

### WARNINGS AND CAUTIONS:

- **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE** and test that power is off before wiring!
- Read the instructions completely, **FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS MAY RESULT IN DEATH, INJURY, PROPERTY DAMAGE OR INOPERABLE DEVICE.**
- **ECS** strongly recommends installation and service to be performed by an electrician, or an individual with thorough knowledge and experience with electrical wiring.
- **DO NOT** attempt to perform an installation or procedure if you are unsure how to properly perform it.
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- Save these instructions for future reference.

### INTRODUCTION

Thank you for purchasing the J1772 40A charge connector. This installation sheet includes the latest information at the time of printing. Electrum reserves the right to make changes to this product without further notice. Changes or modifications to this product by other than an authorized service provider could void the product warranty. If you have questions about the use of this product, contact your customer service representative. Refer to the Customer Support section located in these instructions.

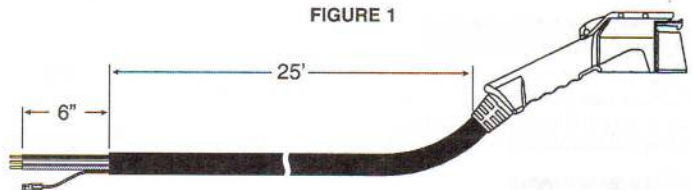
### FEATURES

A lock bolt may be inserted in the hole shown in **Figure 2** below.  
 Lock bolt diameter range:  
 Maximum = 1/4" (0.250") [6.4 mm]  
 Minimum = 7/32" (0.218") [5.5 mm]

### INSTALLATION

#### Additional Equipment/Parts Required (not included):

- J1772 electric vehicle charging station (EVSE)
- Liquid-Tight Strain relief for 0.85"-1.00" cable diameter range such as Heyco® part number M4348.



#### Tools:

- Appropriate tool to secure strain relief (channel lock pliers, torque wrench)
- Appropriate screw driver (Phillips, flat blade)
- Wire cutter and stripper

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1. Affix the strain relief to the EVSE enclosure.
2. Insert the charge connectors cable into the strain relief until the edge of the cables insulation reaches the inside lip of the strain relief.  
**NOTE:** In order to fulfill the UL requirements, the fully-tightened strain relief must be able to withstand a 100-lb. pull on the cable without allowing the cable to slip.
3. Wire the charge connectors cables to the EVSE using **Figure 2** below:
4. If the pilot signal end on the EVSE side does not accept a Powerpole® Connector, as manufactured by Anderson Power Products, then remove the Powerpole® Connector from the charge connector side. Then strip the wire to a length suitable to be connected to the EVSE. Assure that once the connection has been made to add an insulator such as a wire nut.

FIGURE 2



### CUSTOMER SUPPORT

Call our Customer Support Hotline at 1 866 898 EVSE (3873) **PLEASE HAVE THE MODEL NUMBER AND SERIAL NUMBER AVAILABLE WHEN YOU CALL.** These can be found on the charge connector's casing. If your call is made after business hours or on weekends, please leave your name, telephone number, the model number, the serial number, and a brief description of the problem. A customer service representative will call back at the earliest opportunity.  
 For additional products and information, please visit our website - [www.electrumcharging.com](http://www.electrumcharging.com)

#### FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact **Electrum Charging Solutions** for warranty information 1 866 898 EVSE (3873)

#### LIMITED 1 YEAR WARRANTY AND EXCLUSIONS

Electrum warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Electrum is free of defects in materials and workmanship under normal and proper use for one year from the purchase date. Electrum's only obligation is to correct such defects by repair or replacement, at its option. **For details visit [www.electrumcharging.com](http://www.electrumcharging.com) or call 1 866 898 3873** This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. **There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose,** but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to one year. **Electrum is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation.** The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.