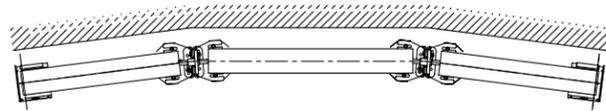


Lutron® angled coupler roller shade chassis addendum

English

Installation Instructions



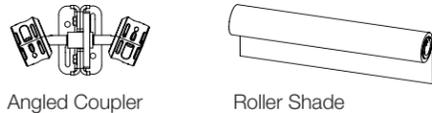
Tools required:

- | | |
|--------------------|-------------------------|
| Tape Measure | Power Drill |
| ¼" Hex Head Driver | #2 Phillips Screwdriver |
| Level | ¾ Open Ended Wrench |
| Pliers | |

The Angled Coupler Roller Shade Chassis Addendum Installation Guide is a complement to the enclosed Basic Wiring and Setup Guide. The Chassis Installation Guide describes the mechanical installation. The Basic Wiring and Setup Guide describes the wiring and setup for proper function of the roller shade.

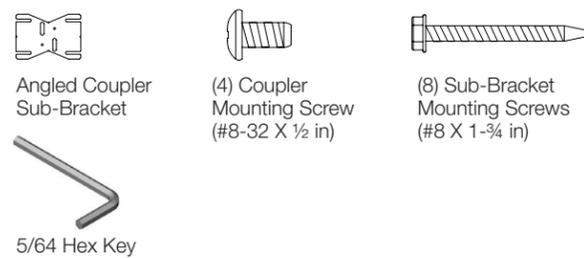
Box Contents:

Included in shade box:



Angled Coupler Roller Shade

Included in hardware box:



Angled Coupler Sub-Bracket (4) Coupler Mounting Screw (#8-32 X ½ in) (8) Sub-Bracket Mounting Screws (#8 X 1-¾ in)

5/64 Hex Key

CAUTION: Risk of falling objects. Securely install the roller shade system per the mounting instructions. Failure to do so could result in minor or moderate injury.

NOTICE: Leave protective wrapping on shade until step 7.

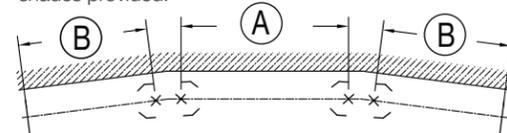
Notes:

- Lutron systems are intended for use with only Lutron hardware, controls, and power supplies.
- Codes:** Install in accordance with all local and national electrical codes.
- Environment:** Ambient operating temperature: 32 °F - 104 °F (0 °C - 40 °C), 0 - 90% humidity, non-condensing. Indoor use only.
- Maintain sufficient clearance between the moving shade and any object.



1 Locate bracket positions

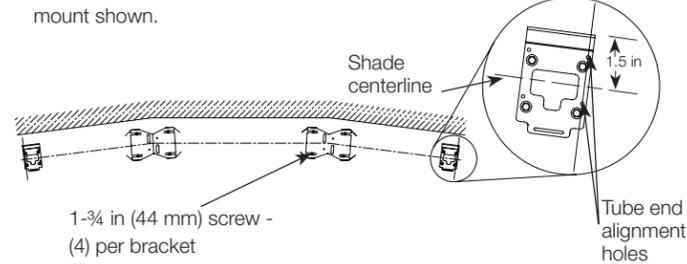
- 1.1 Locate the angled coupler sub-bracket marks on the ceiling made during the measuring process. Mark the locations of the drive end and idler end brackets as indicated below, using the measured width dimensions of the shades provided.



- (A) Measured width
(B) Measured width - 0.75 in (19 mm)

2 Mount sub-brackets

- 2.1 Mount the angled coupler sub bracket(s) at the marked locations with four 1-¾ in (44 mm) screws per bracket.
- 2.2 Align the tube end alignment holes in the drive and idler sub-brackets with the mark. Mount with the 1-¾ in (44 mm) screws provided. Refer to the Chassis Installation Guide included for your mounting type. Ceiling mount shown.

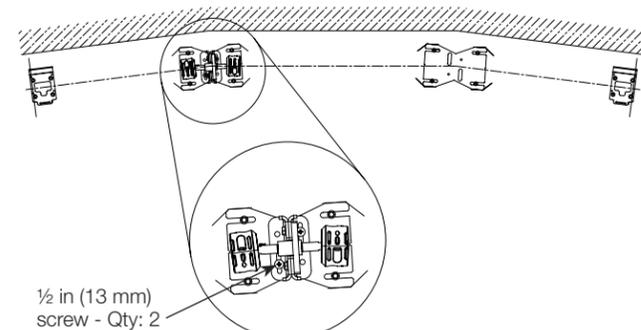


3 Mount the drive shade

(Left drive 3 panel system shown)

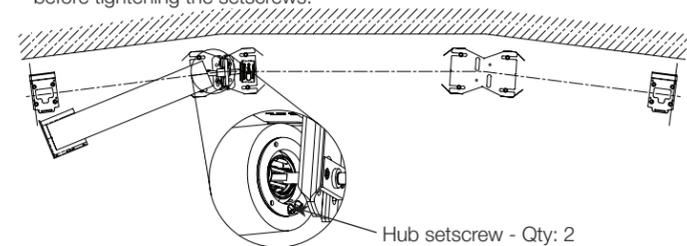
CAUTION: Risk of falling objects. Always use two people when mounting shades. Failure to do so could result in minor or moderate injury.

- 3.1 Mount the angled coupler to the angled coupler sub-bracket closest to the drive end with two ½ in (13 mm) screws.



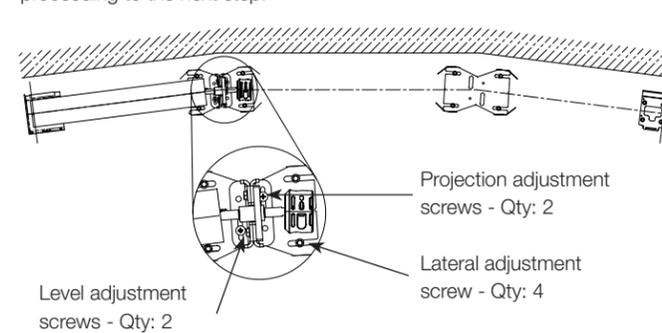
- 3.2 Slide the non-Drive end of the shade over the angled coupler hub closest to the drive end. Tighten the set screws in the tube adapter to secure the shade to the angled coupler hub.

Note: Verify the angled coupler hub is fully inserted in the tube adapter before tightening the setscrews.



3 Mount the drive shade (continued)

- 3.3 Attach the drive end bracket to the drive end sub-bracket and secure the retaining screw. Refer to the Chassis Installation Guide included for your mounting type. Ceiling mount shown.
- 3.4 Verify the shade is level and is in the desired projection and lateral position. If adjustments are required, loosen the mounting screws and position the brackets utilizing the slots in the brackets. Retighten all screws before proceeding to the next step.

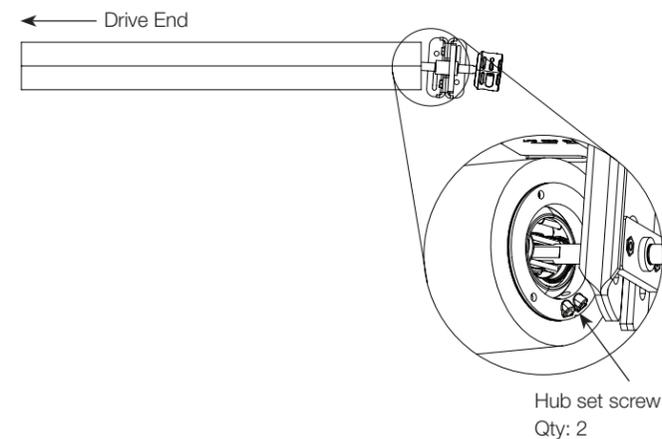


4 Mount the Center Shade

(Three shade system only - for a two shade system proceed to step 5)

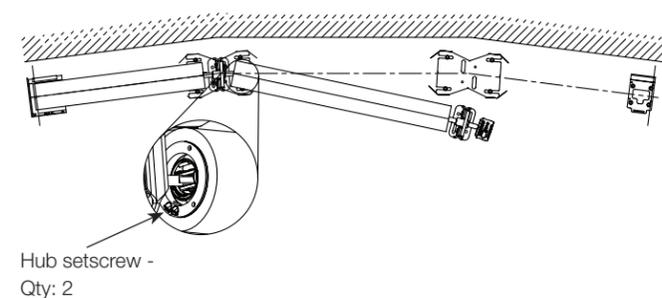
- 4.1 Insert the hub of the remaining angled coupler into the far end of the center shade (the end farthest from the drive end). Tighten the setscrews to lock the angled coupler hub in the tube.

Note: Verify the angled coupler hub is fully inserted in the tube adapter before tightening the setscrews.



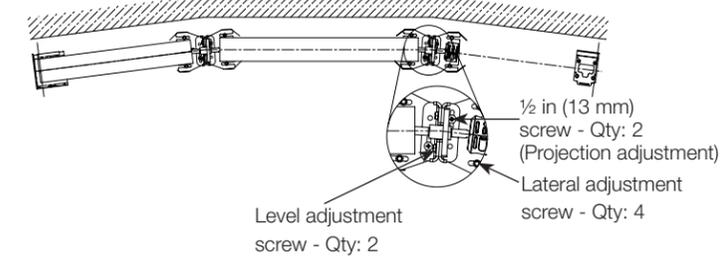
- 4.2 Slide the other end of the shade over the remaining hub of the first angled coupler. Tighten the setscrews in the tube adapter to secure the end of the shade to the angled coupler hub.

Note: Verify the angled coupler hub is fully inserted in the tube adapter before tightening the setscrews.



4 Mount the Center Shade (continued)

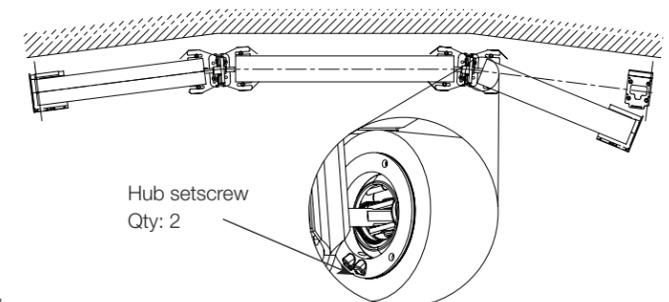
- 4.3 Rotate the shade into position. Attach the angled coupler bracket to the angled sub bracket with two ½ in screws. Verify the shade is level and is in the desired projection and lateral position. If adjustments are required, loosen the mounting screws and position the brackets utilizing the slots in the brackets. Retighten all screws before proceeding to the next step.



5 Mount Idler Shade

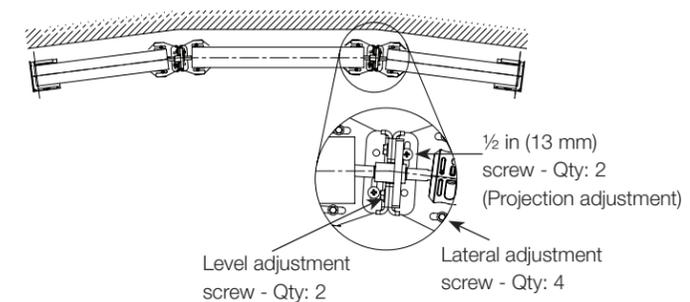
- 5.1 Slide the end of the shade closest to the drive end, over the remaining hub of the angled coupler farthest from the drive end. Tighten the set screws in the tube adapter to secure the end of the shade to the hub.

Note: Verify the hub is fully inserted in the tube adapter before tightening the set screws.



- 5.2 Attach the idler end bracket to the idler end sub bracket and secure the retaining screw. Refer to the Chassis Installation Guide included for your mounting type. Ceiling mount shown.

- 5.3 Verify the shade is level and is in the desired projection and lateral position. If adjustments are required, loosen the mounting screws and position the brackets utilizing the slots in the brackets. Retighten all screws before proceeding to the next step.



6 Wiring and basic Setup

Refer to the Basic Wiring and Setup Guide included with the roller shade system for wiring instructions and setup including setting open and close limits.

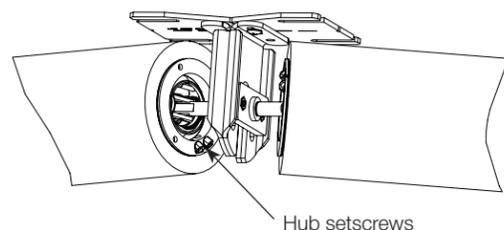
7 Hembar alignment

7.1 Remove protective wrapping from shade

7.2 Use the adjustment buttons (⚙️) to rotate the shade until the two set screws on the coupler hub are visible.

⚠️ CAUTION: Risk of minor or moderate injury from falling heavy object. Hold the shade on the non-Drive side securely to prevent unrolling.

7.3 While holding the shade on the non-drive side of the coupler, loosen the two set screws on the drive side shade.



7.4 Rotate the non-Drive side shade to align the hembars.

7.5 Re-tighten the two setscrews in the coupler hub to lock the coupler.

7.6 Repeat steps 7.1 to 7.3 for second coupler if present.

8 Troubleshooting

Symptom	Solution
Fabric is not level.	Verify the brackets are mounted level
Fabric is not centered over window.	Verify the brackets are centered
Shade does not move smoothly.	Verify the shade fabric is not obstructed by the side channels or any other object
Shade will not move to open or full close	Verify that open and close limits are set correctly Verify that shade fabric is not obstructed or caught on something
Adjacent shades do not move at the same speed	Verify the shades on both sides of the coupling joint are at the same angle. Make adjustments as shown in 5.3 if necessary

Limited Warranty

SCOPE

This limited warranty ("Warranty") covers the Lutron supplied (a) Sivoia Shade Systems ("Sivoia Shade Systems"), (b) manual shade system and (c) alternating current or a/c shade system (each of the foregoing being a "System"). Customer acknowledges and agrees that use of the System constitutes acceptance of all terms and conditions of this Warranty.

LIMITED WARRANTY

Subject to the exclusions and restrictions described below, Lutron warrants that each System will be free from manufacturing defects from the date of shipment by Lutron for a period of (a) one year as to the wall controls, interfaces and system accessories of the Sivoia Shade System ("External Sivoia Components") and (b) eight years as to the other Systems and the electronic drive unit, shade fabric and shade hardware of the Sivoia Shade System. If any manufacturing defect exists in the External Sivoia Components, so long as Customer promptly notifies Lutron of the defect within the one year warranty period and, if requested by Lutron, returns the defective part(s), Lutron will, at its option, either repair the defective part(s) or provide comparable replacement part(s). If any manufacturing defect exists in any of the components of a System other than the External Sivoia Components, so long as Customer promptly notifies Lutron of the defect within the eight year warranty period and, if requested by Lutron, returns the defective part(s), Lutron will, at its option, either repair the defective part(s) or issue a credit to the Customer against the purchase price of comparable replacement part(s) purchased from Lutron as provided below:

Number of years from date of shipment	Percentage of cost of replacement parts credited by Lutron
Up to 2	100%
More than 2 but not more than 5	50%
More than 5 but not more than 8	25%
More than 8	0%

Replacement parts for the System provided by Lutron or, at its sole discretion, an approved vendor may be new, used, repaired, reconditioned, and/or made by a different manufacturer.

EXCLUSIONS AND RESTRICTIONS

This Warranty will be void, and Lutron and its suppliers will have no responsibility under this Warranty, if Lutron or its representatives cannot access any components of the System to inspect, diagnose problems with or repair the System or any of its components as a result of concealment or inaccessibility of such components within a building structure. This Warranty does not cover, and Lutron and its suppliers are not responsible for:

- Damage, malfunction or inoperability diagnosed by Lutron or a Lutron approved third party as caused by normal wear and tear, abuse, misuse, incorrect installation, neglect, accident, interference or environmental factors, such as (a) use of incorrect line voltages fuses or circuit breakers; (b) failure to install, maintain and operate the System pursuant to the operating instructions provided by Lutron and the applicable provisions of the National Electrical Code and of the Safety Standards of Underwriter's Laboratories; (c) use of incompatible devices or accessories; (d) improper or insufficient ventilation; (e) unauthorized repairs or adjustments or alterations; (f) vandalism; (g) an act of God, such as fire, lightning, flooding, tornado, earthquake, hurricane or other problems beyond Lutron's control; or (h) direct exposure to corrosive materials.
- On-site labor costs to diagnose issues with, and remove, repair, replace, adjust, reinstall and/or reprogram the System or any of its components.
- Components and equipment external to the System, such as, non-Lutron lighting and automation systems; building wiring audio-visual equipment; and non-Lutron time clocks, photosensors and motion detectors.
- The cost of repairing or replacing other property that is damaged when any System does not work properly, even if the damage was caused by the System.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO EIGHT YEARS FROM THE DATE OF SHIPMENT, EXCEPT THAT SUCH IMPLIED WARRANTIES ARE LIMITED TO ONE YEAR FROM THE DATE OF SHIPMENT AS TO THE EXTERNAL SIVOIA COMPONENTS. NO LUTRON AGENT, EMPLOYEE OR REPRESENTATIVE HAS ANY AUTHORITY TO BIND LUTRON TO ANY AFFIRMATION, REPRESENTATION OR WARRANTY CONCERNING THE SYSTEMS. UNLESS AN AFFIRMATION, REPRESENTATION OR WARRANTY MADE BY AN AGENT, EMPLOYEE OR REPRESENTATIVE IS SPECIFICALLY INCLUDED HEREIN, OR IN STANDARD PRINTED MATERIALS PROVIDED BY LUTRON, IT DOES NOT FORM A PART OF THE BASIS OF ANY BARGAIN BETWEEN LUTRON AND CUSTOMER AND WILL NOT IN ANY WAY BE ENFORCEABLE BY CUSTOMER. IN NO EVENT WILL LUTRON OR ANY OTHER PARTY BE LIABLE FOR EXEMPLARY, CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO DAMAGES FOR PERSONAL INJURY, FAILURE TO MEET ANY DUTY, INCLUDING OF GOOD FAITH OR REASONABLE CARE, NEGLIGENCE, OR ANY OTHER LOSS WHATSOEVER), NOR FOR ANY REPAIR WORK UNDERTAKEN WITHOUT LUTRON'S PRIOR WRITTEN CONSENT ARISING OUT OF OR IN ANY WAY RELATED TO THE INSTALLATION, DEINSTALLATION, USE OF OR INABILITY TO USE THE SYSTEM OR OTHERWISE UNDER OR IN CONNECTION WITH ANY PROVISION OF THIS WARRANTY, EVEN IN THE EVENT OF THE FAULT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, BREACH OF CONTRACT OR BREACH OF WARRANTY OF LUTRON OR ANY OTHER PARTY, AND EVEN IF LUTRON OR SUCH OTHER PARTY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOTWITHSTANDING ANY DAMAGES THAT CUSTOMER MIGHT INCUR FOR ANY REASON WHATSOEVER (INCLUDING, WITHOUT LIMITATION, ALL DIRECT DAMAGES AND ALL DAMAGES LISTED ABOVE), THE ENTIRE LIABILITY OF LUTRON AND OF ALL OTHER PARTIES UNDER THIS WARRANTY ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, INSTALLATION, DELIVERY, USE, REPAIR, OR REPLACEMENT OF THE SYSTEM, AND CUSTOMER'S SOLE REMEDY FOR THE FOREGOING, WILL BE LIMITED TO THE AMOUNT PAID BY CUSTOMER FOR THE SYSTEM. THE FOREGOING LIMITATIONS, EXCLUSIONS AND DISCLAIMERS WILL APPLY TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW, EVEN IF ANY REMEDY FAILS ITS ESSENTIAL PURPOSE.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. WARRANTY CLAIMS, TECHNICAL ASSISTANCE AND WARRANTY INFORMATION
Contact the Lutron Technical Support Center at the numbers provided below or your local Lutron sales representative with questions concerning the installation or operation of the System or this Warranty, or to make a warranty claim. Please provide the exact model number when calling.

USA and Canada (24 hrs/7days)
(800) 523-9466

Other countries (8 a.m. – 8 p.m. ET)
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