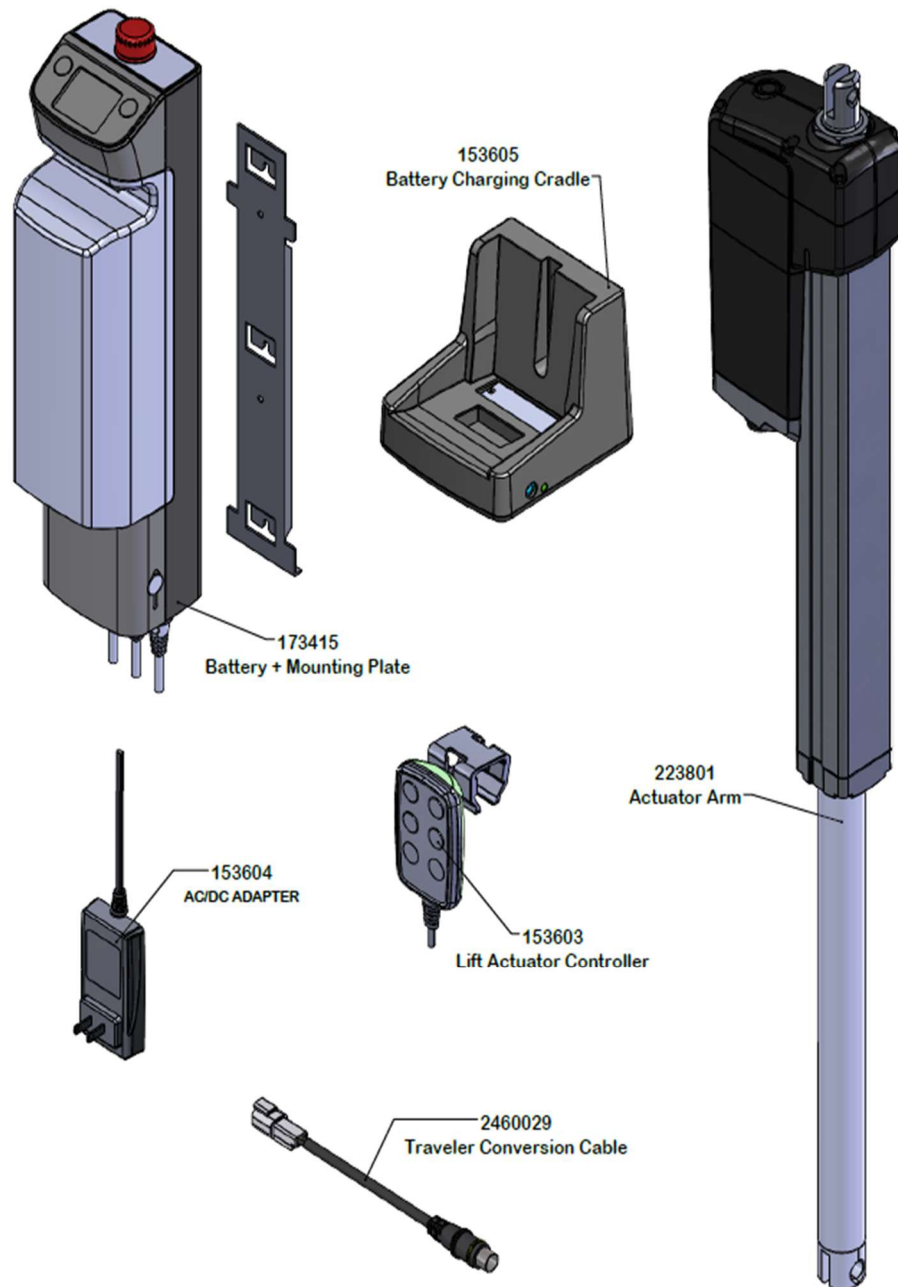


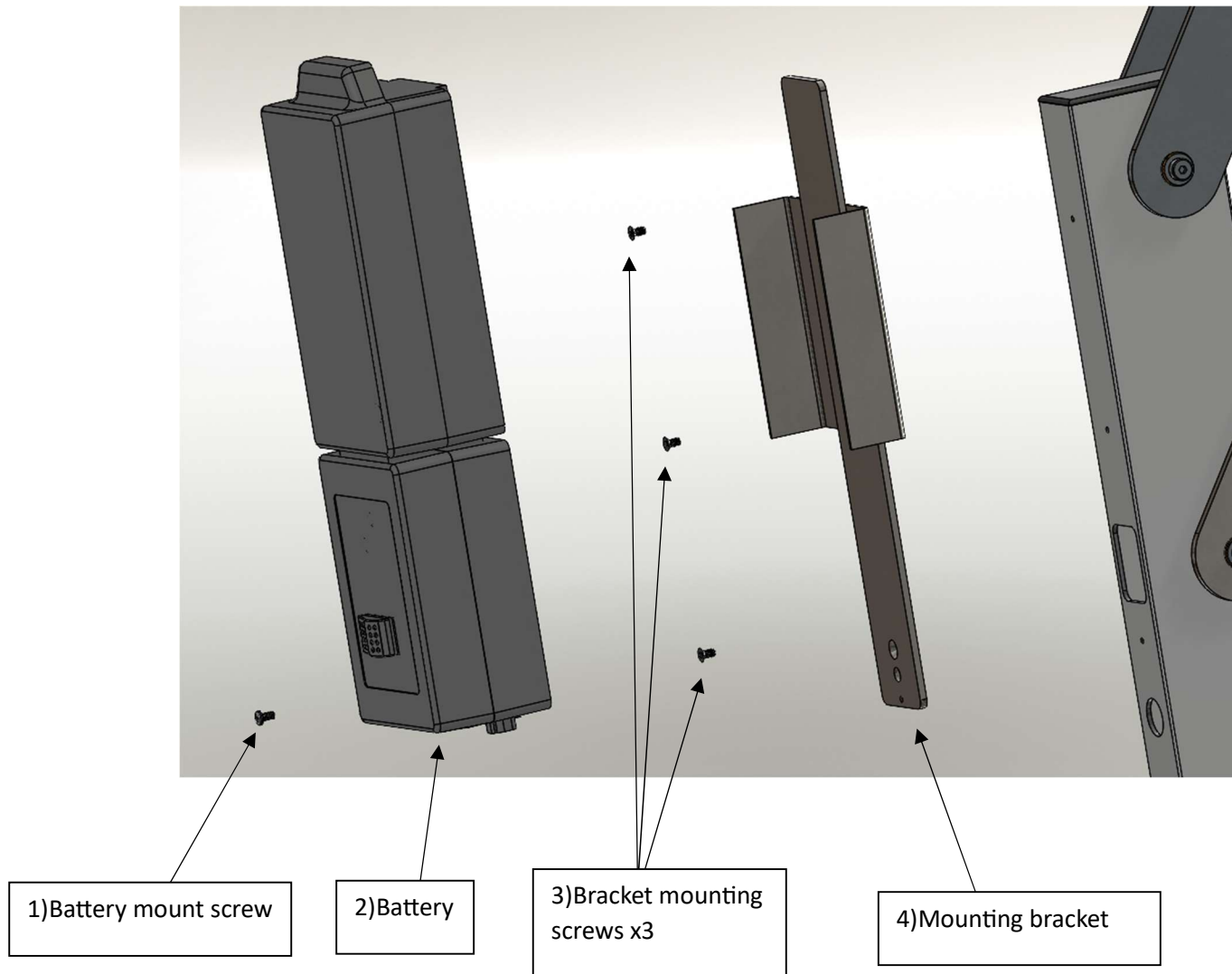
Traveler Battery + Actuator Arm Replacement

This document will outline and guide you through the replacement and installation of your new Traveler battery and actuator arm. With proper installation, these components will last for years to come. Listed below are the new parts that will be included in your replacement kit:

Traveler Conversion Kit



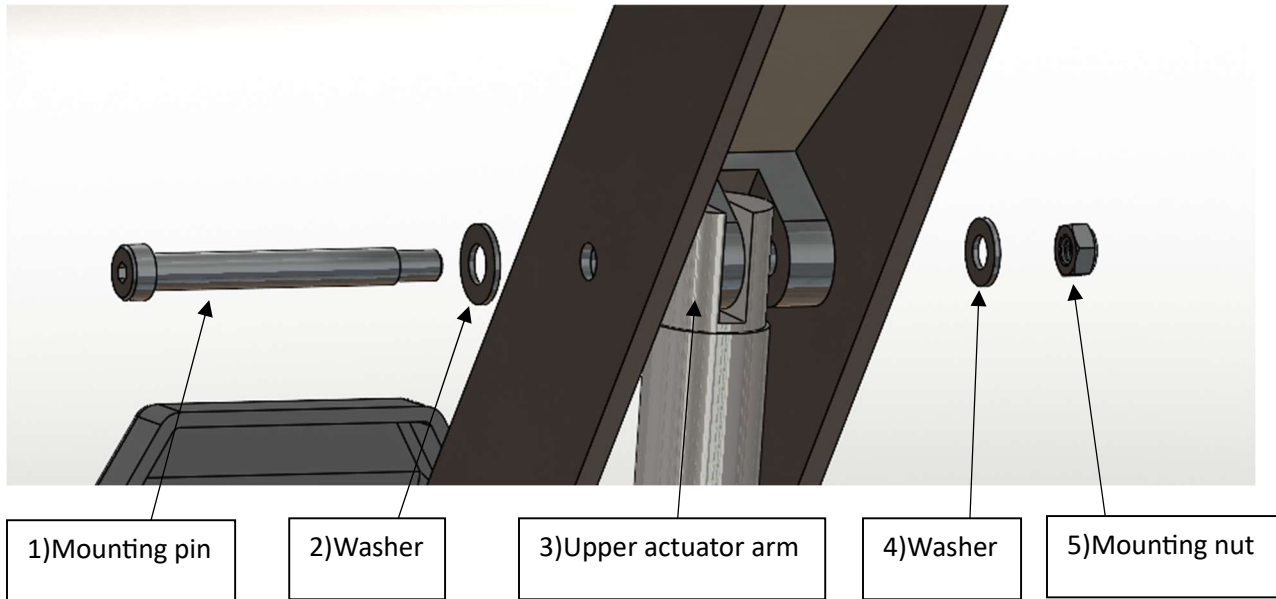
Exploded Battery Mount Disassembly



Battery Mount Disassembly:

- 1) Unplug the actuator from the battery and move any cables out of the way.
- 2) Unscrew the battery mount screw (Part 1).
- 3) Lift the battery (Part 2) from the mounting bracket (Part 4).
- 4) Unscrew the three bracket mounting screws (Part 3) from the mounting bracket (Part 4).
- 5) Save the three bracket mounting screws as they may be needed for later installation.

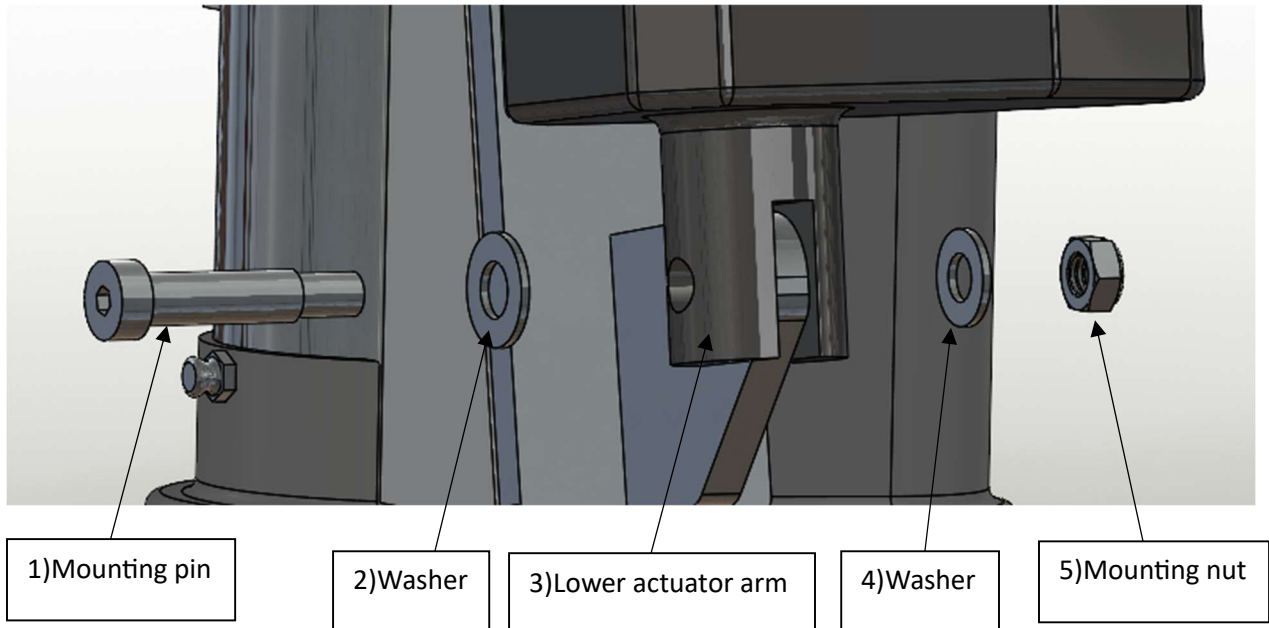
Exploded Upper Actuator Arm Mounting Point Disassembly



Upper Actuator Arm Mount Disassembly:

- 1) Prior to disassembling the actuator arm, it is advisable that you brace/support the lift chair from beneath so that the actuator may disengage and become loose enough for disassembly.
- 2) Unscrew the mounting pin (Part 1) and the mounting nut (Part 5) simultaneously.
- 3) Once the mounting nut (Part 5) has been removed, the mounting pin (Part 1) is free to be removed from the upper actuator arm (Part 3).
- 4) When releasing the mounting pin (Part 1), be aware of washers (Parts 2 & 4) coming loose. Additionally, support the upper actuator arm (Part 3) and ensure that it does not fall when coming loose.

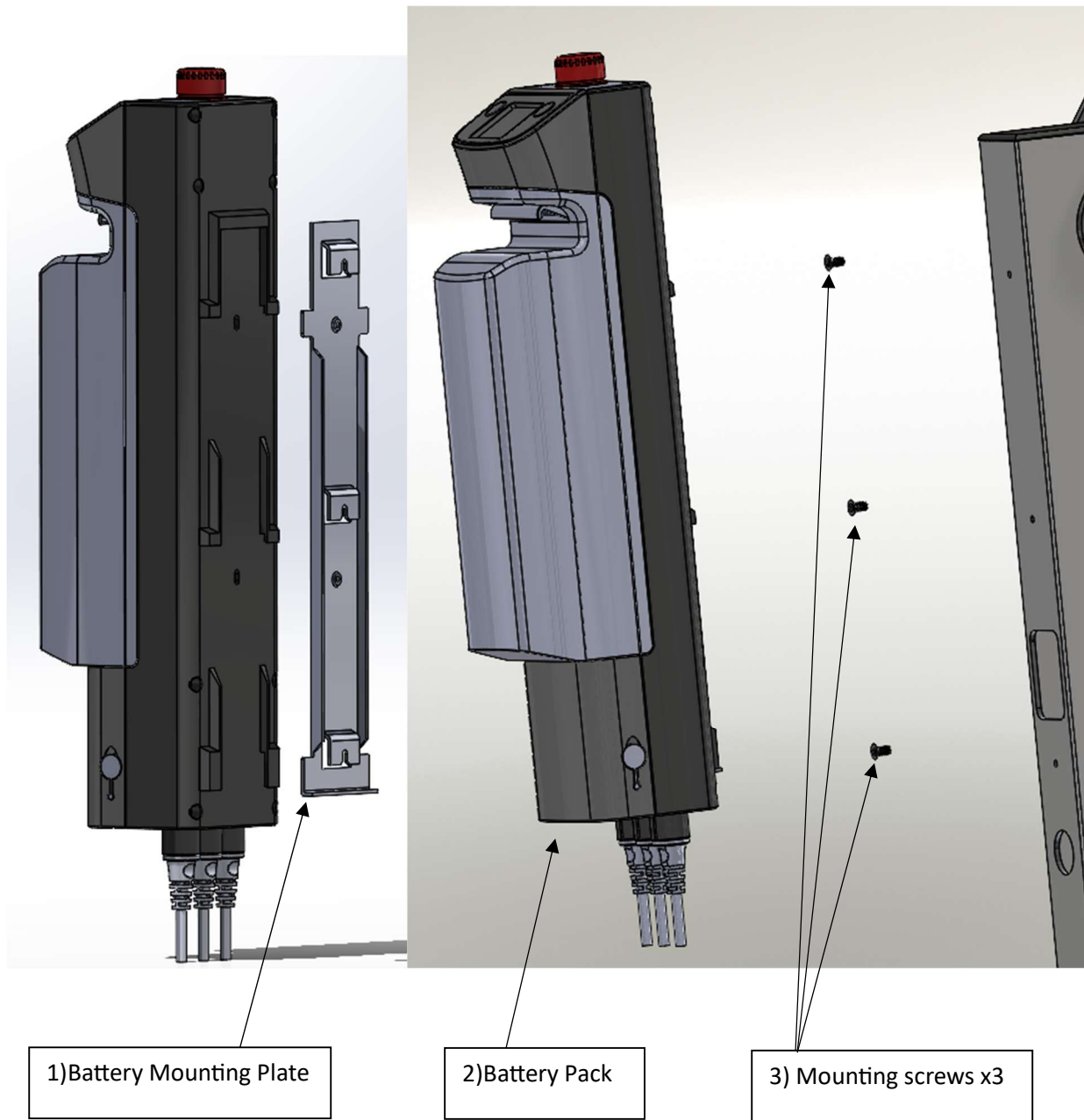
Exploded Lower Actuator Arm Mounting Point Disassembly



Lower Actuator Arm Mount Disassembly:

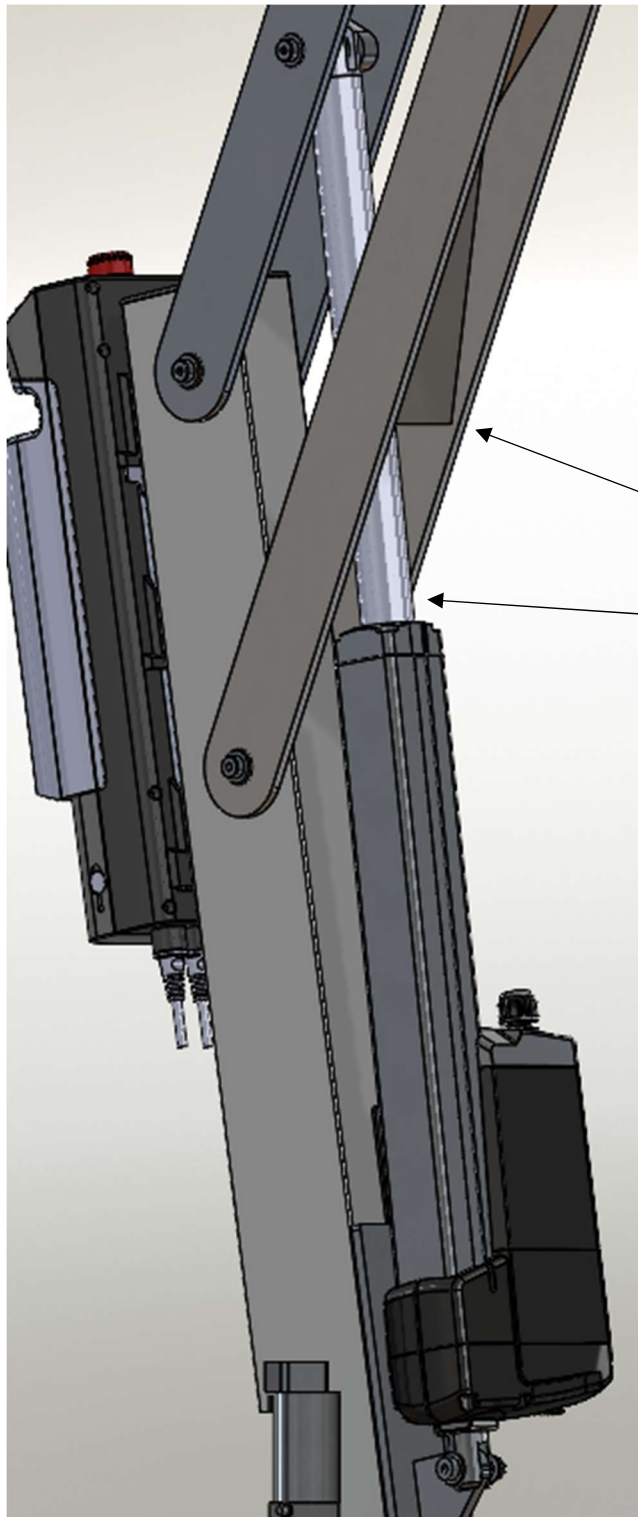
- 1) Unscrew the mounting pin (Part 1) and the mounting nut (Part 5) simultaneously.
- 2) Once the mounting nut (Part 5) has been removed, the mounting pin (Part 1) is free to be removed from the lower actuator arm (Part 3).
- 3) When releasing the mounting pin (Part 1), be aware of washers (Parts 2 & 4) coming loose. Additionally, support the lower actuator arm (Part 3) and ensure that it does not fall when coming loose.

Exploded Battery Mount Assembly



Battery Mount Assembly:

- 1) Insert the three mounting screws (Part 3) into their allotted holes and begin tightening.
- 2) Align the three slots along the back of the battery mounting plate with the three mounting screws and drop into place.
- 3) Finish tightening the three mounting screws.
- 4) Slide the battery pack (Part 2) onto the mounting plate (Part 1) from above.
- 5) Ensure all cords are out of the way of the actuator arm assembly.



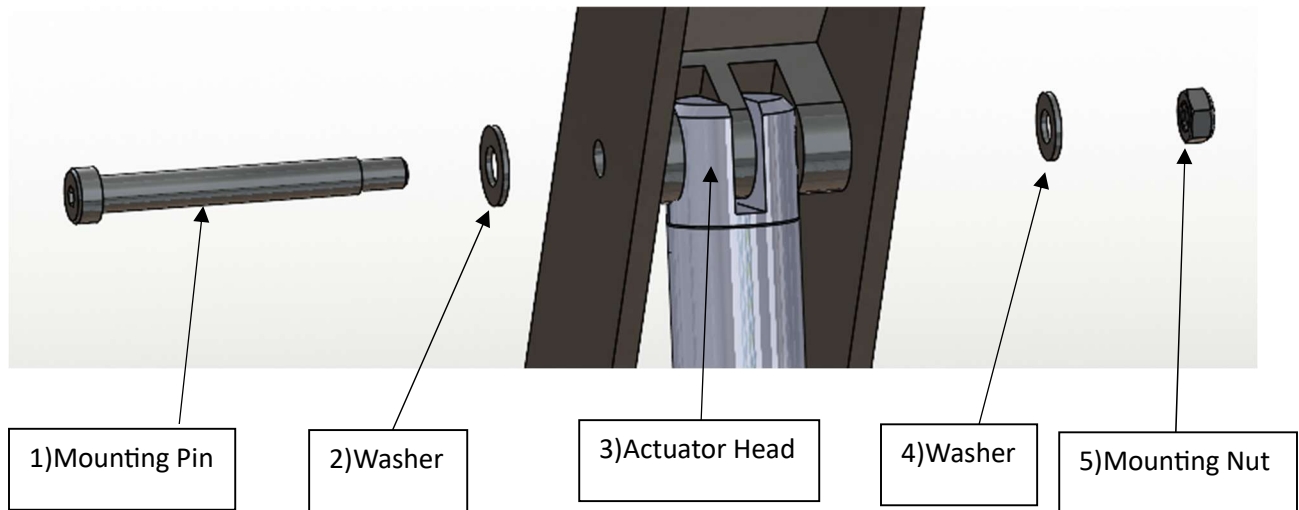
Supporting Arm

Actuator Arm

IMPORTANT NOTE:

When installing actuator arm, ensure that when the piston is extended, it goes behind the supporting arm.

Exploded Upper Actuator Arm Mounting Point Assembly

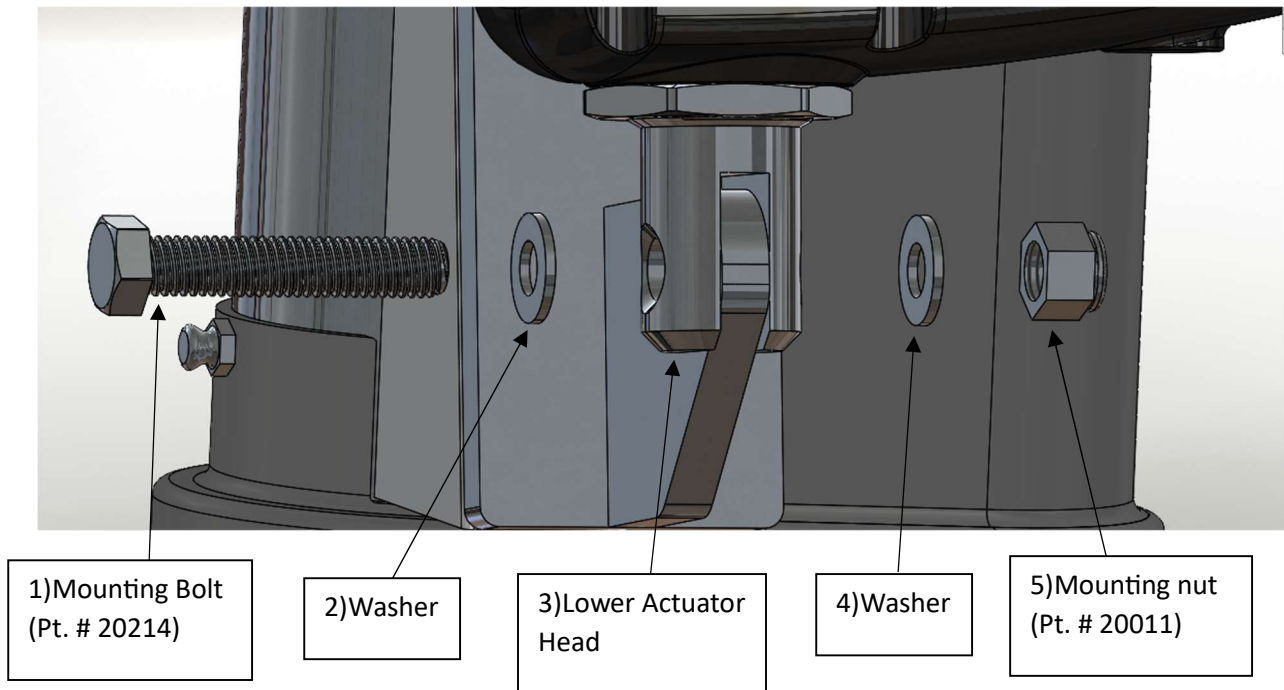


Upper Actuator Arm Mount Assembly:

- 1) Before mounting the upper actuator arm, temporarily connect the new actuator to the new battery and partially extend the actuator arm so that it may fit into the supporting arm (See page 8 for connector guide). Once the arm has been extended enough, you may disconnect the battery and proceed with assembly.
- 2) Slide the first washer (Part 2) over the mounting pin (Part 1)
- 3) Align the actuator head (Part 3) with the holes in the supporting arm and feed the mounting pin through to the other side.
- 4) Slide the second washer (Part 4) Over the protruding end of the mounting pin.
- 5) Attach the mounting nut (Part 5) to the mounting pin and tighten.

WARNING: Do not over tighten the mounting nut or the actuator will struggle to rotate, putting unnecessary stress on the system.

Exploded Lower Actuator Arm Mounting Point Assembly



Lower Actuator Arm Mount Assembly:

- 1) Slide the first washer (Part 2) over the mounting bolt (Part 1)
- 2) Align the lower actuator head (Part 3) with the holes in the actuator mount and feed the mounting bolt through to the other side.
- 3) Slide the second washer (Part 4) Over the protruding end of the mounting bolt.
- 4) Attach the mounting nut (Part 5) to the mounting bolt and tighten.
- 5) Plug the battery pack into the actuator arm.

WARNING: Do not over tighten the mounting nut or the actuator will struggle to rotate, putting unnecessary stress on the system.

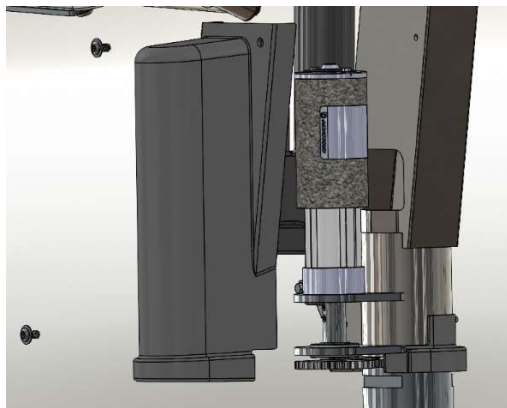
6 Pin Connectors on New Battery



Wiring the Traveler Conversion Kit:

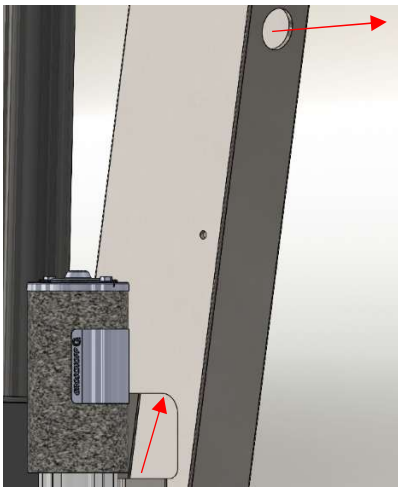
- 1) Each of the six-pin connectors along the underside of the new battery corresponds with different lift functions.
 - a. M2: Rotational gear connector. Controls rotation of the lift.
 - b. M1: Actuator arm connector. Controls vertical motion in the lift.
 - c. HANDSET: Remote connector. Allows for remote control of the lift.
- 2) To wire your traveler conversion kit, you must first remove the plastic side cover from the traveler by the two ¼" button head screws on the outside of the traveler.

Exploded Rotational Gear Cover



- 3) Disconnect all cables from the existing battery pack and disconnect the cable attached to the actuator.
- 4) Since the rotational gear is not being replaced in this conversion kit, it is required that the two-pin connector used on the previous battery is adapted to the six-pin connector used on the new battery.
 - a. Take your two-to-six pin adapter cable (2460029), included in your conversion kit, and simply plug the two-pin end into the corresponding two-pin end on the existing rotational motor cable.
- 5) Feed both the motor and actuator cables through the body of the traveler as shown below. Plug the six-pin connector cable ends into their corresponding M1/M2 slots.

Cable Management Slot Along Traveler Body

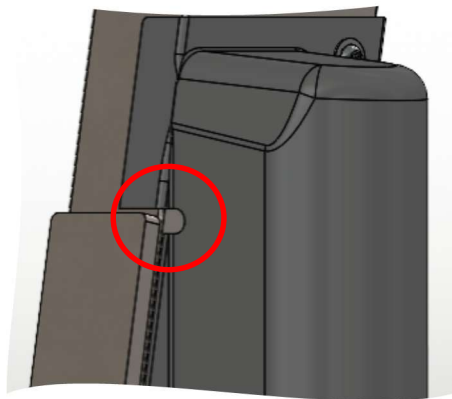


Cables after



- 6) Reattach the cover plate, ensuring that the actuator cable is fed through the small opening on the side of the cover shown below.

Actuator Cable Slot on Side of Gear Cover



Manufacturer Note: The original mounting bolt used in “Lower Actuator Arm Mounting Point Assembly” was swapped to pt. 20214 to accommodate for a different size lower actuator head.