

12-Volt Light Replacement

Do-it-Your-Self Instructions



Parts

12-volt light fixture
 48-inch single bulb – (16150031)
 36-inch single bulb – (16150018)
 30-inch single bulb – (16150030)
 18-inch single bulb – (16150029)
 18-inch dual bulb – (16150008)

Tools

Cordless drill
 Square drive
 Wire cutters
 Wire strippers
 2 – butt connectors



Fig. 1

WARNING: Please read the instructions first and use the electrical diagram before starting the installation process.

Failure to follow these diagrams or the instructions may cause damage to the new light fixture ballast.

Step 1:

Turn off the 12-volt switch at the control panel console to all overhead lights before cutting any wires. Remove lens cover by carefully squeezing together and pulling downward. *Fig. 1*

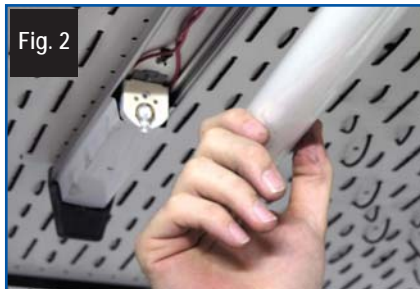


Fig. 2

Step 2:

Remove bulb(s) by turning bulb half-a-turn until pegs are lined up with slots and pull one side down at a time. *Fig. 2*



Fig. 3

Step 3:

Remove ballast cover *Fig. 3* and gently pull down power wires.

Note: remember which color coded wires are attached

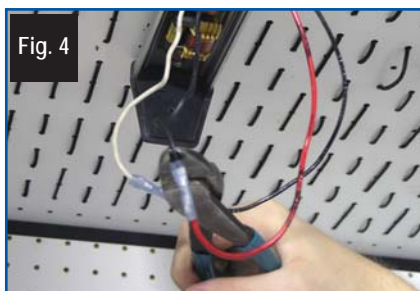


Fig. 4

Step 4:

Carefully remove all butt connectors using wire cutters (not supplied).

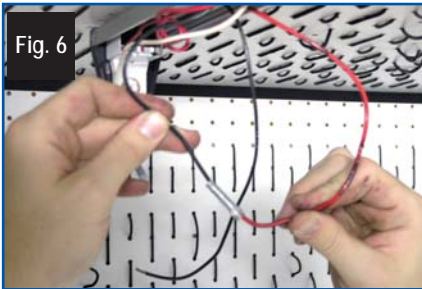
Fig. 4

Proceed to Step 5 on back page



Step 5:

Remove the old fixture from the ceiling/wall by holding it with one hand and with your cordless drill remove the three square drive screws. *Fig 5* (Save screws and set aside)



Step 6:

Prepare your new light fixture for installation by removing the lens cover, bulb, and ballast cover/s and position fixture on ceiling.

Pull existing ceiling/wall wires through the hole in fixture and install fixture (using the screws from the old fixture). *Fig. 5 Note: make sure the new fixture is positioned straight along the same axis as the old fixture.*



Step 7:

Using same color butt connectors (not supplied), crimp wires together for correct connections. *Fig. 6 Note: For shelf lights; black from wall to white on ballast, white from wall to black on ballast*

Step 8:

Gently push the wires up into the hole as far as possible. *Fig. 7* Follow the reverse of steps 1 – 3 to install covers and bulb.

Note: Once the bulb(s) are reinstalled in the new fixture, take the lens cover, position it properly on the fixture and run your fingers along cover from left to right until seated properly.

