

IQ3 Non Logger Display Firmware Revisions.txt
*****IQ3 Non Data Logger Display FIRMWARE REVISION
LOG*****

Version 2 03/26/2008
Production release

Version 3 04/29/2008 JG
- Fixed issue that was not clearing the decimal on the bottom display properly when warning were triggered

Version 4 6/02/2008 JG
- Fixed issue that was not allowing user to set the decimal on page 2 middle right display.

Version 5 08/05/2008 JG
- Fixed issue that was not updating prop slip properly if prop rpm was not on same display page
- Fixed issue with decimal not displaying properly while in warning mode.

Skipped version 6 and 7

Version 8 10/01/2008 JG
- Fixed issue that would was causing shift light and gear calculation to not work properly if input channels for to calculate them were not on the current display.
- Added ability for use to select how and when to display the number of satellites on the center position.
- Made a few changes to improve gear calculation method.
- Added firmware display banner on power up.
- Medium press on button 2 while programming gear ratios in setup2 now disables the gear by programming the ratio as zero.
- Added ability for user to update the firmware via IQ3 Display Firmware Loader utility. (Requires DataLink 3.3.0 or higher)

Version 9 12/19/2008
- Fixed problem that would not allow programming of RPM, KPH, MPH tags on display page 3.
- Fixed problem that was causing the MPH and KPH tags to be swapped on pages 2, 3, and 4.

Version 10 03/19/2009
- Fixed problem that could cause a system reset while reading a large number of vnet channels thru the serial port.

Version 11 04/02/2009
- Added ability to read current GMT time offset from data logger. (Requires

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DataLink 3.4.2 or higher)

- REQUIRES G2X BLACK BOX FIRMWARE VERSION 44
- REQUIRES G2X RED BOX FIRMWARE VERSION 11
- REQUIRES G2X PRO FIRMWARE VERSION 53

Version 12 04/22/09

- Added ability to flash internal shift light when shift RPM value is exceeded. (Requires DataLink 3.4.2 or higher)
- Disabled warning light trigger when the VNET message driving the warning is not present on power-up.

THIS UPDATE WILL CAUSE THE IQ3 TO REVERT BACK TO FACTORY DEFAULT SETTINGS.

Version 13 08/18/09

- Configured default setting for shift light reset time and level.
- Changed shift light rpm drop to reference max rpm and not the rpm shift setting for each gear. (DRAG RACE MODE ONLY)

Version 14 10/12/2009

- Added odometer function. Uses gear ratio speed channel to obtain vehicle speed.

Version 15 02/17/2011

- Changed the shift light operation when set to 'Drag Race Mode' so that after a shift and gear increment, the gear cannot increment again until the rpm goes above the RPM drop after the shift by the programmed 'RPM Drop for Gear Change' value.

Version 16 05/20/2011

- Added trip odometer. Requires DataLink v3.8.2 or higher.

Version 17 07/20/2011

- Added Smartwire support.

Version 18 03/19/2012

- Fixed issue that was causing the calculated gear and odometer to read incorrectly.

Version 19 11/16/2012

- Fixed issue that would cause a Smartwire switch input to read incorrectly on the display when the filtering value was greater than 1.

Version 20 12/18/2012

- Fixed issue that could cause the dash to reset when a VNET module is slow to respond while when performing a write configuration.

Version 21 06/14/2013

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- Fixed issue with CARD tag flashing when connected to a data logger with the SD card removed.

Version 22: 08/01/2013 JG

- Added ability to disable the warning tag on the bottom display. Requires DataLink v4.3.0 or higher.

Version 23: 01/31/2014 JG

- Fixed issue that was causing the Smartwire voltage,temp and blown fuses channel to periodically display incorrectly when one or more fuses was blown.

Version 26: 05/14/2014 JG

- Added ability to dim the LCD backlight level from a VNET channel. (i.e. headlight switch event)
Requires DataLink v4.4.0 or higher.

Version 27: 03/12/2015 JG

- Added ability to display the time of day from GPS modules or other time keepers.

THIS UPDATE WILL CAUSE THE IQ3 TO REVERT BACK TO FACTORY DEFAULT SETTINGS.

Version 28: 09/30/2016 JG

- Fixed issue that was causing the backlight level to switch to the none dimmed level when changing the display page and using an event channel to trigger dimming.

Version 29: 01/09/2017 JG

- Fixed bug introduced in version 28 that was forcing the backlight to full brightness when the Dim Channel was set to disabled.