

# IMPORTANT SAFETY AND INSTALLATION INSTRUCTIONS

**WARNING:** Risk of fire and electrical shock. This product is to be installed by a qualified electrician only.

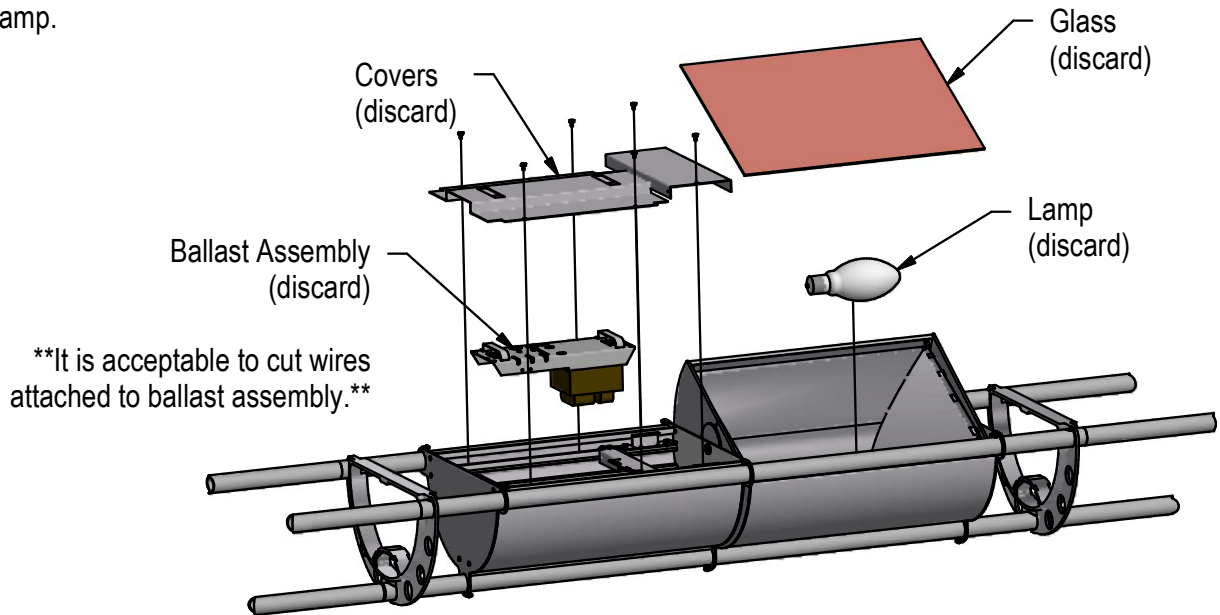
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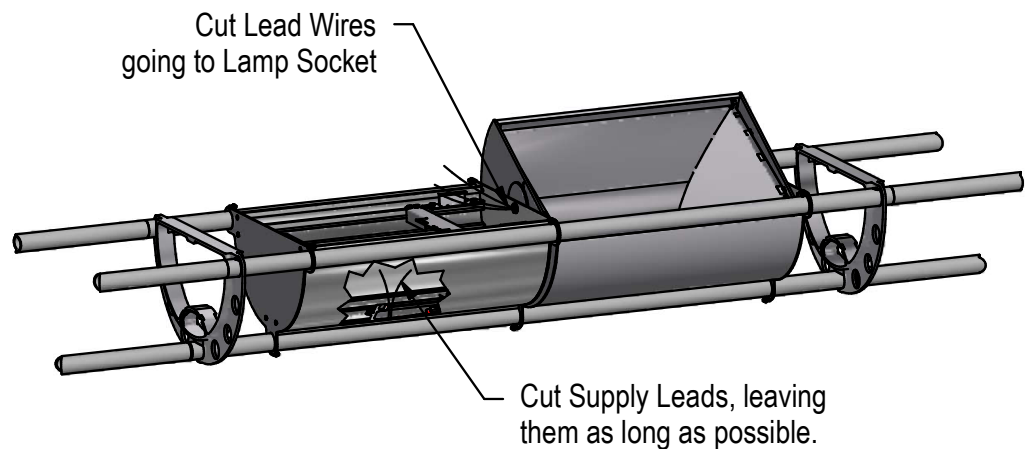
These instructions do not claim to cover all details or variations. When additional information is desired, please contact your SPI representative.

## LIGHTRUSS LED UPGRADE - 1000W MODULE

STEP 1: Remove Covers, Ballast, Glass, and Lamp.



STEP 2: Cut Wires.



\*\*Supply Leads may originate from any of the three tubes.\*\*

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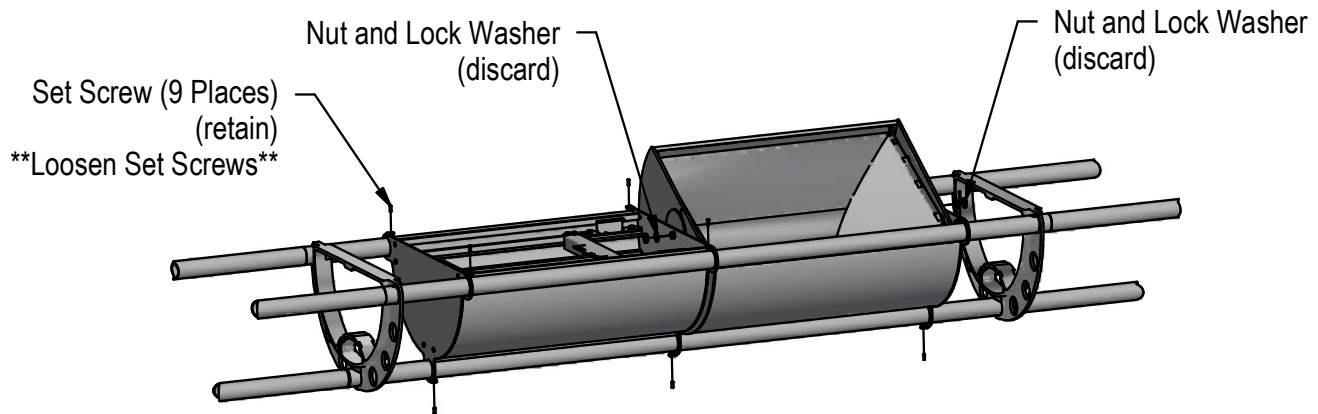
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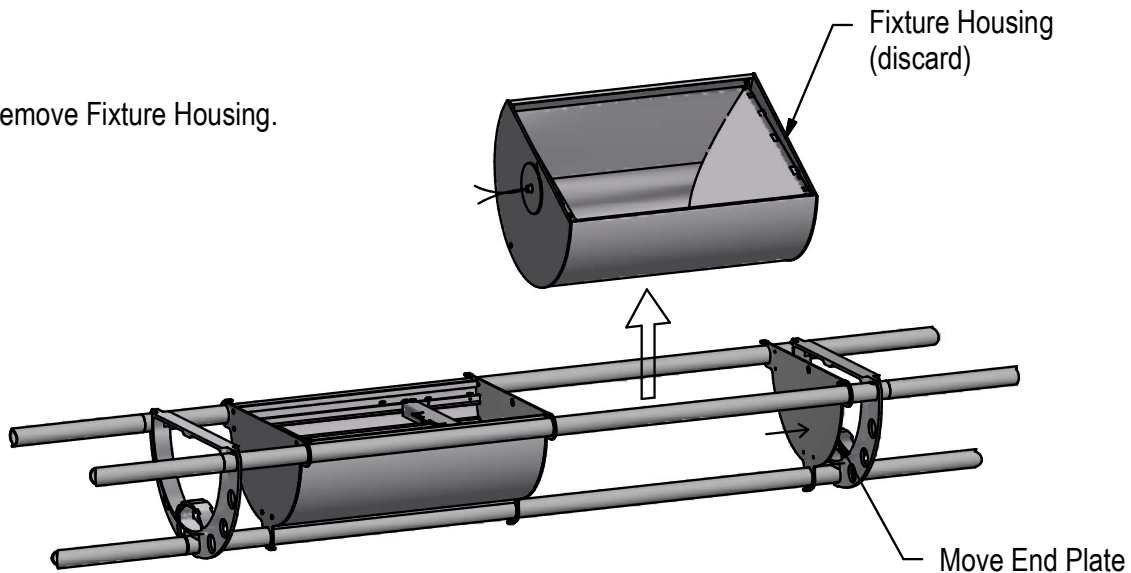
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## LIGHTRUSS LED UPGRADE - 1000W MODULE

STEP 3: Loosen Set Screws. Remove Nuts and Lock Washers.



STEP 4: Remove Fixture Housing.



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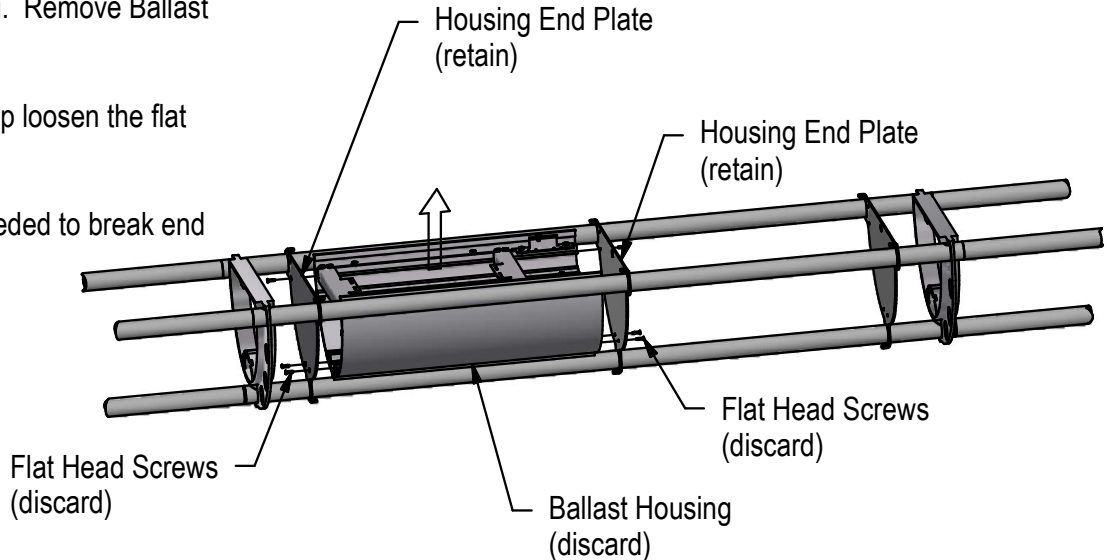
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## LIGHTRUSS LED UPGRADE - 1000W MODULE

**STEP 5 (OPTION A):** Remove Housing End Plates from Ballast Housing. Remove Ballast Housing.

**\*\*TIP:** Impact driver will help loosen the flat head screws\*\*

**\*\*TIP:** Hammer may be needed to break end plates from housing.\*\*



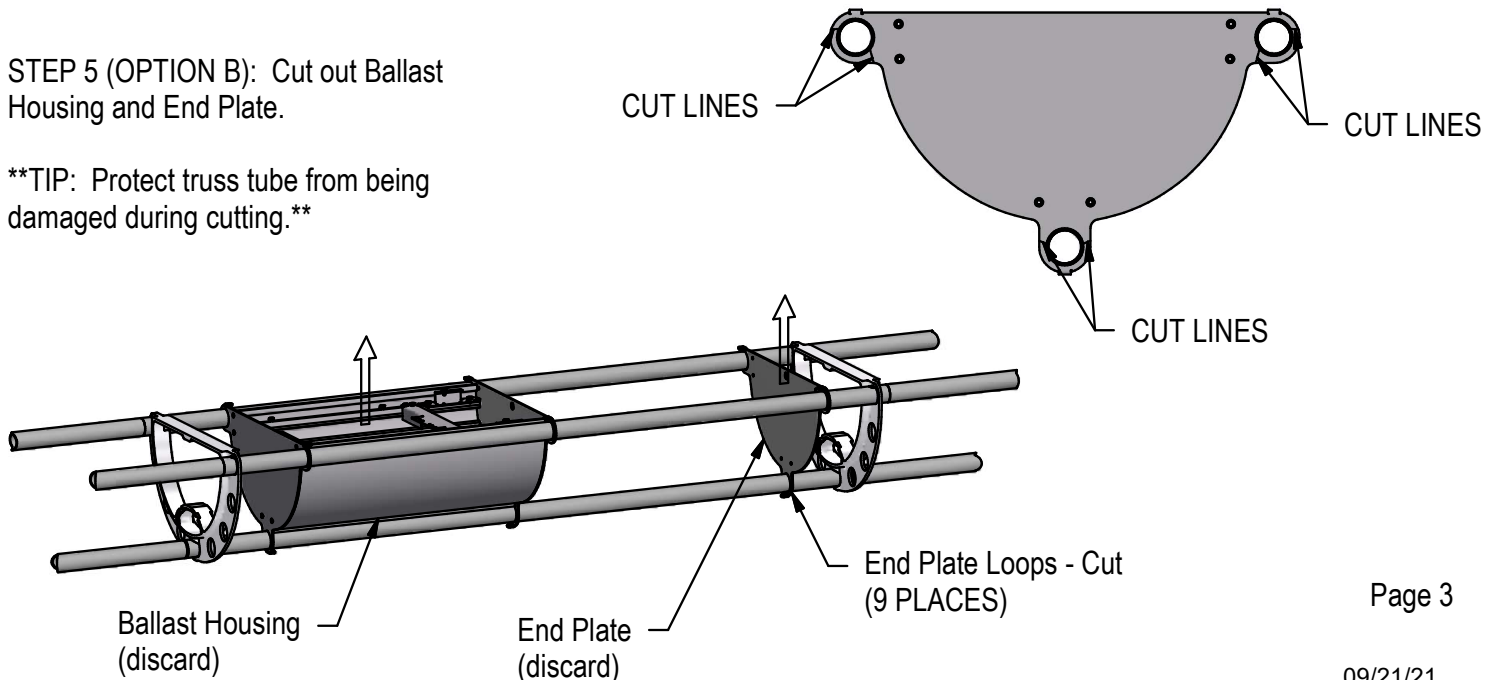
Choose between  
OPTION A or OPTION B

**OPTION A: RETAIN END PLATES (NO CUTTING)**

**OPTION B: CUT OUT OLD HOUSING AND END PLATE**

**STEP 5 (OPTION B):** Cut out Ballast Housing and End Plate.

**\*\*TIP:** Protect truss tube from being damaged during cutting.\*\*



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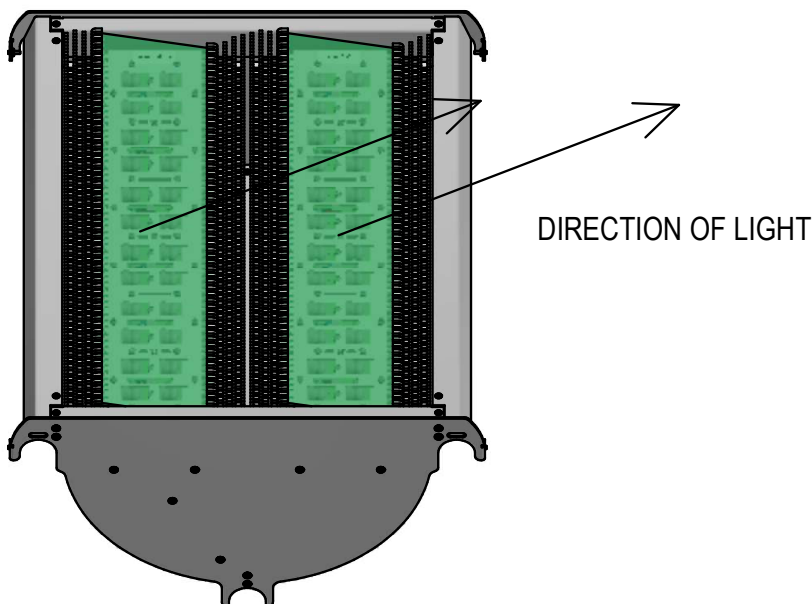
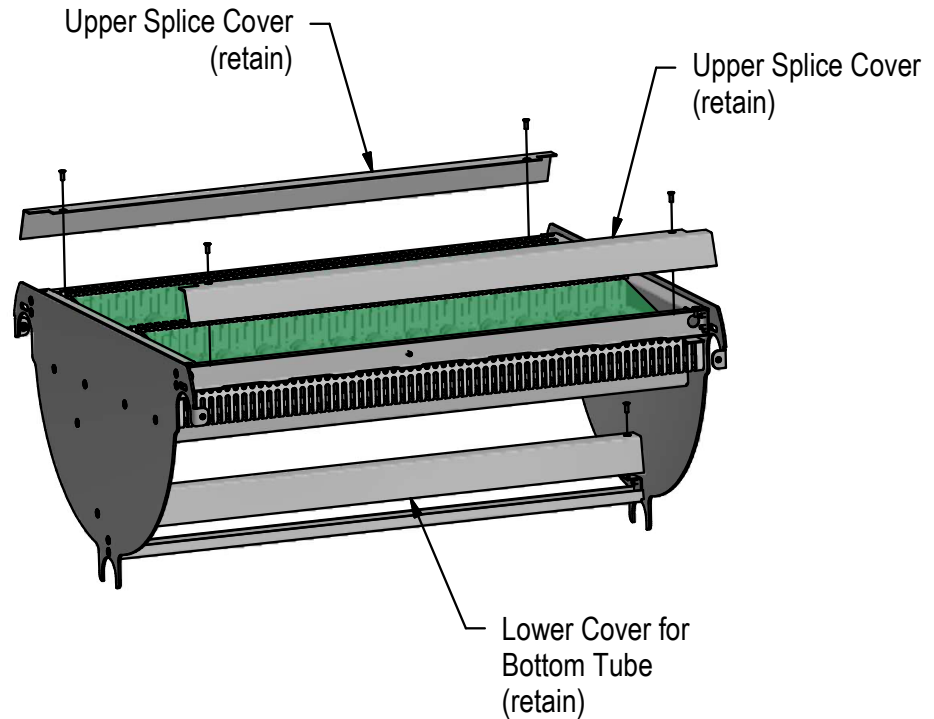
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## LIGHTRUSS LED UPGRADE - 1000W MODULE

**STEP 6 (OPTION A AND B):** Unpack LED Fixture. Remove Splice Cover for the tube with the Supply Lead Wires. For OPTION A, remove remaining Upper Splice Covers.

**\*\*TIP:** Retain Covers and Screws for completion of installation.\*\*

**\*\*TIP:** Review orientation of light fixture to determine what sides are the Top Inside Tube and the Top Outside Tube.\*\*



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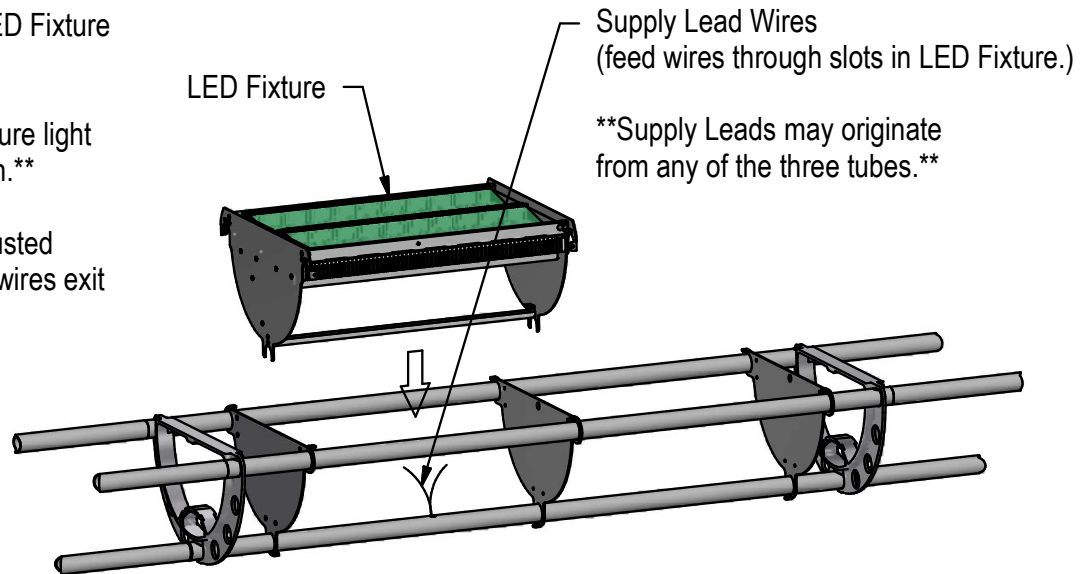
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## LIGHTRUSS LED UPGRADE - 1000W MODULE

**STEP 7 (OPTION A):** Rest new LED Fixture onto truss in desired location.

**\*\*TIP:** Make sure orientation of fixture light output is facing the correct direction.\*\*

**\*\*TIP:** Fixture location may be adjusted along truss as long as supply lead wires exit truss within fixture.\*\*



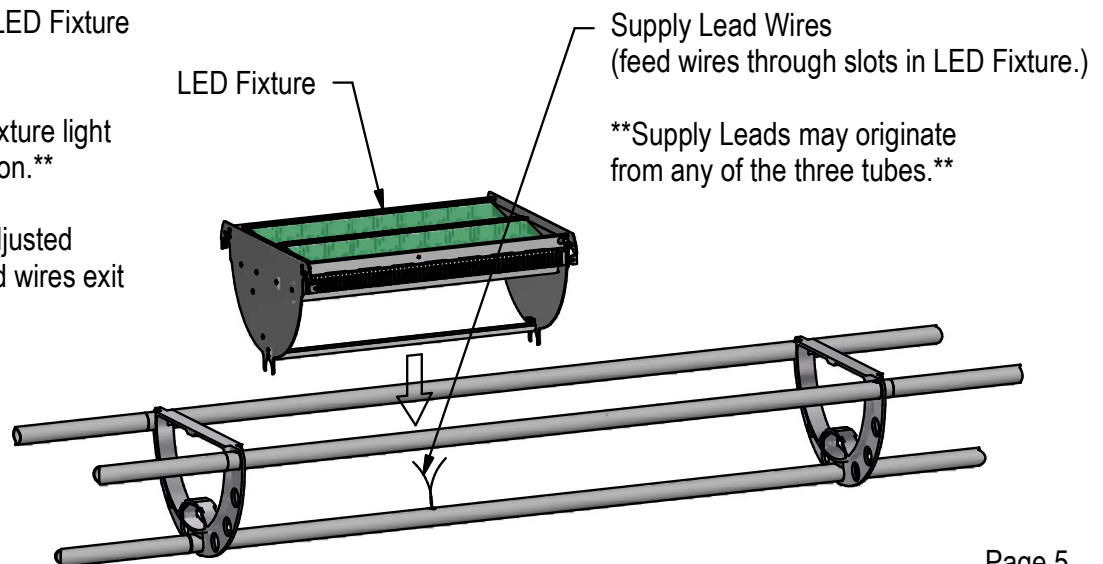
**OPTION A: RETAIN END PLATES (NO CUTTING)**

**OPTION B: CUT OUT OLD HOUSING AND END PLATE**

**STEP 7 (OPTION B):** Rest new LED Fixture onto truss in desired location.

**\*\*TIP:** Make sure orientation of fixture light output is facing the correct direction.\*\*

**\*\*TIP:** Fixture location may be adjusted along truss as long as supply lead wires exit truss within fixture.\*\*



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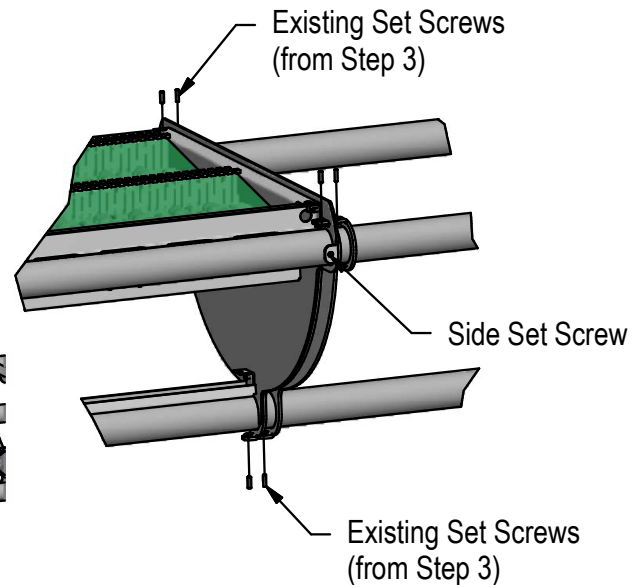
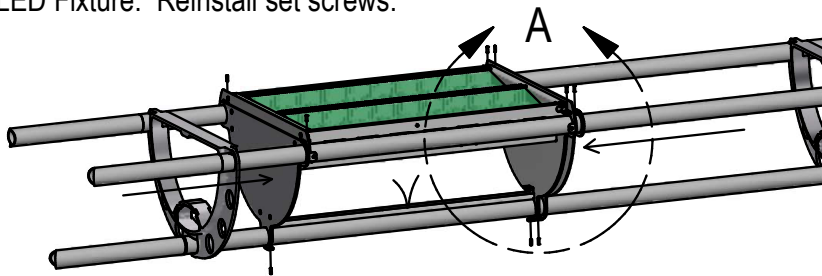
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## LIGHTRUSS LED UPGRADE - 1000W MODULE

**STEP 8 (OPTION A):** Lock LED Fixture to truss by tightening Side Set Screws. Slide old End Plates over to LED Fixture and secure with set screws.

**\*\*TIP:** Side Set Screws are used to ground the fixture. Tighten to break through paint on tube.\*\*

**\*\*TIP:** Remove top set screws to position end plates flat against LED Fixture. Reinstall set screws.\*\*

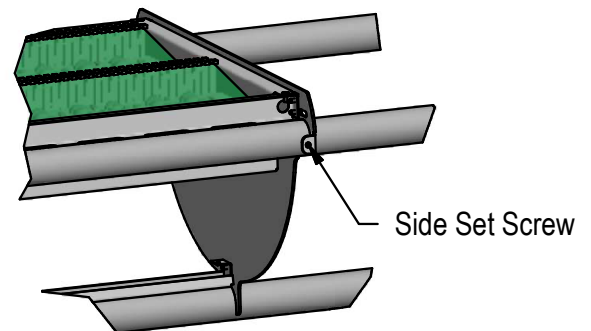
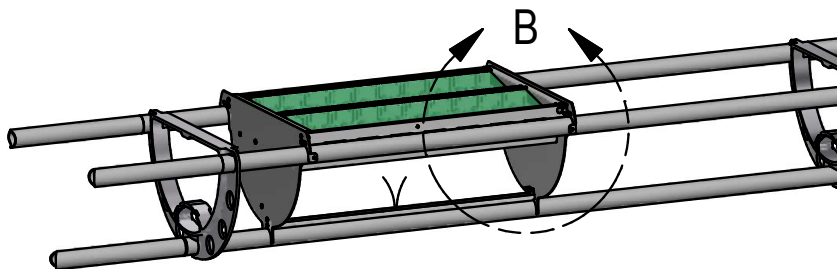


OPTION A: RETAIN END PLATES (NO CUTTING)

OPTION B: CUT OUT OLD HOUSING AND END PLATE

**STEP 8 (OPTION B):** Lock LED Fixture to truss by tightening Side Set Screws.

**\*\*TIP:** Side Set Screws are used to ground the fixture. Tighten to break through paint on tube.\*\*





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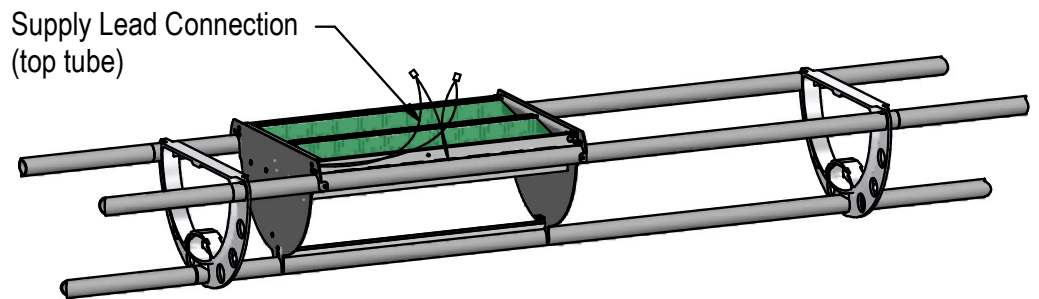
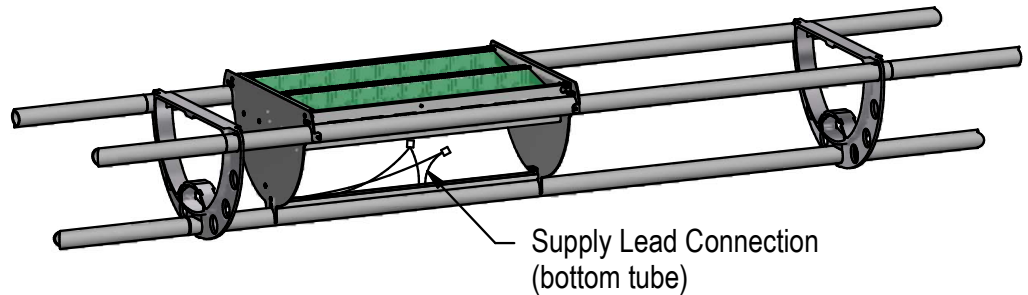
STEP 9 (OPTION A and B): Wire LED Fixture to Supply Leads.

**\*\*TIP:** Supply Leads may originate from any of the three tubes.\*\*

LIGHTRUSS WIRE COLORS  
Typical System, May Vary

( 120V-277V )  
BLACK / WHITE  
BLUE / GRAY  
RED (EM)

( 480V )  
ORANGE / BROWN  
BLACK / RED



STEP 10 (OPTION A and B): Replace Splice Covers.

