



1. Assemble brackets & gear to tube. Measure hole to hole. Transfer this number to mounting surface.



4. Attach brackets to mounting surface w/lag screws and washers.



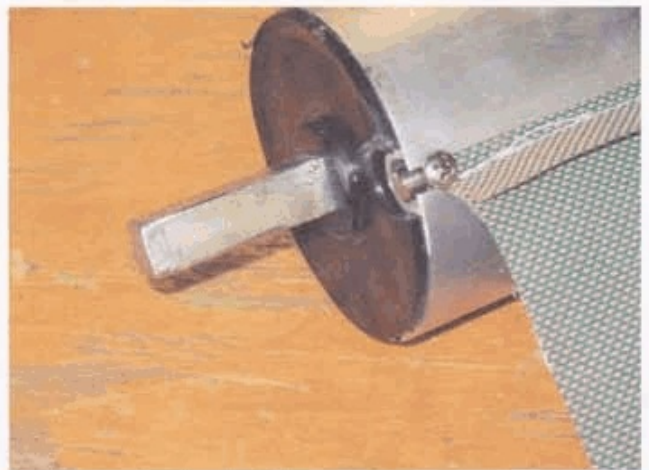
2. Pilot holes w/1/4" drill bit.



5. One fabric lock goes in end of each roll drop. Plastic welt needs to be trimmed off and pulled



3. Using lag screws, attach both brackets to mounting surface. Back out all lag screws 1/2"-1".



6. Note fabric lock. Plastic tubing is cut 1/2" shorter than pocket then fabric lock is pushed





7. W/fabric on tube, spread loose brackets to receive tube+gear. W/10mm bolts, mount gear to accomodate hand crank.



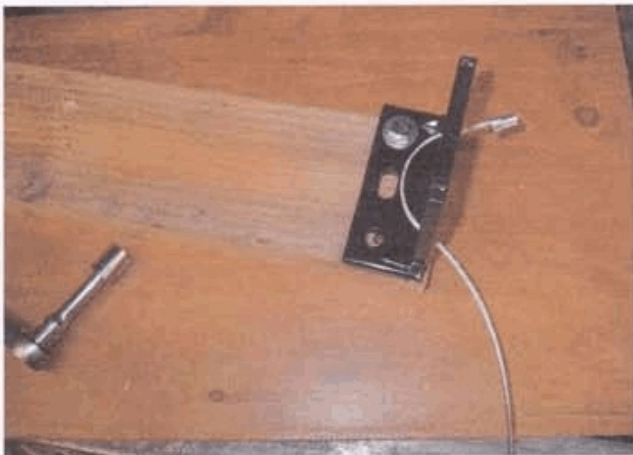
10. Ultimately, cables must be pulled tightly to align w/eye ends on pipe.



8. Install pipe. Find the combination that will allow bottom pipe w/eye ends to slide up and down freely. This is critical.



11. Pull guidewire to where you want to mount bottom of cable. W/tiny drill bit find framing inside wall (studs/bottom plate). Pre-drill 1/4". Lag screw-still loose.



9. There are multiple combinations for the guide wire attaching to the top bracket.



12. Pull taunt through U-bolt and Tighten U-bolt. Finish by tightening lag bolt.