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BEH032 TRACK WIRE HARNESS INSTALLATION INSTRUCTIONS

It is recommended to consult the manufacturer's service manual and/or technical publications before servicing equipment.

IMPORTANT: Two service technicians should be used for the removal and installation of the Trolley, Light Arm and Head Assembly.

1. Disconnect power from the light. Turn off the circuit breaker that controls the power to the Track Light Assembly. (**Service Tip:** Tag the circuit breaker with a warning that it should not be turned on while servicing the light.)
2. Remove the End Cap opposite the transformer from the Track Assembly and remove the two Rubber Bumpers. Supporting the Light Arm and Light Head, pull the Trolley Assembly to the open end of the track. Confirming that the power is off, and again making sure the Light Arm and Light Head are supported, pull the Trolley half way out of the Track Assembly. Disconnect the Light Arm Wire Harness Connector inside the Trolley. With the Light Arm Wire Harness now free, pull the Trolley the rest of the way out of the Track Assembly and lower it to the ground securing it in a safe location. (See Figure 1.)
3. Remove the bottom cover of the Track Assembly to expose the Track Wire Harness. Unplug the Track Wire Harness at the Transformer. Note the proper wiring of the connector and then remove the wires from the connector by using a pin removal tool or cutting off the old connector. Pull the loose end of the Track

Wire Harness through the retainer clamp and the plastic wire clips, then around the pulley and back towards the Transformer end. Once removed from the last plastic wire clip, discard the old Track Wire Harness Assembly. (See Figure 1.)

4. Take the new Track Wire Harness (RPI Part #BEH032) and pull the leads without the connector – starting at the pulley through the plastic wire clips and the retainer clamp and to the Transformer. Connect the Track Wire Harness at the Transformer by assembling the loose leads into the connector provided – see Figure 2 for proper wiring configuration. Remove as much slack from the Track Wire Harness as possible by pulling the slack from the Transformer side around the pulley and back to the end where the Transformer is located. (See Figure 1.)
5. Reinstall the bottom cover of the Track Assembly.
6. Before reinstalling the Trolley, Light Arm and Light Head, support the Light Arm and Light Head, and place the Trolley halfway into the Track Assembly. Reconnect the Light Arm Wire Harness and insert the Trolley into the Track Assembly. Reinstall the two Rubber Bumpers and run the Trolley back and forth to make sure that there is free movement and full travel. Reinstall the End Cap.
7. Remove the circuit breaker “warning” tag and restore power to the light. Check all functions and movement of the Track Light.

FIGURE 2

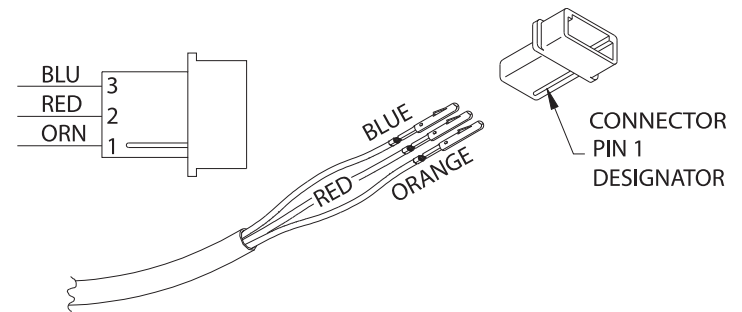


FIGURE 1 – INTERNAL VIEW OF THE TRACK WITH COVERS REMOVED

