

Installation Guide for T5/T8 Replacement Bulb

The instructions can also be viewed online at www.nextwaveled.com

Important Safety instructions:

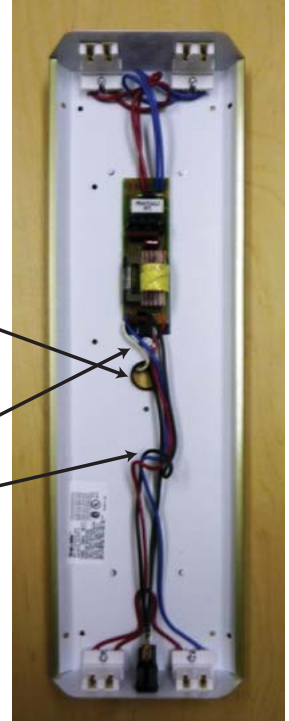
- Disconnect the battery before starting the installation.
- The T5/T8 RV replacement lamp is designed to operate with a 12 volt DC automotive type power source. THIS LAMP WILL NOT OPERATE IN A STANDARD 120 VOLT AC FIXTURE WHICH MAY RESULT IN A HAZARDOUS CONDITION.
- The pins on both ends of the fixture have no function other than mounting purposes. Unlike a traditional fluorescent lamp the power connection is through the wire connector at the back of the lamp and not through the pins on each end.
- LED lighting requires the positive(+) and negative (-) power supply leads be connected correctly. If the leads are reversed, the lamp will not operate and the power leads must be reversed. Reversing the + and - power leads will not damage the lamp.
- Read all of the installation instructions before beginning the installation procedure.

STEP 1: Remove Covers and Lamps

1. Remove plastic outer cover
2. Remove both T5/T8 lamps
3. Remove the metal ballast and wiring cover

The ballast and lamp wiring is exposed showing the 12 volt power supply wiring entering the fixture through the center hole.

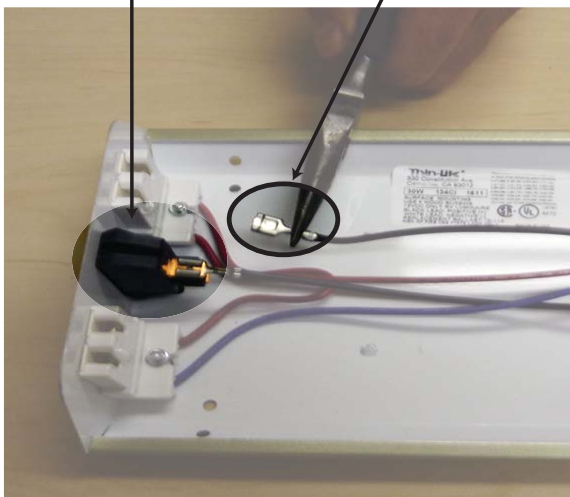
In most fixtures the white wire is negative (-) & black wire is positive (+)



STEP 2: Remove lower switch connector

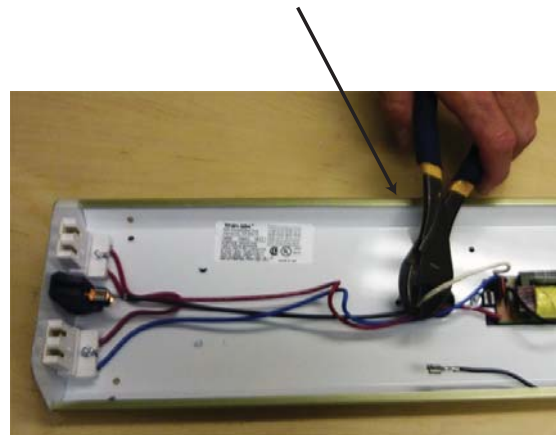
There are 2 black wire terminals connectors attached to the fixture switch. One connects directly to the ballast and the other connects to the 12V power source.

Disconnect the terminal (at the switch) that is attached to the ballast.



STEP 3: Cut the negative white lead

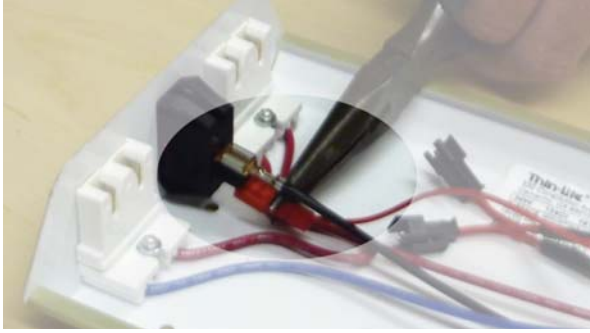
Using a pair of wire cutters, cut and strip the negative white lead.



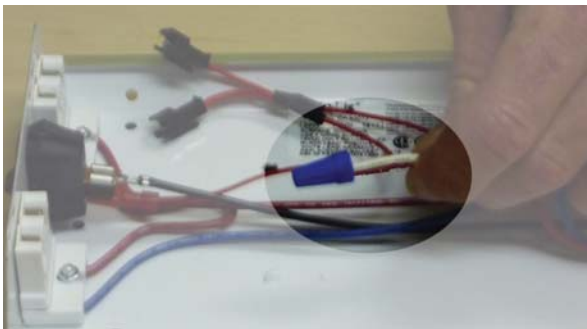
NOTE: It is not necessary to remove the ballast or wiring to the pin holders. These items are no longer connected to the power supply and are no longer functional.

STEP 4: Connect the LED leads

Attach the terminal from the wire harness to the switch.



Use a wire nut to connect the stripped wire to the white wire on the harness.



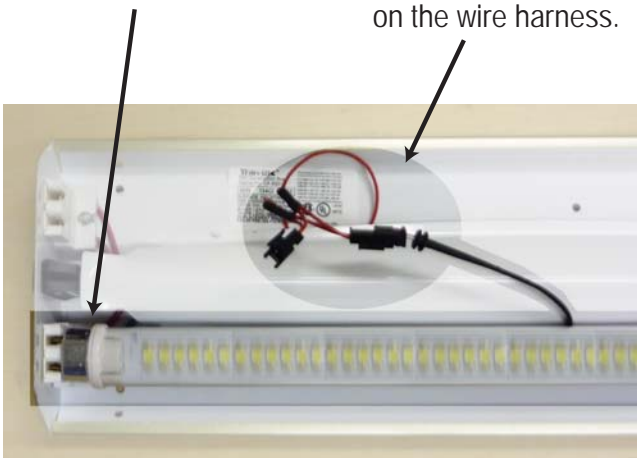
NOTE: If the fixture does not have an on/off switch, cut off the connector from the wire harness and strip the wire. Cut and strip the black (+) power supply wire and connect the wire to the harness with a wire nut.



STEP 5: Insert bulb and connect leads

Insert the T5/T8 lamp into the fixture by snapping it into the pin holder.

Connect the quick connector on the lamp to the matching quick connect on the wire harness.



Repeat the process for a second lamp.

STEP 6: Reassemble Fixture



NOTE: If the fixture only contains a single lamp, the second quick connect on the harness will remain unused.

Each harness can handle up to 2 lamps. Harness included with second lamp is not needed and can be discarded.

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