

Installation Instructions for Schiller Grounds Care, Steiner 440, Front Work Light Kit

NOTE: This kit is for installation of two 50 watt work lights onto Steiner 440 series tractors. The two lights combined current draw should be 9 amps at 12 VDC.



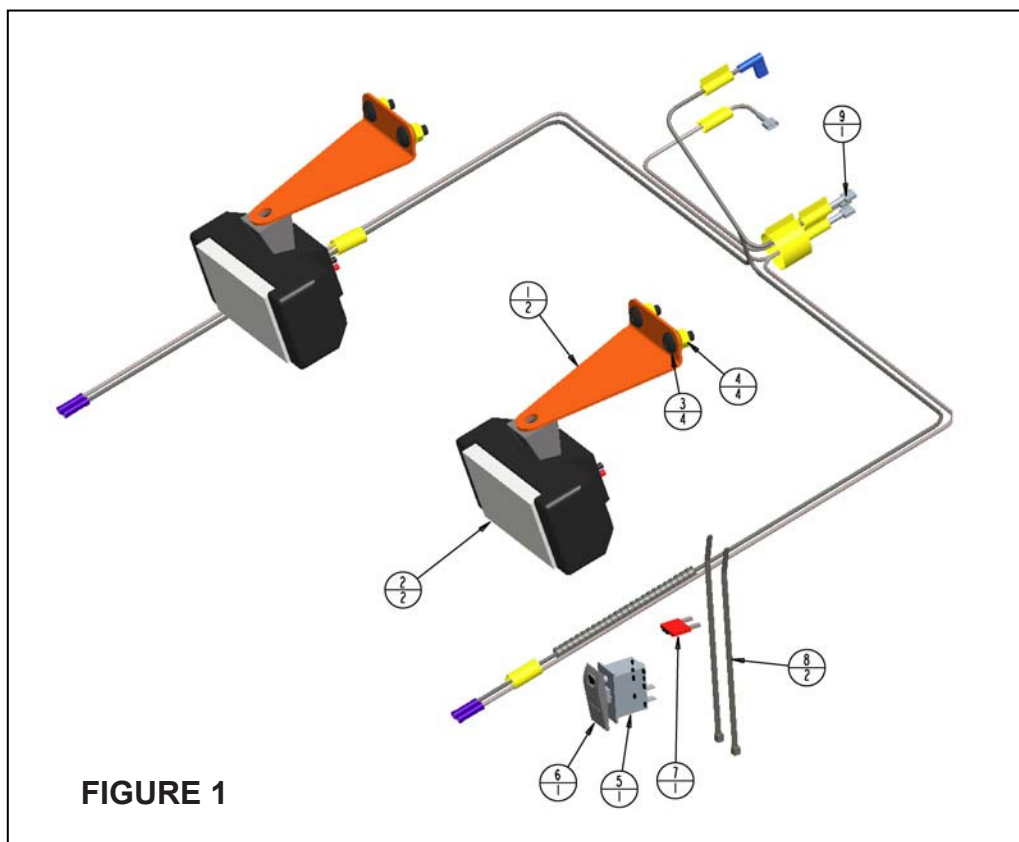
Do not substitute higher wattage bulbs!

Do not exceed the machine's available alternator capacity. If you do not know how much current is available, contact your dealer or manufacturer of this machine, prior to installing this kit.

Lights are to be mounted on the front of cab. This kit is for use with cab kit 75-71215, which includes a main feed breaker and relay wire harness and 6-slot fuse block, already installed in the cab's overhead switch panel from the factory.

Before you begin, read these instructions and identify components. Please retain these instructions for future reference and parts ordering information. (**FIGURE 1**)

IMPORTANT: Perform all steps correctly and completely.



ITEM	PART NO.	DESCRIPTION	QTY
1	4171667-01	BRKT-MOUNT, LIGHT	2
2	4171667-02	LIGHT-FLOOD BEAN 55W HALO	2
3	4171015-47	BLT-BTN HEAD 5/16 X 3/4	4
4	64141-6	NUT-FLG 5/16	4
5	4171677-03	BODY-ROCKER, SWITCH	1
6	4171667-04	ACTUATOR-ROCKER, SWITCH	1
7	148082-10	FUSE-10 AMP, ATO/ATC BLADE	1
8	O/L	TIE-NYLON BLACK	2
9	4171667-05	HARNESS-WIRE, LIGHTS	1

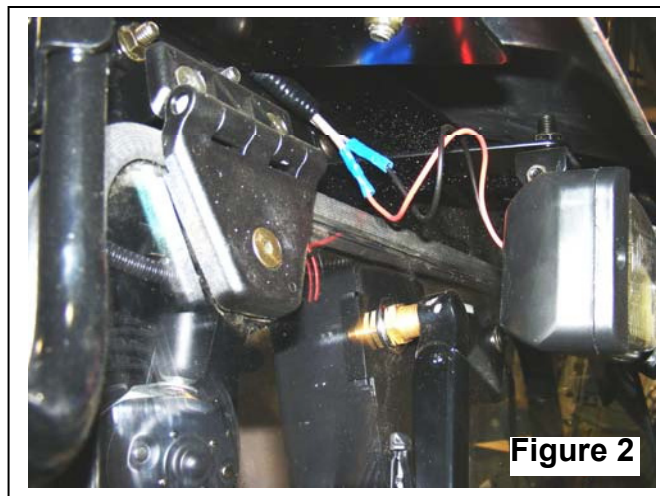
O/L=OBTAIN LOCALLY

INSTALLATION STEPS:

1. Remove the 5/16" bolts that secure the overhead switch panel to the cab frame header area. Remove the fuse block cover.
2. Remove front roof bolts and place a block to gap the roof 2-3" above the front cross member.
3. Secure each front light mount bracket to upper front of cab using two 5/16 x 3/4" long button truss bolts (**Item 3**) and two 5/16" flange nuts (**Item 4**)

Fan Kit Installation (continued):

4. Locate wire harness with light connector ends (**Item 9**). Using a wire crimping tool, connect wire harness ends labeled lights to each light wires. Crimp black wire to black wire on light and the brown wire to red wire on light. (**Figure 2**)
5. Secure each light to light mount bracket using hardware supplied with the light. (**Figure 2**)
6. Route opposite end of wire harness, to switch panel area, between roof and header cross member.
7. Select an empty location on switch panel to install rocker switch (**Item 5**). Remove rectangular knockout.



8. Run switch end of wire harness through switch knockout. Connect the brown wire labeled terminal 3 to rocker switch terminal 3. Refer to labels on harness for correct wire connections. (**Figure 3**)
9. Remove fuse block access cover from headliner and select an empty fuse terminal location.
10. Locate the brown fuse block to switch wire labeled +12vdc. Connect 90 degree end of wire to empty fuse terminal location, selected in step 9 (**Figure 4**).
11. Connect opposite end of wire labeled terminal 2 to rocker switch terminal 2 (**Figure 3**).
12. Connect black wire of harness labeled -12VDC Lights to ground terminal of fuse block (**Figure 4**).
13. Connect black wire to terminal 7 on the rocker switch. (**Figure 3**).
14. Attach switch actuator (Item 6) to rocker switch (Item 5) then install switch into knockout.
15. Install 10 amp fuse into fuse block location selected in Step 7 (**Figure 4**).
16. Secure wires using wire ties as needed. Remove block and lower roof. Re-secure front of roof.

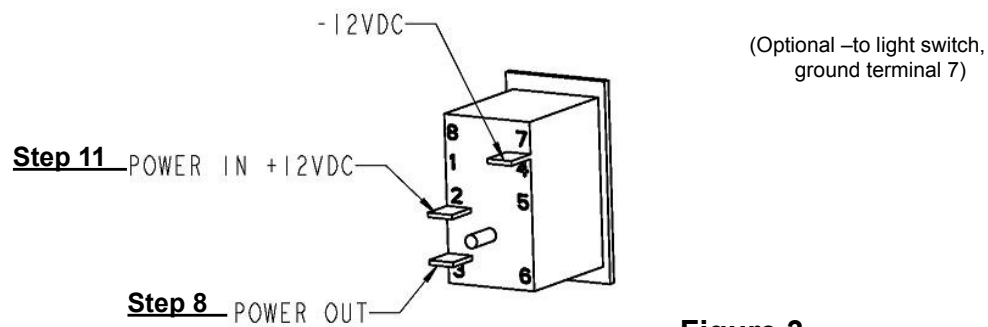
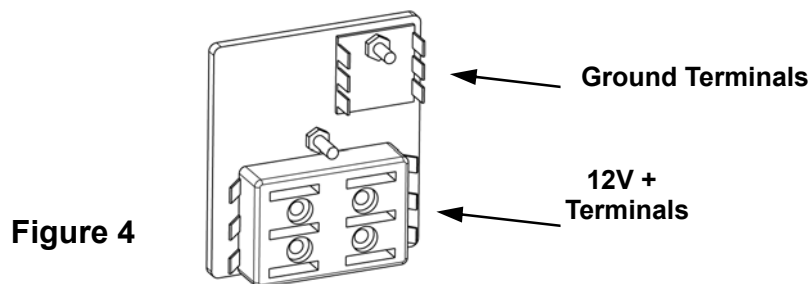


Figure 3

ROCKER SWITCH 4171667-0320A MAX AT 12VDC
TYPICAL SWITCH WIRING**Completing installation:**

17. Turn tractor's ignition key to "On".
18. Turn lights on and off to check proper operation. Check coverage area and adjust lights if needed.
19. Secure switch panel to cab frame and fuse block access cover to switch panel.