

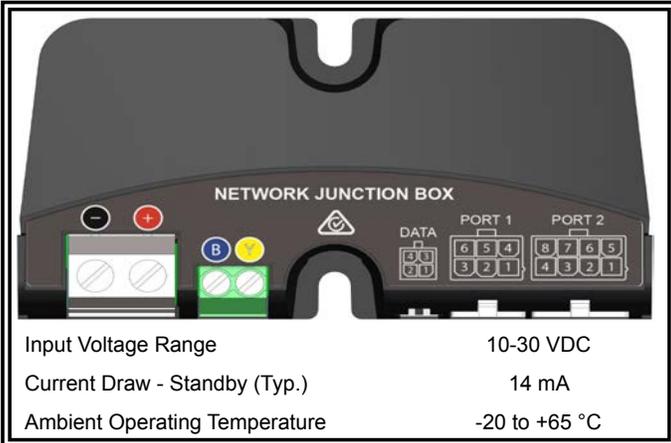


# Installation Instructions PURSUIT HARDWARE Quick Install



## Pursuit Light Bar Hardware Configuration

The Pursuit Light Bar is designed to mount directly to the vehicle's roof using a standard Code 3 Mounting Foot and Gutter Hook Brackets.



1. Mount the Pursuit Light Bar with supplied Mounting Foot and Gutter Hook Brackets.
2. After the light bar has been mounted route the wiring harness into the vehicle to the intended network junction box location.
3. Route vehicle power and ground to the junction box. It is preferred that both of these connections be made direct to the battery. Use suitable high-temperature wire if it passes through the engine compartment. Install a suitable fuse as close to the point of tapped power as possible.
4. See table below for wiring instructions concerning the lightbar harness and vehicle power. Leave unused wires unconnected and insulated.
5. Use cable ties and grommets to secure and protect the installation as necessary.

| REF    | PORT                  | DESCRIPTION   |
|--------|-----------------------|---|
| ⊖      | Black screw terminal  | Connect both the Black wire from the Pursuit lightbar's six conductor cable, as well as the vehicle ground connection, to the screw terminal. Use a good chassis ground point or the battery negative terminal, with the shortest possible wire length of a 10 AWG (4.5mm <sup>2</sup> ) automotive wire.   |
| +      | Red screw terminal    | Connect both the Red wire from the Pursuit lightbar's six conductor cable, as well as the vehicle's power connection, to the screw terminal. Use a 10 AWG (4.5mm <sup>2</sup> ) automotive wire from an external fuse or circuit breaker with the shortest possible wire length. The recommended external fuse size is 30A. <b>Do not connect this power wire until all other connections have been made to the unit.</b> |
| B      | Blue screw terminal   | Connect the Blue wire from the Pursuit lightbar's cable. <b>This wire connects directly to the lightbar's internal controller and should never be connected to power.</b>   |
| Y      | Yellow screw terminal | Connect the Yellow wire from the Pursuit lightbar's cable. <b>This wire connects directly to the lightbar's internal controller and should never be connected to power.</b>   |
| DATA   | 4 Way Socket          | Connect the C3Pro Configuration Programmer to this port when programming.   |
| PORT 1 | Green/Black           | Level 1 Emergency Mode  |
|        | White/Black           | Level 2 Emergency Mode  |
|        | Red/Black             | Level 3 Emergency Mode  |
|        | Orange/Black          | Takedowns   |
|        | Blue/Black            | Rear Cut  |
| PORT 2 | Yellow                | Left Alley  |
|        | Purple                | Right Alley   |
|        | Grey                  | Takedown and Alley Flash  |
|        | Brown                 | Driver Side Cut   |
|        | Green                 | Cruise  |
|        | Blue                  | Dim   |
|        | Pink + Orange         | Arrowstik Center Out  |
|        | Orange                | Arrowstik Right   |
| Pink   | Arrowstik Left        |   |

**Note: All the above are defaults and can be changed in the software.**



## Installation Instructions PURSUIT SOFTWARE Quick Install



### **C3 Pro™ Interface Software Requirements**

The C3 Pro Interface Software requires the following items to function properly:

- PC or laptop computer with a USB port
- Compatible with Microsoft Windows 7™ or later
- USB Cable (A Male to Micro B Male)
- PDF reader to open PDF files available on thumb drive.

### **Software Installation**

1. Insert the thumb drive into a USB port on your PC or laptop computer.
2. If the software automatically starts the install process, skip to step 6. Otherwise go to the next step.
3. From the Windows Start button, select Run, then click on Browse and navigate to the drive designated by your computer for the thumb drive.
4. Select the C3ProSetup File and press Run.
5. Press OK to run C3ProSetup File which will start the setup.
6. Follow the instructions presented by the installation wizard.

After the software installation is complete, the program is started by double-clicking on the icon created on the desktop. The user can then configure features and functions for each light head. The setup can be saved for future use.

**NOTE:** Power must be connected to the two pin connector labeled with  and  on the Junction Box.

### **Installation of USB Driver For C3 Pro**

If this is the first time a Pursuit Lightbar has been connected to this computer, a Windows Security screen will pop up. Allow the drivers to be installed. Future Pursuit Lightbars will connect automatically as long as the same USB port is used.

### **Basic Steps to Configure the Pursuit Lightbar**

1. Launch the C3 Pro Interface software.
2. Connect PC to the USB cable.
3. Connect the USB cable to the USB to CAN Adapter Box.
4. Connect the USB to CAN Adapter Box to the 4-wire cable
5. Connect the 4-wire cable to the Data Port on the Junction Box.
6. Connect power to the Junction Box, if not already installed in the vehicle.
7. Configure the Pursuit Lightbar in the software as desired.
8. Click File\_Program Lightbar then click Update Selected to upload to the Pursuit Lightbar from the software.
9. Remove the 4-wire cable from the Junction Box
10. Remove power from the Junction Box, if not already installed in the vehicle.
11. Repeat steps 5-11 for additional Pursuit Lightbars.
12. Save configuration.



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