



SCHWINTERK TV LIFT OEM INSTALLATION MANUAL

L I P P E R T
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Introduction

The Schwintek TV Lift is designed with a maximum operating weight rating of 75 lbs. Do **NOT** exceed the maximum operating weight rating.

Safety Information

Read all instructions and safety labels before starting product installation.

WARNING

Failure to follow the instructions provided in this manual may result in death, serious personal injury, severe unit damage or voiding of the component warranty.

WARNING

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

CAUTION

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

CAUTION

Do NOT exceed the 100-lb operating weight rating or damage to the product may occur.

Resources Required

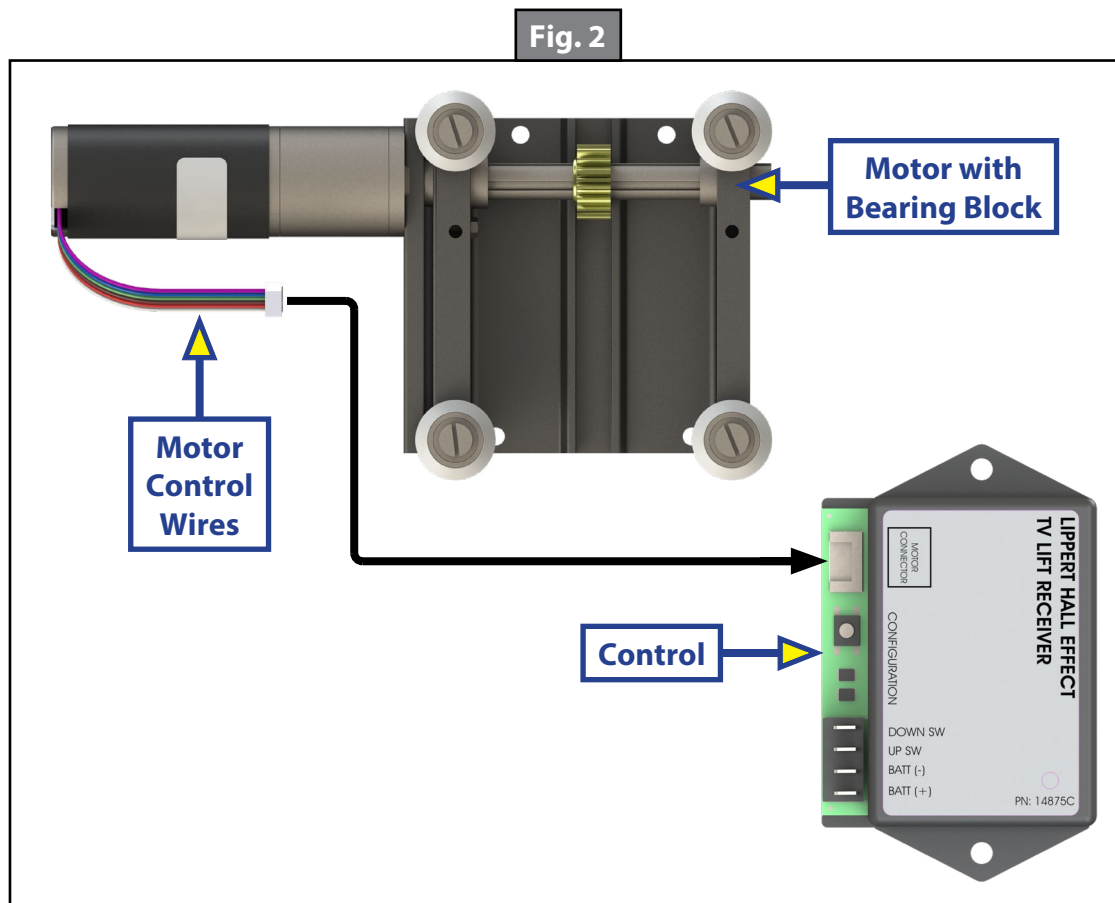
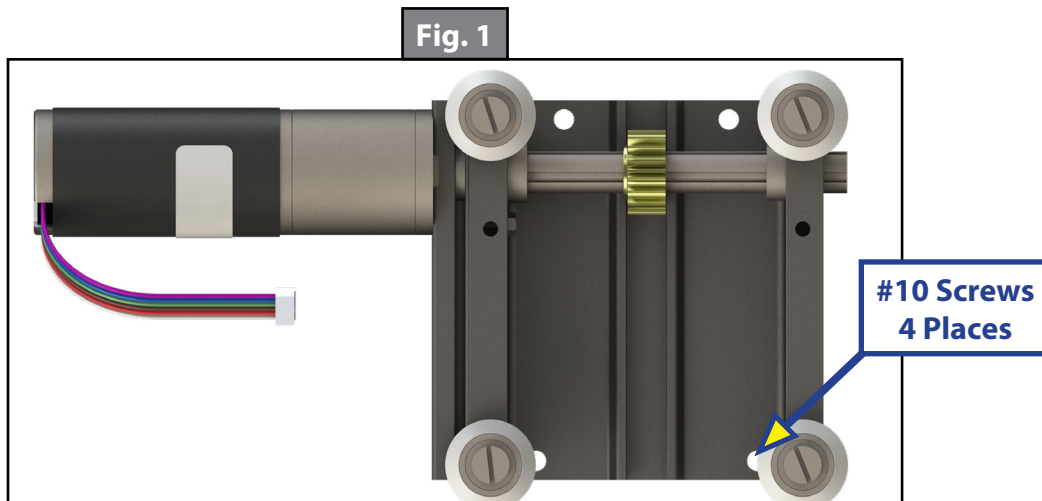
- Cordless or electric drill or screw gun
- Appropriate drill bits
- Appropriate drive bits
- #10 Phillips pan head screws
- Phillips screwdriver
- 1/4" Spade-type electrical connectors

Installation

1. Make sure the unit is level.
2. Mount bearing block with motor (Fig. 1) to solid backer, centered within cabinet, using #10 screws.
3. Mount TV lift controller close to end of motor using #10 screws.
 - A. Plug motor control wires into controller (Fig. 2).
 - B. Attach the power, ground and switch wires with 1/4" spade type connectors (Fig. 7).

NOTE: The wire harness-to-battery and switch are customer-supplied items. Harness wires must be 10 AWG minimum. Also, 30 amp circuit protection should be installed on the power lead wire between the battery and the controller. See figure 7.

4. Mount included TV plate to the back of the TV and the rack.
 - A. Insert rack into bearing block by aligning the V-grooves in the rack to the V-rollers in the bearing block.



- B. Insert rack until the gear in the bearing block comes into contact with the serpentine groove of the rack (Fig. 3).
 - C. Press the switch's RETRACT button (Fig. 4) until the rack is fully inserted into the bearing block.
5. Mount the cabinet top angle transition plate onto the rack (Fig. 5).

Fig. 3

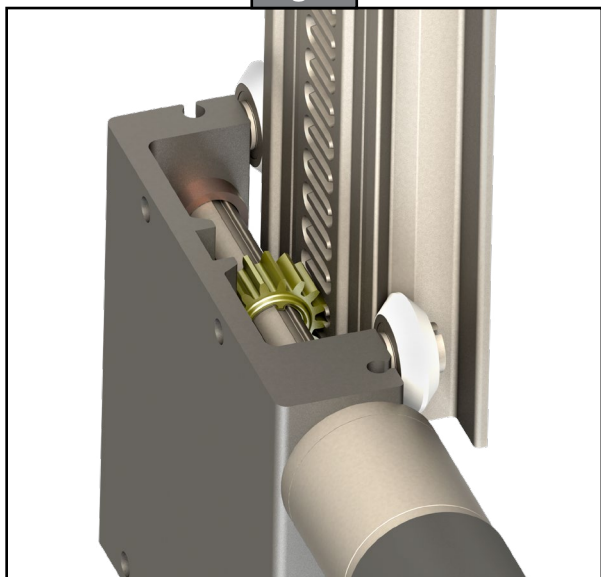


Fig. 4

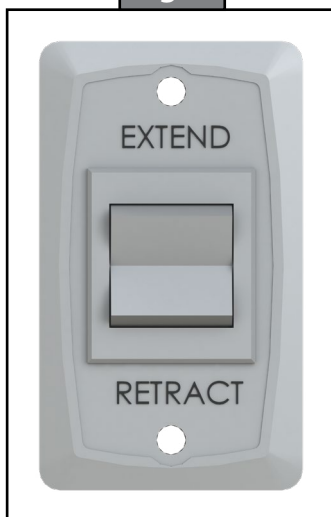
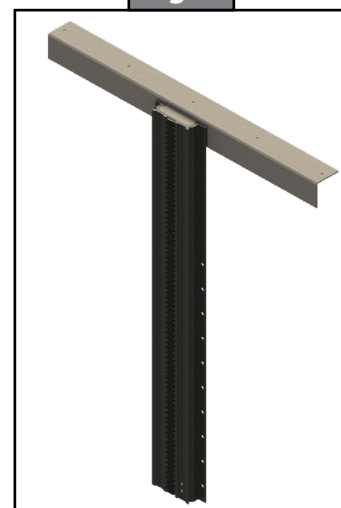


Fig. 5

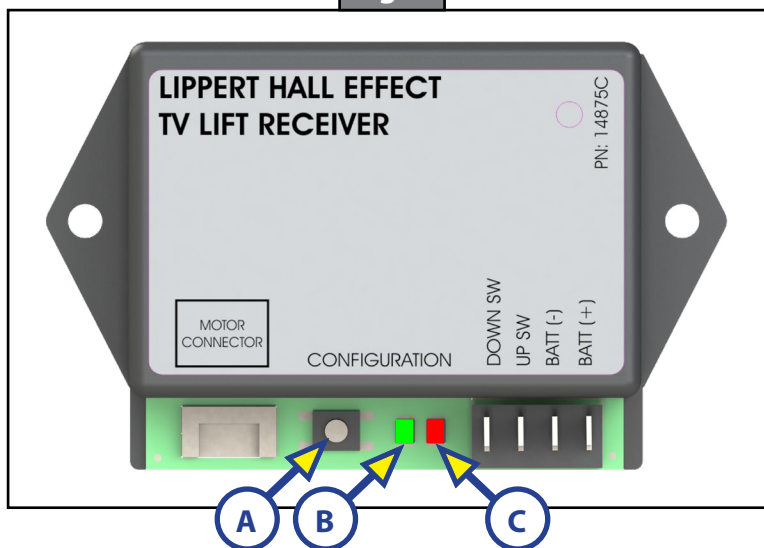


Initial Programming

NOTE: The control's green LED (Fig. 6B) will flash and its red LED (Fig. 6C) will light up solid.

If the lights do not do as stated in **NOTE** above then enter programming mode. Press and hold the white CONFIGURATION button (Fig. 6A), located on the control, for five seconds.

Fig. 6



Setting the Electronic Stop Limits

1. To set the lower electronic stop, press and hold the switch's RETRACT button (Fig. 4) to lower the TV into the desired position, then press the control's white CONFIGURATION button once (Fig. 6A).
2. To set the raised electronic stop, press and hold the switch's EXTEND button to raise the TV into the desired position, then press the control's white CONFIGURATION button once.
3. Test the receiver's programming by lowering and raising (retracting and extending) the TV.

Operation

1. To raise the TV, press and release the switch's EXTEND button (Fig. 4). The TV will raise into position and stop at the preset stop limit.
2. To lower the TV, press and hold the switch's RETRACT button until the TV is fully lowered into the cabinet.

NOTE: For safety purposes, the switch will need to be held until lowered to the preset stop limit.

TV and Rack Removal from Lift, if Desired

To remove the TV and rack out of the lift unit, do as follows:

1. Press and hold the control's white CONFIGURATION button (Fig. 6A) for five seconds.

NOTE: The control's red LED (Fig. 6C) will light up solid and the green LED (Fig. 6B) will flash.

2. Press and hold the switch's EXTEND button until the rack and TV are fully raised so they can be removed from the system.

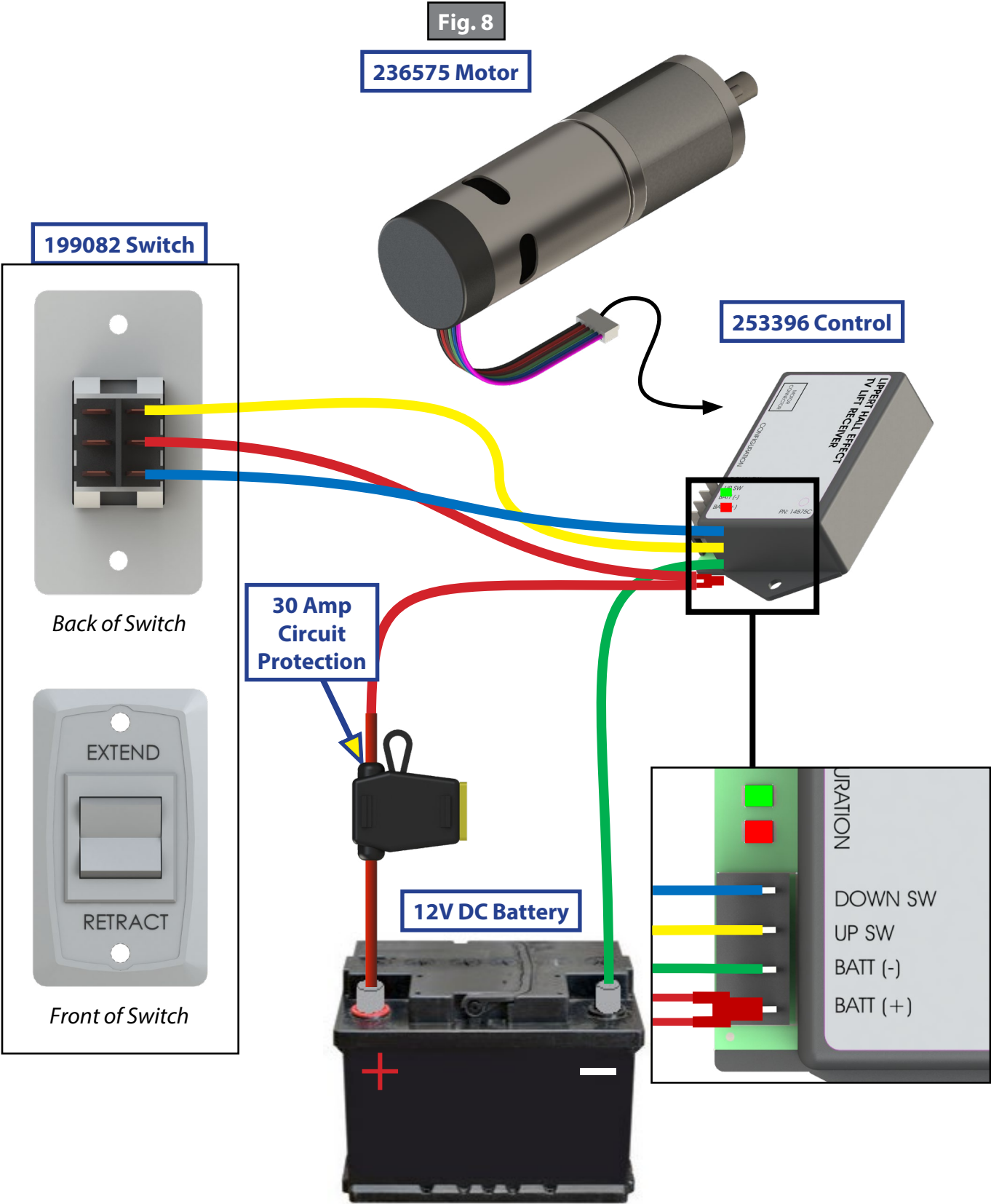
Sync Remote, if Included

1. Locate white CONFIGURATION button (Fig. 6A).
2. Press the button two times and hold on the third time.
3. The green LED (Fig. 6B) and the red LED (Fig. 6C) will alternately flash.
4. Hit any button on the remote (Fig. 7).
5. The green LED (Fig. 6B) and the red LED (Fig. 6C) will flash at the same time, then stop.
6. The remote is now synced.

Fig. 7



Wiring Diagram



Switch	Control	Circuit Protection	12V DC Battery
Top Pin (EXTEND)	UP SW		
Middle Pin (Power)	BATT (+)	30 Amp	Positive (Red) Post
Bottom Pin (RETRACT)	DOWN SW		
	BATT (-)		Negative (Black) Post

Notes

[illegible]



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