

HRN-CW08K4

For the most up-to-date version, please visit: <https://gtb.page.link/pYFV>

Description: Custom 8-wire harness kit for vehicles with no supported connectors. Requires **HRN-CM24Y1**. The custom kit contains the harness and a fuse kit. For the harness to work, the installer must connect power, ground and at least one BUS.

Wire color definition:	
Red	Power source
Black	Vehicle ground
Blue	J1939+ / CAN+
White	J1939- / CAN-
Brown	J1850- / J1708+
Green	J1850+ / J1708-
Orange	ISO K-line
Grey	ISO L-line

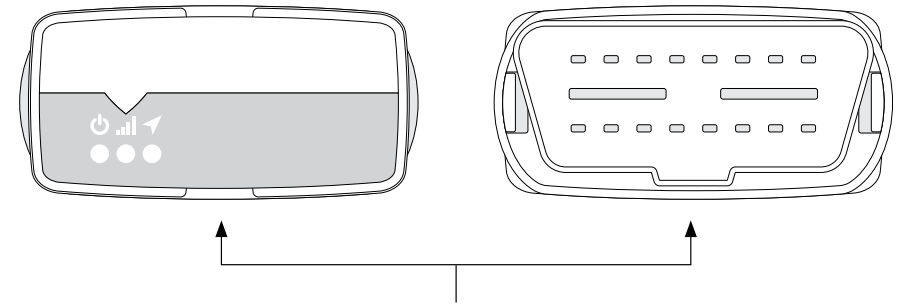
How to identify networks: Look for twisted pairs, approximately 1 twist every inch (25 mm). If they are not labeled as CAN+/CAN- or JBUS+/JBUS-, then you will need to perform a voltage test using your digital voltmeter in DC mode.

Network To Identify	Color	Measure Relative To	Multimeter Reading	Notes
CAN+	Usually yellow	Ground	2.5 - 3.0 VDC	Note that your actual voltage levels may vary. The key is that CAN+ voltage is higher relative to CAN-. See the * NOTE below for more information.
CAN-	Usually green	Ground	2.0 - 2.5 VDC	
JBUS+ (J1708/ J1587) (RS-485)	-	Ground	3.0 - 4.5 VDC	Note that your actual voltage levels may vary. The key is that JBUS+ voltage is higher relative to JBUS-.
JBUS- (J1708/ J1587)	-	Ground	0.5 - 1.5 VDC	

K and L lines if not labeled require interface point from the manufacturer.

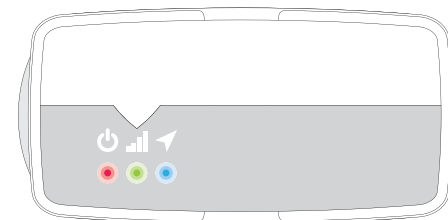
* **NOTE:** To confirm that you have the CAN bus, use a multimeter and verify that the resistance between the two CAN lines is approximately 60 ohms. ! **IMPORTANT:** The battery **MUST** be disconnected when doing this test.

IMPORTANT: Ensure that GPS antenna is facing skyward.



GPS antenna is located at the "bottom" of device.

Start the engine, leaving it to idle. All three LED's will flash red briefly - wait until you see all three LED's: Red (Power), Green (GSM) and Blue (GPS). These tell you the unit has connected successfully.



During this five-minute process the unit will also beep repeatedly as it updates to the latest settings.

Log on to: <https://installmygps.com>

Enter install details as prompted.

Professional Installation Required – Installation of the HRN-CW08K4 requires the installer to have sufficient technical knowledge and expertise for Off-road equipment installation, i.e. Certified Geotab® Installer certification or equivalent.

WARNING! Prior to HRN-CW08K4 installation, read and follow GO device installation instructions ([GO Device Insert](#)) to ensure GO device installation is correct in preparation for HRN-CW08K4 installation. Incorrect installation of either the GO device, and/or HRN-CW08K4 can result in loss of equipment control and serious injury.

WARNING! Prior to HRN-CW08K4 installation, read and follow [Important Safety Information and Limitations of Use](#). Always read and follow all safety information to prevent loss of equipment control and serious injury.