

## Light Kit Installation: New Concrete Mixer (T) Frame

- 1) Open light kit and remove extra wire harness that connects to vehicle, and set it aside.
- 2) Locate the connector on the main wire harness and cut the **WHITE** wire on it to a length of 16".
- 3) Cut a separate piece of wire to approximately 9". (Side marker wire)

4) Cut a separate **GROUND WIRE** to 36".

5) Make a small hook from stiff wire.

6) Make a larger, longer hook from stiff wire or use any available tool.



7) Drill a small hole or 2 under the spine of the frame.  
(To drain any water that collects in the frame)



8) Drill a hole 6 1/2" up from the hitch pipe, on the front leg.



9) Drill a hole inside the front post, as close to the front of the post as possible.



10) 2 feet up, and 1-5/16" in from the base of the mixer (You can make a template with a hole in it for a felt marker) drill a hole for the side marker light.

11) Insert the side marker to the frame, and make another mark where the light's wire should go through the frame.



12) Remove side marker light and drill the marker light hole.



13) Install side marker lights.



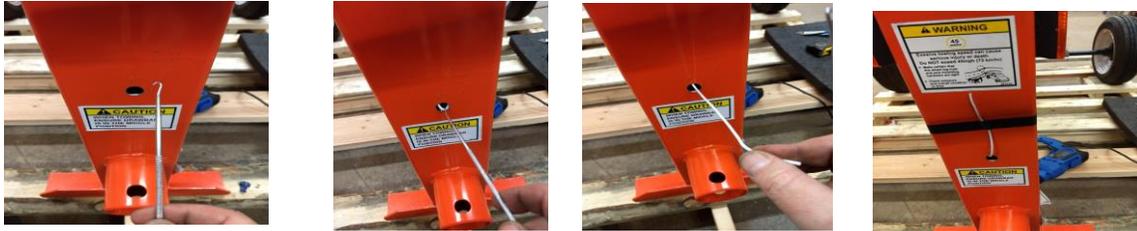
14) Take a file and clean burrs from front post hole.



15) Attach extra wire (9-inch wire) to BOTH side marker wires, and push the end of the wire through the hole inside the front post.



16) Take your small hook and fish wire through the front of the frame, and tape the wire to the frame.



17) Attach the ground wire (36-inch wire) to either post of one of the side marker lights, and run the wire and hook it the same way as the marker wire.



**\*\*These 2 wires must be done before main wires are pushed through the frame\*\***

18) Take the main wire harness ends and tape them together.

19) Push the wires into the front hole in the frame.



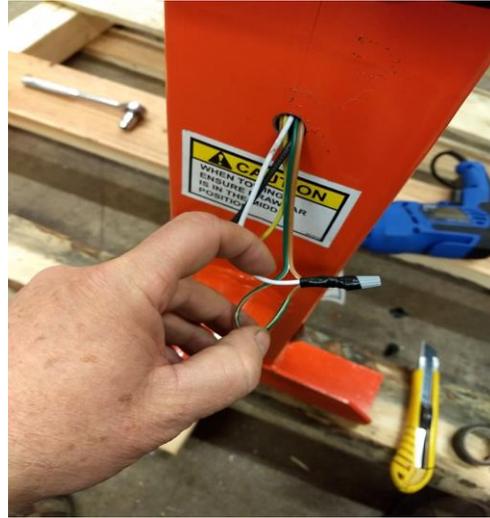
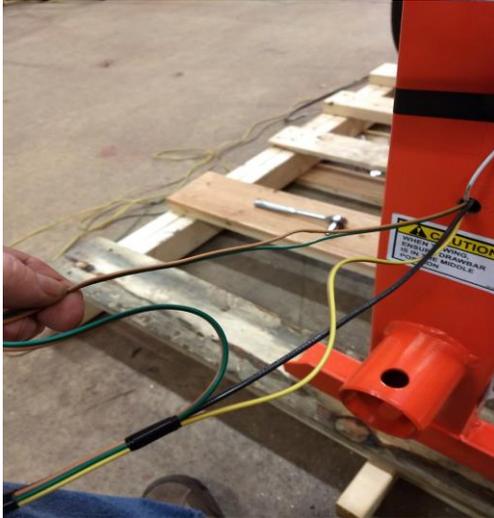
20) Use the LONG hook tool to reach into the spine of the frame, and pull the wires out the back of the mixer.



21) Connect ground wire to 16" wire on the main harness and tape the connection. When you pull the wires out the front of the mixer, it should stop at approximately 40-42" from the connector to the frame of the mixer.

22) Pull the GREEN/BROWN wires out the front hole about 3-4". Separate the wires and cut the BROWN wire.

23) Attach the side marker wire to the BROWN wires and tape connection.



24) Push wires back into the front hole of the post and tape wires together every 2-3" from connector to the front post.



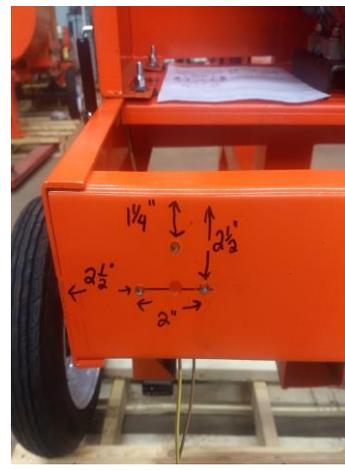
25) File burrs from opening of the spine, on the rear of the mixer.



26) Run all wires up and around to the rear of the frame, where the tail lights will be mounted.



27) Drill holes on rear of frame as indicated, on both sides of frame.



28) DO NOT ship mixer with lights installed on rear frame. For shipping, mount the lights inside the hood, along with license plate bracket and the extra wire harness that attaches to the vehicle.

