



# ELECTRIC DECK LIFT

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## I N S T R U C T I O N S

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# ELECTRIC DECK LIFT - KIT PARTS



**Figure 1**

Full Deck Actuator Kit

Wheel spacers may be needed if the tire assembly rubs the actuator



**Figure 2**

Full Deck Actuator Kit (Cont'd)



**Figure 3**

Deck Lift Hardware Kit



**Figure 4**

Deck Lift Actuator



**Figure 5**

Deck Lift Jumper Harness



**Figure 6**

Actuator Deck Hanger

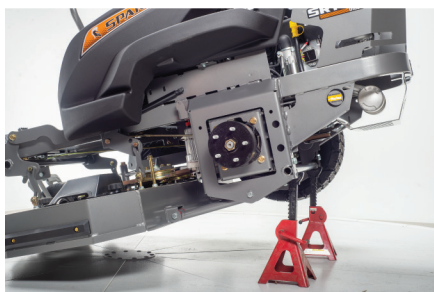


**Figure 7**

Actuator 'S' Bracket

## STEP 1

Lower deck to lowest setting and remove left rear tire using a 17mm socket.



## STEP 2

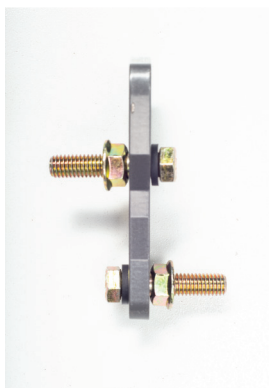
Remove the factory installed left rear deck hanger completely using a 11/16" socket and 5/8" wrench. Set removed 7/16" nuts to the side as they will be used later during install.



## STEP 3

**Parts needed - 7/16" bolt (x2), actuator deck hanger (picture 6), black plastic washer (x2), 7/16" serrated flange nut (x2)**

Install 7/16" bolts and plastic washers through the actuator deck hanger as shown. Install serrated flange nut away from the deck hanger all the way down the threads. Note: When installing bolt through the lower slotted hole of actuator deck hanger, use the front slot for 54/61" models. Use rear slot for 72" models.

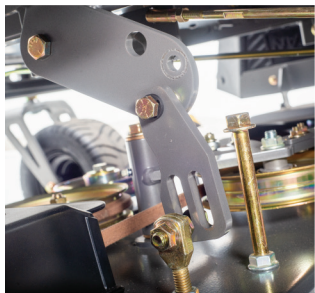


54" & 61" Decks

72" Decks

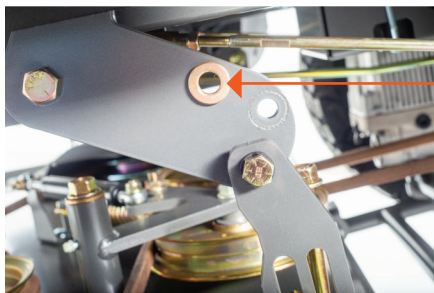
## STEP 4

Install actuator deck hanger assembly as shown into the lower hole of the left side deck height bracket. Install previously removed 7/16" nut and tighten securely. Repeat process for the lower bolt in actuator deck hanger. Run the bolt through the deck height adjustment stud as shown. **Note: 7/16" nuts referred to as previously removed came off when uninstalling original deck hanger assembly.**



## STEP 5

Install 3/4" OD flange bushing into opening on left side deck height bracket as shown.



Flange Bushing

## STEP 6

Using a 5/8" and 3/4" wrench, install hex collar stud through welded tab on frame. Install 1/2" nut on back of welded tab and tighten securely.





## STEP 7

**Parts needed - Deck lift actuator, actuator "S" bracket, hex collar stud, copper washer (x2), ½" nut, 3/8" nut**

Install hex collar stud through actuator "S" bracket and tighten ½" nut securely. Install copper washers, and actuator onto hex collar stud as shown. Tighten 3/8" nut securely and loosen ¼ turn.



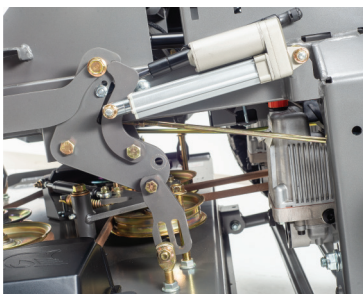
## STEP 8

Repeat process with hex collar stud installed during step 6. Install copper washers and rear of actuator as shown. Tighten 3/8" nut securely and loosen ¼ turn.



## STEP 9

Install remaining 1/2" bolt through actuator "S" bracket and through the previously installed 3/4" OD flange bushing installed during step 5. Tighten using remaining ½" nut and two ¾" wrenches. Tighten securely and loosen ¼ turn.



## STEP 10

Reinstall rear tire assembly and retorque lug nuts to 90 ft-lbs.

## STEP 11

Plug appropriate end of actuator jumper harness into deck actuator plug. Route harness to plug under crossmember that the seat latches to. Keep harness & connectors away from moving parts, pinch points, and sharp edges using zip ties (not included). Test operation using up and down arrows on keypad control.

**NOTE -** Never transport mower using only the electric deck lift. Always follow the actuator in transport using the factory installed deck knob mechanism to carry the weight of the deck.

