



# EEZRV PRODUCTS

## FIXTURE CONVERSION INSTRUCTIONS FOR FLOURESCENT TUBE TO LED TUBE

### SAFETY INSTRUCTIONS

#### IMPORTANT SAFETY INFORMATION

- Always disconnect battery or turn off the circuit breaker to any fixture before attempting to convert the fixture and installing or replacing your **EEZRV PRODUCTS** T5 or T8 tube.
- The **EEZRV PRODUCTS TUBE** is designed to be used only with 12 DC Automotive Type Power, any modifications of the unit may result in a hazard and will VOID the warranty.
- The lighting fixture in which you are installing the **EEZRV PRODUCTS TUBE** must be installed in accordance with all state and national codes.
- Do not attempt to open the **EEZRV PRODUCTS TUBE** housing as there are no serviceable parts inside and doing so WILL VOID the warranty.
- Read all of the installation instructions before installing the **EEZRV PRODUCTS TUBE**.

### FIXTURE CONVERSION INSTRUCTIONS FOR THE EEZRV PRODUCTS T5 AND T8 TUBES

1. *Figure 1* depicts a typical 12 volt fluorescent fixture. With the 12 volt power disconnected or circuit breaker turned off, remove the fixture diffuser (cover).

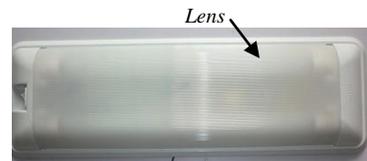


Figure 1 - Typical 12 Volt Fluorescent Tube Fixture

2. With the lens removed, locate and remove the Fluorescent fixtures' **Ballast Cover**, *Figure 2*.



Figure 2 - Fluorescent Tube Fixture with Diffuser Removed

3. With the lens & ballast cover removed, locate the Fluorescent fixtures' **Ballast**, *Figure 3*.

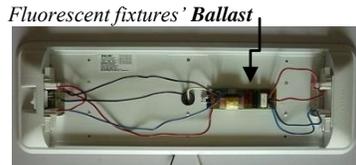


Figure 3 - Fluorescent Tube Fixture with Ballast Cover Removed

4. Next, find the Positive (+) and the Negative (-) wires, *Figure 4*.  
On the switch side, locate the terminals (sockets) where the tube goes into.

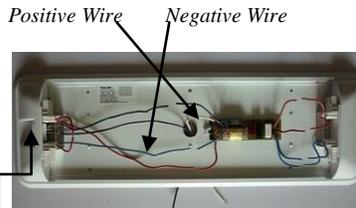


Figure 4 - Fluorescent Tube Fixture showing **Input Positive (+) Power and Negative (-) wires**

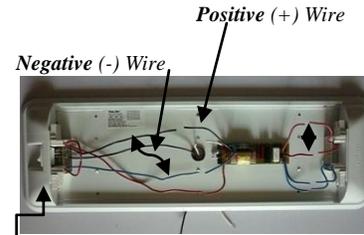
- Cut the white (+) wire going to Ballast. (Color may vary depending on your fixture)
- Cut the black (-) wire from the switch to the ballast. (Color may vary depending on your fixture)
- Cut and then connect one wire from each terminal to the white (+) wire.
- Cut and then connect the other wire from each terminal to the black (-) wire.
- Use wire screws to securely fasten these wires together.

On the other side of the Ballast there are 4 wires, cut them all (colors may vary based on your fixture) put all 4 wires aside as they are not used.

**Hint:** The Positive (+) and Negative (-) wires will, in most cases, enter the fixture through the access hole. One wire will be attached to the Ballast Board, and the other will be attached to the Off/On Switch.

NOTE: When stripping wire ends do not pull wires with excessive force. Using excessive force with a wire stripping tool or cutters may cause the wire to pull out of the terminal and will render the fixture inoperable.

**Important Note: Do not allow the wires to rest against, or contact any sharp edges.**



**Switch**  
Figure 5 - Fluorescent Tube Fixture Showing (+) & (-) Wires, as well as Switch (if unit is so equipped)

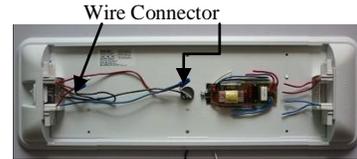


Figure 6 - Fluorescent Tube Fixture Showing (+) & (-) Wires, as well as Switch (if unit is so equipped)

6. After connecting the wiring connections in step 5 above, replace the **Ballast Cover**.



Figure 7 - Fluorescent Tube Fixture Showing (+) & (-) Wires, as well as Switch (if unit is so equipped)

The ends of the **EEZRV PRODUCTS TUBE** can be rotated as shown in *Figure 8*. This feature allows you to direct the light array to your preference. This feature also allows the end pins to lock into place, ensuring a proper fit into the fixture.

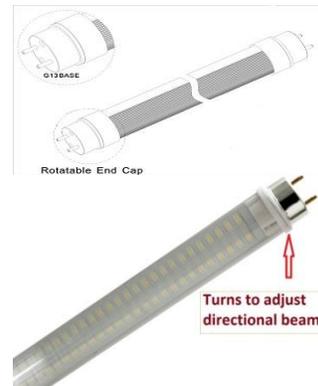


Figure 8 - Fluorescent Tube Showing Rotating End Caps

## WARRANTY

This product is warranted free from defects in material and workmanship for a period of one year. If a defect in material or workmanship occurs, call 1-510-910-5397 for instructions on how to have the defective product repaired, or replaced, free of charge.

## LIMITATIONS

- This warranty is extended only to the original purchaser of the product.
- Unauthorized service to, or modification of this product will void the warranty in its entirety.
- A purchase receipt or other approved proof of purchase is required before warranty service is rendered.
- This warranty is expressly in lieu of all other warranties, expressed or implied, including any warranty, representation or condition of merchantability or that the products are fit for any particular purpose or use, and specifically in lieu of all special, indirect, incidental, or consequential damages, including but not limited to, any loss arising out of any breach of this warranty, as allowed by your state of domicile.
- This warranty gives you specific rights, and you may also have other rights that vary from state to state.

## NOT COVERED

- Failure of the product as a result of an accident, abuse, negligence, alteration, or faulty installation, or any other failure not relating to faulty material or workmanship.
- Reimbursement for inconvenience, installation, setup, time, loss of use, postage or unauthorized service

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