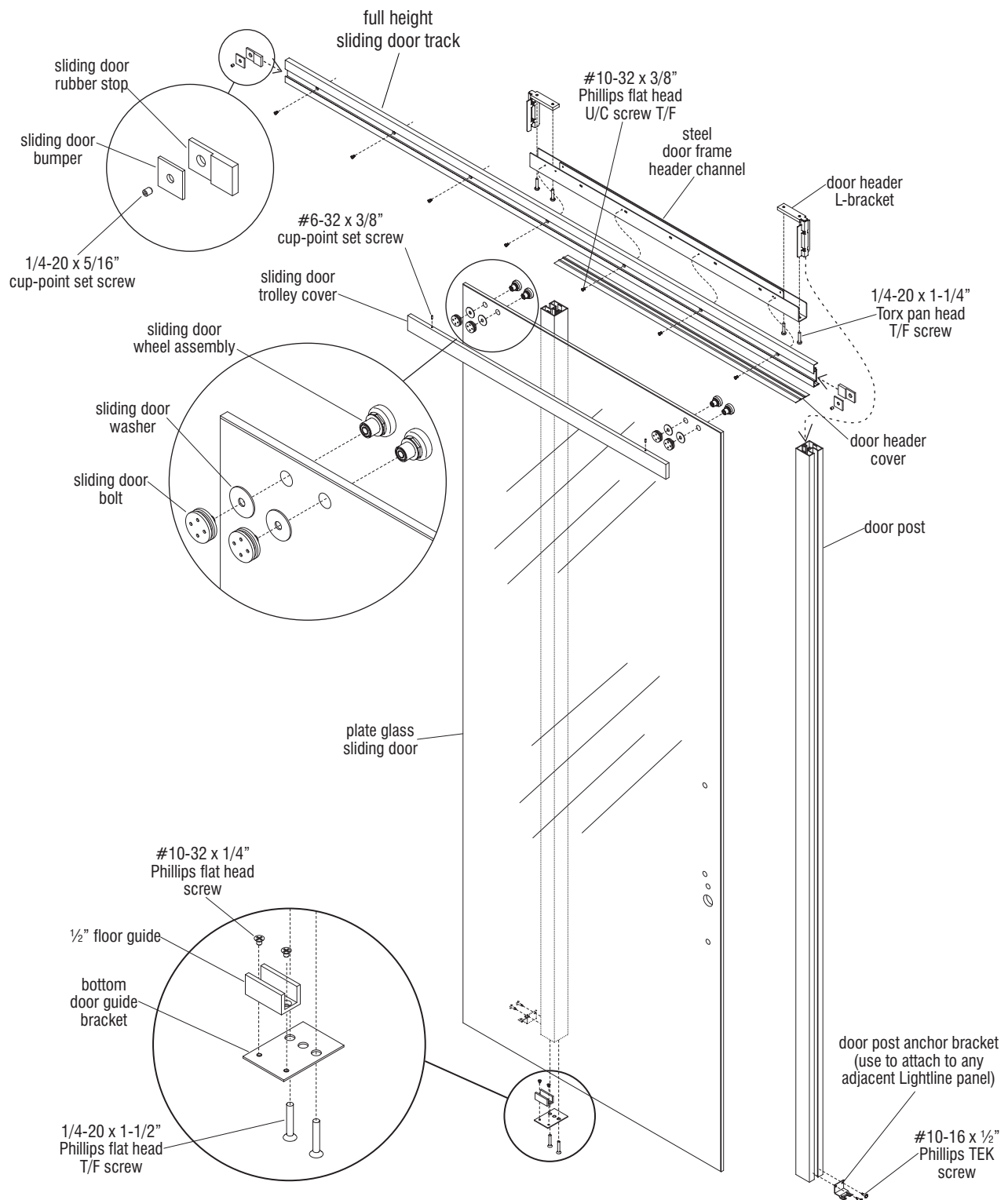


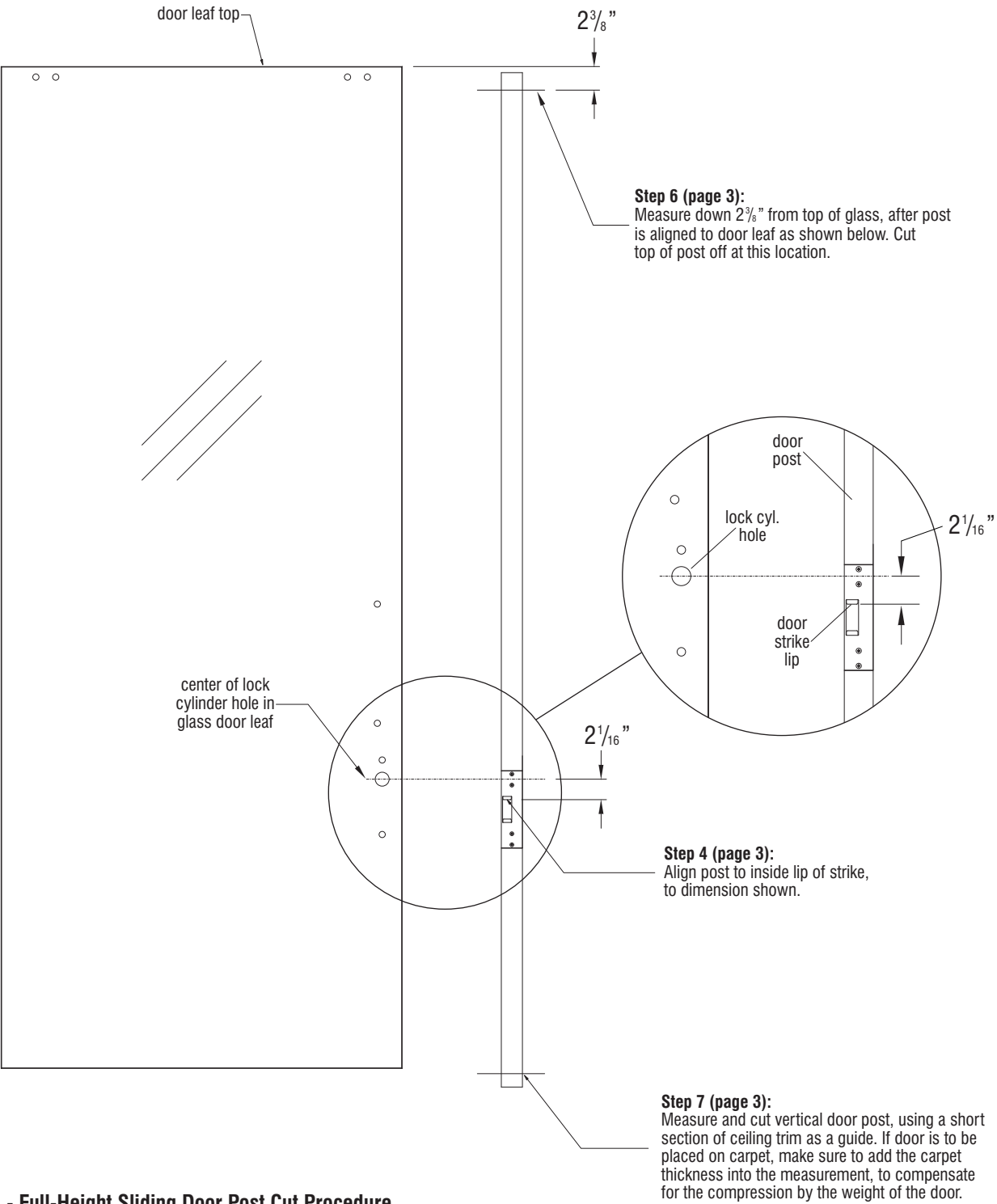
Lightline Movable Wall

Parts Identification - Full-Height Sliding Door



Lightline Movable Wall

Door Strike Post Cut Procedure - Full-Height Sliding Door



Detail A - Full-Height Sliding Door Post Cut Procedure

Lightline Movable Wall

Installation Instructions - Full-Height Sliding Door

Full height Slider Door

1. Install the bottom door glide bracket and door glide into the bottom of the non strike side door post (Figure 1 & 2). Then using a piece of the top trim measure to the floor and cut the top of that post (Figure 3).

2. Insert door header "L" bracket into the top of post (Figure 4).

3. To help with adjustments on glass panel spray plastic glazing gasket with water or glass cleaner and insert post onto adjoining glass panel.

4. Align post to inside lip of strike, to dimension shown (Page 2, Detail A).

5. If no lock is present then skip step six and go to step seven

6. Measure down $2\frac{3}{8}$ " from top of glass, after post is aligned to door leaf as shown below. Cut top of post off at this location (See page 2, Detail A).

7. Measure and cut vertical door post, using a short section of ceiling trim as a guide. If door is to be placed on carpet, make sure to add the carpet thickness into the measurement, to compensate for the compression by the weight of the door (Figure 3 & Page 2, Detail A).

8. Spray plastic glazing gasket with water or glass cleaner to ease installation and insert post onto required mount (i.e. Dry wall starter, glass panel or spine wall post.

9. Screw black door frame header channel to door header "L"- bracket in both posts. (Figures 4 & 5) Make sure to pull down on header channel as the threaded "L"- brackets are friction fit & could be pushed up by the force of the drill screw driver.

10. Cut inside ceiling extrusion to length then cut gasket at door opening and completely remove it from across door opening (Figure 6). This will allow it to fully engage with door header cover.

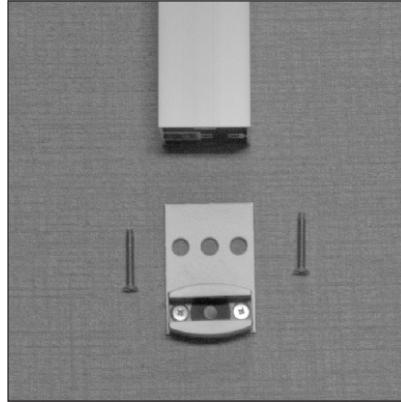


Figure 1



Figure 2



Figure 3

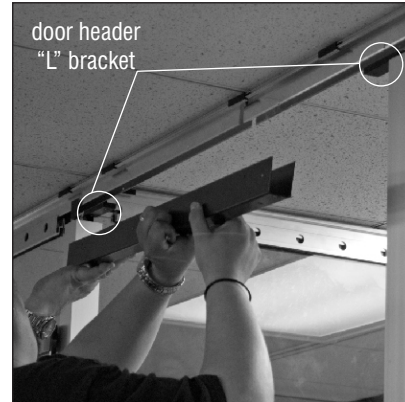


Figure 4



Figure 5

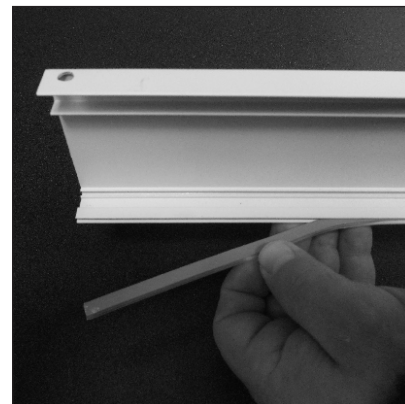


Figure 6

Lightline Movable Wall

Installation Instructions - Full-Height Sliding Door

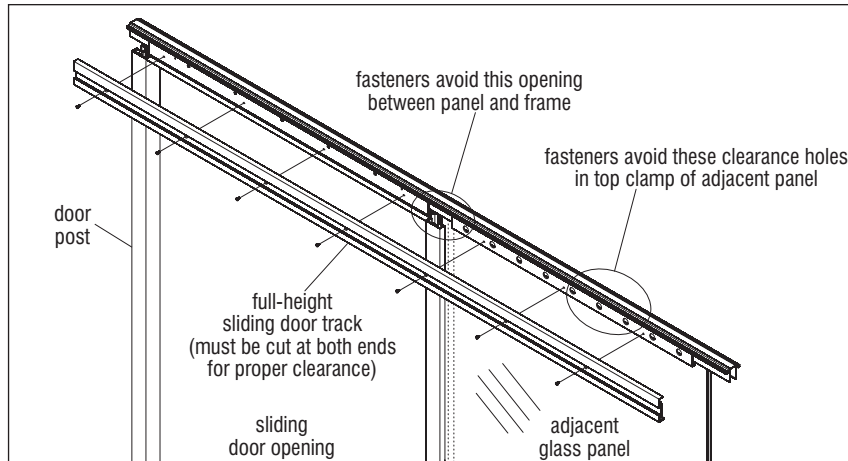


Figure 7



Figure 8

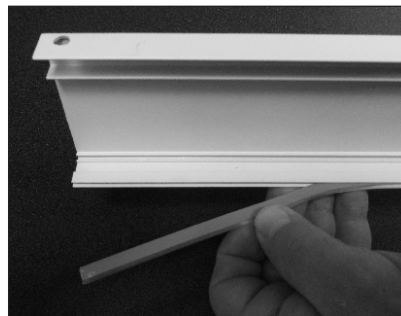


Figure 11

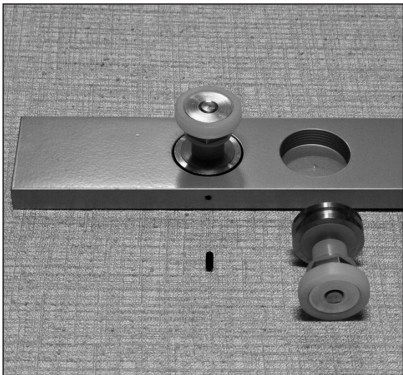


Figure 9

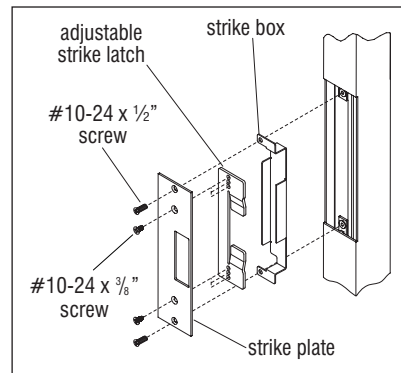


Figure 12 - Sliding Door Catch



Figure 10

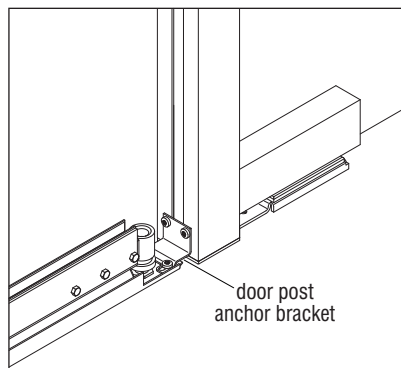


Figure 13 - Door Post Anchor

11. Align full-height sliding door track to door frame and adjacent panel. Make sure pre-drilled holes in full-height sliding door track miss opening between panel and frame, and the clearance holes in top clamp of the adjacent panel (Figure 7). Cut track at both ends.

12. Screw outside sliding door full height track rail to steel door frame header & adjacent panel top channel through $\frac{3}{16}$ " diameter counter sunk pilot hole after pre-drilling $\frac{5}{32}$ " diameter (#25 drill bit) pilot holes prior to installing #10 x 24 thread forming screws. Insert both stops and the four rollers into door track (Figure 8). Place spacer blocks or shims under door to support it. Insert glass door on four roller posts and attach with washers and bolts. Tighten rollers to glass door. Attach solid trim piece over rollers and secure with Allen screws from above (Figure 9). Remove ceiling tile for access if necessary.

Note: If rollers do not roll easily in track when pulling the door open and closed, dry lithium lubricant may be sprayed on rollers and track.

13. Locate and cut to size the door header bottom cover and install onto lower lip of outer track rail (Figure 10).

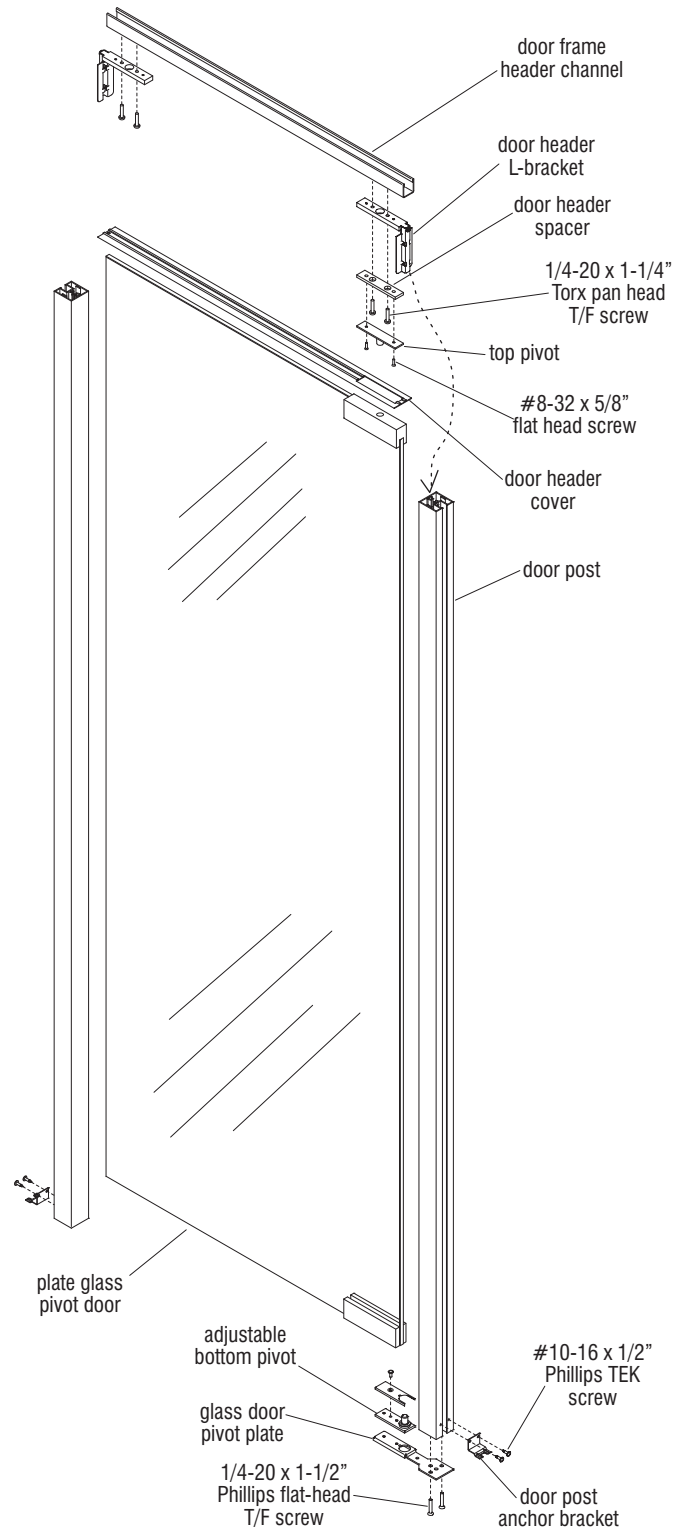
14. Cut outside ceiling extrusion to length then cut gasket at door opening and completely remove it from across door opening (Figure 11). This will allow it to fully engage with door header cover.

15. Sliding Door Adjustable Lock
After Sliding Door is fully assembled confirm the lock functions properly. If not remove top and bottom $\frac{1}{2}$ " screws and relocated adjustable strike plate up or down by removing the two inside $\frac{3}{8}$ " screws. Remount the strike plate assembly in reverse order (Figure 12).

16. Install door post anchor brackets to both vertical posts at floor. Place the bracket on panel floor channel and attach with two #10 x 24 carpet gripping screws. Then use two self-drilling screws (#38.12.9081 #10-16 x $\frac{1}{2}$ ") to attach the other end of the bracket to the post (Figure 13).

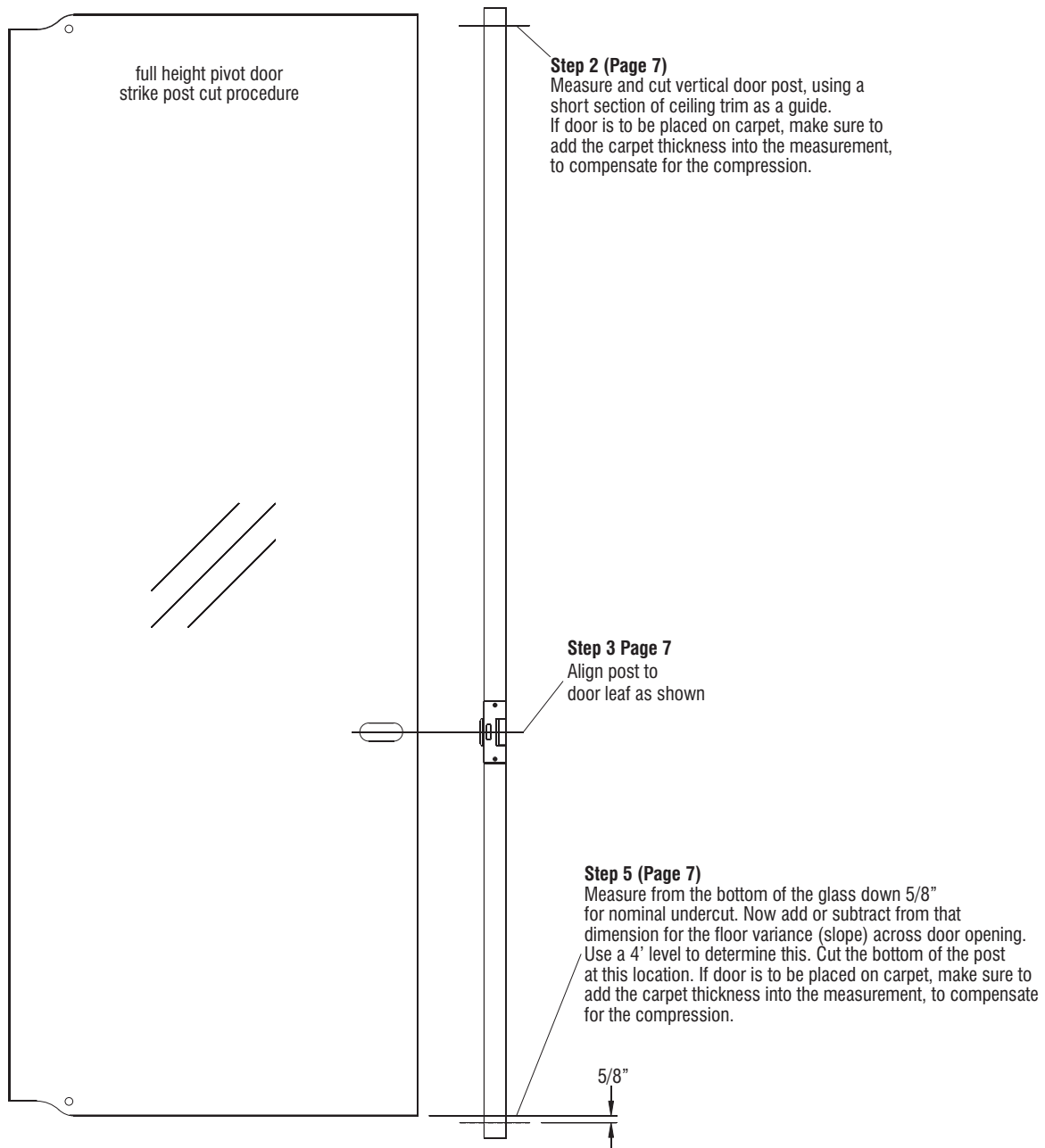
Lightline Movable Wall

Parts Identification - Full-Height Pivot Door



Lightline Movable Wall

Door Strike Post Cut Procedure - Full-Height Pivot Door



Detail A - Full-Height Pivot Door Post Cut Procedure

Lightline Movable Wall

Installation Instructions - Full-Height Pivot Door

Full Height Pivot Door

1. Install adjustable bottom pivot bracket into door post (Figures 1 & 2).

2. Measure and cut vertical door post, using a short section of ceiling trim as a guide. If door is to be placed on carpet, make sure to add the carpet thickness into the measurement, to compensate for the compression by the weight of the door (Figure 3 & Page 6, Detail A).

3. On strike side of door post, align center of strike plate to center of hole in glass (Figure 4 & Page 6, Detail A).

4. If no lock is present then skip step five and go to step six.

5. Measure from the bottom of the glass down 5/8" for nominal undercut. Now add or subtract from that dimension for the floor variance (slope) across door opening. Use a 4' level to determine this. Cut the bottom of the post at this location. If door is to be placed on carpet, make sure to add the carpet thickness into the measurement, to compensate for the compression (Page 6, Detail A).

6. Insert door header "L" brackets into top of both vertical posts.

7. Spray plastic glazing gasket with water or glass cleaner to ease installation then insert post onto required mount. (i.e. Dry wall starter, glass panel or spine wall post) (Figure 5).

8. Check opening top & bottom to be equal and plumb, adjust if necessary (Figure 6).



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

Lightline Movable Wall

Installation Instructions - Full-Height Pivot Door



Figure 7



Figure 8

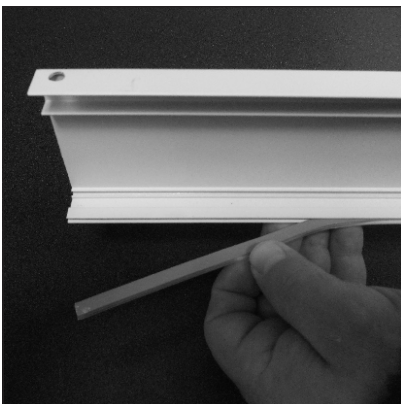


Figure 9



Figure 10



Figure 11



Figure 12

9. Screw door frame header channel to door header "L" brackets in both posts (Figure 7 & 8). Make sure to pull down on header channel as the threaded "L" brackets are friction fit and could be pushed up by the force of the screw driver action.

10. Cut inside ceiling extrusion to length then cut gasket at door opening and completely remove it from across door opening (Figure 9). This will allow it to fully engage with door header cover.

11. Assemble door header cover to top rail by first trimming it to length and placing the pivot end cutout over top pivot bracket and then inserting it into the inside ceiling trim and squeeze together.

12. Cut to length the outer ceiling trim and remove trim plastic gasket across door opening and squeeze together.

Note: Read hardware manufacture instructions before proceeding.

13. Install top & bottom pivot brackets to door glass (Figure 10) per manufactures instructions. Place door on adjustable bottom pivot (Figure 11) and secure.

14. Tilt door leaf to allow top pivot bracket to be positioned adjacent to pivot post.

15. Insert top door pivot bracket onto top pivot. Make sure pivot bracket is orientated correctly to equal the spacing between door leaf and vertical post as pivot hole is off center and must match the bottom spacing (see manufactures instructions) (Figure 12).

Lightline Movable Wall

Installation Instructions - Full-Height Pivot Door

16. Assemble any remaining door hardware per drawing or hardware manufacturer's instructions.

Door Pivot

17. Generally, most offices have doors set to swing open. This can be achieved by following these additional instructions.

Note: If door does not swing properly, plumb is not correct.

18. If top and bottom pivot points on door frame are perfectly plumb, the door will swing neutral. Most doors should swing to the open position. Adjusting the door frame so the bottom pivot is slightly out of plumb (more towards strike side) will help it swing open. Some fine tuning can be done with the upper pivot on top of the door (Figure 13).

Note: Be sure to secure all door frames with brackets at bottom (door post anchor) and top (#10-16 x 1/2" screw). Drive top screw through door frame header channel into ceiling channel. This must be done after door swing is set correctly (Figures 17 & 18).

19. Mount trim covers on firm back post then compress spring loaded front pin (Figures 14, 15, & 16).

20. Install door pivot anchor brackets to both vertical posts at floor. Place the bracket on panel floor channel and attach with two #10-24 carpet gripping screws. Then use two self-drilling screws (#38.12.9081 #10-16 x 1/2") to attach the other end of the bracket to the post (Figure 17).

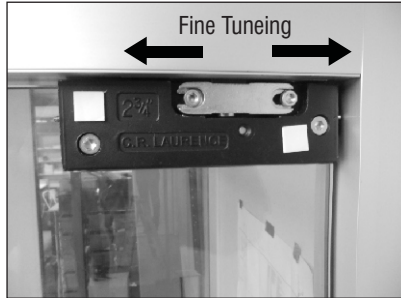


Figure 13



Figure 15



Figure 14



Figure 16

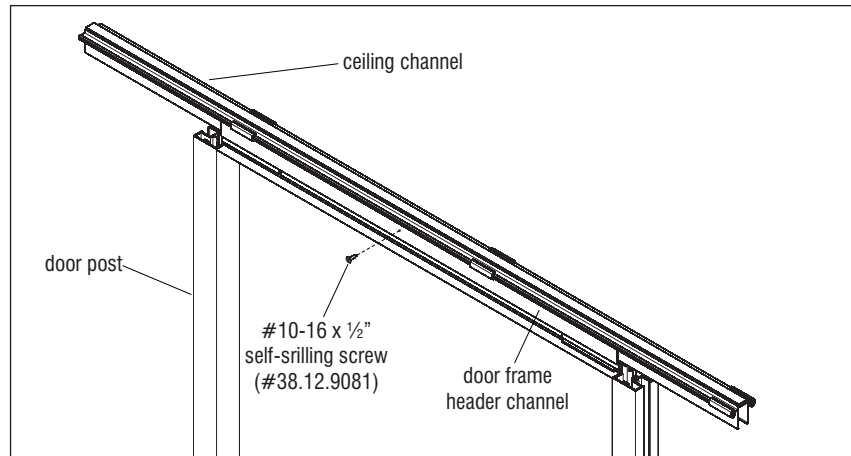


Figure 17 - Top Bracket

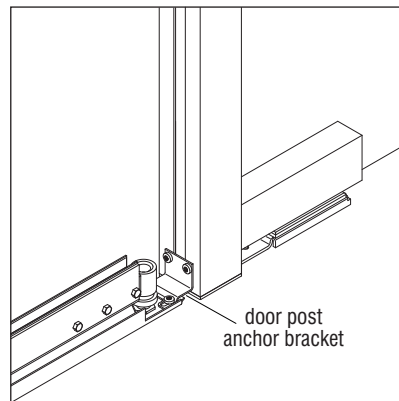


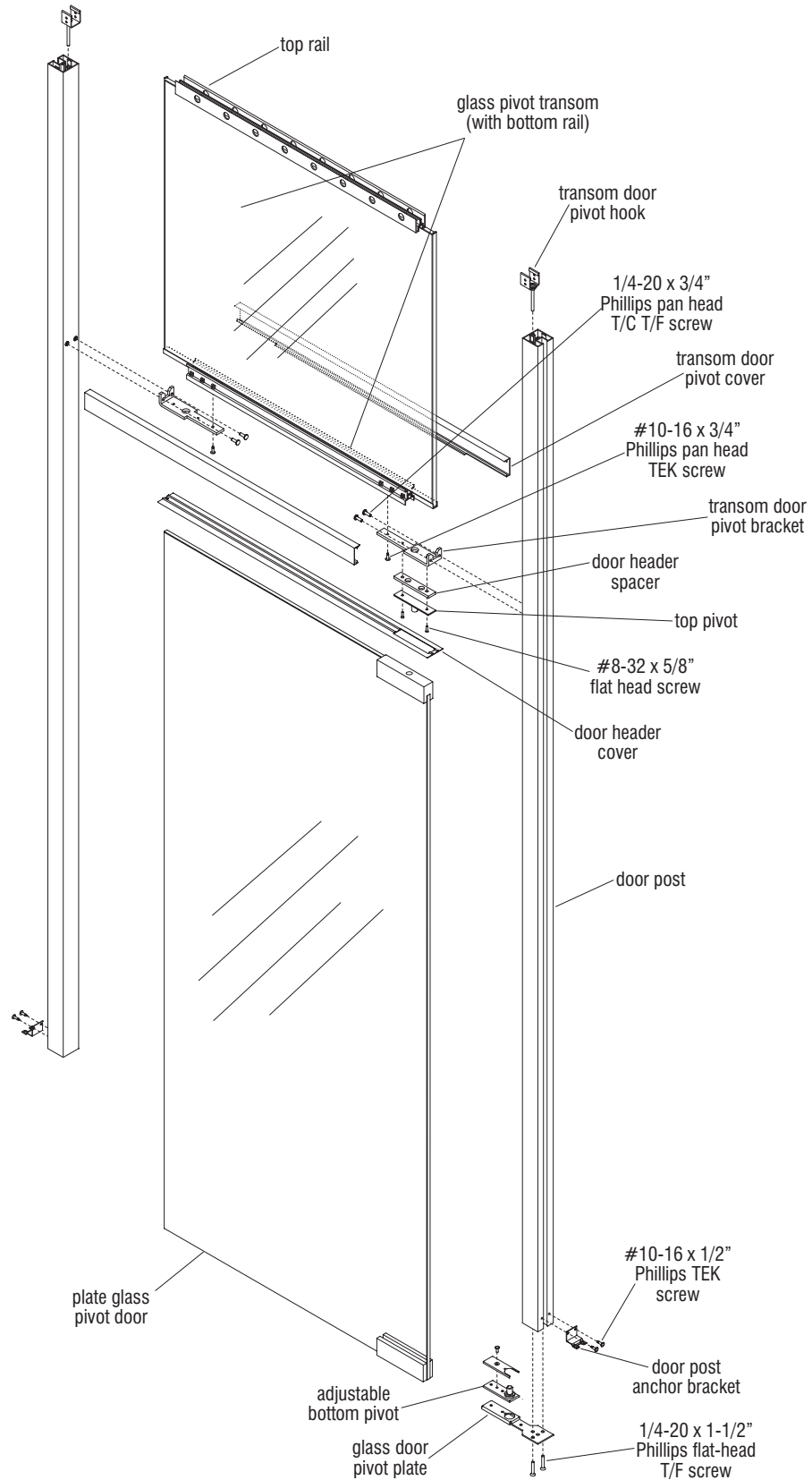
Figure 18 - Door Post Anchor

Lightline Movable Wall

Installation Instructions

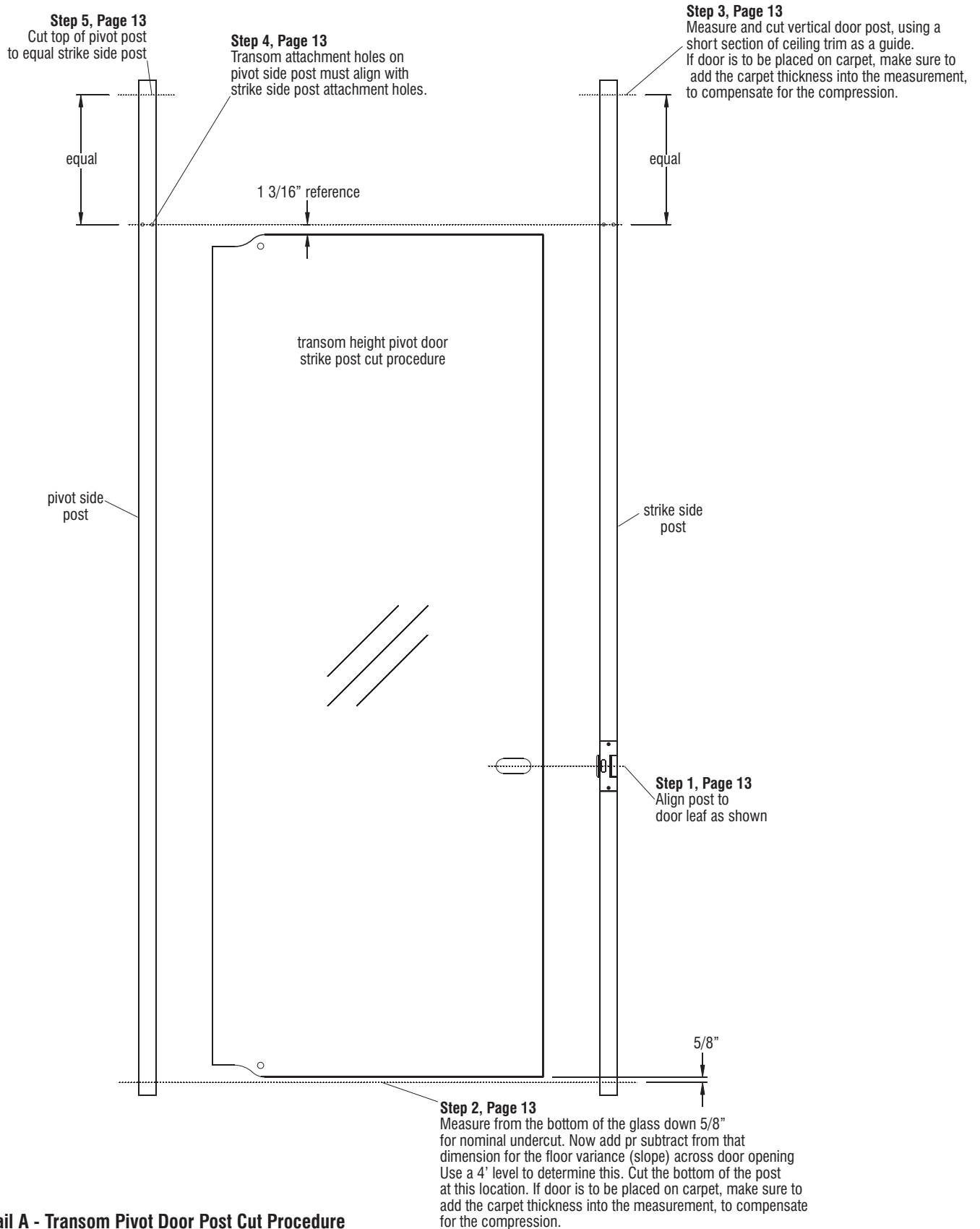
Lightline Movable Wall

Parts Identification - Transom-Height Pivot Door



Lightline Movable Wall

Door Strike Post Cut Procedure - Transom Height Pivot Door



Detail A - Transom Pivot Door Post Cut Procedure

Lightline Movable Wall

Installation Instructions - Transom-Height Pivot Door

Transom Pivot Door

1. On strike side of door post, align center of strike plate to center of hole in glass (Page 12, Detail A).

2. Measure from the bottom of the glass down $\frac{5}{8}$ " for nominal undercut. Now add or subtract from that dimension for the floor variance (slope) across the door opening. Use a 4' level to determine this. Now cut the bottom post at this point. If door is to be placed on carpet, make sure to add the carpet thickness into the measurement, to compensate for the compression (Page 12, Detail A).

3. Measure and cut strike side door post, use 3" piece of ceiling trim as shown in (Figure 1 and Step 3, Page 12). If door is to be placed on carpet make sure to add in the carpet thickness into your measurement to compensate for the compression by the weight of the door. Make sure the post is plumb (Figure 2).

4. Transom attachment holes on pivot side post must align with strike side post attachment holes (Page 12, Detail A).

5. Cut top of pivot post to equal strike side post (Page 12, Detail A).

6. Measure and cut pivot side vertical door post bottom, using short section of trim as a guide. If door is to be placed on carpet, make sure to add the carpet thickness into measurement, to compensate for the compression by the weight of the door (Figure 1). Allow for thickness of pivot plate (Figure 3 & 4).



Figure 1



Figure 2



Figure 3



Figure 4

Lightline Movable Wall

Installation Instructions - Transom-Height Pivot Door



Figure 6



Figure 7

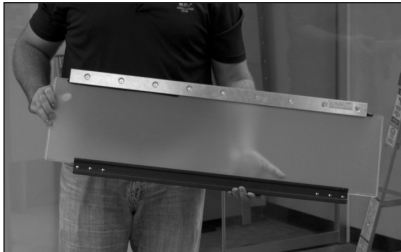


Figure 8



Figure 9



Figure 10



Figure 11

7. Attach both (Figure 6) posts & then insert (Figure 7) transom glass with steel bottom support attached (Figure 8) along with top aluminum extrusion then screw bottom to both door header "L" brackets. (Figure 9, 10, 11)

Lightline Movable Wall

Installation Instructions - Transom-Height Pivot Door

8. Check opening top & bottom to be equal and plumb (Figure 12 & 13).



Figure 12

9. Assemble door header cover to top rail by first trimming it to length and placing the pivot end cut out over pivot bracket and then inserting it into the inside ceiling trim and squeeze together.

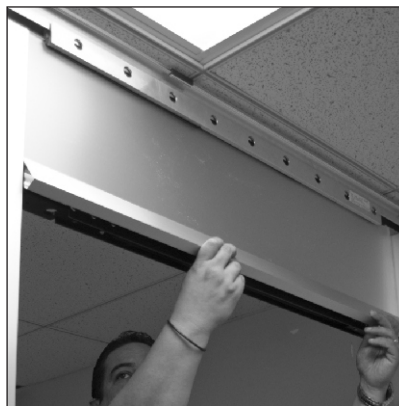


Figure 15

10. Cut to length the door header trim (Figure 14).



Figure 13

11. Hang inner trim onto transom pivot bottom rail (Figure 15). Locate bottom piece with cut-out over top pivot plate (Figure 16). Hang inner and outer trim on transom pivot bottom rail and squeeze three-piece assembly together (Figure 17).



Figure 14

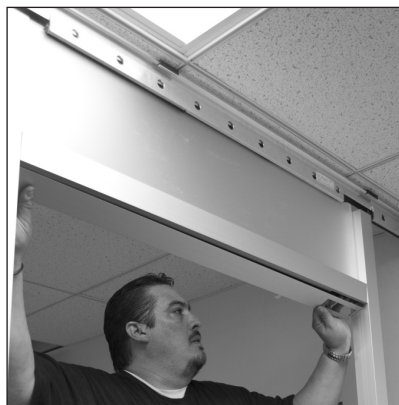


Figure 16



Figure 17

Lightline Movable Wall

Installation Instructions - Transom-Height Pivot Door



Figure 19



Figure 22



Figure 20

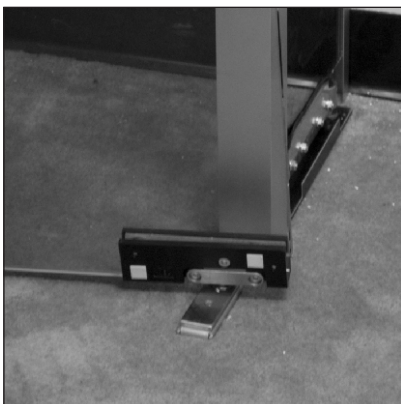


Figure 21

10. Install top & bottom pivot brackets to door glass (Figure 19 & 20) per manufacture's instructions. Place door on adjustable bottom pivot (Figure 21) bracket and secure.

11. Tilt door leaf to allow top pivot bracket to be positioned adjacent to pivot post.

12. Insert top pivot bracket onto top pivot post. Make sure pivot bracket is orientated correctly to equal the spacing between door leaf and vertical post as pivot hole is off center and must match the bottom spacing (see manufacture's instructions) (Figure 22).

Lightline Movable Wall

Installation Instructions - Transom-Height Pivot Door

13. Assemble any remaining door hardware pre drawing or hardware manufacturer's instructions.

Door Pivot

14. Generally, most offices have doors set to swing open. This can be achieved by following these additional instructions.

Note: If door does not swing properly, plumb is not correct.

15. If top and bottom pivot points on door frame are perfectly plumb, the door will swing neutral. Most doors should swing to the open position. Adjusting the door frame so the bottom pivot is slightly out of plumb (more towards strike side) will help it swing open. Some fine tuning can be done with the upper pivot on top of the door (Figure 23).

Note: Be sure to secure all door frames at the top and the bottom after door swing is set correctly. At the top, a #10-16 x 1/2" screw secures the transom door pivot hook to the ceiling channel (Figure 27). The same screw secures door post anchor brackets to the door post at the bottom (Figure 28).

16. Mount trim covers on firm back post then compress spring loaded front pin (Figures 24, 25, & 26).

17. Install door post anchor brackets to both vertical posts at floor. Place the bracket on panel floor channel and attach with two #10 x 24 carpet gripping screws. Then use two self-drilling screws (#38.12.9081 #10-16 x 1/2") to attach the other end of the bracket to the post (Figure 28).

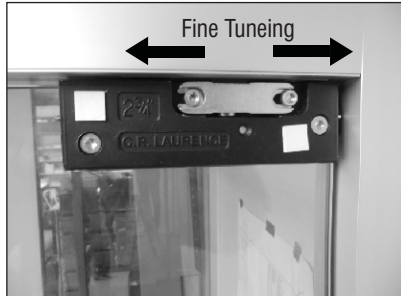


Figure 23



Figure 24



Figure 25



Figure 26

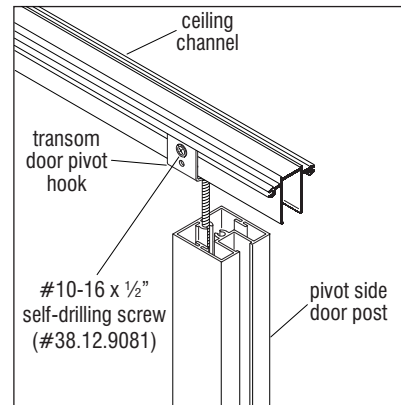


Figure 27 - Top Bracket

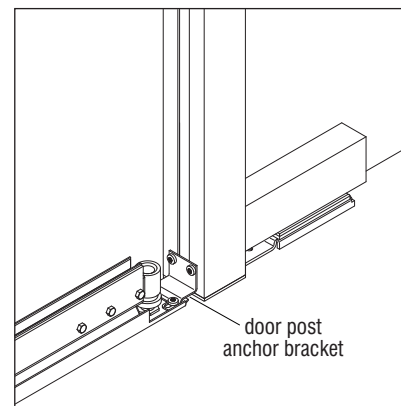


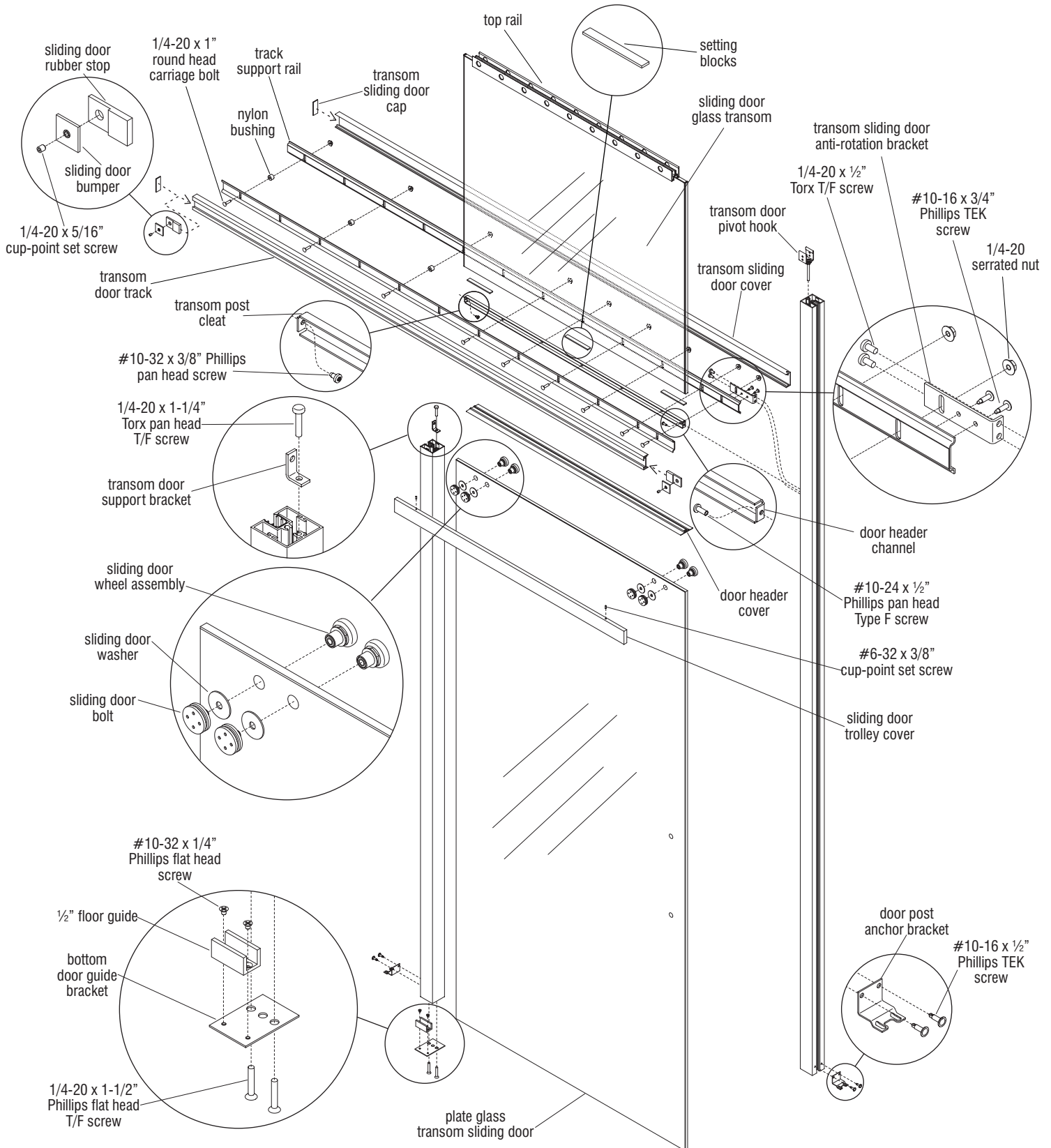
Figure 28 - Door Post Anchor

Lightline Movable Wall

Installation Instructions

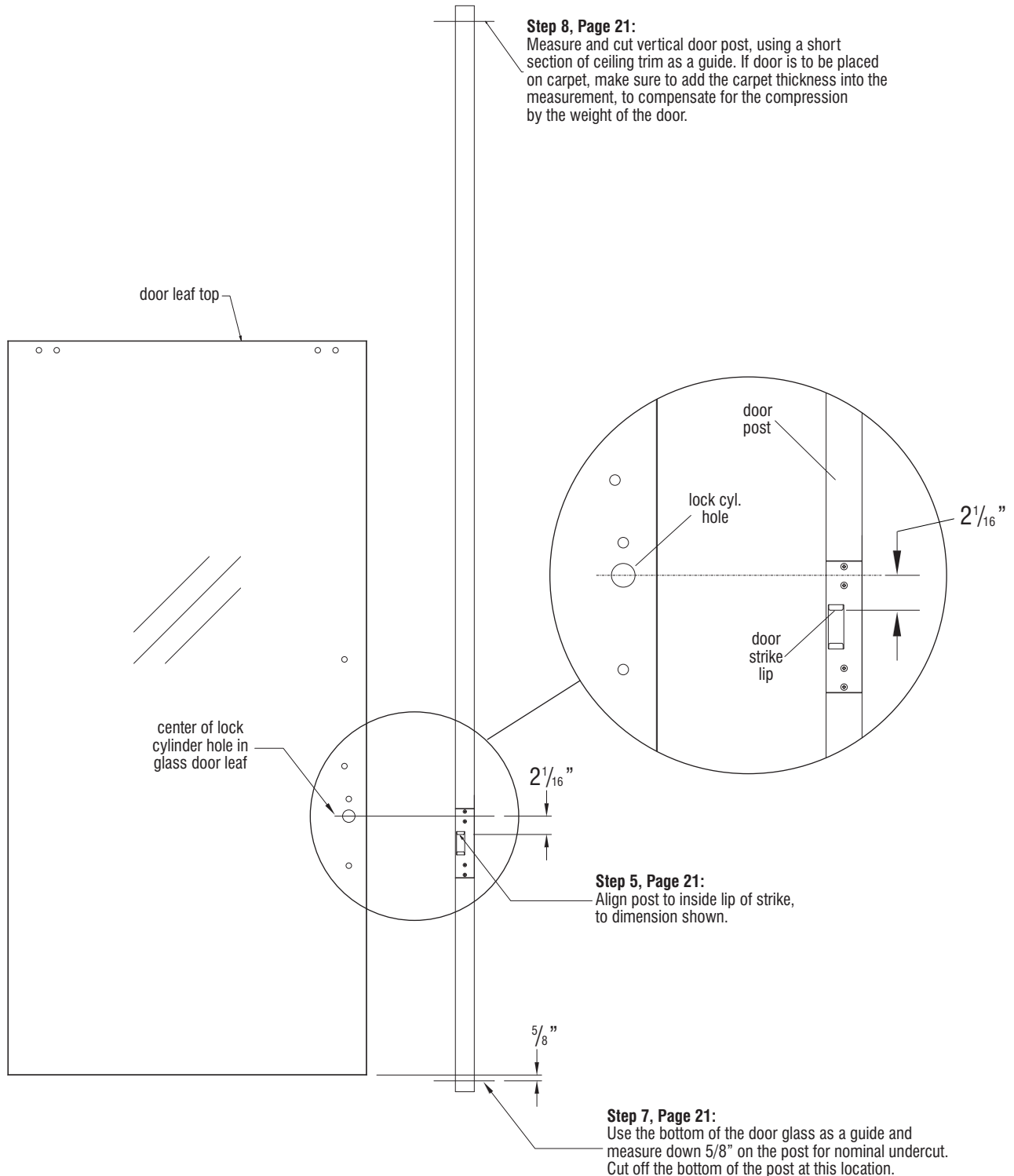
Lightline Movable Wall

Parts Identification - Transom-Height Sliding Door



Lightline Movable Wall

Door Strike Post Cut Procedure - Transom Height Sliding Door



Detail A - Transom Height Sliding Door Post Cut Procedure

Lightline Movable Wall

Installation Instructions - Transom-Height Sliding Door

Transom Slider Door

Caution: Adjacent panel to door opening is not symmetrical.

1. Place adjacent panel with the three holes.

Note: For orders with a NST part number Transom-Height sliding door frame, remove factory installed aluminum extrusions and discard (refer to floor plan for door frame part number).

2. Plumb panel in correct location and adjust base glides so the three holes are at the section elevation dimension from planning layout (see elevation view in Lightline instruction).

3. Install the base plate and door glide into the bottom end of the trailing side vertical post (Figure 1). Then cut the top of that post to 1" below the Section View Door Height shown on the floor plan (Figure 2 and see elevation view in Lightline instruction).

4. Attach "L"-bracket into top of post (Figure 3) and attach cleat to "L"-bracket, level, and mark hole in center of Strike Side Vertical post (Figure 4). Punch and drill with ($\frac{5}{32}$ " or #25 drill) and attach with #10-24 thread forming screw #31.12.9070 making sure header channel remains level.

5. Locate lock side vertical post and align strike location with lock set installed in door leaf (Figure 6 & Page 20, Detail A).

6. If no lock is present then skip step six and cut post to 3" short of ceiling height measured at post location.

7. Use the bottom of the door glass as a guide and measure down $\frac{5}{8}$ " on the post for nominal undercut. Cut off the bottom of the post at this location (Figure 6 & Page 20, Detail A).

8. Measure and cut vertical door post, using a short section of ceiling trim as a guide (Figure 7). If door is to be placed on carpet, make sure to add the carpet thickness into the measurement, to compensate for the compression by the weight of the door (See Page 20, Detail A).

9. Using the center hole in the glass panel as a starting point, choose a slot in the track support rails that will allow the rails to run from the strike side vertical post to the panel seam on the opposite end of adjacent panel and cut both ends of the steel rails (Figure 8).

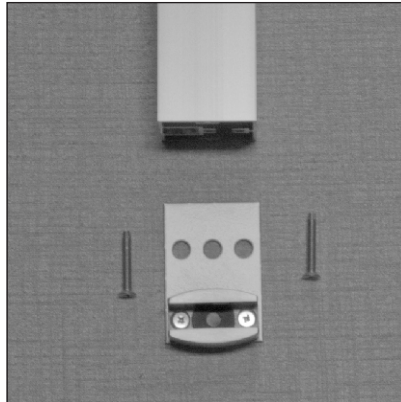


Figure 1



Figure 2

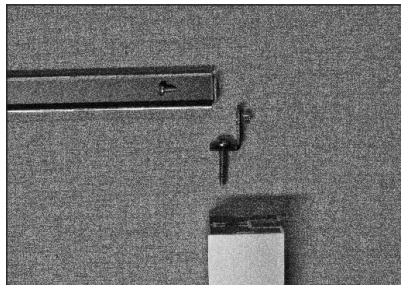


Figure 3

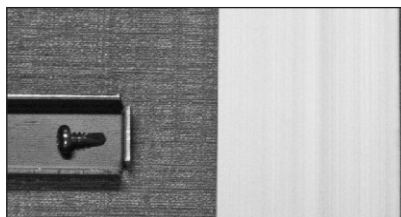


Figure 4



Figure 5



Figure 6



Figure 7

Lightline Movable Wall

Installation Instructions - Transom-Height Sliding Door



Figure 8

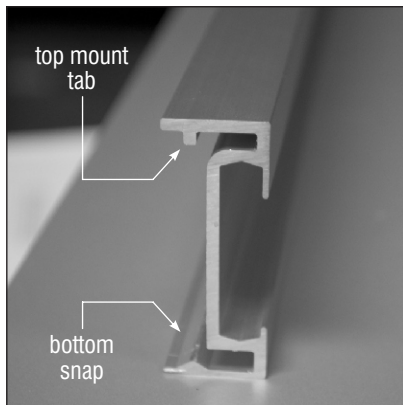


Figure 9



Figure 10



Figure 11

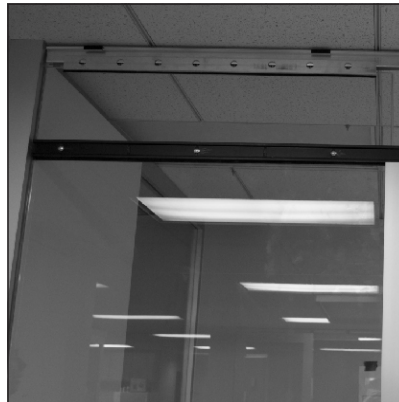


Figure 12



Figure 13

10. Insert three nylon bushings in to glass holes. Loosely attach both track support rails through the three holes in the stationary glass panel (Figure 8) with carriage bolts provided.

11. Aluminum Door track and covers ship long from factory, cut approximately 2" off of end of track and cover that has the paint hole. Snap this 2" section of track and cover extrusions onto track support rails directly above non-strike side post (Figure 9). This is to ensure proper clearance for track and cover above post. Tighten three bolts in glass panel making sure track support rails are at same height and level (Figure 10). Final assembly of track support rail shown in shown in (Figure 11 & 12).

12. Drill remaining clearance holes through slots in track support rails into door header channel above door opening for $\frac{1}{4}$ " carriage bolts with "H" or $\frac{9}{32}$ " diameter drill. Install remaining carriage bolts and tighten.

13. Position anti-rotation bracket into track support rail opposite of track side. Mark the two holes through the bracket into the post allowing small amount of pre-torque in opposite direction of track to counteract weight of door. Punch and drill with #7 or $\frac{3}{16}$ " diameter drill. Screw anti-rotation bracket to post with two $\frac{1}{4}$ -20 thread cutting screws 49.1270. Screw anti-rotation bracket to track support rails with two #10 truss head TEK screws 49.0460 (Figure 13).

Lightline Movable Wall

Installation Instructions - Transom-Height Sliding Door

14. Place three rubber glass setting blocks #50.1023 onto top surface of door header channel, one on either end and one in the middle. Install transom glass piece by aligning top with ceiling rail (Figure 14).



Figure 14

15. Place both two door stops (with rubber end toward middle) and four rollers into slider extrusion (Figure 15) and hang extrusion on the outside of steel.

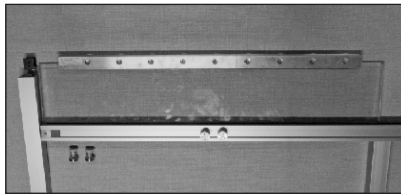


Figure 15

16. Place spacer blocks or shims under door to support it (Figure 16) Insert bushings into holes in the glass door (Figure 17 & 18) and attach it to the four roller posts (Figure 18). **Note: If rollers do not roll easily in track when pulling the door open and closed, dry lithium lubricant may be sprayed on rollers and track.** Attach solid trim piece over rollers and secure with Allen screws from above if possible (Figure 19 & Page 4, Figure 9).



Figure 16

17. Assemble door header trim to top rail by first cutting it to length and then inserting it into the outer roller track.

18. Cut to length the inner cover trim and squeeze together trapping the header trim.

19. Cap ends of rails with adhesive backed covers (Figure 20).



Figure 18



Figure 19

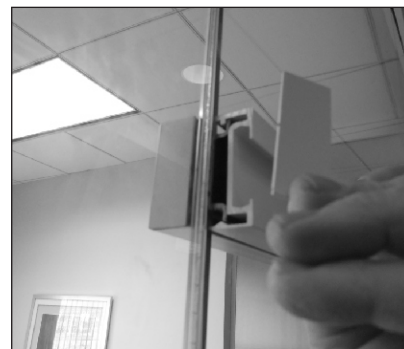


Figure 20

20. Install door post anchor bracket to both vertical posts at floor. Place the bracket on panel floor channel and attach with two #10 x 24 carpet gripping screws. Then use two self-drilling screws (#38.12.9081 #10-16 x 1/2") to attach the other end of the bracket to the post (Figure 21).



Figure 17

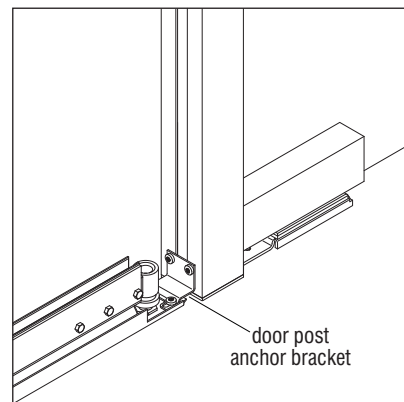


Figure 21 - Door Post Anchor

Lightline Movable Wall

Installation Instructions