

# Teava Suspension - Installation Instructions

Models TEA-XX-S



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REVO.2  
12312024

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Please read all instructions prior to installation and keep for future reference!

1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
2. PRIOR TO INSTALLATION ENSURE POWER IS OFF AT FUSE BOX TO PREVENT ELECTRICAL SHOCK.
3. MORE THAN ONE PERSON IS RECOMMENDED FOR THIS INSTALLATION
4. FIXTURE SHOULD BE INSTALLED BY TWO PEOPLE.

**1**

**1.1**

**Note:** Prior to installation all 24VDC wires must be present in junction box. Refer to the power supply installation instruction for additional information.

**Note:** More than one person is recommended for this installation.

**1.1** Align one standoff hub to the junction box & measure the distance from standoff hub to the other hub. Then mark this location to the ceiling, if over 72" an additional support will be included that would also need a mark. Also marks will be necessary if using more than one fixture. Use canopy detail to sighting off center standoff hub. If connecting multiple fixtures together reference step 7.

**2**

**2.2**

**2.3**

**2.1** On the marked location(s), make a hole using a 13/64" drill bit.

**2.2** Insert the anchor into the hole and push completely in.

**2.3** Insert wood screw through cap & washer and then tighten to secure into the anchors.

**3**

**3.1**

**Note:** Prior to wiring the desired fixture height must be determined to cut off any un-necessary wire.

**3.1** While one person is holding the fixture, the other person can slide the coaxial cable end through the clear o-rings, thumb nut, backplate & crossbar assembly.

**3.2** Peel back the coaxial cable to expose the power wires. Connect the red (24VDC+) & black (24VDC-) power supply wires to the fixture red & black wires.

**4**

**4.1**

**4.1** Insert the wire nut connections into the junction box & align the crossbar to the junction box holes and secure using the provided two #8-32 screw.

**4.2** Slide the backplate up to the crossbar and secure by hand tightening the thumb nut into the crossbar.

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**5**

5.1 Untangle each aircraft cable and insert into the threaded post until the cable stopper.

5.2 Push on the standoff hub tab and feed the aircraft cable into the standoff hub until necessary. Release tab to secure in place. For the aircraft cable closest to the coaxial cable slide through the o-rings on the coaxial cable first.

5.3 Remove the clear protective film from the face of the lens.

**6**

6.1 Tighten each threaded post into a cap, one will be on the backplate and other(s) on the ceiling. If fixture not leveled, adjustments can be made by pushing on the standoff hub tab. Then either feed more cable into the standoff hub or pull out cable from the standoff hub and release to secure.

6.2 Cut off any extra aircraft cable from the standoff hub hole.

**7**

7.1 If joining fixtures together, insert the fixture end into the corresponding fixture. Secure by tightening the two set screw that is the closest to the fixture. Reference drawing above as reference, to join correctly.

116.00"-232.00"  
joiner @ center in addition to 2 supports

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<p><b>8</b></p>	<p><b>set screw on joiner</b></p>
<p><b>down model</b></p> <p><b>up model</b></p> <p>Fixture head rotates up to 140°, in either a up or down direction. Reference ordering code for proper model</p>	<p><b>set screw on endcap</b></p>
<p><b>8.1</b> If necessary fixture head can be slightly rotated by loosening the inside set screws (highlighted in blue, ) on the end cap if applicable using a Allen wrench. Make the necessary adjustments then re-tighten the set screws.</p>	

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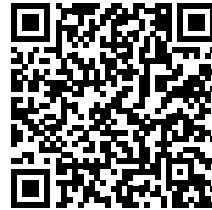
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## Power Supply Wiring Diagram

**Note:** Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.



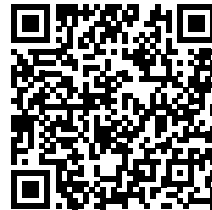
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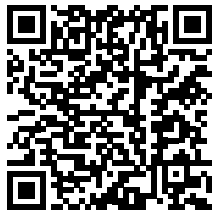
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