Service Bulletin

Bulletin No. 2015-14
OEM No. 2015-10

Circulate to: ☐ Sales Manager ☐ Accounting ☑ Service Manager ☑ Technician ☑ Parts Manager

Magnetic Variation Not Valid Fault

Models Affected

Models Covered	Serial Number
MerCruiser Axius Systems	All
Joystick Piloting for Outboard	All
Mercury Zeus Pod Systems	All
Mercury Diesel Axius Systems	All

Scope

Worldwide

Situation

The Mercury Technical Service Department has received questions about a MagneticVariationNotValid fault displayed in CDS G3 occurring with the Mercury Joystick products listed above. The MagneticVariationNotValid fault does not indicate that there is a defect or problem with the Mercury Joystick system, and does not require further diagnosis. The fault does not affect engine, Skyhook, Joystick, autopilot, or vessel performance.

Inspection

The fault is only visible in CDS G3 freeze frame and active fault lists when connected to products that are equipped with a Mercury Joystick system. The fault is not displayed on VesselView or other SmartCraft display products. Mercury Marine service manuals for Axius, Zeus, and Joystick Piloting direct that no action be taken to investigate or resolve this fault.

Correction

No action should be taken to correct this fault. The fault originates in the GPS antenna and is rebroadcast by the starboard CCM or autopilot modules on these vessels. The fault indicates that the table for magnetic variation is either not installed in the GPS antenna or has expired. Mercury removed the table from the GPS 400 antenna. Replacing the GPS antenna will not resolve this fault.

The fault is not detrimental to the system and will not trigger any other faults. Mercury is currently working to eliminate this fault from the list of displayed faults. Mercury warranty will not cover any effort to diagnose or resolve this fault.

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.