

Touch Sensor Lighted Cupholder with Power Recline and Power Head Rest

Operating and Trouble Shooting Guide



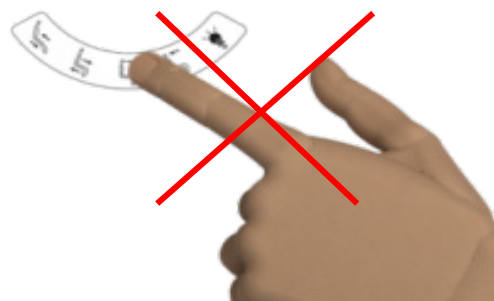
Operating and Set Up Guide

Proper User Operation

If the performance of the power recline function is choppy or inconsistent, be sure to accurately press each button during use. For the cup holder to operate correctly, only one button can be pressed at a time. Pressing two buttons simultaneously will interfere with cup operation (do not bridge the buttons). For better performance, press the buttons with the pad of your finger and not the tip. See Diagram:



CORRECT



INCORRECT

Checking For Proper Setup and Connections

If none of the functions on the cup are responding and none of the lights are working then there may be a loose connection in the system. Check the following:

- 1) Is the light indicator on the switching power supply on? If not, replace the power supply.



- 2) Is the connection between the power supply and the actuator motor firmly connected together with no gaps between the plugs? (See Diagram on Page 5)
- 3) Is the 5-Pin connector from the in-line junction firmly seated with a solid connection into the actuator motor? (See Diagram on Page 5)

Cupholder System Components:

**Cup holder and
in-line junction
connected**



Cup holder



**In-line
Junction**

4. In most cases when a cupholder malfunctions, **ONLY** the in-line junction will require replacement. (see page 4)

Replacing the in-line junction:

- Disconnect 5 pin connector from actuator
- Disconnect connector to light source (if applicable)
- Disconnect two connectors running to the cup holder
- Remove in-line junction
- Install new in-line junction
- Connect two connectors running to cupholder
- Seat 5 pin connector in actuator
- Connect light source (if applicable)

Customer Service Contact Information

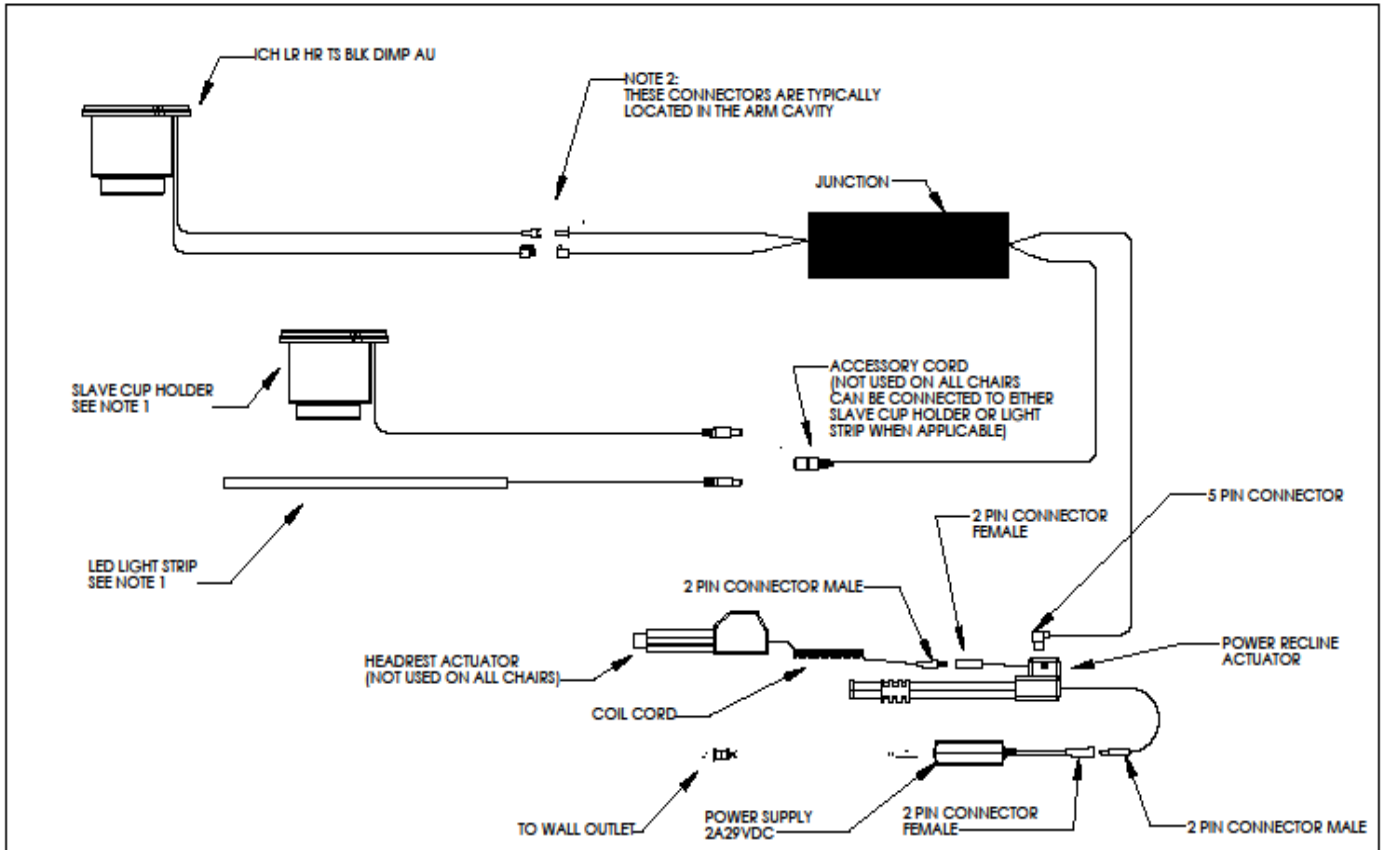
For additional assistance and technical questions contact Raffel Systems customer service at:

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Email: customerservice@raffel.com

Component Trouble Shooting Guide

Symptom	Corrective Action
<p>Cupholder responds to touch but does not activate corresponding function.</p> <p>(Example: Recline button is touched and the button light turns bright but chair does not recline.)</p>	<p>1) Check all connections to make sure they are secure.</p> <p>2) Replace inline junction.</p>
<p>Cupholder light ring is on and will not turn off when light button is touched.</p>	<p>1) Check to ensure the 2-pin plug is firmly connected between the cupholder and junction.</p> <p>2) Replace inline junction.</p>
<p>A head rest button is touched but the power recline function operates OR a power recline button is touched but the head rest function operates.</p>	<p>1) Check to ensure all connections are secure and the power source is properly connected.</p> <p>2) Replace inline junction.</p>
<p>Intermittent operation of cupholder functions.</p> <p>(Example: Chair will recline but will not close or closes intermittently.)</p>	<p>1) Check all connections to make sure they are secure.</p> <p>2) Replace cupholder.</p>
<p>Light button is touched and responds properly (e.g., illuminates bright), but the light ring in the base of the cupholder does not turn on.</p>	<p>1) Check to ensure the 2-pin plug is firmly connected between the cupholder and junction.</p> <p>2) Replace cupholder.</p>
<p>One or more cupholder keys are not illuminated.</p>	<p>1) Check to ensure all connections are secure and the power source is properly connected. If power supply is not illuminated, replace power supply.</p> <p>2) Replace cupholder if power supply is illuminated.</p>
<p>No keys on the cupholder are backlit or illuminated.</p>	<p>1) Check to ensure all connections are secure and the power supply green light is illuminated.</p> <p>2) Replace power supply if green light is not illuminated.</p>



NOTE 1:
CONNECTS TO ACCESSORY CORD WHEN APPLICABLE

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RAFFEL SYSTEMS		
TITLE: ICH LR HR TS BLK DIMP AU System Diagram		
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