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Zeus Design 2 Joystick Inspection and Software Reflash

NOTICE
Revised August 2018. This bulletin supersedes the previous bulletin number 2017-62, July 2017.

Models Affected

Models Covered	Serial Number
All Zeus pod models that use Design 2 joysticks	0M975122 and above



Design 2 joystick

NOTE: Zeus pods within the serial range defined above may be installed on vessels with design 1 joysticks. This bulletin only applies to vessels that are equipped with design 2 joysticks.

Scope

Worldwide

NOTICE
The service technician performing the procedures described in the bulletin must read and understand the entire service bulletin before attempting a reflash procedure. Failure to follow all service bulletin instructions and the instruction shown in CDS G3 during the reflash process may lead to a reflash failure, resulting in an inoperable or disabled vessel.

Situation

IMPORTANT: The reflash procedure referenced in the previous version of this bulletin has been significantly altered. Refer to Mercury Diesel service bulletin 2018-63 for details of the changes and instructions before reflashing.

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Reflash Checklist

Use the following checklist to guide you through the process.

- Hull ID number _____
- Engine serial numbers:
 - Starboard _____
 - Center _____
 - Port _____
- Current personality name: _____
- Unplug VesselView Link and SmartCraft gauges from the J-boxes
- Reflash the modules in the predetermined order and follow all instructions provided during reflash by G3:
 - Reconnect VesselView Link and SmartCraft gauges to the J-boxes
 - Configure the auxiliary joystick (if equipped)
 - Set the running drive alignment

Joystick Inspection

This joystick inspection should be performed at the next customer service interval.

If the joystick is equipped with the external noise suppressor, replace the joystick/suppressor assembly. The following two images show the differences between the two designs.

Refer to the Joystick Piloting for Sterndrives Diagnostic Manual for joystick bezel removal instructions.

IMPORTANT: Do not remove the external noise suppressor assembly from the joystick. If additional length is needed to accommodate the shorter replacement joystick lead - in addition to the joystick, order extension harness 879171T01.



Joystick with external noise suppressor

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Joystick with internal noise suppressor

In addition, a software update is available for Mercury Diesel vessels that provides general Skyhook improvements, as well as enables the capability for advanced Skyhook features.

NOTE: The advanced Skyhook features will not be enabled following this reflash. This update only provides the capability of unlocking these features with an additional charge.

⚠ CAUTION
If the boat has Mercury Theft Deterrent System (TDS) installed, then both key fobs need to be present to pair with the TDS module after reflash. Failure to have both fobs will result in the TDS system becoming activated and the boat will be limited to Guardian forced idle.

Reflash Process

Refer to **Mercury Diesel service bulletin 2018-63** to complete the process.



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The technician will no longer need to contact Mercury Technical Service to obtain the Vessel Personality prior to beginning the reflash process. G3 will now record and rewrite the vessel personality during the reflash process.

A video of the reflash process can be found on MercNET or by following this link: https://p.widencdn.net/zpv3s8/New-G3-reflash-6_4_18.

Owner Notification

Zeus-equipped vessels that contain CCM 16 software packages and design 2 joysticks should be reflashed to the latest version of software using version G3 2018 Update 9 or above during the next service interval.

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Warranty

United States and Canada: Mercury Marine will credit the dealer for the cost of parts and labor. Submit a warranty claim through your normal warranty processing channel, listing:

1. The Zeus pod serial number
2. The labor for reflashing the software:
 - Labor: 0.5 hour per boat
 - Flat rate code: SB05
 - Part code: 731
 - Failure code: 83
3. For joystick inspection-replacement, claim under starboard pod:
 - Joystick assembly
 - Labor: 0.5 hour per joystick (if vessel is equipped with dual stations)
 - Flat rate code: SB05

Outside the United States and Canada: Follow instructions issued by your local office or by your distributor.

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