



SCHWINTERK TV LIFT (AU)

OEM INSTALLATION MANUAL

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Safety Information

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions.

This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage.

WARNING

This "Warning" symbol above is a sign that an installation procedure has a safety risk involved and may cause death, serious personal injury and/or severe product or property damage if not preformed safely and within the parameters set forth in this manual.

WARNING

The unit **MUST** be supported per manufacturer's recommendations before working underneath. Failure to do so may result in death or serious injury.

WARNING

Always wear eye protection when performing service or maintenance to the unit. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

WARNING

Maximum weight rating for the Schwintek TV lift is 34 kg (75 lbs).

CAUTION

The "CAUTION" symbol above is a sign that an installation procedure has a safety risk involved and may cause personal injury and/or product or property damage if not performed safely and within the parameters set forth in this manual.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

NOTE: Lippert Components, Inc. (LCI) recommends that the following inspections, troubleshooting, component replacement, and verifications be completed only by certified RV technicians.

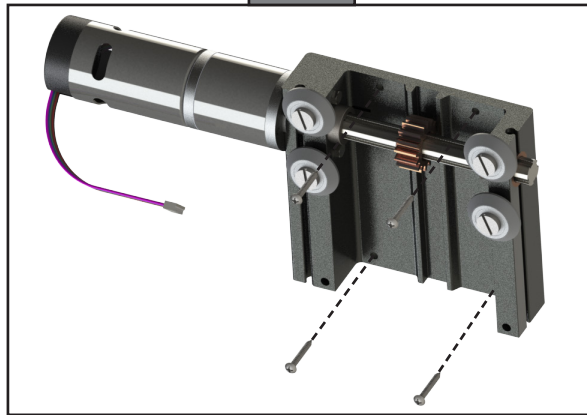
Resources Required

- Cordless or Electric Drill or Screw Gun
- Appropriate Drill Bits
- Appropriate Drive Bits

Schwintek TV Lift Installation

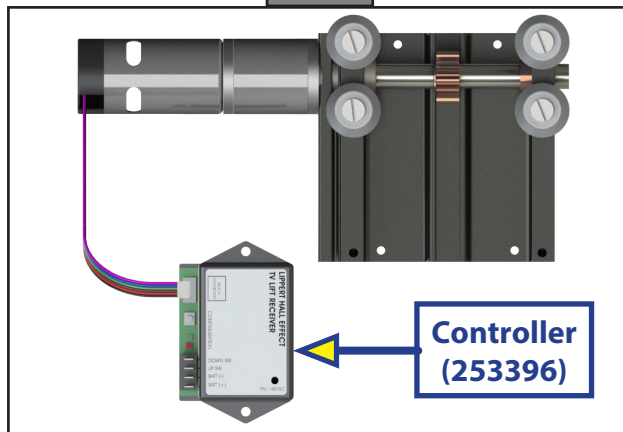
1. Mount bearing block with motor to solid backer centered within cabinet using #10 screws (Fig. 1). Ensure the unit is level during installation.

Fig. 1



2. Mount TV lift controller close to end of motor using #10 screws. Plug motor control wires into controller (Fig. 2). Attach the power, ground, and switch wires with 1/4" spade type connectors.

Fig. 2

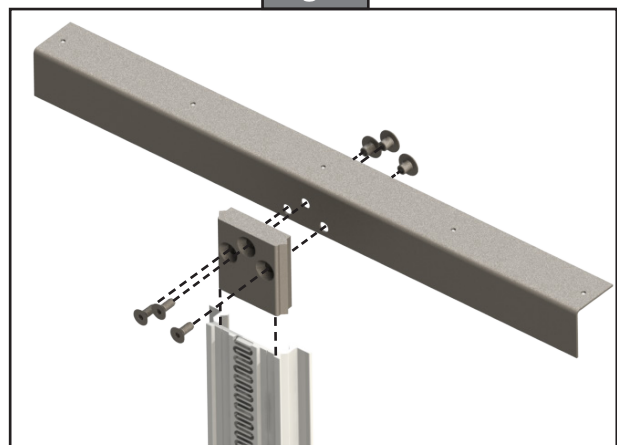


3. Mount included TV Plate to the back of the TV and the rack. Insert rack into bearing block by aligning the V-grooves in the rack to the V-rollers in the bearing block. Insert rack until the gear in the bearing block comes into contact with the serpentine groove of the rack (Fig. 3). Press the retract button until the rack is fully inserted in to the bearing block. Mount the cabinet top angle transition plate onto the rack (Fig. 4).

Fig. 3

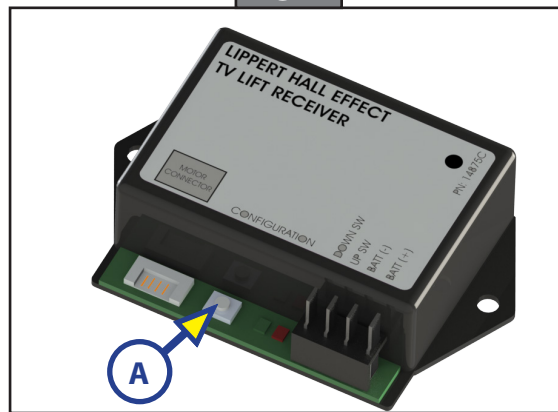


Fig. 4



4. To set the lower electronic stop, lower TV into desired position and press white button on the controller once (Fig. 5A). Raise TV into desired position and press white button once to set the electronic stop for raised position. Test the controller's programming by lowering and raising the TV (see Operation for detail).

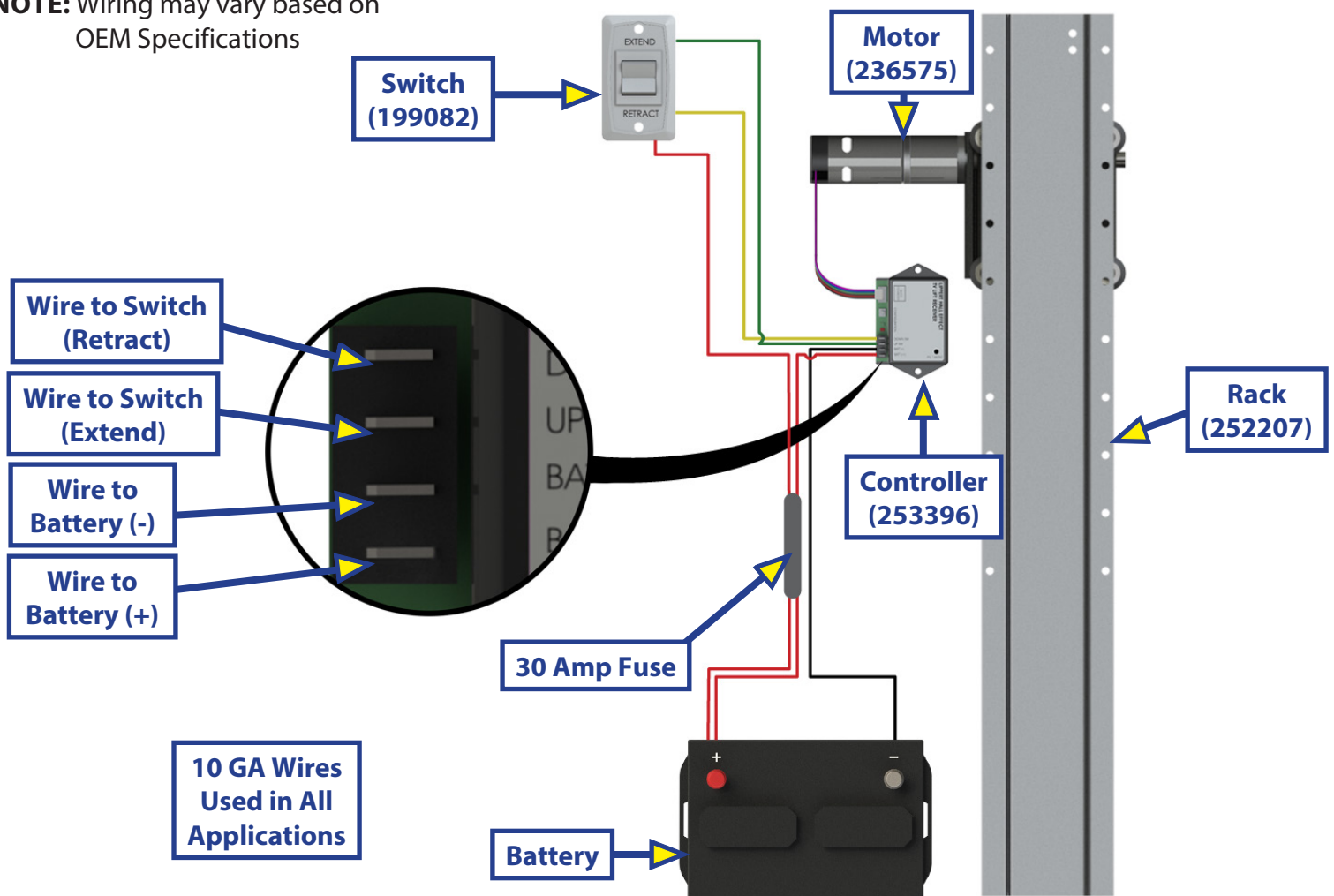
Fig. 5



NOTE: To pull the TV and rack back out of the lift unit, press and hold the MODE button for 5 seconds. The RED light will illuminate and the GREEN light will flash. At the switch, push the switch UP and the lift will extend the rack so it can be removed from the system. To re-install, see steps on previous page.

Wiring Diagram

NOTE: Wiring may vary based on OEM Specifications



NOTE: Wire harness to battery and switch is customer supplied. Harness wires must be 10 gauge minimum. A 30 amp breaker should also be installed on the power lead between the battery and the controller.

Programming the Extend and Retract Stops

1. To enter programming mode, hold the Configuration button (Fig. 6A) for five seconds.

NOTE: The green LED will flash, and the red LED will light up solid.

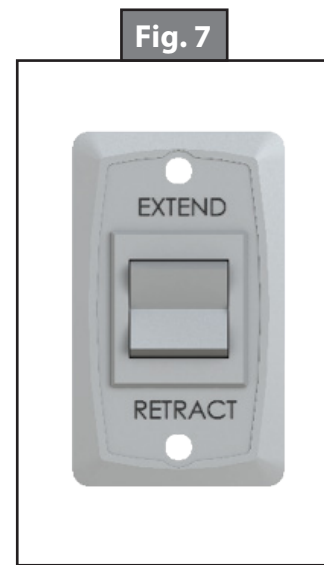
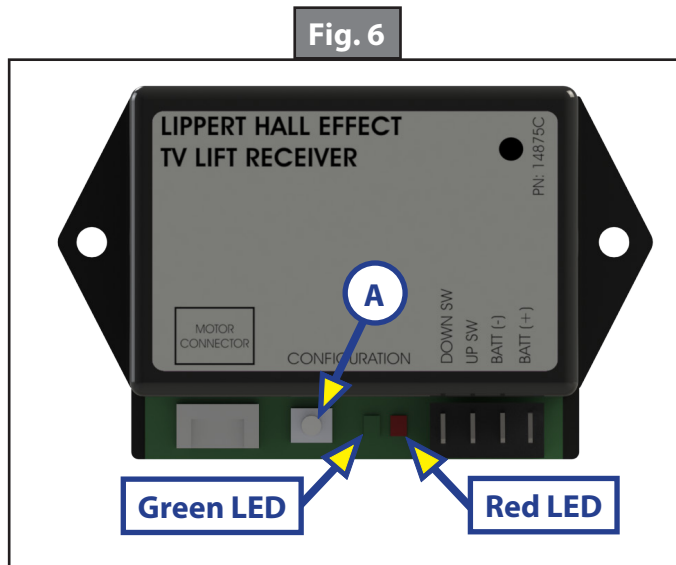
2. Set the extend limit by holding the EXTEND button on the wall switch and stopping at the desired height.
3. Press the Configuration button (Fig. 6A) to set the extend limit.

NOTE: The red LED will flash, and the green LED will light up solid or turn off.

4. Set the retract limit by holding the RETRACT button (Fig. 7) on the wall switch and stopping when the TV is fully lowered into the cabinet.
5. Press the Configuration button (Fig. 6A) to set the retract limit.

NOTE: Both LEDs will blink for 3 seconds and then the controller will exit programming mode. The stops are now set.

NOTE: If the LEDs continue to flash, reprogram the stops by going through steps 2-5.



Operation

NOTE: Maximum weight rating for the Schwintek TV lift is 34 kg (75 lbs).

1. To raise the TV, press and hold the Extend button until the TV lift is fully raised into position.
2. Press and hold the Retract button until the TV is fully lowered.



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