



A-11764

AMBER STROBE LIGHT KIT

(For cabs with switch panel and main feed breaker/relay harness, installed)

Note: This kit requires a minimum current draw of 1 amp at 12 VDC. 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. This kit is for use in cabs that have a factory installed overhead switch console. The cab and overhead switch console are supplied with a main feed breaker/relay wire harness and 6-slot fuse block with ground terminals.

Before you begin, read these instructions and identify all components. Please retain these instructions for future reference and parts ordering information.

Kit Components:

ITEM	QTY	PART NO.	DESCRIPTION
1	1	3-18689	AMBER STROBE LIGHT 12VDC
2	1	3-18189	ROCKER SWITCH BODY ON-OFF-LIT
3	1	3-18513	ROCKER SWITCH ACTUATOR W/ BEACON IMP
4	2	3-16074	TERMINAL BLADE CONNECTOR 14 GA MALE
5	1	3-16582	FUSE, 2 AMP ATO/ATC BLADE TYPE
6	1	05-11054	MOUNTING INSTRUCTIONS
7	1	3-18691	FOAM SEAL RING FOR STROBE LIGHT
8	3	3-18808	No. 8 x 1.00" LONG BUTTON HEAD SCREW
9	3	3-18322	No. 6 FLAT WASHER
10	3	3-18860	No. 8 HEX NYLOCK NUT
11	4	3-16629	NYLON TIE
12	4	3-17517	NYLON TIE PAD PSA BACK
13	1	2-16579	STROBE LIGHT MOUNT BRACKET
14	1	3-10345	WIRE, BLACK, 14GA X 8 FT
15	1	3-10364	WIRE, RED, 14GA X 8 FT
18	7	3-10670	TERMINAL BLADE CONNECTOR, 14GA FEMALE
19	1	3-10704	WIRE LOOM, .350" X 6 FT
20	2	3-18503	BUTTON HEAD BOLT, 5/16" X 3/4" LONG
21	2	3-17111	FLANGE NUT, 5/16"

STROBE LIGHT INSTALLATION:

1. Make sure machine's ignition key is turned off.
2. Place strobe light with foam seal onto bracket and route wires through center hole. See figure 1.
3. Secure strobe light and foam seal ring to bracket using (3) No. 8 x 1.00" long button head screws, (3) No.6 flat washers and (3) No.8 nylock nuts. See figure 1.
4. Using a wire crimping tool, attach (2) 1/4" male terminal blade connectors to each of the strobe light wires.
5. Remove the (2) hole plugs located above and center of rear window. See figure 1.
6. Attach strobe light and bracket to rear of cab and secure using (2) 5/16" x 3/4" long, button head bolts and (2) 5/16" flange nuts. See figure 1.
7. Place both 8 foot long, black and red wires inside 6 foot long, black protective wire loom. Route 12" of wires with loom from inside of cab, through the middle rear roof panel foam seal area, to the strobe light. See Figure 2.

MOUNTING INSTRUCTIONS

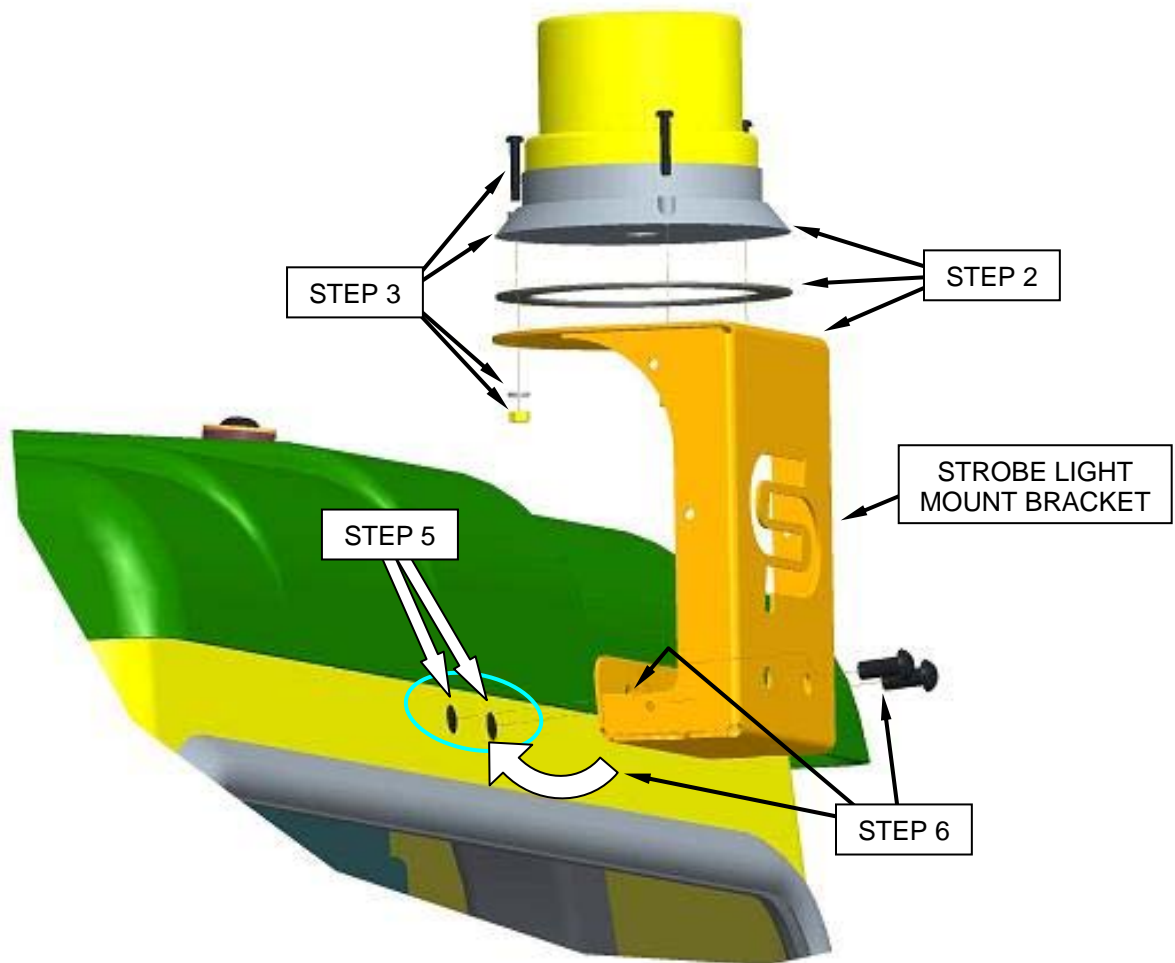
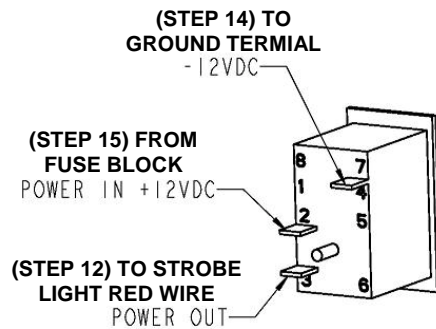
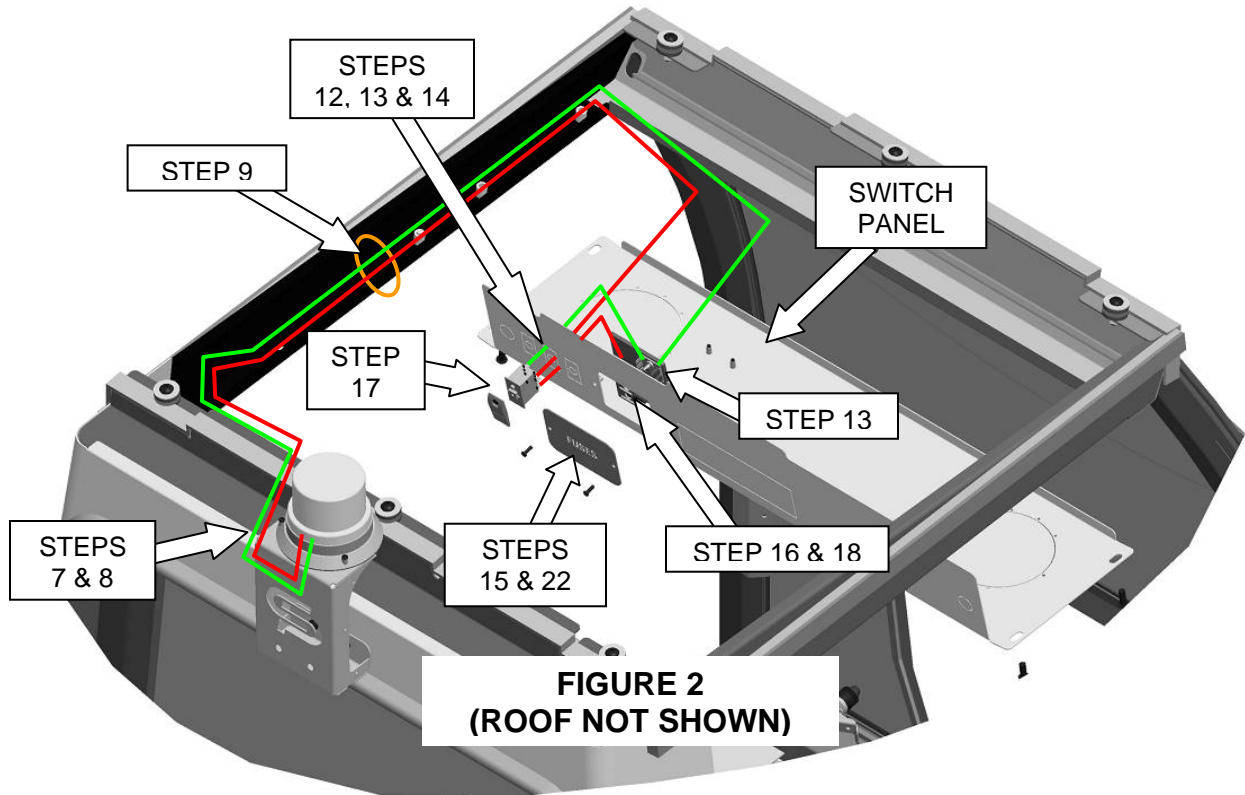


FIGURE 1

8. Using a wire crimping tool, attach (2) ¼" female terminal blade connectors each red and black wires routed outside rear of cab in step 7. Connect wires to strobe light wires. Red to red, black to black.
9. Route opposite end of red and black wires with loom along the cab's LH frame channel, forward to the overhead switch panel location.
10. Remove 2 LH bolts and loosen 2 RH bolts that secure the overhead switch panel to the cab. Allow switch panel to tip down. A
11. Select a location in switch panel for the rocker switch. Remove rectangular knockout using a pliers and screwdriver or die grinder. Important! Do not install rocker switch until step 17!
12. Route red wire (from strobe light) from inside the switch panel area, through the rocker switch hole. Trim excess wire and attach a female terminal connector to red wire, then to rocker switch terminal 3. See figures 2 & 3.
13. Route black wire (from strobe light) to fuse block grounding terminals and trim excess wire. Attach female terminal connector to wire. Connect wire to a ground terminal on fuse block.
14. Cut (1) piece of leftover black wire to 12" long and crimp a female terminal connector to each end. Connect wire from rocker switch terminal 7 to a fuse block ground terminal, routing through the switch hole.
15. Remove fuse access cover.
16. Cut (1) piece of leftover red wire to 12" long and crimp a female terminal connector to each end. Connect wire from rocker switch terminal 2, to an empty fuse block location, routing through the switch hole.
17. Install rocker switch and switch actuator into overhead switch panel.
18. Locate the empty fuse location selected in step 16. Install 2 amp fuse.

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MOUNTING INSTRUCTIONS



ROCKER SWITCH 3-18189

20A MAX AT 12VDC
TYPICAL SWITCH WIRING

FIGURE 3

19. Turn tractor's ignition key "On" and check strobe light operation by turning the beacon rocker switch, on and off. Strobe should also turn off when tractor's ignition key is turned off.
20. Secure wire harness with nylon ties and PSA backed tie pads.
21. Re-install overhead switch panel to cab.
22. Secure fuse access cover panel to headliner.

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