

# Light Bar Option

## Safety, Installation, Operation, Maintenance & Parts Manual

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**LX450 Sawmills**

**rev. A1.05**

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**Safety is our #1 concern!** Read and understand all safety information and instructions before operating, setting up or maintaining this machine.

*Form #2296*

## California

### Proposition 65 Warning



**WARNING:** Breathing gas/diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Always start and operate the engine in a well-ventilated area.  
If in an enclosed area, vent the exhaust to the outside.  
Do not modify or tamper with the exhaust system.  
Do not idle the engine except as necessary.

For more information go to **[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)**.



**WARNING:** Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

For more information go to **[www.P65Warnings.ca.gov/wood](http://www.P65Warnings.ca.gov/wood)**.

### Active Patents assigned to Wood-Mizer, LLC

Wood-Mizer, LLC has received patents that protect our inventions which are a result of a dedication to research, innovation, development, and design. Learn more at: [woodmizer.com/patents](http://woodmizer.com/patents)

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**Indianapolis, Indiana 46214**



## SECTION 1 LIGHT BAR INSTALLATION

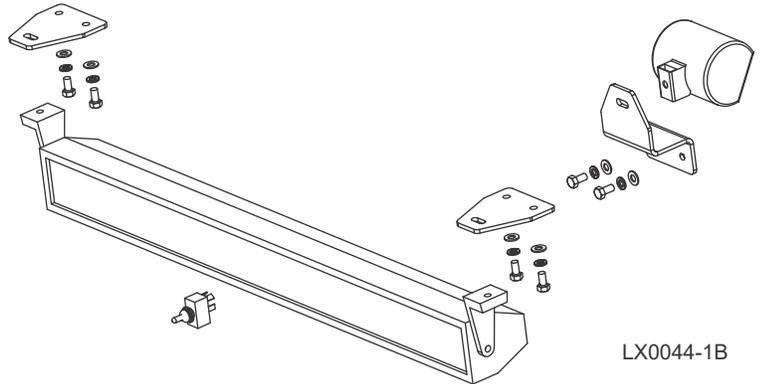
### 1.1 Light Kit Installation

1. Lower the sawhead such that it is not in the way of accessing the top carriage rail.
2. Ensure the mill is in the OFF (0) position and the key is removed.



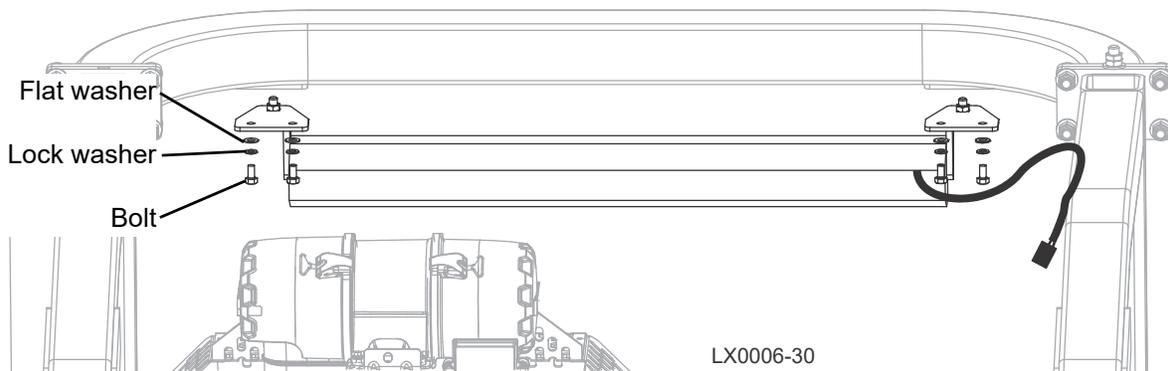
**WARNING!** Before performing service near moving parts such as blades, pulleys, motors, belts and chains, first turn the key switch to the OFF (0) position and remove the key. Failure to do so could result in death or serious injury.

3. Attach the light bar to the upper mast rail.
4. Connect the light connector to the corresponding connector on the wiring harness. The harness connector is located near the up/down chain.



LX0044-1B

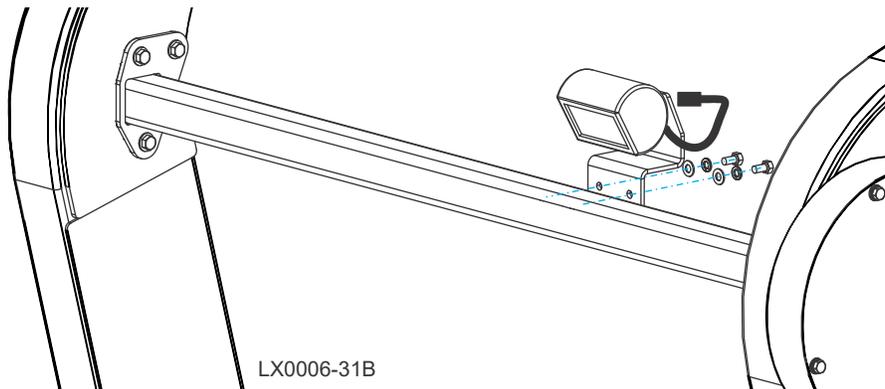
**FIG. 1-1**



LX0006-30

**FIG. 1-2**

5. Attach the 4-inch light to the lower mast rail.
6. Connect the light connector to the corresponding connector on the wiring harness. The harness connector is located directly behind the light.

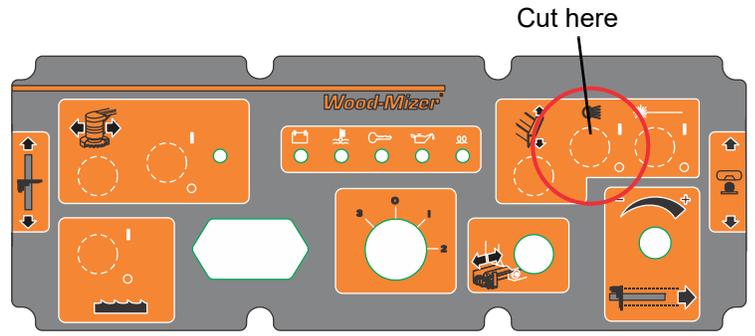


LX0006-31B

**FIG. 1-3**

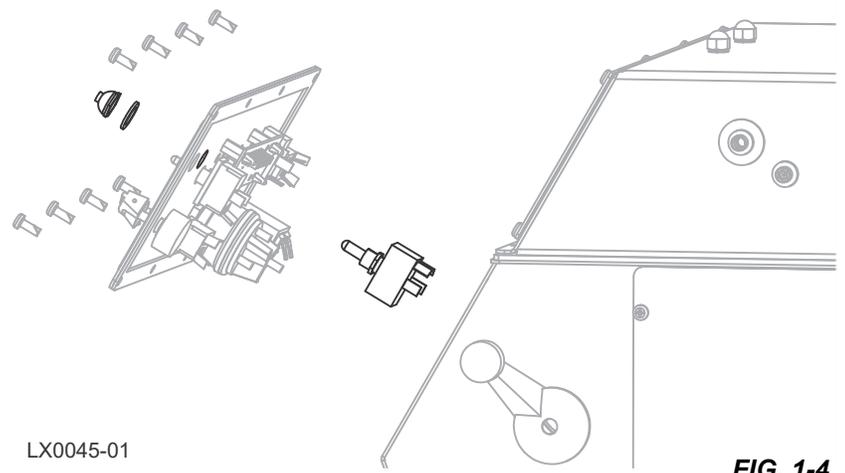
## 1.2 Control Box Switch Installation

1. Open the control box to access the control panel.
2. Remove the eight screws holding the panel to the box and retain for reinstallation.
3. Cut out the location of the switch from the decal over the panel.
4. Insert the switch into the panel and secure it with the washer and boot.



5. Attach both ring terminals of the reds wires to the **FRONT** post of the circuit breaker..

**IMPORTANT!** For non-remote models of the LX450, the circuit breaker is labeled CB4. For the remote model, the circuit breaker is labeled CB2. CB4 and CB2 are in the same location.



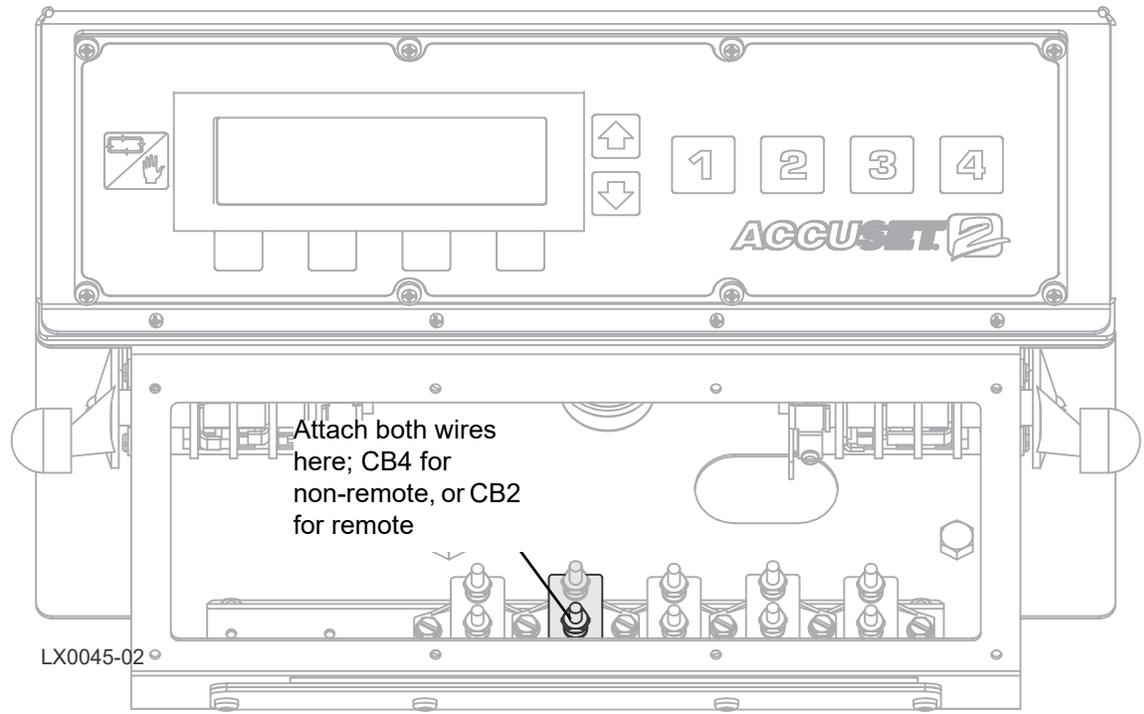
6. Identify wires 60 and 62 on the wiring harness internal to the control box.

7. Connect one wire to each of the open contacts on the switch.

8. Reinstall the control panel with the screws retained in Step 2.

LX0045-01

FIG. 1-4



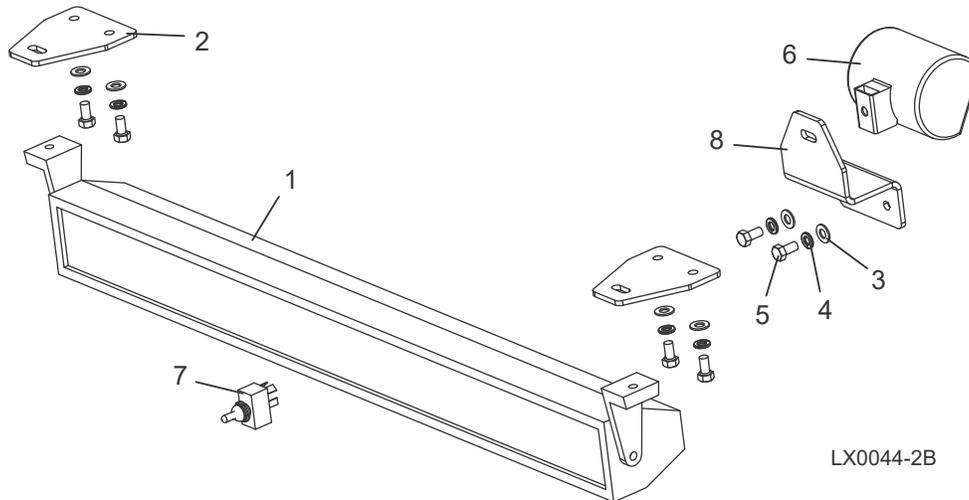
Attach both wires here; CB4 for non-remote, or CB2 for remote

LX0045-02

FIG. 1-5

## SECTION 2 PARTS

### 2.1 Light Bar Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>LIGHT PACKAGE, LED FACT INSTALLED</b>	LX450LP	1
1	Lightbar Assembly, LED 32Inch	107930	1
2	Bracket, Light Bar Mount	079788	3
3	Washer, 5/16 SAE Flat	F05011-17	6
4	Washer, 5/16 Split Lock	F05011-13	6
5	Bolt, 5/16-18x5/8 Hex Head Grade 2	F05006-53	6
6	Light Assembly, LED 4Inch	107935	1
7	Switch Assembly, LED Lamp Toggle	073651	1
8	Bracket, Light Mount	110664 <sup>1</sup>	1

<sup>1</sup> Replaced 079788 Light Mount Bracket (Straight) (11/18).