



INSTRUCTION SHEET 07264

Part #: 923W
Description: STCII / SCZ-48/52 - LED Light Kit Installation
Date: 7/02/2018

Instructions for Installing the 923W STCII / SCZ-48/52 Light Kit

-WARNING-

Only mow in daylight. This light kit is not intended for mowing, or for operation on public roads. This is intended for transport to and from trailers and movement in storage facilities.

-NOTE-

This LED Light Kit Accessory is Applicable to Machines Listed Below

STCII-48/52/61

All Serial Number Ranges

SCZ-48/52

Serial Number Ranges Identified Below

*SCZ48V-28BS.....H6901000 and Higher
SCZ52V-28BS.....H7201000 and Higher*

*SCZ48V-691FX.....H6701000 and Higher
SCZ48V-22FX.....J9601000 and Higher
SCZ52V-730FX.....H7001000 and Higher
SCZ52V-23FX.....J9900001 and Higher*

*SCZ48V-23CV.....J9700001 and Higher
SCZ48V-23CV-EFI...L6200001 and Higher
SCZ48V-25CV.....H6800001 and Higher
SCZ52V-25CV-EFI...K0100001 and Higher
SCZ52V-27CV.....H7100001 and Higher*

Please read through and become familiar with these instructions before beginning to install this kit. For pictorial clarity, illustrations used in this instruction may show some parts removed from the mower.

The following tools are required for installation of this light kit.

- 1 - 3/8" wrench or socket*
- 1 - 7/16" wrench*
- 1 - 7/16" socket*
- 1 - 1/2" wrench or socket*
- 1 - 13mm wrench & socket*
- 1 - sidecutter*

1. Prepare the machine so there is easy and safe access to the work area. Maintain all safety related work procedures. Stop the engine, remove the ignition key, wait for all moving parts to come to a complete stop and apply the parking brake. Disconnect the negative cable from the battery. Always wear eye and hand protection.

2. Identify the mounting brackets supplied with each light assembly included in this kit. Install (1) one 5/16-18 x 3/4" bolt into the mounting bracket as shown in Figure 1. Using the hardware provided with each light assembly, install (1) one mounting bracket onto each light and secure using (1) one M8-1.25 x 35 hex head bolt, (1) one M8 lockwasher and (1) one M8-1.25 nut. See Figure 1. Do not tighten hardware at this time.

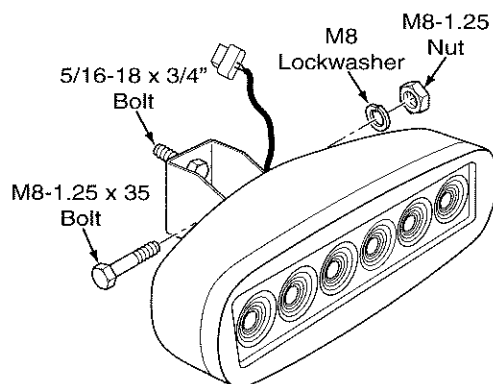


Figure 1. Assemble Mounting Brackets

3. Install (1) one light assembly and (1) one shock mount pad to each of the machine mounting brackets and secure using the 5/16-18 x 3/4" bolt(s) installed in the previous step, and (1) one 5/16-18 elastic stop nut. See Figure 2. Do not tighten hardware at this time.

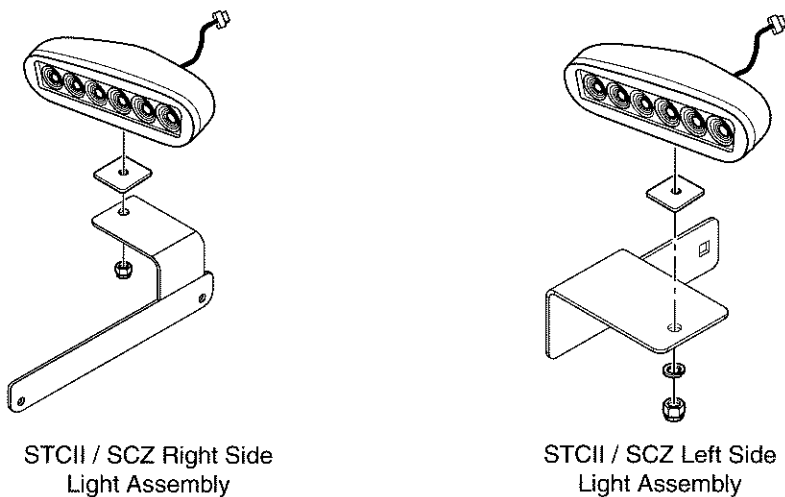


Figure 2. Assemble Lights to Mounting Brackets

4. Remove the control bracket mounting hardware. Install the left hand light and bracket assembly onto the control bracket and secure using two (2) 5/16-18 x 1" carriage bolts and two (2) 5/16-18 serrated flange nuts provided with this kit. Do not tighten hardware at this time. See Figure 3, Page 3.
5. Remove and retain the two (2) outside 5/16-18 bolts used to secure the cutting height adjustment bracket to the frame of the machine. Using the original hardware, install and secure the right hand light and bracket assembly onto the cutting height adjustment bracket as shown. See Figure 3, Page 3.

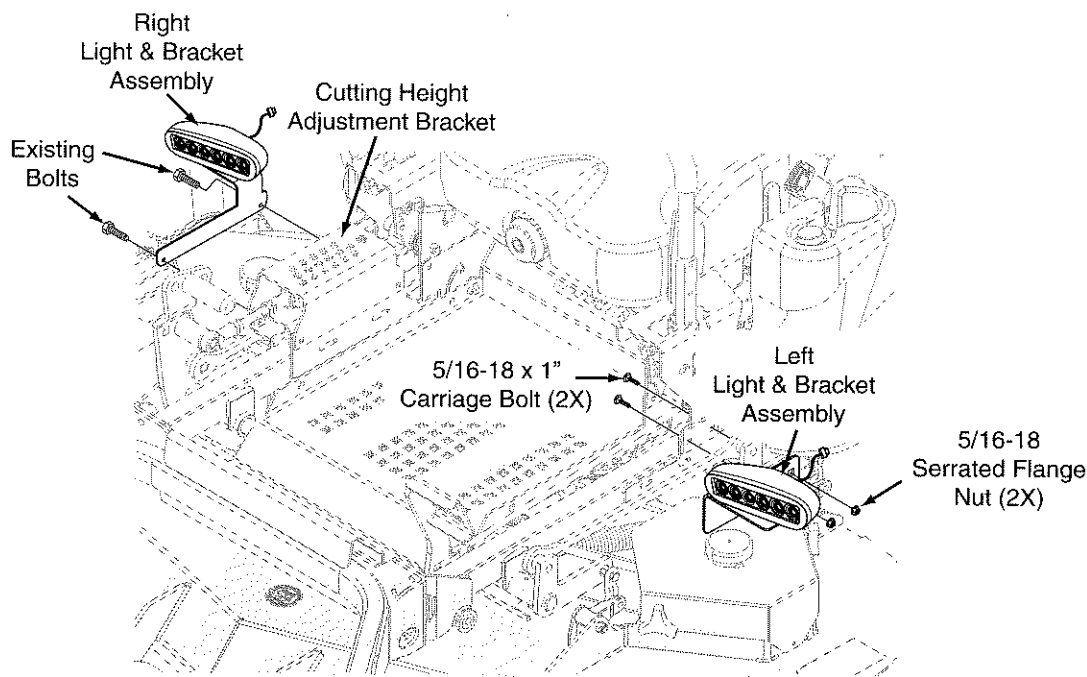


Figure 3. Install Light & Bracket Assemblies

- Remove the dash panel from the right hand fuel tank. Identify the location of the hole provided in the panel. Carefully cut the dash panel decal to reveal the mounting hole for the light switch. See Figure 4.

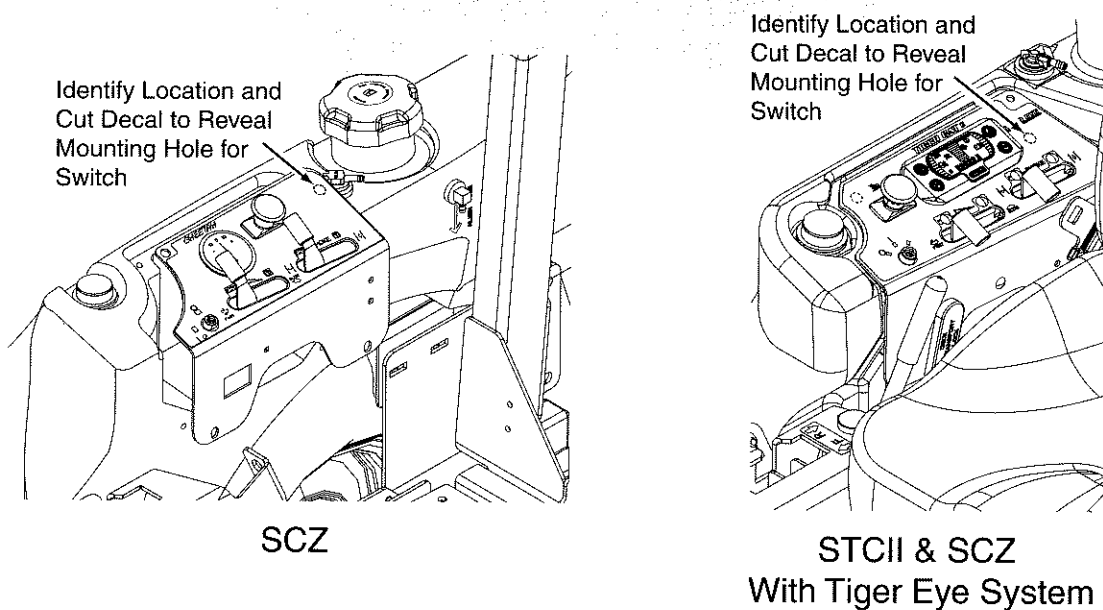


Figure 4. Reveal Mounting Hole for Switch

7. Install the light switch and rubber switch boot to the dash panel.
8. Connect the wire harness provided with this kit to the light switch that was installed in the previous step. Do not connect the light kit wire harness to the machine wire harness at this time.
9. **For SCZ Models Only** - Route the light kit wire harness as shown and connect to the LH and RH light assemblies. Using the cable ties provided with this kit, secure the accessory wire harness away from moving or hot components that could cause damage. See Figure 5. Proceed to Step 11.

- Note -

Lowering the cutter deck to the lowest position will provide additional clearance to ease installation of the wire harness to the frame cross tube.

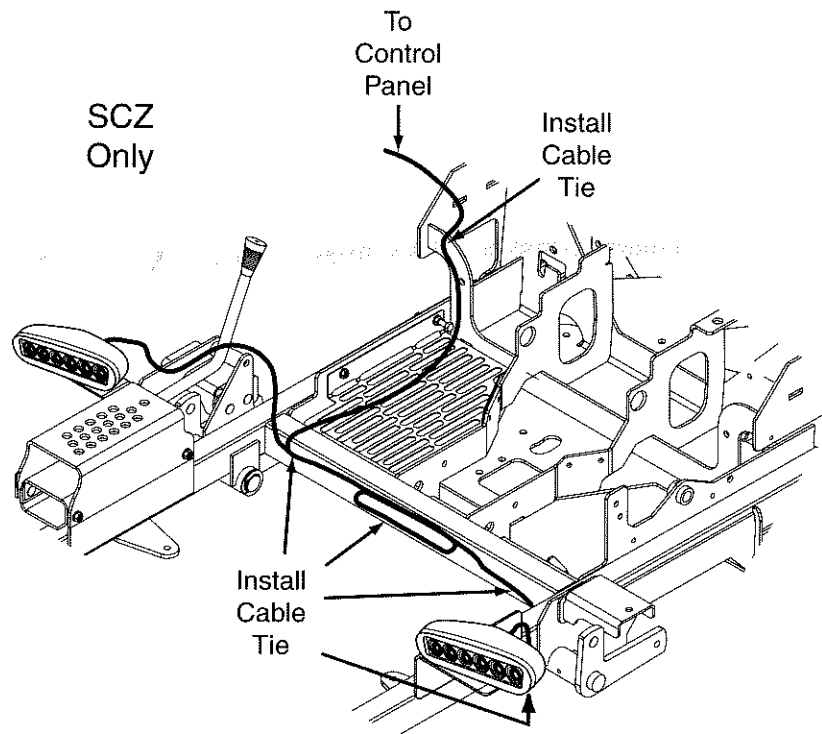


Figure 5. SCZ Models - Route Wire Harness and Connect to Lights

10. **For STCII Models Only** - Route the light kit wire harness as indicated and connect to the LH and RH light assemblies. Install the adhesive clip provided with this kit. See Figure 6, Page 5. Direct the wire harness through the adhesive clip as shown. Using the cable ties provided with this kit, secure the accessory wire harness away from moving or hot components that could cause damage. See Figures 6 and 7, Page 5. Proceed to Step 11.

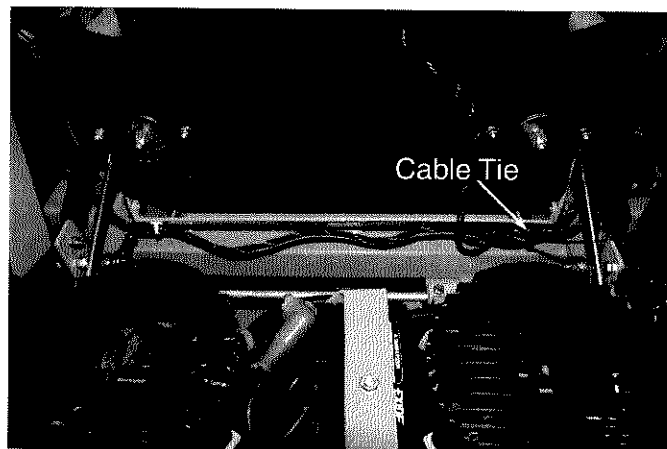
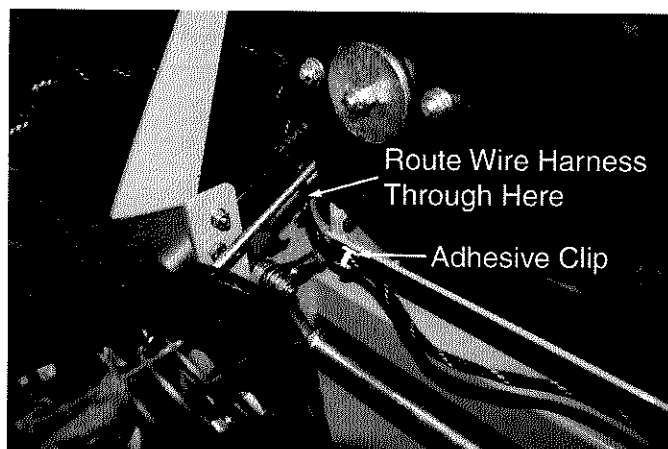


Figure 6. STCII Models - Route Wire Harness and Connect to Lights

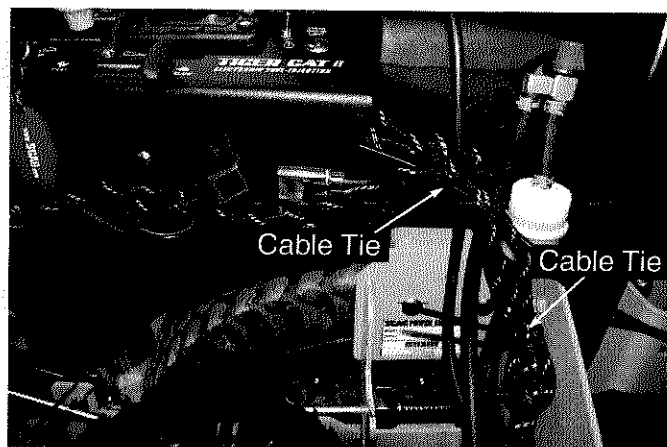
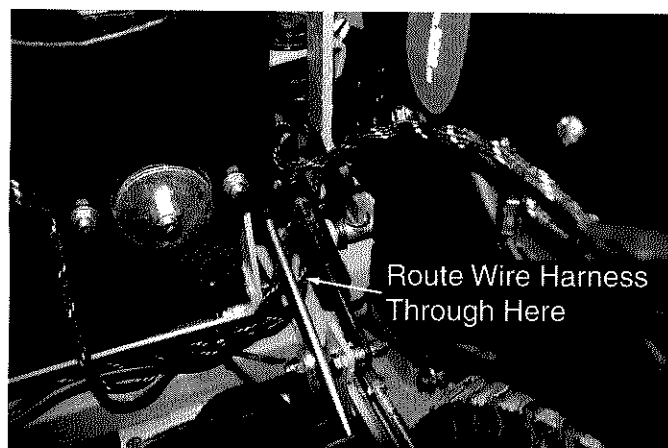


Figure 7. STCII Models - Route Wire Harness and Connect to Lights

11. Identify the open connector in the machine wire harness located under the dash panel. This connector can be identified by having RED and BLACK wires installed.
12. Connect the light kit wire harness to the connector identified in the previous step.
13. Reinstall the dash panel to the fuel tank.
14. Reconnect the negative battery cable to the battery.
15. Operate and test.

- NOTE -

The ignition key switch must be in the ON position for the light kit to operate.

16. Aim the lights forward and slightly downward.
17. Tighten the mounting hardware.