

Illuminator Glider Door Installation Manual



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PUB 0804

Tools required for Installation

Impact Wrench

Electric or cordless drill

Set of drill bits 1/4" to 9/16"

Set of box-end wrenches 1/4" to 9/16"

Set of sockets with 3/8" drive, 1/4" to 9/16"

Hammer drill with 3/8" masonry bit if mounting track to concrete block wall

Items needed but not included:

Screws for mounting track assembly.



See page 17 for view of completed installation

Parts Identification



QD100:
Quick Exhaust Valve



AP1078:
Male Tube Stem



AP1075:
3/8" x 1/4"
Reducing elbow
quick connect



CV100:
Cam Valve



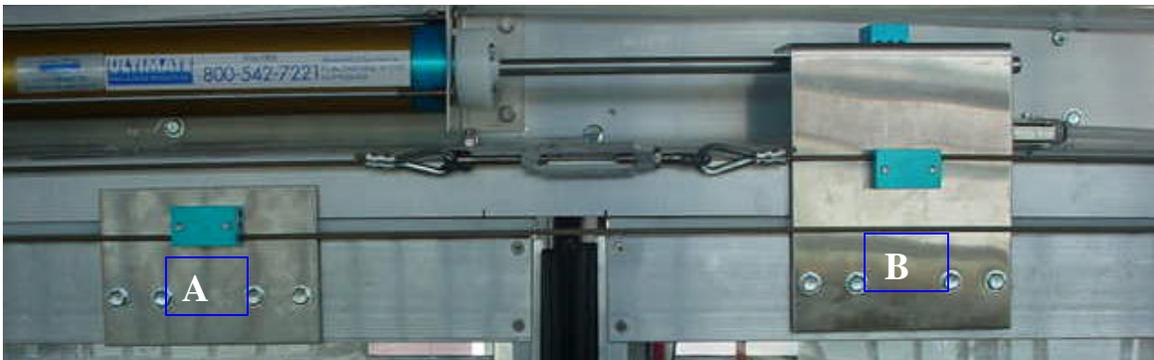
GLP2003 - Glider Pulley with
Bolt and Nut



AP1080:
3/8" x 1/4"
male quick connect



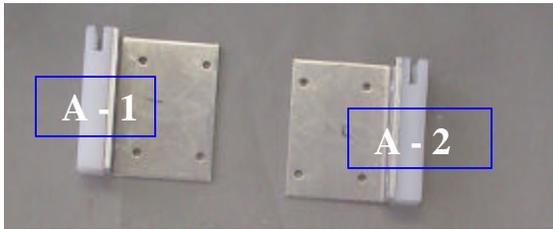
AP1050:
Turnbuckle



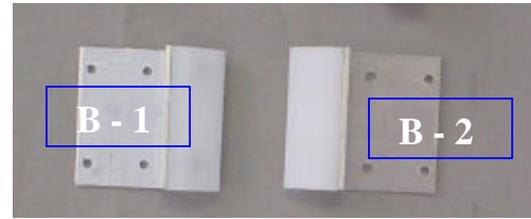
GB2003A:
Bracket 'A'

GB2003B:
Bracket 'B'

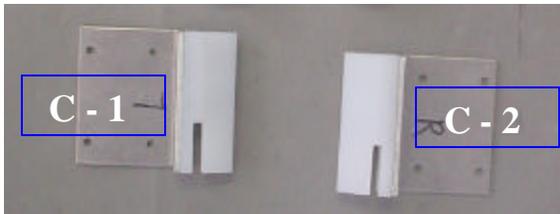
Parts Identification Continued



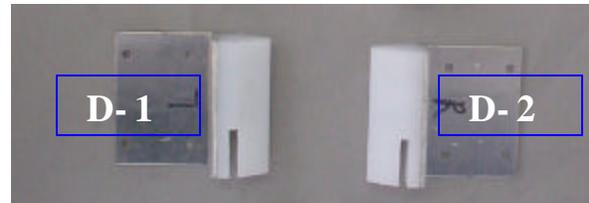
A-1: Left Hand Glider Guide
A-2: Right Hand Glider Guide



B-1: Left Hand Glider Stop
B-2: Right Hand Glider Stop



C-1: Left Hand Slotted Glider Stop
C-2: Right Hand Slotted Glider Stop



D-1: Left Hand Slotted Glider Stop
D-2: Right Hand Slotted Glider Stop



E-1: Left Hand Wall Guide
E-2: Right Hand Wall Guide



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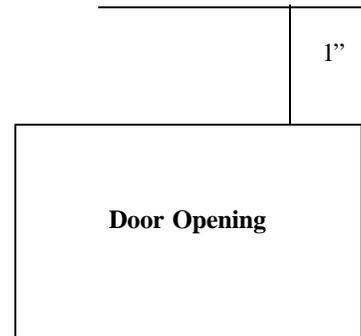
1

Insure that Walls on each side of door opening are clear of all obstructions
(Door will protrude 5 1/2"
Into building)



2 Installing Door track w/ operator

Install bottom of door track 1" above door opening



Right hand side of door track MUST BE INSTALLED EXACTLY
IN CENTER OF DOOR OPENING!

center of opening



3

Above the left hand side of door opening install track w/ operator
As shown in Figure B

Place the bottom of track on line that
was drawn 1" above opening
as described above.
Make sure track is level!



Panel Identification:



Panel #1

Panel #3

Panel #4

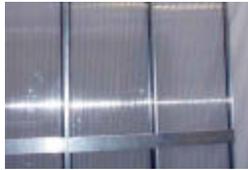
Panel #2



Install all panels w/ center
Brace on inside of building

5

Slide Panel #1 & 2 (see page 4)
Into **track #1** As shown in
figure C and step number 6 below.
Make sure center
brace is on the inside of building



C



6

Slide Panel #4 (Clear Section)
Into track #2

As shown in figure D

*Rubber astragal is on the right side
of door panel

D



Track #1

Track #2

7

Slide Panel #3 (Clear Section)
Into track #2

As shown in figure E

*Rubber astragal is on the left side
of door panel

E



8

Hang right side track (track without
Operator) as shown in Figure F
(This track will be flush with track
shown in Figure E)

Place the bottom of track on line that
was drawn 1" above opening.
Make sure track is level!!

F



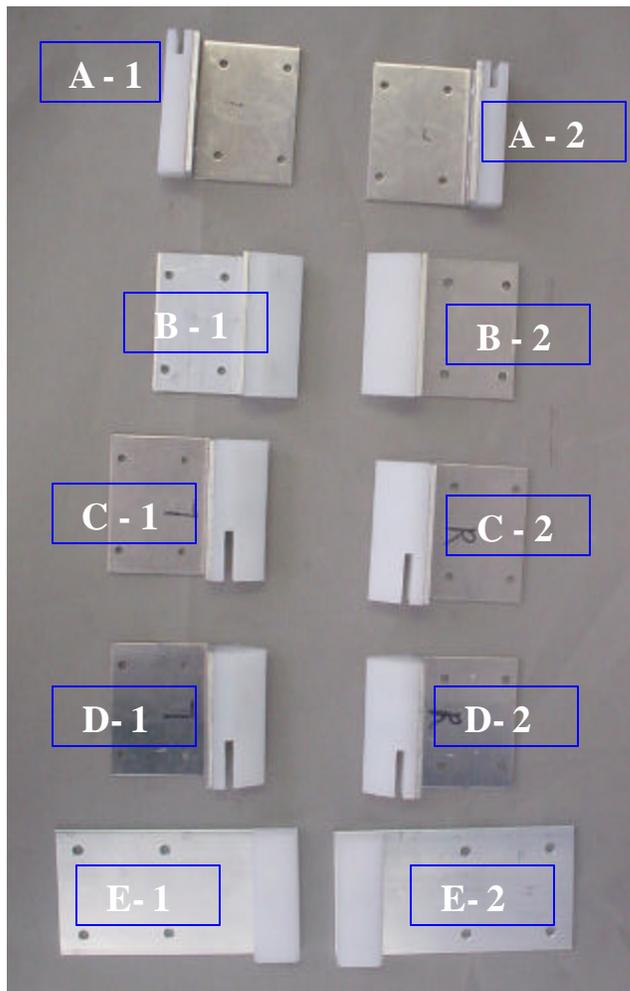
9

Slide panels #2 and #3 to the right hand side of track-
The track that does not have the operator

Place all panels as shown on page 4 so the door is in the closed
position

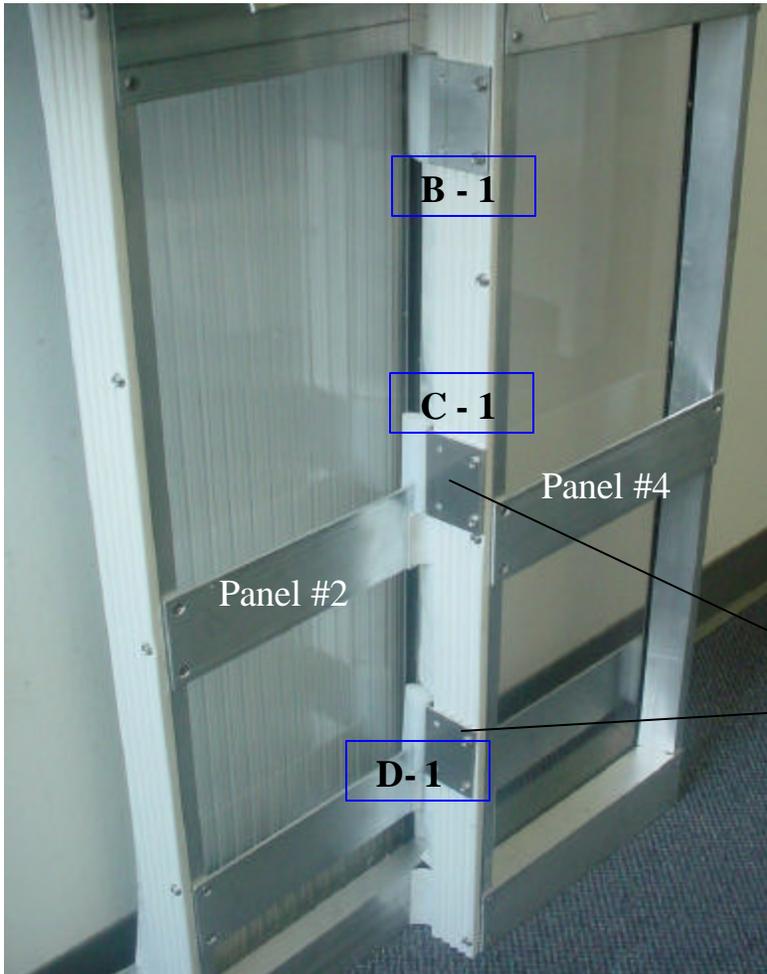
10

Preparing to install Glider blocks and Guides



See the following pages for installation of these parts

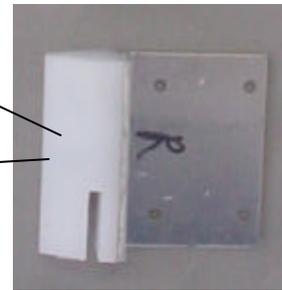
11 Install Blocks on Door Sections



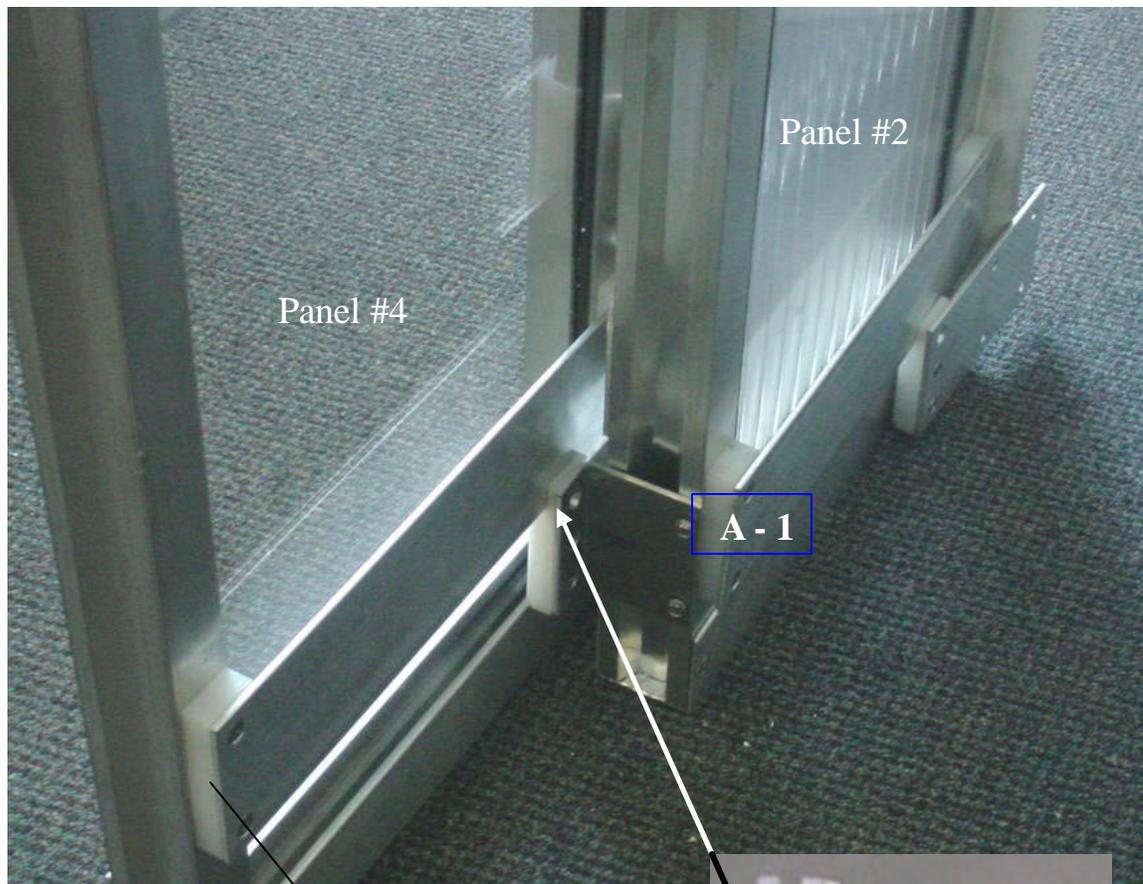
With Door Sections in Closed position:

Install Items 'B-1,C-1, and 'D-1' on Panel #2 and Panel #4 as shown

Install Items 'B-2', 'C-2' and 'D-2' on Panel #1



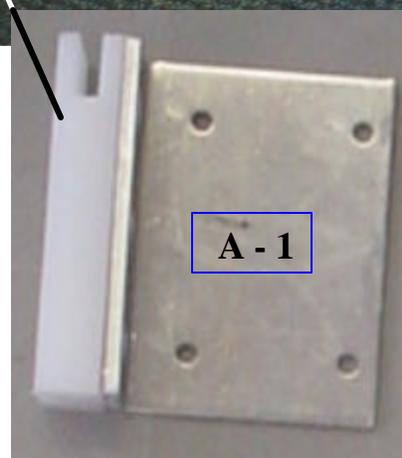
12 Install Items 'A-1' and 'A-2'



****IMPORTANT - MAKE SURE DOOR IS COMPLETELY CLOSED AS SHOWN ON PAGE 4**

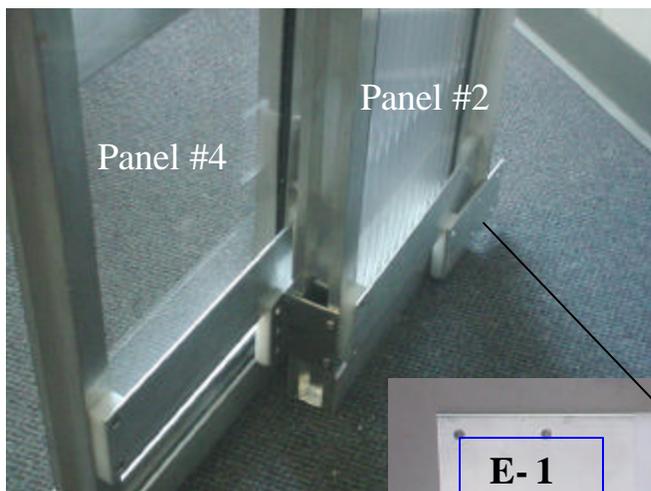
With Door Sections in Closed position:
Install item 'A-1' on Panel #2. The guide bar is inserted into slot of A-1 as shown

Follow same steps when installing item 'A-2' on Panel #1 (no picture shown)



GSP: Glider Spacer for cross brace

13 Install Items 'E-1' and 'E-2'



Keeping Door in Closed Position:
Insert item 'E-1' onto guide bar
of panel #2 and attach to wall with
screws. (screws not provided)



14 Install Item 'E-2' on Panel #1 as shown in step number 13 above

15 Preparing to install Door Brackets:

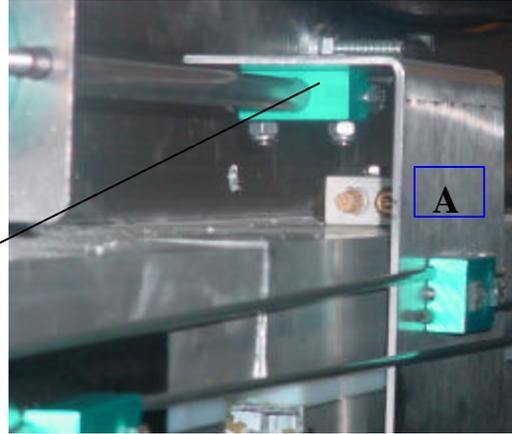
Close panels to meet in
the center



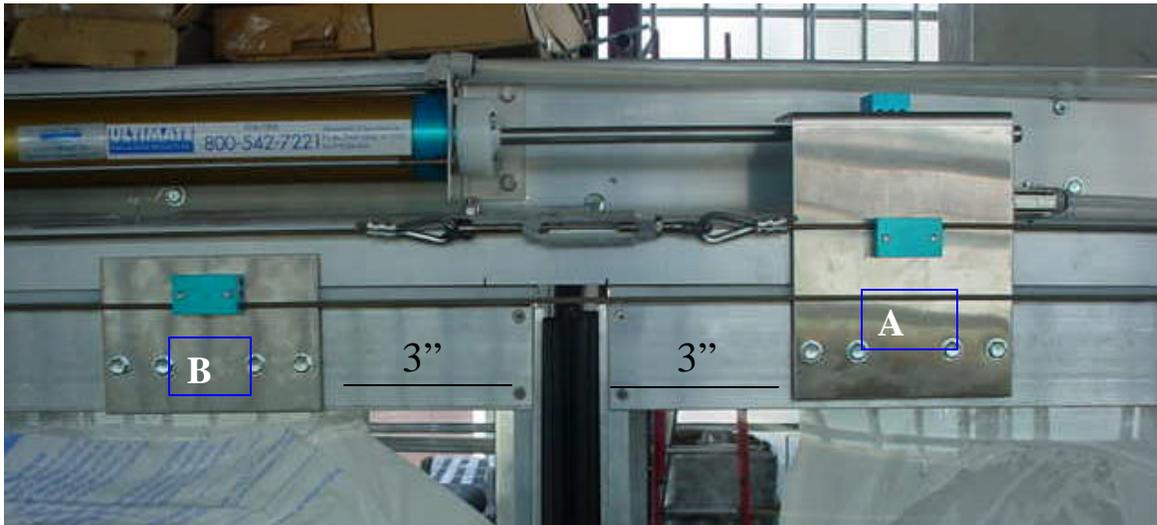
16 Install Bracket 'A'

*Important: Push Operator Rod fully into cylinder.
Now pull operator rod out of cylinder 1/4"

Slide Bracket 'A' onto operator rod and position bracket 'A' 3" from edge of door as shown on step #17. Now attach aluminum block to operator rod as shown



17 Pre Drill holes for Brackets 'A' and 'B' Attach Bracket 'A' to Panel #4 and Bracket 'B' to Panel #3 as shown Make sure brackets are attached 3" from edge of door as shown

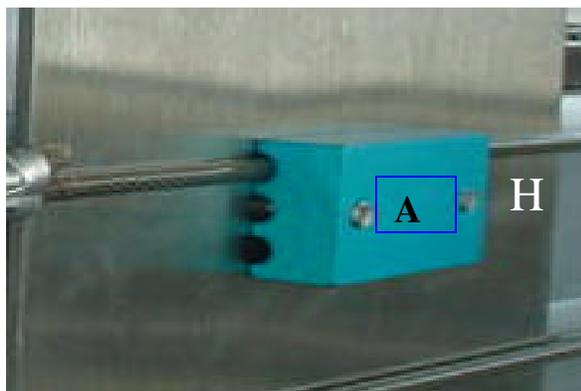


18 Install Door Cables

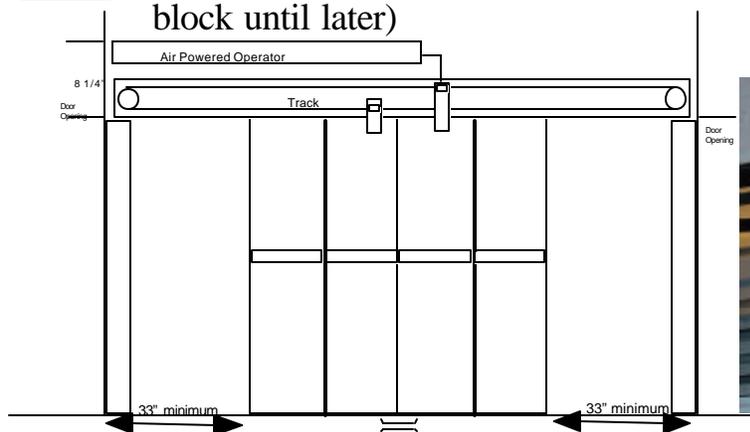
Position turnbuckle in center of door opening as shown above

19 Run cable through top slot of bracket 'A':

Tighten bolts of aluminum block down onto cable.



20 Run cable around top of pulley on right side of track and through top slot of aluminum block on bracket 'B' (do not tighten block until later)

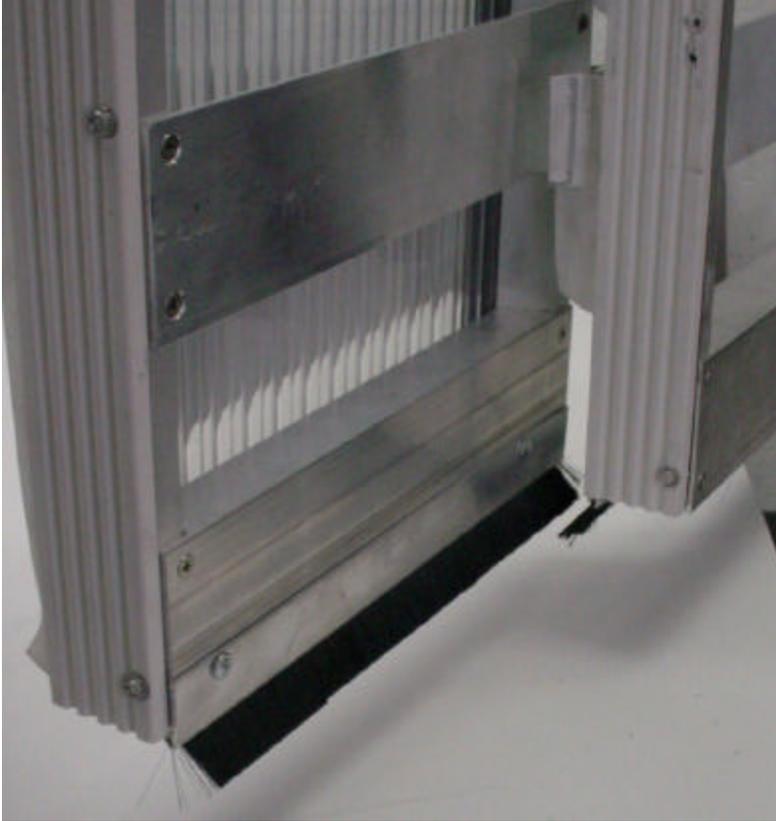


21 Continue running cable around bottom of pulley on left side of track. Connect cables together in center with turnbuckle.

Tighten cable by adjusting turnbuckle.
Do not over-tighten. Tighten aluminum block on bracket 'B'



22 Install brush on bottom of door sections



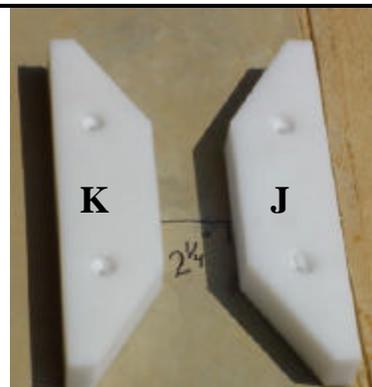
Install brush on bottom of each panel so that brush angles inward as shown. (Brushes will angle toward each other)

Bottom of brush should touch floor for a proper seal.

23

Install floor guides

Space Items 'J' & 'K' 2 1/4" apart
 Make sure center of floor guides are
 in center of door opening
 Place item 'J' even w/ door opening



24

Install Air Fittings



Figure 1

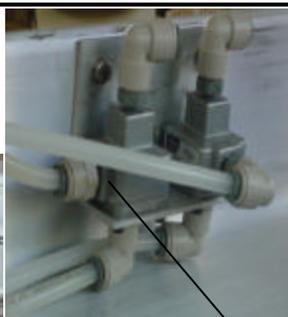


Figure 2



Figure 3

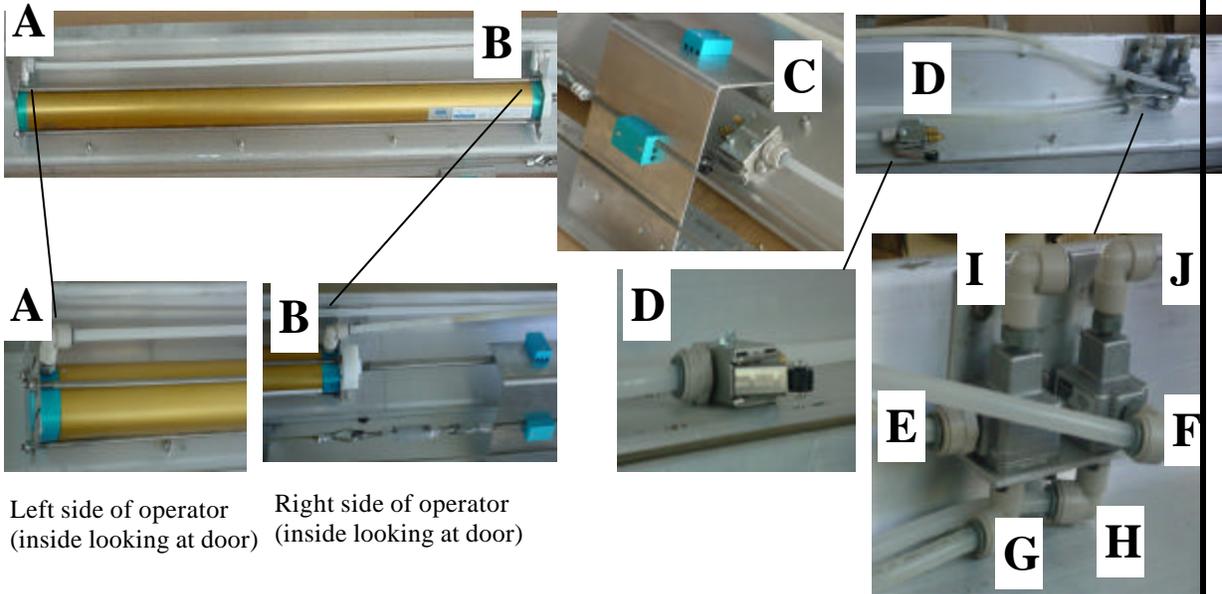
Install fittings to
 Figure 1 & 2



Install fitting to
 Figure 3 and here



25 Air line connections



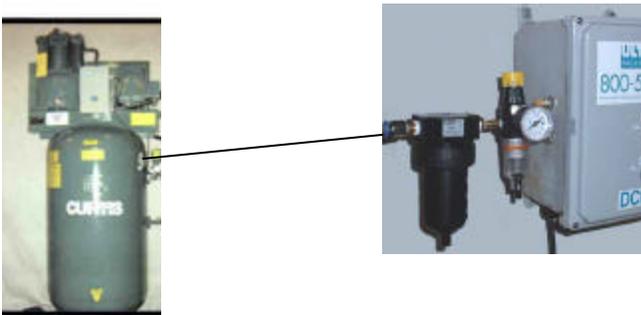
Left side of operator (inside looking at door) Right side of operator (inside looking at door)

- Connect Air line from “A” (left side of operator) to “F”
- Connect Air line from “H” to “C”
- Connect Air line from “B” (right side of operator) to “E”
- Connect Air line from “G” to “D”

- Connect air line from “I” to “K”
- Connect air line from “J” to “L”



Connect air line from compressor To Left side of Control box





Door opening requirements for Glider Door

For 10' opening— Minimum of 33" of side room on each side
 Operator will open the door 9'9" wide leaving 1 1/2" of door in opening

Make Floor level! Track and operator weight approx. 155 pounds.

Track w/ operator extends 8 1/2" above door opening.
 Track is fastened to wall w/ self tapping screws 2' apart.

