Technical Bulletin

PinPoint II™ Gateway Hub Compass Hardware Update

Due to supply chain issues the compass hardware for PinPoint II is no longer available. To maintain supply of PinPoint II systems, new compass hardware has been sourced. The new hardware requires a gateway hub software update to make it compatible with the PinPoint II systems.

❑ PinPoint II systems with a gateway hub serial number of 1278 or lower require no action, the current software revision v2.87 operates normally.

❑ PinPoint II systems with gateway hub serial number of 1279 and higher require hub revision v2.92.

Gateway hub v2.92 software operates correctly on all gateway hubs. Version 2.92 detects which revision of compass hardware is installed and operates the compass accordingly.

Gateway hub v2.87 software is unable to operate the new compass hardware (hub serial number 1279 and newer) resulting in a constant compass reading of 0 degrees.

If ordering a complete new system, revision 2.92 will come preinstalled at the factory and no action is required.

If replacing an existing gateway hub, serial number 1278 or older with serial number 1279 or newer, follow these steps:

Software Update Notes:

❑ If a new hub is shipped as a replacement part, the system should boot up just fine and recognize the CapView and VCM's. If the CapView code is not 4.48, the CapView software update should be upgraded first as per normal update protocol.

❑ Depending on the need for the replacement Hub, CAN issues vs non-CAN issues, Select Settings and Config Settings may be saved prior to factory resetting and restored, followed by a compass calibration.

  • For non-CAN related issues where the location setup, VCM's, and all nozzles are present and properly accounted for in the system but some other issue, (boom switch signals, servo, pressure, flow, etc) are not functioning, saving the config file and select settings prior to

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factory resetting and installing the new hub would be recommended and then they may be reloaded upon power up. Then a Compass calibration should be conducted.

- For CAN related issues, assuming that a factory reset has already been done so the system as it is operating is not correct. Full setup would be required. A factory reset would be needed and then a compass calibration upon completing the setup. Exception- If a config file or select setting file from the system on the current Capview software, v4.48 is available, it could be used, confirmed, and then a compass calibration.