



## PD.4 Installation Instructions

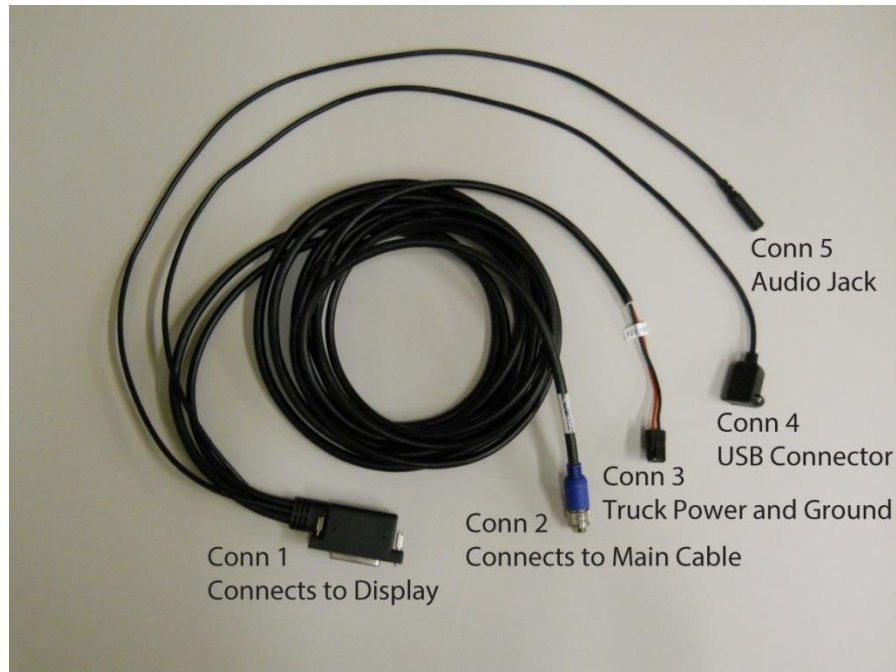


Item Number	Part Number	Part Description
1	L-016-0519	ASSEMBLY, Cable, PD.4, Vehicle-Powered
2	L-016-0515	ASSEMBLY, Cable, Fuse Harness DC-DC Input Power Connection
3	H-050-0013	RAM SWIVEL MOUNT 1" Diameter Ball Mount w/2-2.5 Round AMPs Bases
4	H-048-0001	HARDWARE Kit, Sheet metal Screws, Phillips, Pan head, Black, #8 x 3/4" Long, Qty 4
5	H-048-0509	SCREW PACK, Machine Screws, Phillips Pan Head, 8-32 x 7/16", w/Internal Tooth Lock Washer, 18-8 SS, Qty 4
6	F-004-0002	PAD, Alcohol Cleaning, 1.75" x 3.25", NFPA=1,3,0
7	L-020-0020	KIT, Hook & Loop Fastener Tape, 3M Dual Lock Re-closeable Fastener, 1" x 2" Pieces in a Zip-lock Bag, Qty 4
8	D-011-0509	GUIDE, Quick Reference, PD.4
Not Illustrated	D-011-0510	INSTRUCTIONS, Installation, PD.4
Not Illustrated	D-011-0513	eLog Cab card
Not Illustrated	D-011-0174	eLog Stickers





## Connector description of the PD.4 Options Cable L-016-0519



### Install Procedure

#### Step 1

Refer to the PeopleNet recommended Truck Power and Ground Locations documents in the PeopleNet Support Center and connect **Conn 3** to Battery Power and Ground Source using the 10-Amp in-line fuse harness L-016-0515.

*Note: One Battery Circuit can be used for the OBC and the Display as long as the circuits are separated and a 10 Amp in-line fuse is used for the Display and a separate 5 amp inline fuse is used for the OBC Battery Power.*

#### Connector 3 Pin Placement

**Pin A (Black Wire) = Ground**

**Pin B (Red Wire) = 12v 10 Amp Battery Circuit**



## **Step 2**

Route the 44 pin connector (**Conn 1**) to where the PD.4 Display will be mounted and connect into the display, ensuring the 44 connector pin jack screws are secure.

***Note:** When inserting or removing the 44 pin connector from the display, it should be as straight as possible to avoid pin damage.*



## **Step 3**

Route the PD.4 Display Cable Options Lead (**Conn 2**) to the Main Cable DIN 8 Connector (Another Blue Round Connector) and plug in the PD.4 Display to the Main Cable DIN 8 Connector, making sure the connection is secure.

## **Step 4**

Align and mount the included RAM Swivel Mount to the back of the PD.4 Display using the Pan Head **8-32 x 7/16"**, **w/ Internal Tooth Lock Washer, 18-8** from package H-048-0509. Tighten mounting screws as needed, but do not over-torque.

***Note:** The PD.4 Mounting Screw Inserts are different than the other BLU.2 507 and 307 model displays.*



## **Step 5**

Mount the RAM Mount to a surface capable of supporting the weight of the Display and Mount.

## **Step 6**

Activation of the PD.4

The PD.4 activation process registers with the PeopleNet Fleet Manager and synchronizes the PD.4 with the Onboard Computer (OBC). The activation process must be completed for each PD.4 installation. Once the PD.4 is installed and powered up, the PD.4 automatically prompts the installer to complete the activation. Depending on the OBC firmware, the activation process may begin with the G3/OBC Downloader. The G3/OBC Downloader process updates the firmware on the OBC, so the OBC and PD.4 have the best firmware match. The activation process differs slightly for PD.4 upgrades and new PD.4 and OBC activations.



## G3/OBC Downloader Process

1. If a firmware update is required, the PD.4 prompts "...Would you like to update the OBC?" Select **Yes**.
2. The download begins and takes approximately **7-10 minutes to complete**.
  - i. If the display states that it is waiting for the OBC to reboot before the Non-Volatile Random Access Memory Clears, you will need to pull the 5-amp power fuse on the OBC for two seconds, then reinstall the fuse in order to refresh the process.
  - ii. For additional details, please see the article ["Manual Trigger of OBC Downloader"](#)
3. PD.4 displays "Download Complete" as each software packet is downloaded. **The G3/OBC Downloader process is fully completed when the screen displays "OBC Upgrade Successful."**
4. If the process freezes during power down, repeat section "i" of Step 2, then attempt again.
5. Press OK. PD.4 then proceeds to the **activation** process.

## The PeopleNet Support Center

The PeopleNet Support Center is an online resource center including Training Opportunities, PeopleNet Installation Certification, Manual & Reference Card Resources, and information about PeopleNet's Professional Services offerings.

There are two ways to access the PeopleNet Support Center:

1. Click on the PeopleNet Support Center link on the main page when logging into the PFM. This link is located in the upper right hand corner above the Vehicle Filter field.
2. Type <http://peoplenet.custhelp.com/> into a browser window



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