

## Instructions for Installing the 9613 STS LED Light Kit

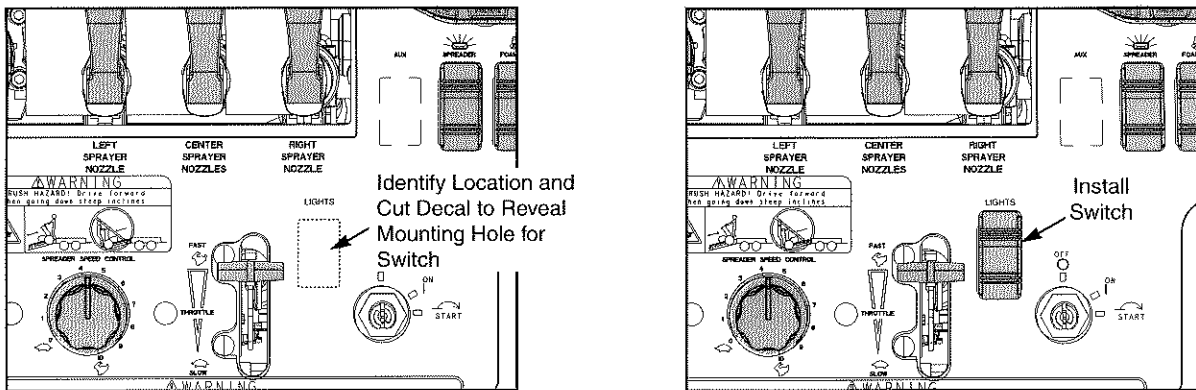
**-NOTE-**

Please read through and become familiar with these instructions before beginning to install this kit.

The following tools are required for installation of the STS LED Light Kit.

- 1 - 1/2" socket with ratchet
- 1 - 1/2" wrench
- 1 - side cutter

1. Prepare the machine so there is easy and safe access to the work area. Maintain all safety related work procedures. Stop the engine, make sure the ignition switch is in the OFF position and remove the ignition key. Wait for all moving parts to come to a complete stop. Always wear eye and hand protection.
2. Locate the rectangular cutout provided in the instrument panel. Carefully cut the instrument panel decal to reveal the mounting hole for the light switch. Install the light switch into the instrument panel. See Figure 1.



**Figure 1. Reveal Cutout in Instrument Panel & Install Switch**

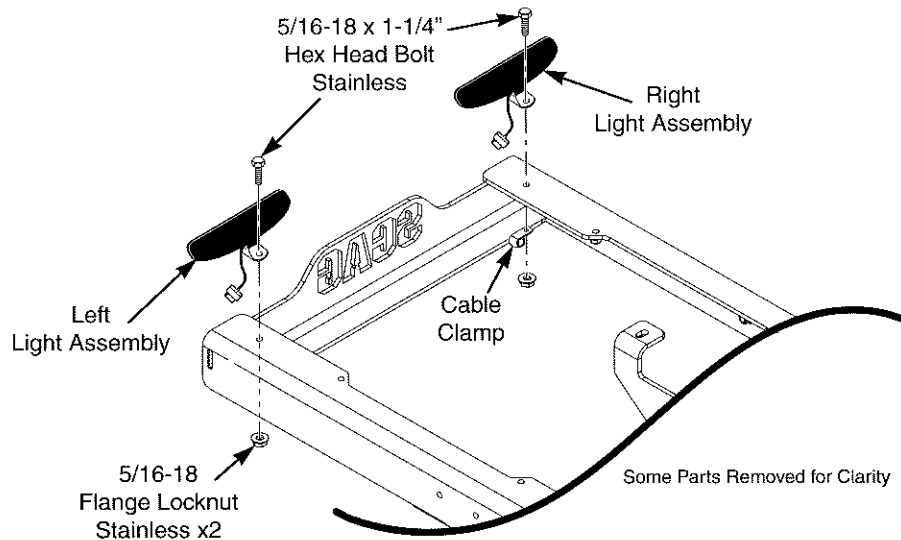
3. Identify the mounting holes located in the machine frame weldment for the LED light assemblies. See Figure 2, Page 2.

Install one (1) light assembly to the left front corner of the frame and secure with one (1) 5/16-18 x 1-1/4" stainless hex head bolt and one (1) 5/16-18 stainless flange nut provided with this kit. Do not tighten hardware at this time. See Figure 2, Page 2.

Install one (1) light assembly and one (1) cable clamp to the right front corner of the frame and secure with one (1) 5/16-18 x 1-1/4" stainless hex head bolt and one (1) 5/16-18 stainless flange nut provided with this kit. Do not tighten hardware at this time. See Figure 2, Page 2.

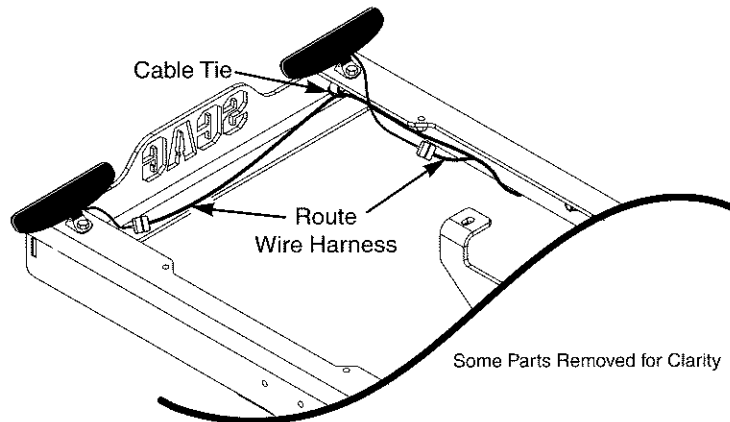
Aim the lights forward and tilt slightly downward. Adjustment may be needed after installation has been completed for proper light position. Tighten hardware once proper position has been determined.

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**Figure 2. Install LH & RH Light Assemblies**

4. Connect the wire harness to the LH & RH light assemblies. Secure the wire harness to the cable clamp installed in the previous step with one (1) cable tie included and route the harness along the frame as shown. See Figure 3.



**Figure 3. Connect Wire Harness to LH & RH Light Assemblies.**

5. Remove the 5/16-18 hardware identified in Figure 4, Page 3 used to secure the lower front corner of the strainer mounting bracket to the machine chassis.

Using the remaining cable clamp provided with this kit, attach the cable clamp with wire harness to the strainer mounting bracket and secure with the 5/16-18 hardware removed previously. See Figure 4, Page 3.

6. Route the light kit wire harness under the instrument panel and connect to the switch installed in step 2. See Figure 4, Page 3.

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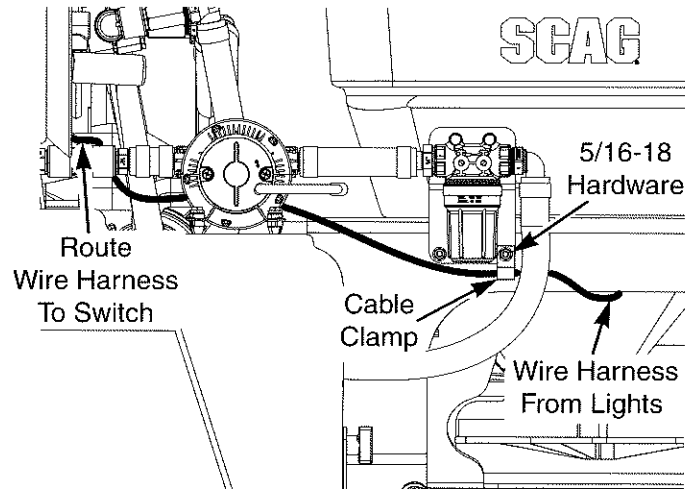


Figure 4. Route Wiring Harness to Switch.

7. Remove the operator pad assembly from the machine and locate the power connector provided for the light kit in the machine main wire harness. This connector is attached to a single red and single black wire.

The connector will be secured to the wiring harness with a cable tie. Free the connector from the wiring harness using a side cutter to carefully cut the cable tie. See Figure 5.

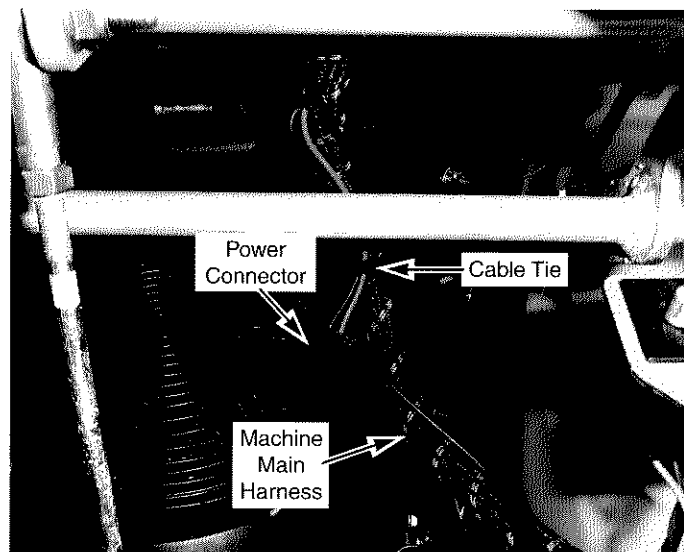


Figure 5. Locate Connector for Light Kit

8. Connect the light kit wire harness to the power connector identified in the previous step. Using the cable ties supplied with this light kit, secure the wire harness away from moving or hot components that could cause damage.
9. Operate and test.