



360 SPRINT™

UPDATE KIT INSTALLATION INSTRUCTIONS



360YIELDCENTER.COM

**FOR QUESTIONS PLEASE CONTACT OUR
PRODUCT SUPPORT TEAM AT 309-300-3120**

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INSTALLATION INSTRUCTIONS

UPDATE KIT

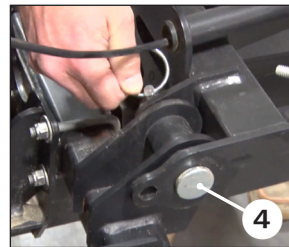
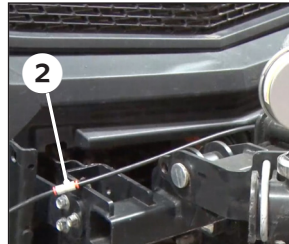
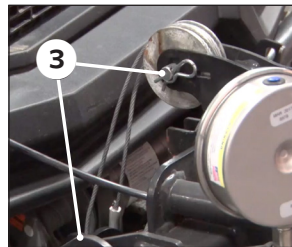


BEFORE YOU BEGIN...



Prior to installation, flush the liquid system with fresh water and drain the tank, depressurize the air tank, and disconnect the battery harness from the main SPRINT harness.

STEP 1 REPLACE WINCH



Using a 5/16" socket, loosen the clamp securing the liquid supply line **1**. Take the clamp off and pull the hose back out of the way.

Disconnect the air supply line connection **2** by pushing in on the push-to-connect and pulling back on the airline.

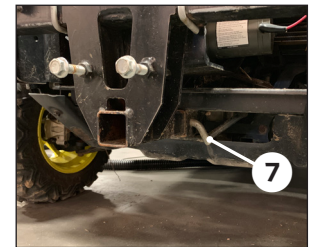
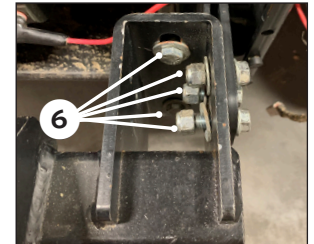
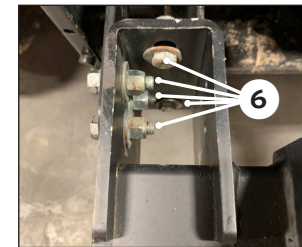
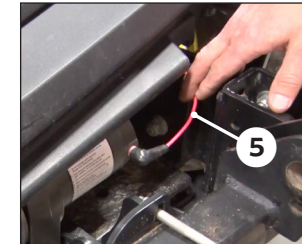
Disconnect the connection with the winch by removing the two clips (one at the top and one at the bottom of the winch cable) **3** and then push the pins out to release the winch cable.

Remove the (2) clips and pins **4** that secure the boom to the winch mount. Set these aside as they will be reused.

NOTE: Extra set of hands helpful for the next step.

Remove the boom from the winch mount.

STEP 1 CONTINUED REPLACE WINCH



Disconnect the electrical connection to the winch under the hood of the gator. Once disconnected pull the electrical connection out of the front of the gator **5** and let it rest to the side.

With a 9/16" wrench and socket remove the (10) bolts **6** securing the winch mount to the gator. Retain hardware as it will be reused.

Remove the pin from the front receiver hitch **7**.

Slide the entire winch bracket out of the front receiver hitch and set it aside.

NOTE: It may be helpful to move the boom to a work bench or table before continuing on to the next step.

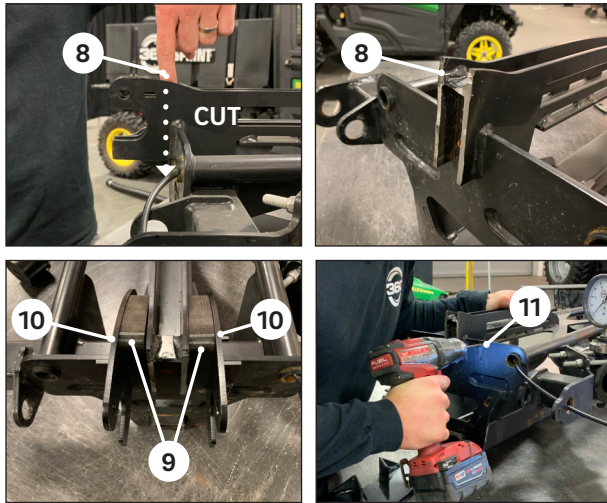
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STEP 1 CONTINUED

REPLACE WINCH



Modify the boom by using an angle grinder with a cut-off wheel to remove the existing winch cable bracket by cutting it at the cross brace **8**.

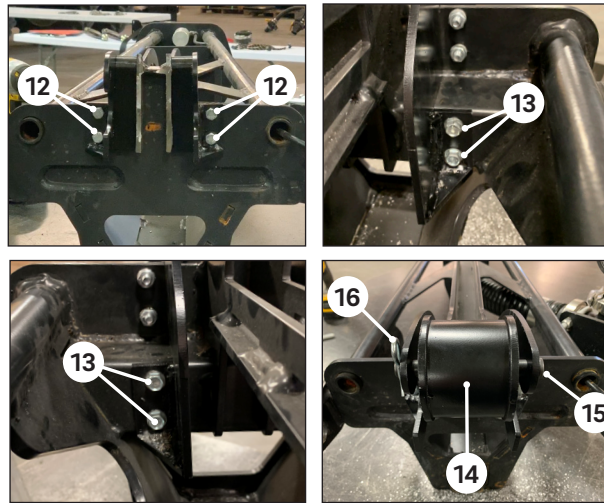
NOTE: Safety glasses should be worn when using the angle grinder.

When the parts have cooled down, install the spacers **9**, followed by the brackets **10** that will hold the roller. With all four pieces being held tightly together, make a mark where the holes will need to be drilled in the boom.

With the holes marked, remove the brackets. Use a small bit to first drill a pilot hole at each of the four locations just marked **11**. Then, use a 9/32" bit to drill the holes with enough clearance for the bolts.

STEP 1 CONTINUED

REPLACE WINCH



With the holes drilled, reassemble the spacers and brackets and loosely install the bolts **12** to secure the brackets to the boom.

With the spacers still in place, install the four self-tapping screws **13** at the back of the brackets using a 3/8" driver.

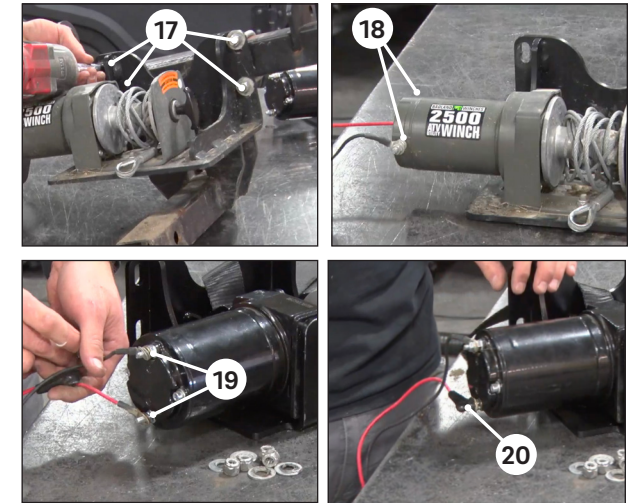
Remove the spacers and tighten the bolts.

Install the roller **14** by pushing the pin **15** through the bracket and roller and secure with the clip **16**.

NOTE: It may be helpful to move the winch mount to a work bench or table before continuing on to the next step.

STEP 1 CONTINUED

REPLACE WINCH



Remove the four bolts **17** from the u-bolts that secure the winch to the mount. Save all hardware.

Using a 10mm wrench, remove the nuts **18** that secure the harness to the winch. Save the harness. Discard the hardware.

Using new hardware, reinstall the harness on the new winch. The terminals are labeled + and -. Match red to positive and black to negative **19**. Secure with nuts and tighten using a 10mm wrench.

Slide the positive terminal boot back over the stud **20**.

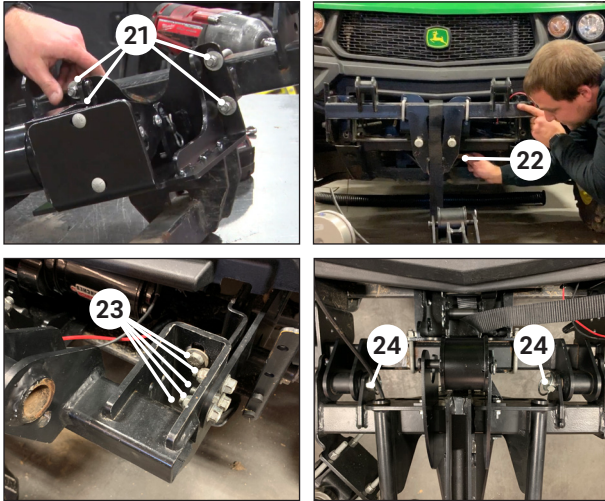
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STEP 1 CONTINUED

REPLACE WINCH



Attach the winch to the mount using the previous u-bolts, washers and nuts **21**. Tighten using a 9/16" socket.

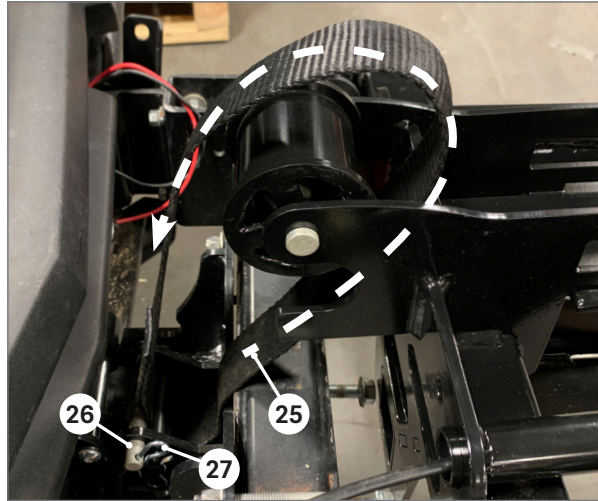
Back at the front of the gator reinstall the winch bracket by sliding it into the front receiver hitch. Secure with pin **22**.

Secure the winch bracket to the gator by reinstalling the (10) bolts **23** and tightening using 9/16" wrench or socket.

Reattach the boom to the winch mount using the (2) pins and (2) clips **24** previously removed.

STEP 1 CONTINUED

REPLACE WINCH

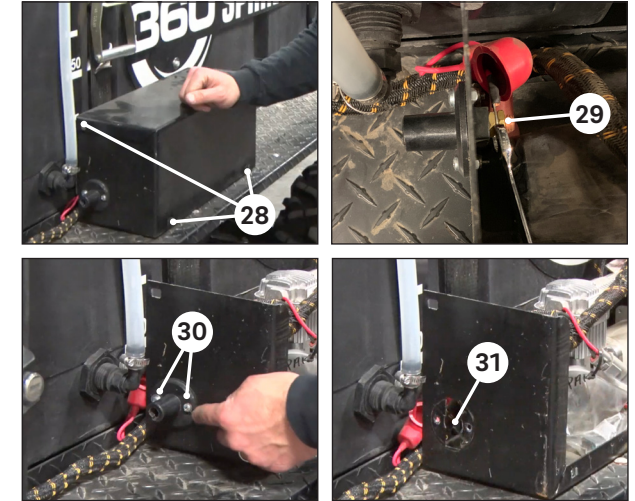


Route the winch strap under the roller, then over the top and back down towards the winch **25**. Be sure to keep the strap from twisting. Slide the pin **26** through the mount, strap and bracket on the other side and secure with hair pin clip **27**. The slack will be taken out of the strap at a later step.

Reattach the liquid supply line, air line and the winch electrical connection that were previously disconnected.

STEP 2

REPLACE SWITCH



Remove the (3) thumb screws **28** holding the cover on the compressor box.

With a 5/8" wrench remove the nuts **29** from the studs of the current switch and remove the terminals from the studs. Push the wires to the side. The nuts can be discarded.

Remove the bolts **30** that secure the switch to the compressor box using a Phillips screwdriver and a 3/8" wrench. Keep the hardware as it will be reused.

Remove the switch **31**.

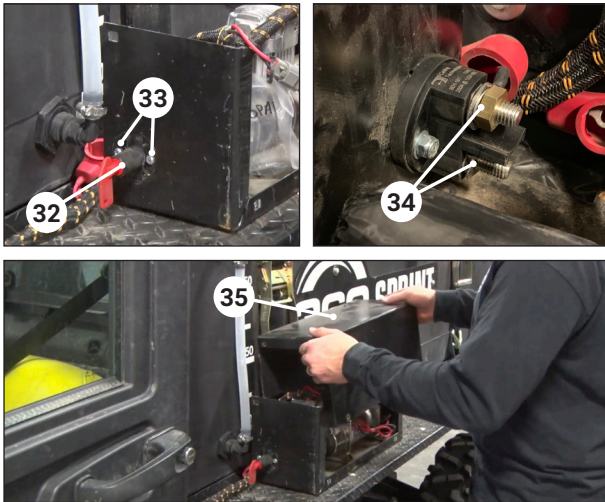
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STEP 2 CONTINUED

REPLACE SWITCH



Insert the new switch **32** from the inside of the compressor box.

NOTE: You may need to remove the filter or the bolts that secure the compressor to the box in order to maneuver the new switch into place.

Using the previously removed hardware **33**, secure the switch to the compressor box. Tighten using a phillips screwdriver and $\frac{3}{8}$ " wrench.

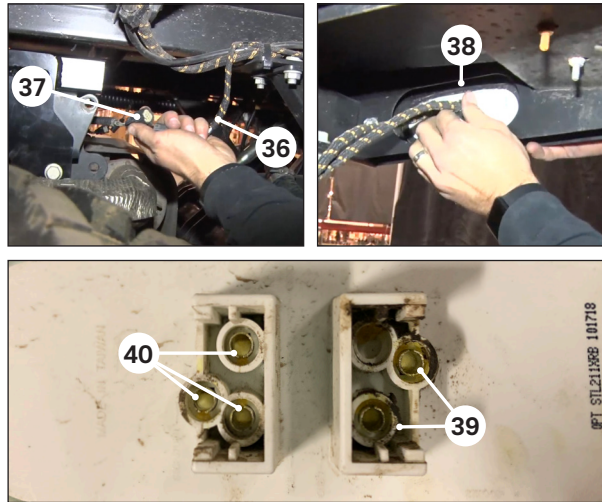
Reconnect the terminals and tighten the nuts using a $\frac{5}{8}$ " wrench **34**. Re-install the terminal boot covers.

NOTE: If you had to loosen any hardware to gain proper clearance when installing the new switch be sure to go back and tighten those now.

Reinstall the cover **35** and secure with the (3) thumb screws.

STEP 3

REPLACE TAIL LIGHT HARNESSES



NOTE: Older model gators will need to update the short adapter harness (part #530513) as well as the tail light harness (part #530512).

Unplug the taillight harness **36** from the OEM harness **37**.

NOTE: You may need to cut any zip ties securing this harness to the SPRINT frame.

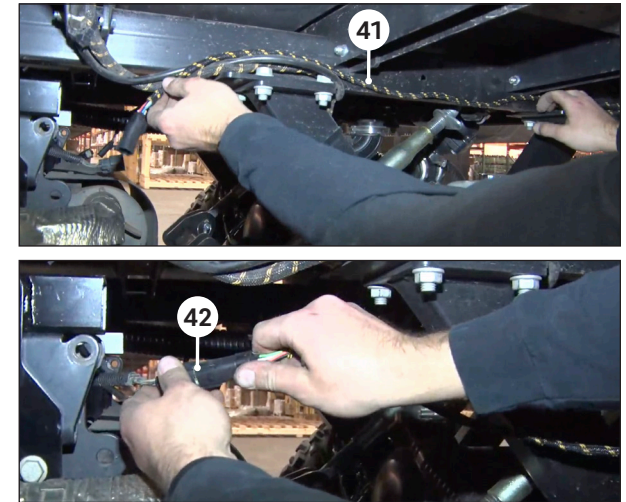
Unplug the harness from the tail light **38**.

Plug the side of the harness with only two contacts into the back-up light side of the tail light **39**.

Plug the the side of the harness with three contacts into the brake-light side of the tail light **40**.

STEP 3 CONTINUED

REPLACE TAIL LIGHT HARNESSES



Route the tail light harness **41** along the SPRINT frame and connect it to the OEM connector **42**.

NOTE: Older model gators will need to connect the adapter harness to the OEM connector and then plug the tail light harness into the adapter harness.

Secure the tail light harness to the SPRINT frame using zip ties.

Repeat the process for the tail light harness on the opposite side.

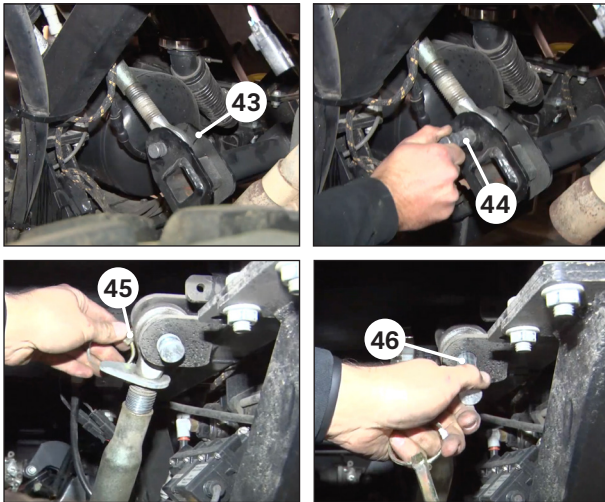
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STEP 4

REPLACE TURNBUCKLES



NOTE: Both turnbuckles are the same so it doesn't matter which side you start with.

At the side of the gator, remove the clip ⁴³ from the bottom of the turnbuckle and pull the pin ⁴⁴. Retain the clip and pin as they will be reused.

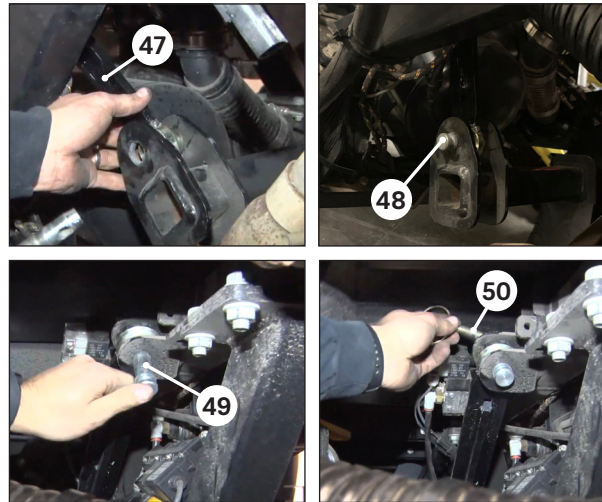
NOTE: A second set of hands or forklift may be needed to lift the back of the SPRINT frame up in order to remove pressure from the pin when removing.

At the back of the gator, remove the clip ⁴⁵ from the top of the turnbuckle and pull the pin ⁴⁶. Retain the clip and pin as they will be reused. Completely remove the turnbuckle.

Repeat the process for the opposite side.

STEP 4 CONTINUED

REPLACE TURNBUCKLES



Starting at the side of the gator, install the new linkage ⁴⁷ and secure with the previously removed pin and clip ⁴⁸.

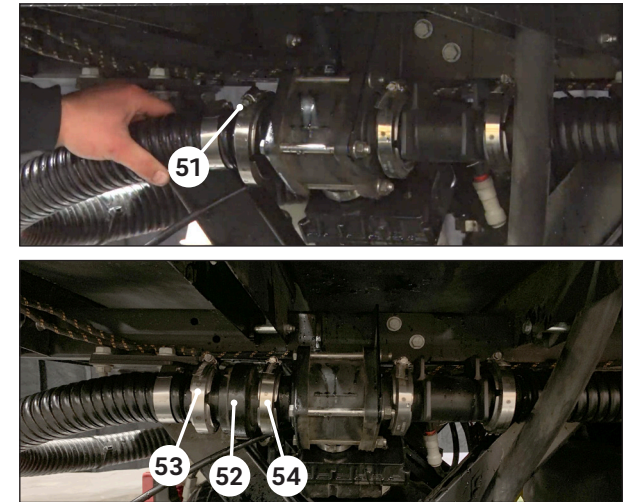
Move around to the back of the gator and secure the top of the linkage with the previously removed pin ⁴⁹ and clip ⁵⁰.

NOTE: A second set of hands or forklift may be needed to lift up on the back of the SPRINT frame in order to properly align the top of the turnbuckle.

Repeat the process for the linkage on the opposite side.

STEP 5

INSTALL CHECK VALVE



Using a 5/16" socket, remove the clamp ⁵¹ right before the on/off valve and remove the hose.

Place the provided clamp over the end of the hose and then install the gasket. Align the check valve ⁵² with the the end of the hose with the arrow on the valve oriented to the front of the gator. Secure the check valve to the hose by tightening the clamp ⁵³ with a 5/16" socket.

Ensuring there is another gasket between the check valve and the on/off valve, use the previously removed clamp ⁵⁴ to secure the check valve to the on/off valve. Tighten the clamp using a 5/16" socket.

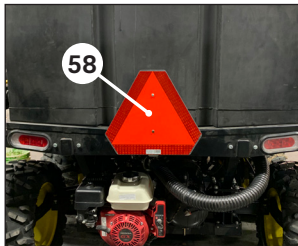
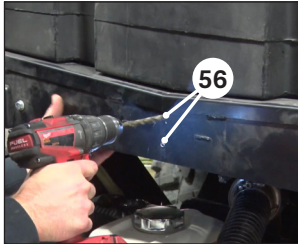
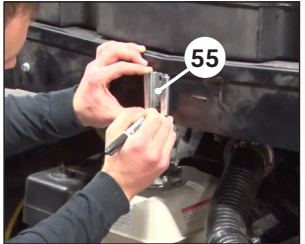
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STEP 6

INSTALL SMV SIGN



INSTALLATION COMPLETE



At the back of the SPRINT frame position the bracket **55** for the slow moving vehicle sign at the center of the frame and mark where the holes need to be drilled.

Set the bracket aside and using a drill with a pilot bit, drill through both pieces of the frame for each hole.

Change to a $\frac{3}{8}$ " bit and drill the holes for the bolts. Remember to drill through both sides of the frame for each hole **56**.

Secure the bracket to the frame using the carriage bolts **57** ensuring that the bolts go through both pieces of the frame. Install the nuts and tighten using a $\frac{1}{2}$ " wrench or socket.

Slide the slow moving vehicle sign **58** down into the bracket.

