Access Dual Roller FlexShade System by Draper

Caution

① The Access Dual Roller FlexShade headbox is shipped in one carton; the shades and/or screen are shipped in a separate carton; controls may also be shipped in a separate carton.

② Verify dimensions of opening and refer to order for overall dimensions of the unit. Dimensions are noted on the outside of the carton. Shade dimensions are given width x height; screen dimensions are given height x width.

③ Installer must ensure Access Dual Roller FlexShade is positively and securely anchored with appropriate fasteners for mounting surface.

④ Hanger brackets are shipped separately.

⑤ For motorized units, make sure POWER IS OFF before making electrical connections. Use extreme caution when working with electric motors.

Please follow installation guidelines carefully. Failure to do so invalidates warranty.

Headbox Assembly

① Make sure internal roller brackets provided are for correct operator ordered. If not already attached, then install roller brackets (See Fig. 1).
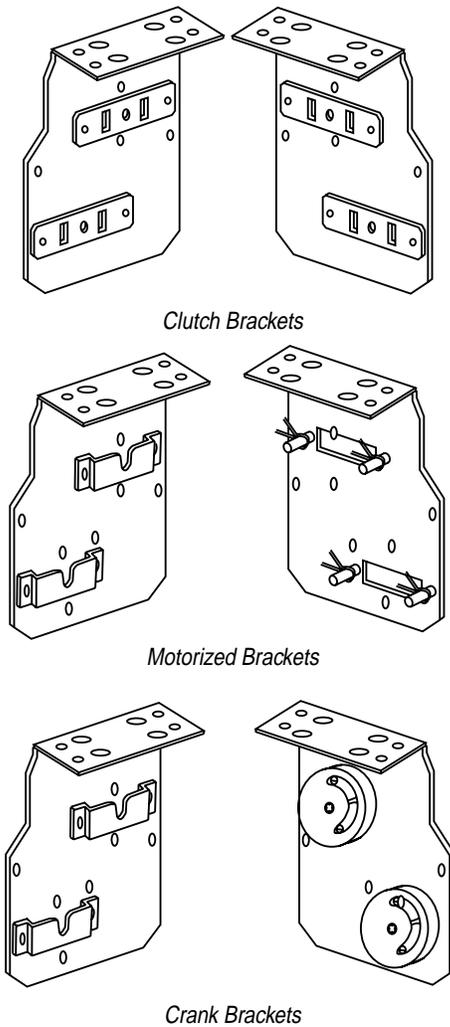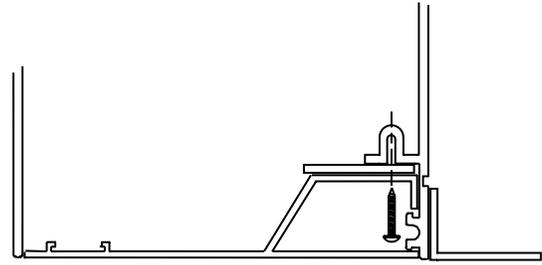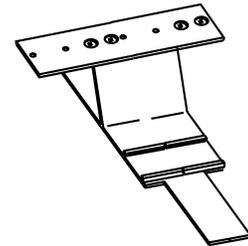

Clutch Brackets

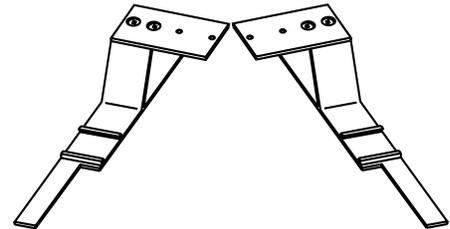*Motorized Brackets*

Crank Brackets

Figure 1

② Install bottom closure end brackets for appropriate operator (See Fig. 2).
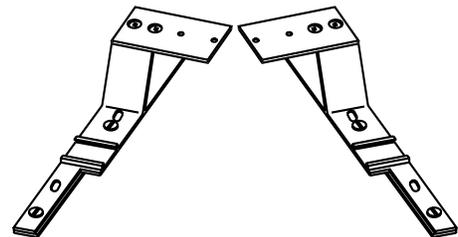

Install Detail (Motorized shown—typical of all)
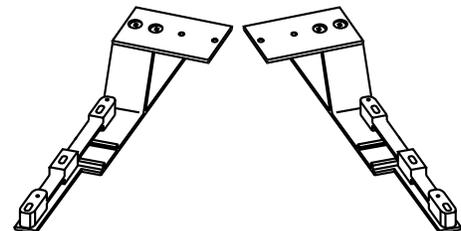

Motorized Bottom Closure Center Bracket

Motorized Bottom Closure End Brackets

Crank Bottom Closure End Brackets

Clutch Bottom Closure End Brackets

Figure 2

Continued

Headbox Installation

Suspended Installation—
① Slide backets into place in the grooves provided (see Fig. 3).
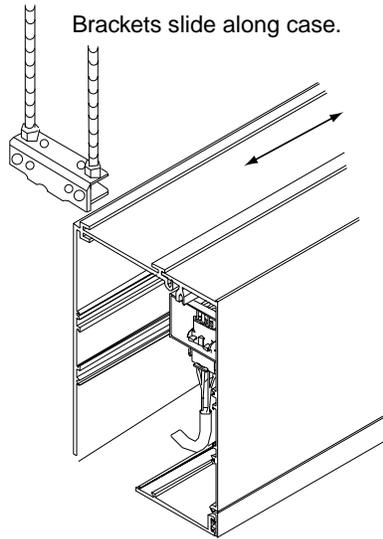② Locate bracket as required for threaded rod, chain, or cable, and tighten set screws to hold bracket in place.

Brackets slide along case.

Figure 3

Ceiling (Surface) Installation—
① Drill holes through the top of the rear housing as required (see Fig. 4).
② Position housing against ceiling and transfer mounting hole locations.
③ Install appropriate anchors.
④ Mount housing to ceiling.

Wall (Surface) Installation—
① Drill holes through the back of the rear housing as required.
② Position housing against wall and transfer mounting hole locations.
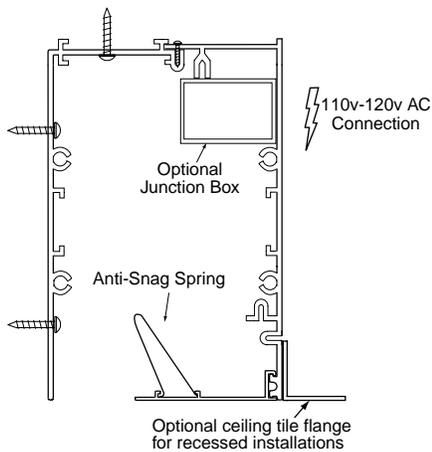③ Install appropriate anchors, and mount housing to wall (see Fig. 4).

110v-120v AC Connection

Optional Junction Box

Anti-Snag Spring

Optional ceiling tile flange for recessed installations

Figure 4

NOTE: It is the responsibility of the installer to ensure mounting hardware is adequate to support the Access Dual Roller System.

Shade/Screen Assembly
Note: Roller mounting brackets are factory installed in the housing.
For Bead Chain Clutch Operators:
① Insert spring-loaded pin of upper roller into pin-end bracket. Supporting pin-end bracket with your free hand, push roller/fabric assembly toward bracket to compress spring-loaded pin, and slip the clutch end tabs into slots on bracket (see Fig. 5).
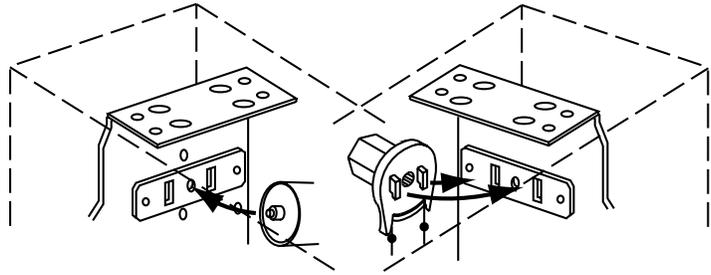

Figure 5

② If you have not already done so, install the L.H. and R.H. bottom closure end brackets with chain exit guides. Thread the bead chain for the upper roller through the rear and center holes of the chain guide. Operate roller up and down and install the stop balls as required.
③ Install the lower roller in the same manner, and thread the bead chain through the front and center holes of the chain guide.
④ To cover multiple openings, a single headbox may be separated into compartments. Repeat steps one and two for each compartment.
Note: Remove protective strips from rollers before operating.

For Motorized Operators:
① Place operator end of upper roller onto its bracket, then slide notched pin on other end into slot on bracket. Secure operator end with retainer pins, and secure pin end with retainer clip (see Fig. 6).
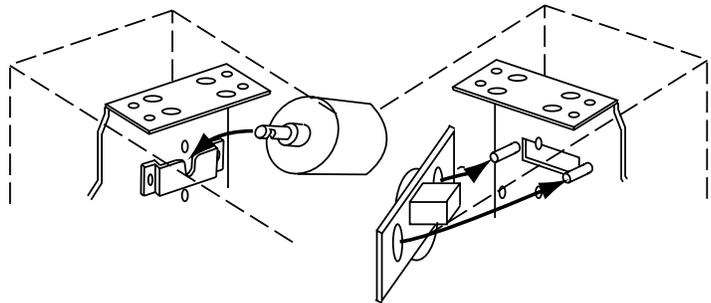

Figure 6

② Install the lower roller in the same manner.
③ To cover multiple openings, a single headbox may be separated into compartments. Repeat steps one and two for each compartment.
④ See "Electrical Connections" .
Note: Remove protective strips from rollers before operating.

For Crank Operators:
① Place operator end of upper roller onto its bracket, then slide notched pin on other end into slot on bracket. Secure with retainer clip (see Fig. 7).
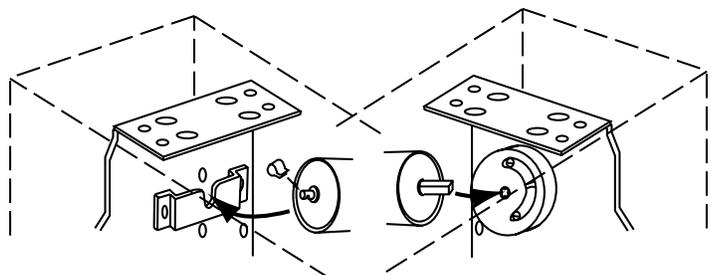

Figure 7

② Install the lower roller in the same manner.
③ To cover multiple openings, a single headbox may be separated into compartments. Repeat steps one and two for each compartment.
④ Insert crank shaft through the L.H. and/or R.H. bottom closure end brackets and into crank gear, then attach cranks to end brackets (see Fig. 8).
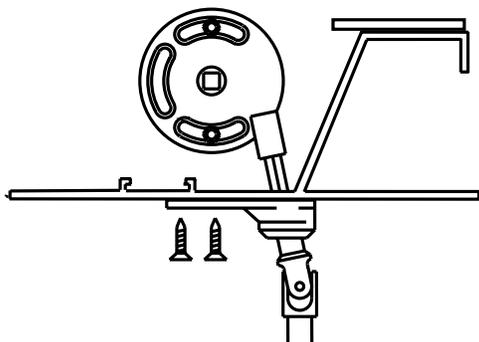

Figure 8

Coupled/Side-to-Side Mount

Access Dual Roller FlexShades are designed to allow the coupling of more than one roller, to allow a single headbox to cover more than one window opening.
① Attach operator end of first shade to the bracket and insert coupling into other end roller.
NOTE: Couplers are designed with fins, which slide into the slot in the fabric roller, locking them in place (see Fig. 9).
② Slide bearing bracket onto coupler, and mount bearing bracket.
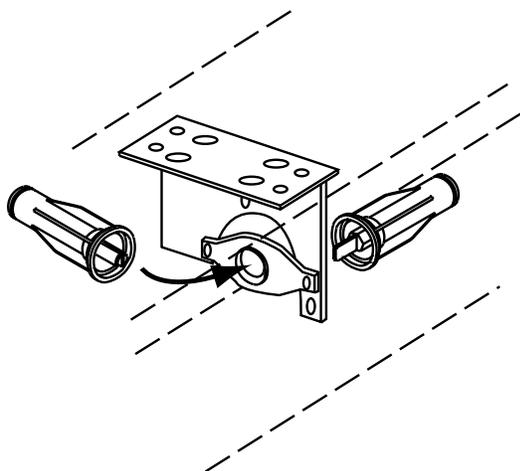 NOTE: Mount so shades will be level.

Figure 9

Electrical Connections

Motorized units operate on 110v., 60 Hz. current.
Shades and screens are standardly shipped with internal wiring complete and control switch(es) fully boxed. 6' lead standardly provided, or shades and screens can plug into optional junction box(es) located inside headbox. Wiring to controls and electrical must then be completed from the 6' lead or optional junction box.
Connections should be made in accordance with attached wiring diagram on page 4, and wiring should comply with national and local electrical codes.
All operating switches should be "off" before power is connected.

Optional Side/Sill Channel Installation

① If provided, install side channels so that channel tops are 2" inside headbox, and flush with the ends of the headbox.
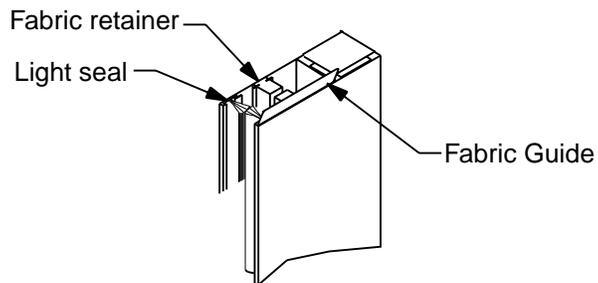 A. Insert fabric guides in top of side channels (see Fig. 10).

Figure 10

B. For face mount, side channel mounts on the surface of the wall or window mullion. Fasteners go through the side channels. Plug buttons should be used to cover holes (access and mounting holes will be pre-drilled— see Fig. 11.
C. For inside or jamb mount, a mounting angle has been attached to the side channels. Install side channel with mounting angle toward window, if depth will allow, so it is not visible (it can also be installed toward the room—see Fig. 11). Caulking may be necessary for complete blackout.
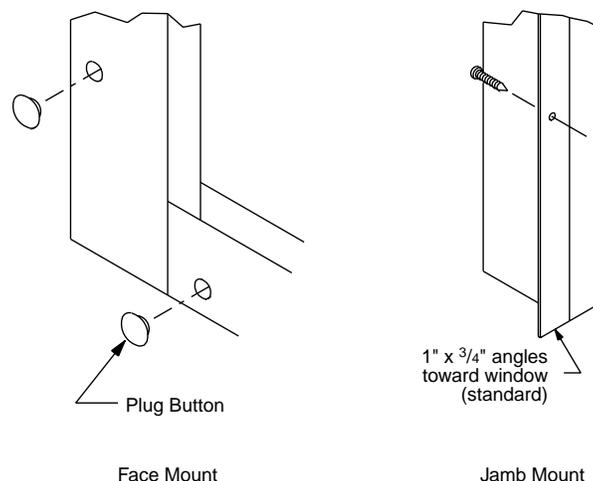

Face Mount   Jamb Mount

Figure 11

② Install sill channel between side channels using appropriate fasteners (see Fig. 12). *NOTE: Be sure of a centered and snug fit between side channels.*
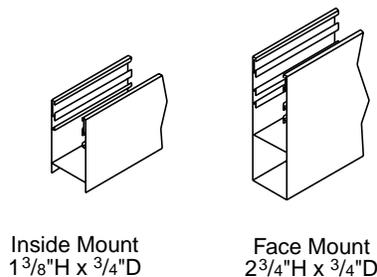

Inside Mount
1 3/8"H x 3/4"D

Face Mount
2 3/4"H x 3/4"D

Figure 12

Adjustments

NOTE: Limit switches are pre-set, but some field adjustment may be necessary. For each roller:
① Fully depress both limit switch push buttons. Operate switch to make sure system works properly.
② Raise shade/screen to desired "up" stop position.
③ Set upper limit by depressing and releasing the proper push button (see Fig. 13).
④ Lower shade/screen to desired "down" stop position.
⑤ Set lower limit by depressing and releasing the proper push button (see Fig. 13).
NOTE: Limit switches can be set with a single motor switch on a test cord furnished by Draper, Inc. upon request. Each limit must be set if using group control.
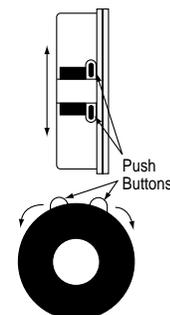

Figure 13

Bottom Closure Installation

① Insert anti-snag springs (see also Fig. 4, page 2) into extrusion closest to edge of bottom closure panel.
② Insert retainer springs into same extrusion, on each end.
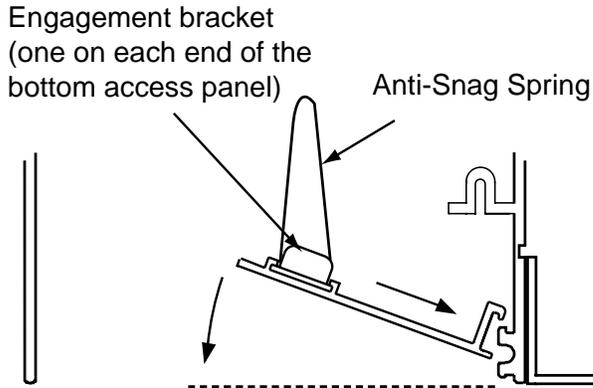③ Install bottom closure panel (see Fig. 14)

④ Slide retainer springs into slots on L.H. and R.H. bottom closure end brackets (Fig. 15).

Engagement bracket
(one on each end of the
bottom access panel)

Anti-Snag Spring
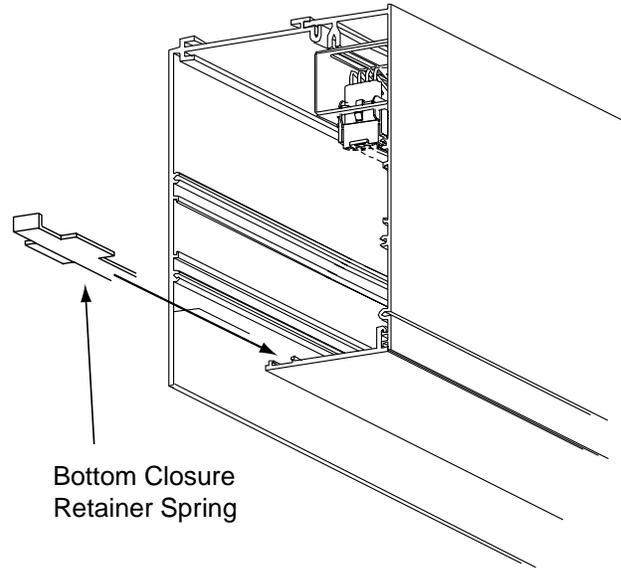
Figure 14

Bottom Closure
Retainer Spring

Figure 15

Wiring Diagram

This diagram is for standard switching for one roller in the Access Dual Roller FlexShade. Because each roller is isolated on its own conacts, this diagram will need to be followed both both rollers. For low voltage, remote, or group control, consult wiring diagrams provided with control.

Internal Wiring
White (Common)
Black (Up)
Red (Down)
Green (Ground)

Control
switch

Single gang box by others
Min. 4" x 2$\frac{1}{8}$" x 1$\frac{7}{8}$" deep

Brown

Red   Black

Dashed wiring by electrician

To 110-120v Line

If you encounter any difficulties installing or servicing your Access Dual Roller FlexShade System, call your dealer or Draper, Inc., Spiceland, Ind., (765) 987-7999, fax (765) 987-7142, or e-mail draper@draperinc.com.