

## Installation Instructions (Revision 3/7/00)

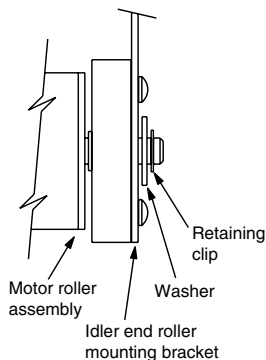
# Access & Ultimate Access Internal Operating Mechanism by Draper

### Caution

- ① Read these instructions completely before proceeding.
- ② Follow instructions carefully. Installation contrary to instructions invalidates warranty.
- ③ Make sure all operating switches are "off" before installing roller and fabric assembly into screen case.
- ④ Keep all packing materials and hardware in case internal operating mechanism needs to be re-packed.

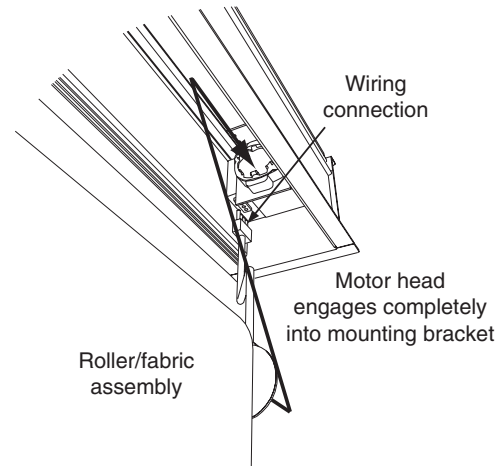
*These instructions are meant as a guide only. They do not imply any responsibility on the part of Draper, Inc. for improper installation or faulty workmanship at the jobsite.*

1. Open carton by completely removing staples along top of carton.
2. Remove Styrofoam shipping blocks at each end of carton.
3. Lift the roller/fabric assembly out of the carton by grasping the wood shipping blocks and flange of metal roller brackets.
4. Lay the roller/fabric assembly (with wood shipping blocks still attached) so that the edge or side of the assembly is now facing up.
5. Locate and remove the (3)  $\frac{5}{16}$ " hex nuts and washers that secure the motor end of the roller/fabric assembly and dowel to the shipping block.
6. Pivot the shipping block outward away from the roller/fabric assembly.
7. Position a blanket or towels between the fabric roller and the flat supporting surface.
8. Raise the motor end of the roller/fabric assembly enough to pivot the shipping block outward, removing it completely from the roller/fabric assembly.
9. Locate and remove the (3)  $\frac{5}{16}$ " hex nuts and washers that secure the idler end of the roller/fabric assembly and dowel to shipping block.
10. Raise the idler end of the roller/fabric assembly enough to pivot the shipping block outward, removing it completely from the roller/fabric assembly.



11. Carefully lay roller/fabric down on the blanket or towels.
12. Remove the dowel support brackets from the dowel by unscrewing the two screws enough to pivot the bracket, clearing the top screw. Position the larger end of keyhole under head of screw and pull bracket off. Retighten both screws.
13. Locate the metal retaining ring that locks the head of the motor to the zinc bracket on the black motor mount. If necessary, rotate the retaining ring so that the offset loop portion is pointing up for easier access.

14. Pull up on the offset hook of the retaining ring to remove it enough to separate the mounting bracket from the roller/fabric assembly. Be sure to support the roller assembly during this process.
15. Re-engage the motor retaining ring completely with the zinc bracket mounted to the black motor mount.
16. The bottom access panel must be removed first.
17. The motor end mounting bracket has a metal bracket with snap ring for accepting motor head. Back out the four set screws in bracket until they are flush with top side of bracket.
18. To engage the motor end bracket flange above the two channels in the top of the screen housing, rotate the bracket approximately 45 degrees counterclockwise to allow the top surface of the motor bracket to rest flat against the top inside of the housing. Rotating the bracket clockwise until it is engaged with the channels, slide it along the length of the housing against the electrical junction box.
19. Engage the idler end bracket (rectangular mounting pad) in the same manner as the motor end bracket and slide it toward the opposite end of the screen housing. Do not tighten set screws on the brackets until the roller/fabric assembly is installed, and centered in case.
20. Locate the black washer and retaining clip attached to the instruction sheet.
21. **NOTE: This step requires two people to perform safely.** Raise the roller/fabric assembly up into the screen housing and engage the head of the motor completely into the motor mounting bracket, making sure the snap ring engages with the motor and that the limit switch adjusting knobs are visible from the bottom of the screen housing.



22. While supporting the idler end of the roller, slide the idler end mounting bracket toward the roller. Insert the roller pin into the nylon bushing on the idler end mounting bracket.
23. The roller idler pin needs to go through the idler bracket far enough to allow the washer and retaining clip to be installed on the pin.
24. Failure to replace the washer and retaining clip could result in the separation of the roller from the brackets.
25. The roller/fabric assembly and roller brackets may need to be slid left or right in mounting channel of case to center fabric within screen case.
26. Securely tighten the set screws on the roller mounting brackets.
27. Connect the electrical plug from the motor to the mating socket on the junction box.
28. Close the bottom access panel/trap door as previously described.

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