OCULAR ARM
INSTALLATION MANUAL

> ⚠️ **NOTE: GENERAL USER ADVICE**
> Not following these instructions may result in physical injury, damage to the product or damage to the environment!

IMPORTANT SAFETY INSTRUCTIONS

Make sure that the materials used and the installation procedures follow local building codes and safety standards. The information provided in this manual in no way exempts the user of responsibility to follow all applicable codes or safety standards. This document provides instructions for Ocular Arm and should not be used for any other product. Before installation or use of this product, review this manual carefully and consult with a licensed contractor, licensed electrician, or trained installation expert to make sure of compliance with local building codes and safety standards.

Do not use hoses or power washers on the frame components as this may remove the powder coating.
Do not swing from or add any unexpected load to Ocular Arm. Only use in conjunction with a certified electric vehicle charge cable.
To prevent damage to Ocular Arm and avoid trapping fingers, **do not cut cable straps until after installation.**
To prevent serious injury or death, make sure all screws are tight and the device is secured to the wall.
To prevent serious injury or death, make sure that the electric power socket is grounded.
To reduce the risk of personal injury, do not bend the arms or brackets when installing or cleaning Ocular Arm.
Do not insert foreign objects into the Ocular Arm mechanisms.
There are no user-serviceable components in the Ocular Arm. Servicing and repairs are only to be carried out by Ocular personnel. Maximum load 10lbs.

WARNING

Finger Trap Hazard
Be aware of a finger trap hazard at all times. Be aware that the fingers of the operator or installer can get trapped as the arm closes and extends.

Strangulation Hazard
Children can strangle themselves on your EV charging cable
- Children can climb furniture to reach the Ocular Arm
- Shorten cables to prevent reach and keep all cables out of the reach of children
- Always wrap the cables around the Hook and keep them out of reach of children
- Keep all small parts, components and packaging away from children as they pose a potential choking hazard which may result in serious injury or death. Please reference all warning tags and labels in the instructions

Risk of Electric Shock
Basic precautions should always be followed when using electrical products in conjunction with Ocular Arm.
- This device should be supervised when used around children
- Do not use this product if your EV cable is frayed, has broken insulation, or any other signs of damage
- Do not use this product with an EV cable that is broken, cracked, open, or shows any other indication of damage
- The electrical socket you will connect your charging cable to must be grounded

BEFORE YOU START

To install the Ocular Arm be sure you can:
- Locate a stud or other suitable support in the wall. Know the location of electrical wires in walls.
- Drill pilot holes to install screws
- Lift 15 pounds above your head

Contact a licensed contractor if you cannot confidently meet these requirements.

TOOLS YOU WILL NEED

- Power Drill
- Scissors

- Pencil
- Stud Finder

- 7/16" & 9/16" Ratchet Wrenches
- *May need step stool*
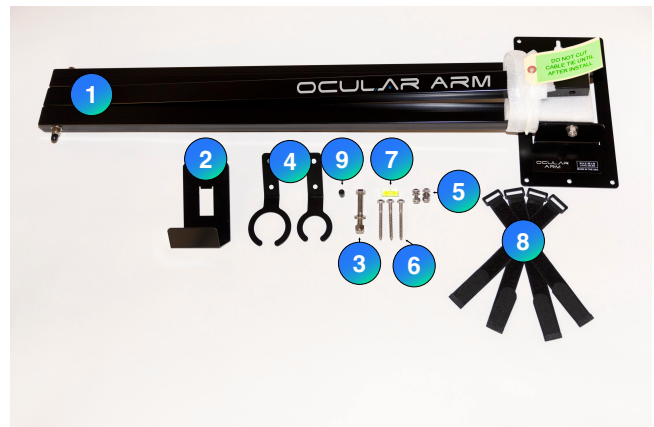
CHECK OCULAR ARM PARTS BEFORE COMMENCING

Carefully unpack the Ocular Arm box and confirm you have received all the parts and tools, and they have not been damaged during transit. Contact Ocular Customer Support if you find anything damaged from shipment, before installation.

OCULAR ARM PARTS

[1] Ocular Arm
[2] Hook
[3] 3⁄8"-16 x 2 1⁄2" Stainless Steel Hex Bolt
    2 - 3⁄8" ID x 3⁄4" OD Stainless Steel Washers
    3⁄8"-16 Stainless Steel Lock Nut
[4] J1772 Connector Holster or Tesla Connector Holster
[5] 2 - 1⁄4"-20 x 5⁄8" Stainless Steel Hex Bolts
    2 - 1⁄4" ID x 1⁄2" OD Stainless Steel Washers
    2 - 1⁄4"-20 Stainless Steel Lock Nuts
[6] 3 - 1⁄4" x 2 1⁄2" Stainless Steel 7/16" Hex Head Lag Screws
[8] 4 Velcro Straps (6 1⁄4' unit) or 6 w/ the extender
[9] Screw Cap

Tools Provided
[7] Level

INSTALLATION NOTES

- To ensure the success of the installation, be sure to read the instructions and study the pictures carefully.
- To reduce the risk of personal injury, you must attach Ocular Arm directly to the support structure of the building according to these instructions. Note that the support structure must be able to support a weight of 50 lbs.
- Make sure that your installation location will not allow the Ocular Arm to come into contact with any object, and that there is a minimum clearance of 6 inches from the top of the arm to the ceiling or nearest object. Ensure when folded away, the arms will not come into contact with your vehicle or any other object, hooks, or screws or any other hazard that might disrupt the operation of the arm opening and closing.
- Make sure that all connections and screws are secured tightly.
- Because of Ocular Arm's natural movement, some connections may loosen. It is recommended that you check the fasteners monthly and ensure they are secured. If they are loose, tighten.
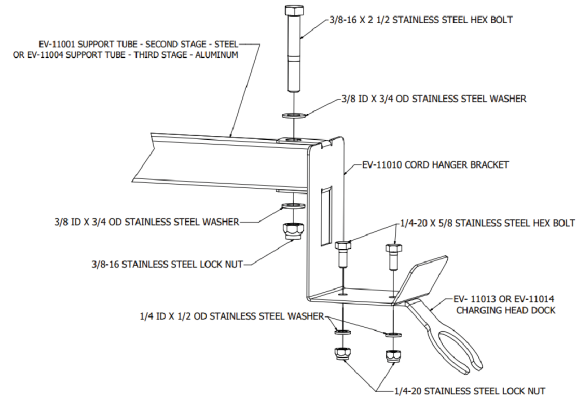
Note: The important safeguards and instructions given in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors, which cannot be built into any product.

STEP BY STEP INSTALLATION GUIDE

The arms will come bound together with a cable strap. IMPORTANT - Do not remove cable strap until Ocular Arm [1] is attached to the wall.

STEP 1 - ATTACH THE HOOK [2] AND HOLSTER

A. Thread the Stainless Steel Hex Bolt [3] through a Stainless Steel Washer and then through the Hook [2] (after attaching to the end of the Ocular Arm) and finish off with another Stainless Steel Washer and then attach the Lock Nut. Tighten with a wrench. Install screw cap on end.

B. Thread the Stainless Steel Hex Bolts [5] through the Hook [2] through the Holster and then through a Stainless Steel Washer and then attach the Lock Nut. Tighten with a wrench.

STEP 2 - MOUNT TO THE WALL

A. Ensure your charging cable will reach the proposed vehicle location when threaded along the Ocular Arm.
B. Select the desired location for your Ocular Arm - we recommend installing the wall bracket at least 6 or 7ft from the floor. Consider any obstructions that may present an issue when extending or swivelling the arm.
C. Find a stud using a stud finder and mark the edges of the stud with a pencil.
D. Drill a pilot hole and then fasten one of the Hex Head Lag Bolts [6] to the wall.
E. Hang the Ocular Arm from the keyhole on the mounting plate.
F. While holding the Ocular Arm up, level the mounting plate using the Level [7] and mark the other holes below the keyhole.
G. Drill pilot holes and install the other two Hex Head Lag Bolts [6] first with a 7/16" Ratchet Wrench.
H. Attach the Screw Cap [9] to the protruding screw under the arm.

STEP 3 - INSTALL THE VELCRO STRAPS [8]

Install the velcro straps by wrapping them around the cable and Ocular Arm, leaving room for movement. Next, adjust your cable to the appropriate length allowing enough length for the end of your charger cable to hang down below the hook to reach your vehicle and then tighten the velcro straps. Adjust the hook as needed by squeezing or pulling apart.

CONGRATULATIONS, YOUR OCULAR ARM IS FULLY FUNCTIONAL AND READY TO GO!

Ocular Arm does not require routine maintenance however, periodic inspections should be conducted to ensure that all parts remain in good working order and no damage exists. Do not attempt to open, disassemble, repair, tamper with, or modify any components of the products – the products are not user serviceable. Contact Ocular Charging for any repairs.

TERMS OF WARRANTY

The warranty applies only when the product is used in accordance to the specified conditions and for the intended purposes, following all manufacturer's recommendations. Please contact sales@ocularcharging.com.au with your proof of purchase.