



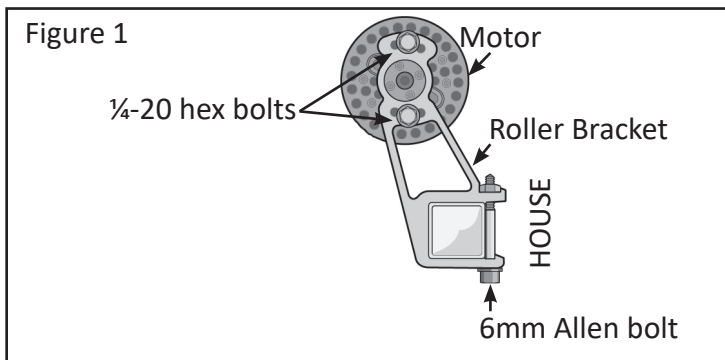
RETRACTABLE AWNINGS

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Roller Bracket Replacement

****Helpers Needed****

Tools Needed: (2) step-ladders, a 6mm Allen wrench, and $\frac{7}{16}$ " wrench (if replacing Roller Bracket on Motor side), 10mm wrench (for Vista/Gear side, if applicable)



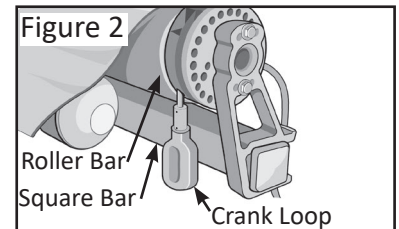
Parts Supplied: Roller Bracket assembly

WARNING: Failure to follow these instructions can result in PERSONAL INJURY!!

Please read these instructions in its entirety before attempting to complete this process.

PLEASE NOTE THAT LEFT AND RIGHT REFERENCES ARE AS YOU ARE FACING THE HOUSE.

1. Open the Awning to the fully extended position.
2. Unplug the power cord from the wall outlet, if motorized.
3. Using the manual Crank Wand inserted into the Crank Loop (see **Figure 2**), continue to unroll the fabric until you expose the fabric slot in the Roller Bar and create maximum slack in the fabric.
4. Using a 6mm Allen wrench, loosen the bolt on the Roller Bracket that you wish to replace. See **Figure 1**.
Note: To replace the Roller Bracket attached to the Motor/Gear, continue on to step 5. To replace the Roller Bracket on the side that is opposite of the Motor/Gear, go to step 11.
5. Have one helper hold the Roller Bar near the Roller Bracket on the side that is opposite of the Motor/Gear.
Note: This is necessary to keep the Roller Bar from coming out of the Roller Bracket while the Motor/Gear is unbolted from the other side.
6. While your helpers support both ends of the Roller Bar, remove the two bolts and washers that connect the Motor ($\frac{1}{4}$ -20 hex bolts)/Gear (10mm hex bolt) to the Roller Bracket (see **Figure 1**). Note the threaded holes on the motor plate (or Vista Gear if applicable) and the holes in the Roller Bracket that the bolts are removed from. Also note the orientation of the Roller Bracket on the Square Bar.
7. While a helper supports the Roller Bar near the Motor/Gear, slide the old Roller Bracket off of the Square Bar. Make sure that the other helper does not allow the Roller Bar to come out of the Roller Bracket on the opposite side. See **Figure 3**.



8. Install the new Roller Bracket on the Square Bar. Make sure to slide the Roller Bracket completely up against the Motor/Gear (see **Figure 2**). Tighten the bolt on the Roller Bracket with a 6mm Allen wrench.

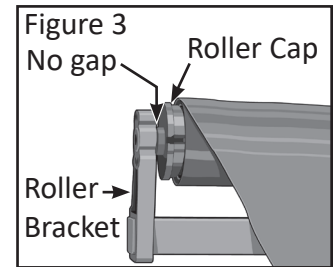
WARNING: DO NOT OVERTIGHTEN THIS BOLT. OVERTIGHTENING THIS BOLT CAN CRACK THIS STRUCTURAL BRACKET AND CAUSE THE ROLLER BAR AND FABRIC TO BE SEPARATED AND FALL FROM THE AWNING ASSEMBLY!

9. Attach the Motor/Gear to the Roller Bracket with the two ¼-20 hex bolts and washers or applicable Gear bolts, washers and nuts.

WARNING: BE VERY CAREFUL NOT TO CROSS-THREAD THE HEX BOLTS, START THE BOLTS BY HAND AND FINISH TIGHTENING WITH THE ⅜" WRENCH. MAKE SURE THE CRANK LOOP ON THE MOTOR IS POINTED TOWARD THE GROUND.

10. On the side opposite of the Motor, check that there is no gap between the other Roller Bracket and the plastic Roller Cap in the Roller Bar (see **Figure 3**). If a gap exists on this side, loosen the bolt on this Roller Bracket and adjust so that there is no gap. Retighten the bolt on this Roller Bracket.

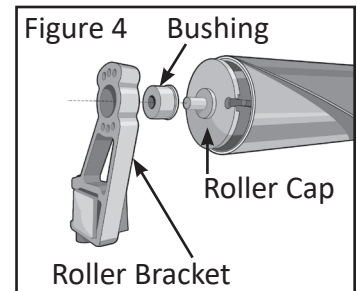
WARNING: DO NOT OVERTIGHTEN THIS BOLT. OVERTIGHTENING THIS BOLT CAN CRACK THIS STRUCTURAL BRACKET AND CAUSE THE ROLLER BAR AND FABRIC TO BE SEPARATED AND FALL FROM THE AWNING ASSEMBLY! Go to step 14 now.



Roller Bracket replacement on side opposite of Motor/Gear

11. While your helpers support the Roller Bar on both ends, slide the old Roller Bracket off of the Square Bar. Make sure the Bushing stays on the pin end of the Roller Cap. See **Figure 4**.
12. Install the new Roller Bracket on the Square Bar. Make sure to slide the Roller Bracket completely up against the Roller Cap and ensure that the Bushing goes into the hole in the Roller Bracket (see **Figure 4**). Tighten the bolt on the Roller Bracket with a 6mm Allen wrench.

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13. On the side opposite of the Motor/Gear, check that there is no gap between the Roller Bracket and the Roller Cap in the Roller Bar (see **Figure 3**). If a gap exists on this side, loosen the bolt on this Roller Bracket and adjust so that there is no gap. Retighten the bolt on this Roller Bracket.

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14. Center the fabric on the Roller Bar and on the Front Bar.
15. While keeping the fabric reasonably stretched on the Roller Bar, use the manual crank wand to slowly roll the fabric onto the Roller Bar, until both arms start to close. **WARNING: DO NOT USE THE MOTOR FOR THIS STEP.**
16. Plug the power cord (for Motorized) back into the wall outlet.
17. Test the Awning for proper operation.