

HALO L630 2C 2N POWER TRAC INSTALLATION INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

When installing or using this track system, basic safety precautions should always be followed, including the following:

1. Read all of these instructions before installing the track system.
2. Save these instructions and refer to them when additions to or changes in the track configuration are made.
3. Do not install this track in damp or wet locations.
4. Do not install any part of a track system less than 5 feet above the floor.
5. Do not install any fixture assembly closer than 6 inches from any curtain or similar combustible material.
6. Disconnect electrical power before adding to or changing the configuration of the track.
7. Do not attempt to energize anything other than track lighting fixtures on the track. To reduce the risk of fire and electric shock, do not attempt to connect power tools, extension cords, appliances and the like to the track.

8. **CAUTION:** This track system is not intended for use with power supply cord or convenience receptacle adapter.

9. **CAUTION:** To reduce the risk of fire and electric shock, use only fixture assemblies marked for use with Halo track and track fittings marked for use with L630 Series track.

10. The track system is to be supplied by one or two 480V/277V 60Hz single phase 3-wire system with a grounded neutral.

11. The mounting clips, screws or stems are to be mounted in pre-drilled holes as follows:

4' Track - two places - one at each end of track

8' Track - Three places - one in the center and each end of the track

12' Track - four places - one at each end of track and 4 feet from each end

If track requires field cutting, refer to field cutting instructions

12. **CAUTION:** The maximum capacity of L630 Track is 40A per circuit. When installing, do not exceed the capacity of your circuits. Check fuses and circuits carefully before installing.

SAVE THESE INSTRUCTIONS

INSTALLATION OF TRACK TO AN OUTLET BOX

Step 1. Punch out proper knockout holes in ceiling plate for mounting to outlet box and to live end fitting (note that special smooth plastic finish piece on metal ceiling plate requires caution in deterring location of proper knockout before making holes). Remove flat head screw(s) from back of live end fitting and use to fasten plate to fitting.

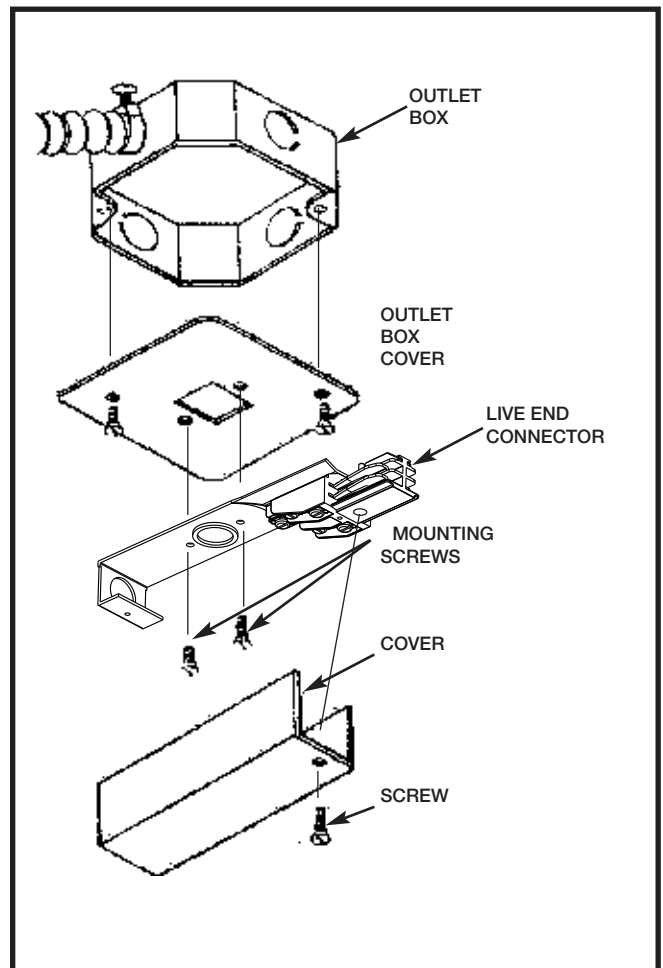
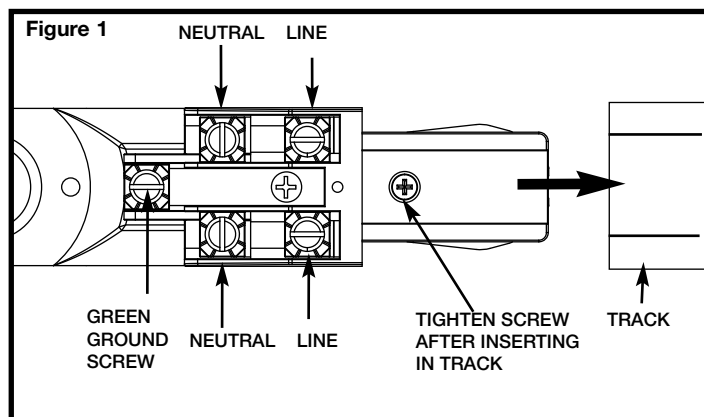
Step 2. Remove cover from live end fitting. Place track with ceiling plate attached over outlet box and mark on ceiling or wall the position of the track mounting holes.

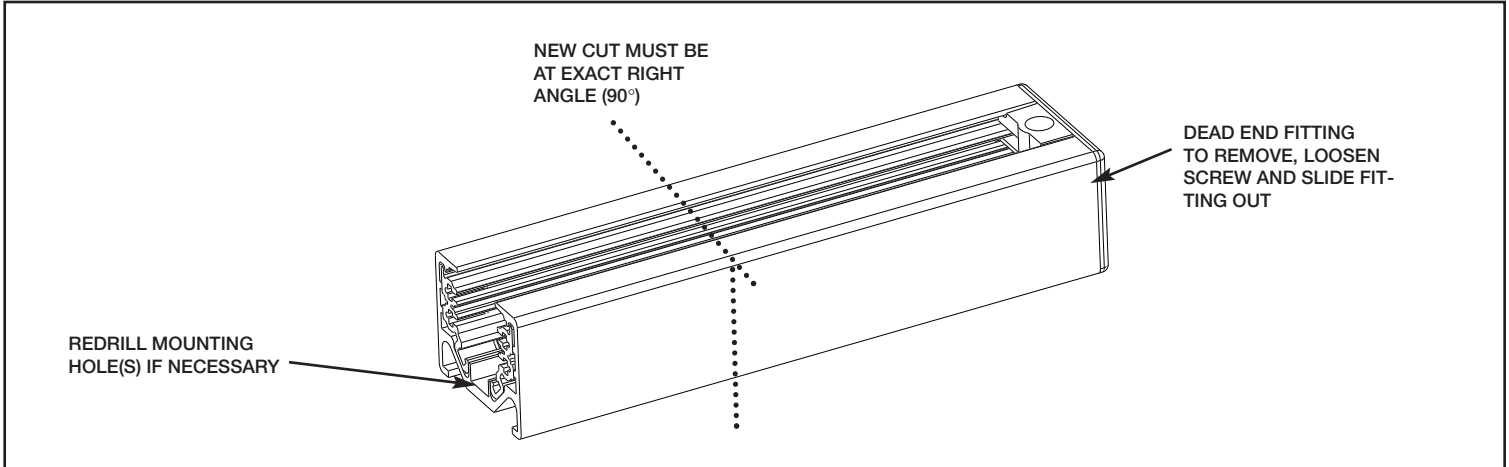
Step 3. Drill mounting holes large enough for toggles and install track with furnished toggle bolts. If track is to be mounted on a solid surface, use #8 screws (not supplied) instead of toggle bolts.

Step 4. Fasten ceiling plate to outlet box with two screws. Pull wires from box through open hole in live end as shown.

Step 5. Cut and strip wires from box and fasten to screw terminals in live end fitting (see detail). Push excess wire back into outlet box.

Step 6. Replace cover on live end and tighten screw.





FIELD CUTTING TRACK TO SPECIAL LENGTHS

NOTE: Cutting should be done preferably from the dead end of the track.

Step 1. Remove dead end fitting and pull copper bus bars and insulators flush or even with one end of the track.

Step 2. With hacksaw, cut the flush end (the side with insulators and bus bars even to end) to desired length. Be sure to allow 1/8" for dead end fitting which must be reinstalled to the track end.

Step 3. Remove all burrs from the track, insulators and copper bus bars.

Step 4. Push copper bus bars back into the insulators 3/8" from the end of the insulators.
NOTE: After you complete Step 4, bus bar insulators should be a minimum of 3/8" and a maximum of 1/2" from each end of the insulator. If this is not the case, make appropriate modifications.

Step 5. Reinstall the dead end and/or appropriate feed connector and tighten the screw.

CAUTION: After track has been field cut, make certain that each length of track that is 4 feet or less in length has one

mounting opening spaced a maximum of 6 inches from each track end section. A single section of track that is greater than 4 feet in length must have mounting openings a maximum of 12 inches from each end of the track with additional openings a minimum of every 4 feet long the length of the track section. Additional openings may be provided as needed.

If additional mounting holes are required, follow this procedure:

Step 1. Locate desired mounting hole(s) on the inside of the track section along the center line.

Step 2. Using 3/16" diameter drill bit, drill hole through the track channel.

Caution: Take care that you do not damage the bus bar insulators during the drilling operation. If you accidentally damage any insulators, discard the track section. **DO NOT ATTEMPT TO USE IT IN THE INSTALLATION.**

Step 3. Remove all burrs and install track as described above.

Additional Connectors Available

NOTE: The T and X Connectors wiring patterns can be easily changed in the field by shifting jumping positions or eliminating wires. Several circuits can be fed through any connector by removing two or more of the jumper wires and replacing them with feed wires. Separate instruction sheets are packed with each connector.

