis, as the transmitter originally shipped, or above the exciter to provide protection to internal exciter circuits from falling debris, such as hardware, once the covers are removed.

For Affinity transmitters, the ADAPT chassis must be lowered 1 RU and the fan tray mounted ABOVE the exciter with an UPSIDE DOWN orientation. This arrangement will take fresh air from above the transmitter and push it down through the exciter, resulting in a *dramatic reduction* of exciter operating temperature. A blank 1 RU panel for the space remaining below the exciter will be supplied free of charge to Affinity customers. Specify part number 401300-21 when ordering.

Call Comark Customer Service at **1-800-345-9295** to order this new and improved cooling tray.

\*This announcement does not apply to those Optimum and Ultimate solid state transmitters already featuring a six-fan cooling tray as standard equipment.

Please do not hesitate to contact Comark Customer Service with any questions you may have concerning the contents of this service bulletin. Copies of this bulletin along with useful maintenance information may be downloaded for free at the Comark Customer Service Website.

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