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Installation Instructions for Side Mount Add-On Track Motorized Shades - Remote Control

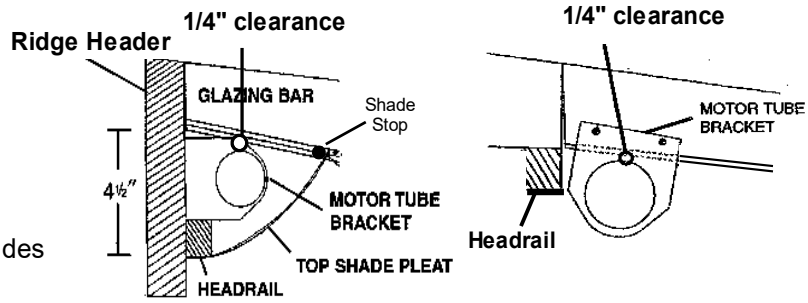
Install Tracks

1. Mount the shade tracks to sides of glazing bars, open side facing out, using flat head screws provided, through countersunk holes in track. BEGIN with bottom end of track at front of room, working upward to top of track at top of room. Bottom of track butts up against bottom frame of bay. Top of tracks should end at least 4" below/in front of ridge or wall. Be sure each tracks are level and even with each the other.

2. If bottom of track is open (not against frame), insert shade stop screw into pre-drilled holes 1/2" from bottom of track.

Install Motor Brackets & Headrails

Mounting options for brackets and headrails:



3. Mount motor brackets to ridge header, wall or sunroom frame, below and aligned with inside edge of glazing bars.

OR, mount motor brackets low, onto sides of glazing bars

Motor tubes will span across bays under glazing bars. Mount brackets so there will be at least 1/4" clearance below glazing bars and top of motor tubes.

Bracket mounted to ridge wall (motor end bracket)

Or, onto side of glazing bars (motor end bracket & intermediate tube connecting bracket)

4. BEFORE PLACING MOTOR TUBES IN BRACKETS, mount headrails to ridge or wall, just below motor brackets, level and centered between tracks, through pre-drilled countersunk holes, velcro facing down.

Head rail, ridge/wall mount

5. Place motor tubes in brackets. Intermediate motor tube connecting brackets join motor tubes using the brass connecting rod.

   Position intermediate motor tubes so the set screw holes in the tube end caps face out and down for easy access. Secure these tubes to brass connecting rods through center ring of brackets with set screws and thread locker provided.

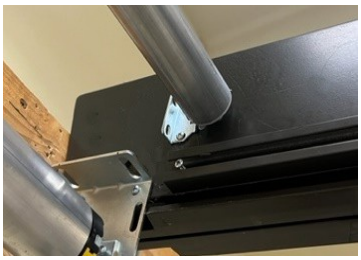
6. Secure motor end stud into motor bracket with cotter pin. Bend the pin slightly to secure.

Install Cord Idler Tubes (if provided)

7. Idler tubes direct the cords off the back of the shades and down to the motor tubes. This eliminates cord tension against back of shade rods.

8. Attach the swivel lock bracket sets to the inside face of glazing bars, just above edge of tracks. Here is an example installation:

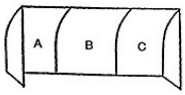
Swivel lock bracket for cord idler tube



Idler tube in place above track and motor.

Idler tube on brackets above motor tube.

Load Shades



9. Shades are labelled in alpha order from left to right (inside of room looking out), if they are not all the same size. Complete all loading and shade cord steps before starting the next shade.

10. Load the shades: Put clamp in track a couple of feet below top. Begin loading glider wheels in bottom of shade first into top end of tracks, bottom of shade has the cords on the back, cords face up toward glass. Each glider wheel must sit on edge of track opening. CAUTION: Glider wheels do NOT go completely inside of track:

Stop Screw

11. Install shade stop screws into pre-drilled holes located 1/2" from top of tracks to keep wheels from falling out during operation (stop screw will not be necessary in bottom of track if it is closed off by window bay frame). Screw in just enough to block wheels as shown:

12. Spray silicon onto glider wheels and edge of track. CAUTION: Excess silicone will drip from bottom of tracks. Clean up any silicone over-spray.

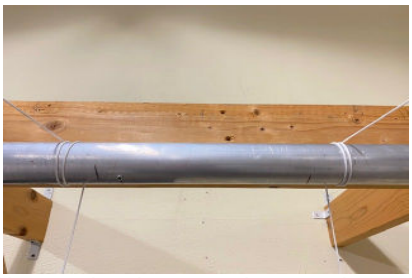
Shade Cords

13. Unbundle the cords, draping them over top of shade. Pull top of shade up near the motor tube & move clamp under top shade glider, letting rest of shade slide down the tracks.

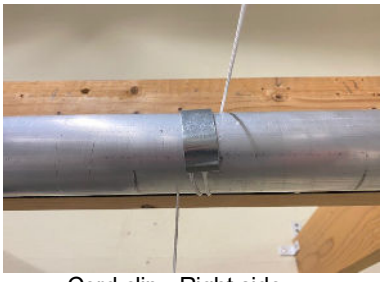
If using cord idler tubes, run cords over top of idler tube down to the motor tube:

14. Starting 12" in from side of glazing bar, wrap each cord 2 times OVER TOP OF MOTOR TUBE TOWARD THE CENTER of tube. Wrap cords taut around tube but not enough to lift the bottom of shade.

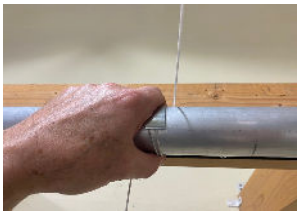
15. Attach clips over wrapped cord. Once attached, you can twist the clips to tighten cord tension if needed. Match tension equally on both cords to minimize later adjustments. Cut off extra cord length hanging from clips.



Wrap cords twice over tube toward center



Cord clip - Right side



Rotate clip to tighten cord if needed

16. When finished with one shade, attach shade velcro to headrail and remove clamp from track. Repeat this process for each shade ensuring all cords on all shades have the same tension before operating the motor.

Initiate Motor Operation and Check Shades Pull Evenly

17. With motor plugged into power: Initiate motor programming by pressing and holding the Up and Down arrow buttons at the same time until the motor "jogs" (a jog is a very brief up and down rotation).

    ONLY IF MOTOR IS ON THE RIGHT looking up at motor tube: Assign upward rotation direction - Press and hold the "My" (center) button on the remote until motor "jogs".

18. Run motor up to raise shades: Press and hold Up arrow on remote. Allow motor tube to raise shades 3-4 revolutions and Stop/release button. Check cords: If any shades are raising unevenly, adjust cord tension by twisting the cord clips on motor tube appropriately. When bottom of shades are all even, tension is correct. Also note that cords must wrap around tubes away from clips in a telescoping pattern.

Cords after 4 motor rotations, wrapping away from clips

Set Motor Upper and Lower Limits

19. Continue raising shades with Up arrow button until they reach your desired open (upper) limit and Stop/release button. STOP BEFORE shade pleats bundle too tightly against the shade stop screws.

20. To set the upper limit - Press both Down arrow and My (center) button together and release. Shades will begin lowering and upper limit is now set.

IF SHADES ARE NOT LOWERING EVENLY OR SMOOTHLY, STOP! - Press My (center) button to stop. More silicone spray is needed. Raise shades back to upper limit, apply more silicone to glider wheels and track before proceeding. Press both Down arrow and My buttons together and release to repeat lowering.

When shades reach your desired closed (lower) limit, Stop with the My button. Use Up and Down arrow buttons to make minor adjustments to lower limit.

21. To set the lower limit - Press both Up arrow and My (center) buttons together and release. Shades will begin raising and will automatically stop at the upper limit.

22. To limit settings, Press and hold the My button until the motor"jogs".

23. Save settings to memory: Press and hold the small recessed button on the back of the remote until the motor "jogs" (You will need a small point such as a ball point pen or paper clip to do this). Limits are now in memory.

The remote and motor are now in "User Mode" and shades can be operated with a brief press of the Up or Down arrow buttons, and shades will automatically open or close to the programmed limits.

You can always use the My button to stop shades part way.

24 Test Drive - Raise the shades up and down to confirm upper and lower limits and shades run up and down smoothly and evenly.

CAUTION: Motors are not able to run continuously up and down for long periods. Once the motor becomes overheated, it will shut down and cannot operate until cooled. The cool down time is at least 10 minutes.

For these and other remote control functions and settings, please refer to the included "Quick Programming Guide For All RTS Motors" or the Instructions included in the remote control package.

To Reset/Reprogram the motor to factory default, follow the procedure for "Resetting Altus RTS 120V AC"