



# TECHNICAL INSTRUCTIONS

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## Alarm Only Lightbar Installation

### Models: X4 and Vector


Purpose: The intent of this technical instruction is to provide guidelines for installing single LED alarm only light bar.

### Required Parts

Quantity	Part Number	Part Description
2	12077628	Terminal
2	12048087	Seal, Cable
1	Customer Supplied	Lightbar bracket with hardware
1	Customer Supplied	LED light with harness

### Required Tools

Part Number	Part Description
Metri-Pack 150	Crimper, Terminal

- |          |   |
|----------|---|
| <b>1</b> | Install customer supplied LED with harness into customer supplied lightbar bracket.   |
| <b>2</b> |  <p>Install bracket at customer specified location on trailer.</p> |

**3** Install seal on each wire.  
Crimp terminal to conductor/seal.

**4**

NAME	ADVANCE, APX AND SUMMIT					
	ADVANCE		SUMMIT		APX	
	WIRE	PIN	WIRE	PIN	WIRE	PIN
POWER1 (+/-)	RED	B	RED	B	RED	B
POWER2 (+/-)	BLACK	G	BLACK	G	BLACK	G
FAULT/INVERSE FAULT	WHITE	H	WHITE	H	WHITE	H

Remove LB cap and secondary lock from cap.  
Remove plug from cavity G and insert + terminal.  
Remove plug from cavity H and insert – terminal.  
Install secondary lock.

**5** Route harness straight across the front of the trailer to the unit frame, down the frame, and underneath the unit.  
Secure the harness with cushion clamps.

**6** Connect the lightbar harness to the LB connector on the TRU

**7** Configure the lightbar setting to 2 Light No Alarm.