



SERVICE ADVISORY

NO.: 1021 Revision A

TO: Dealers/Owners/operators of Garmin aviation products listed in Table 1 below

DATE: 19 July 2010

SUBJECT: Configuration Modules With Jackscrew-Type Backshells

AFFECTED PRODUCTS

Products listed in Table 1 that are equipped with a jackscrew-type backshell configuration module (011-02179-00) shipped prior to May 2010 may be affected by this issue.

Display Product	LRU equipped w/Jackscrew Backshell Configuration Module
G500, G600, G500H, GNS 430(W)/530(W), GMX 200	GTS 800/820/850 (GTS 8XX)
G500H	GDC 74H
G300, G3X	GDU 370, GDU 375, GSU 73

Table 1

DESCRIPTION

Excess epoxy may be present in the connector of configuration modules with jackscrew-type backshells shipped prior to May 2010. The epoxy can prevent the configuration module harness from seating correctly and may result in a poor electrical connection. If a configuration module loses connection with the harness during normal operation, a failure annunciation will be displayed when the system attempts to write data to the configuration module or when reading data from the configuration module during system power-up.

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PILOT ACTION

If loss of the configuration module connection occurs, a failure annunciation is provided. If a failure annunciation occurs, contact a Garmin Avionics dealer for service.

RESOLUTION

Garmin will replace configuration module sub assemblies which were shipped prior to May 2010 if there is excess epoxy in the connector. Return to service instructions for a configuration module replacement can be found in the respective product installation manual.

NOTE

Garmin recommends that if a display product reports that an LRU listed in Table 1 has failed, the configuration module connector should be inspected to ensure it is properly connected and free of excess epoxy. This inspection should be performed prior to the documented troubleshooting procedures.