



frequently asked questions

Hydra and Hercules NMEA FFD

“How do I test the NMEA Input and Output Port?”

(This procedure applies to pre-version 9.0 NMEA FFD's only)

Step 1 – Wire the FFD as shown in the table below

NMEA FFD CABLE FUNCTION	COLOUR
Network Data –ve	Green
Network Data +ve	White
Network Cable Shield	Shield
Supply +ve	Red
Ground	Black
NMEA Input Return	Blue
NMEA Input Signal	Brown
NMEA Output Signal	Violet

Diagram showing connections for Ground, NMEA Input Return, NMEA Input Signal, and NMEA Output Signal. The Black, Blue, Brown, and Violet wires are connected to a common point labeled 'LINK'.

Step 2 – Activate FFD Test Routine

1. Perform a software power down by pressing and holding the **LIGHTS** key.
 2. Press and hold the **ENTER/RESET** key and the **LIGHTS** key simultaneously until the display shows “Diagnost”.
 3. Press the **ENTER/RESET** key once, the display will show “Key Test”.
 4. Press the ▼ (DOWN ARROW) key repeatedly to scroll through the menu until the display shows “NMEA”.
 5. Press the **ENTER/RESET** key once to start the NMEA Tx/Rx test. A “Pass” or “Fail” will be indicated on the display after completion of the test.
 6. Press the **PAGE** key 3 times to exit the test mode.
-

This completes the NMEA Test.