WARRANTY WILL BE VOID
IF INSTALLED BY UNTRAINED PERSONNEL
ALL PERSONNEL MUST WATCH INSTRUCTIONAL VIDEO AND
PASS ON-LINE TEST BEFORE INSTALLING THIS PRODUCT

Go to: Install.SpecADsystems.com and select
“Register” to view instructional materials.
If you need assistance, please contact:

AD Systems
Phone: 425-374-1360
Email: ADSystems.CustomerService@Allegion.com
Live Web Chat: www.SpecADsystems.com
and select “Live Chat”

To view Installation video go to: Install.SpecADsystems.com

WARNING

THIS MANUAL INSTRUCTS YOU HOW TO INSTALL AND OPERATE
THE AD SYSTEMS SLIDING DOOR SYSTEM.

IF YOU DISREGARD THE INSTRUCTIONS, INFORMATION, AND/OR
WARRANTY IN THE MANUAL, YOU COULD BE ASSUMING
RESPONSIBILITY FOR DAMAGES, COSTS, OR INJURY
INCURRED BY SUCH DISREGARD.

CONTACT YOUR AD SYSTEMS PROJECT MANAGER FOR ANY
QUESTIONS REGARDING YOUR INSTALLATION.

WARRANTY AND INSTALLATION VIDEO
## ExamSlide™ Door Installation Instructions

### Single Door System

**www.specADsystems.com**

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**NOTE:** FOR SINGLE DOOR WITH SIDELITE AND/OR TRANSOM, REFER TO ADDITIONAL DOCUMENT OF SPECIFIC SUPPLEMENTAL INSTRUCTIONS. SUPPLEMENTAL INSTRUCTIONS STEPS WILL CORRESPOND WITH THE STEPS IN THIS INSTALLATION INSTRUCTION.
NOTICE
CHECK SHIPMENT TO BE SURE THAT ALL PARTS ARE ACCOUNTED FOR. CUSTOMER HAS (7) DAYS TO CLAIM MISSING PARTS!

FIGURE A.
SILL GUIDE

# FASTENERS:
F1 #10 X 1" HEX WASHER HEAD TAPPING SCREW (HWHTS)
F2 #14 X 2" HEX HEAD SELF-DRILLING SCREW (HHSDS)
F3 #6 X 1/2" PHILLIPS MODIFIED TRUSS SELF-DRILLING SCREW (PMTSDS)
F4 #10 X 1/2" PHILLIPS FLAT HEAD SELF-DRILLING SCREW (PPHMS)
F5 #10 X 2-1/2" HEX HEAD SELF-DRILLING SCREW (HHSDS)
F6 #10 X 1-1/2" PHILLIPS PAN HEAD SELF-DRILLING SCREW (PPHSDS)
F10 #8 X 1" PHILLIPS FLAT HEAD SCREW (PHFS)
F11 #8 X 1" MASONRY & CONCRETE ANCHOR SLEEVE (PLASTIC)
F12 #10-32 X 3/4" FLAT HEAD PHILLIPS MACHINE SCREW (FPMMS)
F13 #10-32 FULL NYLOCK NUT
F18 #8 X 3/4" PHILLIPS MODIFIED TRUSS SELF-DRILLING SCREW (PMTSDS)

# SYSTEM PARTS
1 PERIMETER BASE FRAME
2 4 7/8" WALL PERIMETER INTERIOR TRIM
3 5 1/4" WALL PERIMETER INTERIOR TRIM
4 5 7/8" WALL PERIMETER INTERIOR TRIM
5 7 1/4" WALL PERIMETER INTERIOR TRIM
6 EXTERIOR TRIM & RACEWAY WITH GASKET
7 STILE POCKET
8 CARRIAGE TRACK
9 VALANCE
10 LEFT & RIGHT END CAP
11 STILE SUPPORT BRACKET
12 OM - HD FIXED SILL GUIDE
13 LH HD ADJUSTABLE SILL GUIDE
14 RH HD ADJUSTABLE SILL GUIDE
16 STRIKE PLATE ASSEMBLY (IF REQ.)
28 BUBBLE LEVEL FOR TRACK
30 G2SB120-SHIM
42 LH OFFSET FIXED SILL GUIDE
43 RH OFFSET FIXED SILL GUIDE
60 COTTER PIN, 3.5 X 27 X 75mm
61 LH OFFSET ADJUSTABLE SILL GUIDE
62 RH OFFSET ADJUSTABLE SILL GUIDE

ASSEMBLY TOOLS AND SUPPLIES
- PENCIL, SHARPIE OR SIMILAR
- LEVEL
- LASER LEVEL (IF INSTALLING MULTIPLE ADJACENT DOORS)
- CHOP SAW WITH 80-TOOTH MINIMUM CARBIDE TIP BLADE
- 2 - 4 BAR CLAMPS ("QUICK CLAMP")
- DRILL
- 3/8" NUT DRIVER BIT FOR IMPACT DRIVER
- 5/16" NUT DRIVER BIT FOR IMPACT DRIVER
- #2 PHILLIPS HEAD BIT
- #3 PHILLIPS HEAD BIT
- 9/64" DRILL BIT
- 1/4" MASONRY BIT
- 1/2" OPEN END WRENCH
- MEDIUM SIZED FLAT HEAD SCREW DRIVER
- HAMMER DRILL OR POWDER ACTUATED NAIL GUN
- IMPACT DRIVER
- KNIFE / SCISSORS
- HANGER BRACKET WRENCH - SUPPLIED BY AD SYSTEMS
- NON-MARRING RUBBER MALLET
- NON-PERMANENT LOCTITE ADHESIVE, BLUE
- SHIMS
- ISOPROPYL ALCOHOL
- SETTING BLOCK (IF GLASS IS FIELD INSTALLED)

ASSEMBLY TOOLS AND SUPPLIES
- SCREW WAX -- USED TO LUBRICATE FASTENERS IN STEP 3. (PROVIDED WITH EVERY PALLET)

ExamSlideᵀᴹ Single Door System

Sep2019 REV7 Page 1 FRAME PARTS
NOTE: ALUMINUM STILE AND RAIL DOOR LEAVES ARE FACTORY ASSEMBLED BY AD SYSTEMS WITH HANGERS & BOTTOM TRACK PRE-INSTALLED.

SOFT CLOSE DAMPERS & PULL HANDLES ARE TO BE FIELD INSTALLED.

CHECK SHIPMENT TO BE SURE THAT ALL PARTS ARE ACCOUNTED FOR. CUSTOMER HAS (7) DAYS TO CLAIM MISSING PARTS!
NOTE:
WOOD DOORS ARE TO BE FIELD ASSEMBLED WITH HANGERS, BOTTOM TRACK, SOFT CLOSE DAMPERS AND PULL HANDLES OR ANY OTHER HARDWARE.

OPTIONS:
- D2
- D3

CHECK SHIPMENT TO BE SURE THAT ALL PARTS ARE ACCOUNTED FOR. CUSTOMER HAS (7) DAYS TO CLAIM MISSING PARTS!
HANDING INFORMATION:
- DOOR IS ALWAYS VIEWED FROM VALANCE SIDE FOR HANDING PURPOSES.
- STANDARD LAYOUT SHOWS VALANCE SIDE IS OUTSIDE & NON-VALANCE SIDE IS ROOM SIDE.
  * "OL" = OPEN LEFT
  * "OR" = OPEN RIGHT

STANDARD HARDWARE CONFIGURATIONS: (IF EQUIPPED)
- THUMBTURN LEVER ALWAYS ON ROOM SIDE AND KEYED CYLINDER ALWAYS ON VALANCE SIDE. *

NOTE:
* ANY DOOR THAT IS TO BE CONFIGURED OPPOSITE OF THE STANDARDS ABOVE, MUST BE INDICATED BY AN "R" FOR REVERSE.
  * "OL-R" = OPEN LEFT - REVERSE
  * "OR-R" = OPEN RIGHT - REVERSE

PLEASE CONTACT YOUR AD SYSTEMS PROJECT MANAGER, IF YOU HAVE ANY QUESTIONS.
**STEP 1.1** REQUIRED PRE-CONSTRUCTION INSTRUCTIONS

Locate the door on supplied shop drawings, then measure wall opening and compare them with the height and width rough opening on the drawing for that door.

**Step 1.2** VERIFY ROUGH OPENINGS

If actual rough opening varies by more than 1/4" ± from what is shown on the drawings contact your AD Systems Project Manager.

**STEP 1.2.1. ESTABLISH FRAME HEIGHT**

- Measure the wall opening from the top of the finish floor to the underside of the head stud at each vertical jamb. Then average the two dimensions and deduct 1/4". This will give you the dimension of the frame height.
- Write this number down as your vertical cut length for the vertical frames. This will be used in Step 2.

**STEP 1.2.2.**

- For multiple door openings in a row, establish a bench mark (level line) across the doors.
- The dimension above bench mark should stay constant to top door frame.
- Dimension below bench mark may vary depending on variances in floor level.
- These steps will ensure all the valances are at the same height and level.
- Check if floor is level, make note of any significant incline so steps can be taken later to address this.

**TRACK SUPPORT AT HEAD FOR CARRIAGE TRACK REQUIREMENTS:**

All existing product testing to date has been performed with 2x6 lumber backing in the wall above door for entire length of door track, Figure 1A.

The support is required to provide adequate fastener pull-out resistance, and also increased vertical resistance to “see-saw” tilting action of the fastener over time due to the weight and vibration of the door movement.

If any support method or material other than 2x6 lumber backing is used, it will need to be verified by the customer’s authorized structural engineer.

AD Systems Standard Warranty will not cover any issues that result from inadequate wall backing or improper mounting of the door carriage track.

**AD SYSTEMS STANDARD WARRANTY WILL NOT COVER ANY ISSUES THAT RESULT FROM INADEQUATE WALL BACKING OR IMPROPER MOUNTING OF THE DOOR CARRIAGE TRACK.**

**FIGURE 1A. BLOCKING AT HEAD**

FIGURE 1B. STUD FRAMING AT JAMBS

Use a minimum of 16 ga stud framing.

**MINIMUM STUD FRAMING REQUIREMENTS AT JAMB:**

Must use a minimum of 16 ga stud framing.

AD Systems Standard Warranty will not cover any issues that result from inadequate stud framing.

Check if floor is level, make note of any significant incline so steps can be taken later to address this.

**NOTICE**

Read carefully - contains statements which if not followed may void warranty.

2x6 lumber backing for track support between wall stud framing.

GWB to be secured to framing. Face of backing must be flush with face of studs to avoid wall damage. - Not by A.D.

ExamSlide™ Single Door System
Step 2

**CUT VERTICAL JAMB FRAMES**

---

**ALL VERTICAL FRAME COMPONENTS ARE PROVIDED 2 INCHES LONG AND ARE TO BE FIELD CUT. THIS IS TO ACCOMMODATE SITE ANOMALIES, SUCH AS VARIANCES IN FLOOR LEVEL.**

**ALL HORIZONTAL FRAME COMPONENTS FACTORY PRE-CUT TO THE PROPER SIZE.**

**NOTE:** AD SYSTEMS CAN PROVIDE VERTICAL COMPONENTS CUT TO EXACT LENGTH IF GUARANTEED DIMENSIONS ARE PROVIDED. PLEASE DISCUSS THIS OPTION WITH YOUR AD SYSTEMS PROJECT MANAGER BEFORE FINAL SHOP DRAWINGS ARE APPROVED.

**STEP 2.1.**

LEAVE VERTICAL JAMBS PARTS TAPED TOGETHER WHILE CUTTING.

**STEP 2.2. CUT VERTICAL FRAMES**

**IMPORTANT NOTE:** BE SURE TO CUT EXCESS OFF OF SQUARE CUT END, AS TOP END MITER CUTS HAVE CUSTOM NOTCHING AND SHOULD NOT BE FIELD CUT!

- **USE CHOP SAW WITH 80-TOOTH MINIMUM CARBIDE TIP BLADE.**
- **MEASURE VERTICAL FRAMES FROM INTERIOR MITERED LONG EDGE OF PERIMETER BASE, FIGURE 2A.**
- **PLACE A MARK AT LENGTH FOR FRAME HEIGHT OBTAINED IN STEP 1.1. (i.e. ROUGH OPENING LESS 1/4")**
- **CUT EACH VERTICAL JAMB TO THAT LENGTH.**

**STEP 2.3.**

USE SHARP SCISSORS OR KNIFE TO TRIM 1 1/4" OFF GASKET AT TOP OF LEFT AND RIGHT PERIMETER BASE FRAMES. (DO NOT TRIM GASKET ON INTERIOR TRIMS.)

**STEP 2.4.**

REMOVE TAPE HOLDING VERTICAL AND HORIZONTAL PARTS TOGETHER AND SEPARATE PERIMETER BASE FROM INTERIOR TRIM. DO NOT REMOVE TAPE HOLDING SHIM TO HORIZONTAL PERIMETER BASE.

**STEP 2.5.**

SET ASIDE PERIMETER INTERIOR TRIM PARTS TO BE USED IN STEP 5.

---

**FIGURE 2A. VERTICAL JAMB FRAMES**
Step 3
ASSEMBLE PERIMETER BASE FRAMES
(VIEWED FROM VALANCE SIDE OF FRAME)

NOTE: PERIMETER BASE FRAME USED AT THE HORIZONTAL HEAD LOCATION IS FACTORY PRE-CUT TO PROPER SIZE.

ALL ASSEMBLY WORK IS TO BE DONE ON VALANCE SIDE (OUTSIDE) OF OPENING TO AVOID HAVING TO MOVE ASSEMBLED FRAME THROUGH OPENING.

DO NOT REMOVE TAPE HOLDING SHIM TO HORIZONTAL PERIMETER BASE FRAME.

STEP 3.1.
• HEAD AND JAMBS WILL NEST TOGETHER AT CUSTOM MITER, FIGURE 3A.
• ASSEMBLE PERIMETER BASE FRAME ON FLOOR, BY ALIGNING HEAD AND JAMBS, FIGURE 3B.

STEP 3.2.
• USE PROVIDED SCREW WAX ON FASTENERS FOR EASE OF INSTALLATION, FIGURE 3C.
• ATTACH HEAD TO JAMBS AT THEIR MITERED JOINTS USING (4) F1 #10 X 1" HEX WASHER HEAD TAPPING SCREW (HWHTS), FIGURE 3B.

IF YOUR PROJECT INCLUDES A HALF-SIDELITE SEE ADDITIONAL SUPPLEMENTAL INSTALLATION INSTRUCTIONS - "EXAMSLIDE, SUPPL - SINGLE DOOR WITH HALF-SIDELITE (PONY WALL)" FOR REPLACEMENT STEPS 3A, 4A, 5A THRU 5K.
Step 4
INSTALL PERIMETER BASE FRAME INTO OPENING
(VIEWED FROM VALANCE SIDE OF FRAME)

SPECIAL NOTES:
- FRAME MUST BE INSTALLED PERFECTLY PLUMB AND LEVEL FOR DOOR TO WORK CORRECTLY.
- REFER TO SUPPLIED AD SYSTEMS SHOP DRAWINGS FOR ANY PROJECT SPECIFIC CUSTOM CONDITIONS THAT MAY AFFECT THESE INSTRUCTIONS.

STEP 4.1.
- AFTER THREE-SIDED PERIMETER BASE FRAME HAS BEEN ASSEMBLED, TILT FRAME INTO OPENING FROM OUTSIDE OF ROOM.
- PLACE SHIM AGAINST WALL BEHIND FRAME AT HEAD AND TAPE TO FRAME. (SHIM MAY BE TAPED TO FRAME ALREADY.) LEAVE TAPE IN PLACE UNTIL DIRECTED AT LATER STEP.

STEP 4.2.
- ATTACH FRAME TO WALL BY CLAMPING AT TOP OF JAMB TO COMPRESS FOAM GASKET TIGHTLY, FIGURE 4B.
- INSTALL (1) F2 HEX HEAD SELF-DRILLING SCREW (HHSDS) IN TOP HOLE LOCATION, INSERT SHIM (NOT BY A.D.) AS REQUIRED BETWEEN WALL STUD AND BASE FRAME AND TIGHTEN SCREW. THEN REPEAT ON OPPOSITE SIDE.
- USE A LEVEL TO ENSURE JAMBS ARE PERFECTLY VERTICAL (PLUMB - FRONT TO BACK & RIGHT TO LEFT).
- INSTALL ADDITIONAL SHIMS AS REQUIRED.
- REPEAT STEPS ABOVE FOR MIDDLE AND BOTTOM HOLES ON EACH SIDE. CHECK EACH TIME THAT JAMBS ARE PLUMB AND HEAD IS LEVEL.
- IMPORTANT: IF NEEDED, LOOSEN SCREWS, MAKE ADJUSTMENTS, THEN RE- TIGHTEN FOR CORRECT OPERATION OF DOOR.
- ONCE JAMBS ARE PERFECTLY PLUMB AND LEVEL, INSTALL REMAINING (6) F2 (HHSDS) SCREWS INTO TOP, MIDDLE AND BOTTOM HOLES ON BOTH RIGHT AND LEFT JAMBS.

STEP 4.3
- SECURE BASE OF VERTICAL FRAMES TO WALL NEAR FLOOR BY INSTALLING (2) F9 #10-16 X 1-1/2” PHILLIPS PAN HEAD SELF-DRILLING SCREWS (PPHSDS) INTO PRE-DRILLED HOLE IN EACH FRAME.
**NOTE:**
- INTERIOR TRIM PARTS ARE A SNAP IN FIT.
- PERIMETER INTERIOR TRIM PARTS ARE TO BE INSTALLED ONTO BASE FRAME FROM INSIDE OF ROOM (OPPOSITE DOOR), FIGURE 5A & 5B.

**STEP 5.1.**
- INSTALL PERIMETER INTERIOR TRIM FOR HEAD BY SNAPING TRIM ONTO FRAME, FIGURE 5A.
- USE A NON-MARRING RUBBER MALLET TO GENTLY TAP TRIM INTO PLACE. TAP EVENLY ALONG TRIM PIECE.

**STEP 5.2.**
- INSTALL BOTH LEFT JAMB AND RIGHT JAMB PERIMETER INTERIOR TRIM PIECES.
- USE A NON-MARRING RUBBER MALLET TO GENTLY TAP TRIM INTO PLACE. TAP EVENLY ALONG TRIM PIECE.

**STEP 5.3.**
- INSTALL (2) F3 #6 X 3/4" PHILLIPS FLAT HEAD SHEET METAL SCREWS (PFHSM) IN EACH TOP CORNER TO TIGHTEN MITERED JOINTS TOGETHER, FIGURE 5B.

**FIGURE 5A.**
FRAME AT HEAD - SNAP FIT INTERIOR TRIM ONTO BASE FRAME

**FIGURE 5B.**
FRAME AT JAMB - INSTALL SCREW IN TOP CORNER OF PERIMETER INTERIOR TRIM (EACH SIDE)

**PERIMETER INTERIOR TRIM PART OPTIONS**

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<td>IT-487</td>
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<td>5-1/4&quot;</td>
<td>IT-525</td>
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<td>5-7/8&quot;</td>
<td>IT-587</td>
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<tr>
<td>7-1/4&quot;</td>
<td>IT-725</td>
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### Option A - For Doors Using Non-Acoustic Bottom Track

**Step 6A.1. Install Anchor in Sub-Flooring** (This prevents rotation of the sill guide.)
- Place sill guide on floor in front of perimeter base jamb and align holes in face of bracket with die line indentation on face of frame, Figure 6A.B.
- Place a mark on floor through hole in bottom of sill guide, then place guide aside.
- Drill 1/4” hole with a concrete bit (not by A.D.) into sub-floor for the F11 #8 x 1” masonry & concrete anchor (plastic), Figure 6A.C.
- Use a mallet to install the plastic anchor into the sub-floor, Figure 6A.C.

**Step 6A.2. Install Sill Guide**
- Set sill guide on floor in front of perimeter base jamb.
- Align holes in bracket with die line indentation on face of frame, Figure 6A.B.
- Verify sill guide is square and perpendicular to frame, Figure 6A.B.
- Attach sill guide using fastener (1) F4 #8 x 1/2” Phillips modified truss self-drilling screw (PMTSDS), Figure 6A.D and 6A.E.
- Install F10 #8 x 1” Phillips flat head screw (PFHS) into base of sill guide and into masonry & concrete anchor, Figure 6A.E.
- Use a powder actuated fastener (not by A.D.) in #10 undercut hole in sill guide.

---

**Open Right Sill Guide Shown**

- Sill guide must be square and perpendicular
- Reference only
- Countersink hole in sill guide

---

**Step 6 - Option A**

**Fixed Sill Guide**

Trailing edge of opening for an open right door.
OPTION B - FOR DOORS USING SILL GUIDE ACTIVATED DOOR BOTTOM.

STEP 6B.1. BEFORE INSTALLATION ADJUST SILL GUIDE TO HIGHEST POSITION
- Push down on back of bumper, Figure 6B.B.
- Slide guide along slot, as far as it will go.

Note: Slot in metal bracket can not be seen, but is shown in Figure 6B.B and 6B.E.

STEP 6B.2. INSTALL ANCHOR IN SUB-FLOORING
Note: This prevents rotation of the guide.
- Temporarily place sill guide on floor in front of jamb vertical frame and align holes in face of bracket with centerline indentation, Figure 6B.D.
- Place a mark on floor through the hole in bottom of sill guide, then place guide aside.
- Drill 1/4" hole with a concrete bit (not by A.D.) into sub-floor for the F11 (QTY 1) #8 x 1" Masonry & Concrete Anchor, Figure 6B.D.
- Use a mallet to install plastic anchor into sub-floor, Figure 6B.D.

STEP 6B.3. INSTALL ADJUSTABLE SILL GUIDE
- Set sill guide on floor in front of the vertical jamb.
- Align holes in bracket with centerline indentation, Figure 6B.C.
- Verify sill guide is square and perpendicular to frame, Figure 6B.C.
- Attach to frame using fastener (2) F4 #8 x 1/2" Phillips Modified Truss Self-Drilling Screws (PMDDS), Figure 6B.C & ND 6B.E.
- Install (1) F10 #8 x 1" Phillips Flat Head Screw (PFHS) into base of sill guide and into masonry & concrete anchor, Figure 6B.F.
- Or
- Use a powder actuated fastener (not by A.D.) in #8 undercut hole in sill guide.

Failure to properly follow instructions could result in damage to parts or void of warranty:
- Proper positioning of sill guide within the sill channel is critical to performance of soft close dampers.
- Excessive friction will hinder the units ability to draw door closed.
- Additional adjustments will be required after door is installed at Step 21.

**OPEN RIGHT SILL GUIDE SHOWN**

**ADJUSTABLE SILL GUIDES**

<table>
<thead>
<tr>
<th>DOOR OPENING</th>
<th>PART NUMBER</th>
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<td>OPEN LEFT</td>
<td>HDW0058</td>
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<tr>
<td>OPEN RIGHT</td>
<td>HDW0059</td>
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</table>

**Step 6 - OPTION B**

**ADJUSTABLE SILL GUIDE**

(TAILING EDGE OF OPENING FOR AN OPEN RIGHT DOOR)
OFFSET SILL GUIDE IS ANGLED INTO DOOR OPENING.

OFFSET FIXED SILL GUIDES

<table>
<thead>
<tr>
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<td>HDW0114</td>
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<tr>
<td>OPEN RIGHT</td>
<td>HDW0115</td>
</tr>
</tbody>
</table>

OPEN RIGHT SILL GUIDE SHOWN

OPTION C - FOR EXPOSED FRAME DOOR SYSTEMS USING NON-ACOUSTIC BOTTOM TRACK

STEP 6C.1. INSTALL ANCHOR IN SUB-FLOORING (THIS PREVENTS ROTATION OF THE SILL GUIDE.)
- PLACE SILL GUIDE ON FLOOR IN FRONT OF PERIMETER BASE JAMB AND ALIGN HOLES IN FACE OF BRACKET WITH DIE LINE INDENTATION ON FACE OF FRAME, FIGURE 6C.B.
- PLACE A MARK ON FLOOR THROUGH HOLE IN BOTTOM OF SILL GUIDE, THEN PLACE GUIDE ASIDE.
- DRILL 1/4" HOLE WITH A CONCRETE BIT (NOT BY A.D.) INTO SUB-FLOOR FOR THE F11 #8 X 1" MASONRY & CONCRETE ANCHOR (PLASTIC), FIGURE 6C.C.
- USE A MALLET TO INSTALL THE PLASTIC ANCHOR INTO THE SUB-FLOOR, FIGURE 6C.C.

STEP 6C.2. INSTALL SILL GUIDE
- SET SILL GUIDE ON FLOOR IN FRONT OF PERIMETER BASE JAMB.
- ALIGN HOLES IN BRACKET WITH DIE LINE INDENTATION ON FACE OF FRAME, FIGURE 6C.D.
- VERIFY SILL GUIDE IS SQUARE AND PERPENDICULAR TO FRAME, FIGURE 6C.B.
- ATTACH SILL GUIDE USING FASTENER (1) F4 #8 X 1/2" PHILLIPS MODIFIED TRUSS SELF-DRILLING SCREW (PMTSDS), FIGURE 6C.D AND 6C.E.
- INSTALL F10 #8 X 1" PHILLIPS FLAT HEAD SCREW (PFHS) INTO BASE OF SILL GUIDE AND INTO MASONRY & CONCRETE ANCHOR, FIGURE 6C.E.
- OR
- USE A POWDER ACTUATED FASTENER (NOT BY A.D.) IN #10 UNDERCUT HOLE IN SILL GUIDE.

BI-PARTING PAIR DOORS – REQUIRES INSTALLATION OF FIXED SILL GUIDE AT BOTH FRAME JAMBS.

CAUTION
FAILURE TO PROPERLY FOLLOW INSTRUCTIONS COULD RESULT IN DAMAGE TO PARTS OR VOID OF WARRANTY:
- PROPER POSITIONING OF SILL GUIDE WITHIN THE SILL CHANNEL IS CRITICAL TO PERFORMANCE OF SOFT CLOSE DAMPERS.
- EXCESSIVE FRICTION WILL HINDER THE UNITS ABILITY TO DRAW DOOR CLOSED.

OPEN RIGHT OFFSET FIXED SILL GUIDE SHOWN

MARK CENTER OF HOLE IN SILL GUIDE
INSTALL F11 ANCHOR (PLASTIC) INTO SUB-FLOOR
INSTALL SCREWS IN FACE OF SILL GUIDE
INSTALL SCREW IN SILL GUIDE
INSTALL F10 INTO HOLE IN SILL GUIDE
INSTALL SCREW IN SILL GUIDE

Step 6 - OPTION C
OFFSET FIXED SILL GUIDE
(RIGHT SIDE SHOWN)
OPTION D - FOR EXPOSED FRAME DOOR SYSTEMS USING SILL GUIDE ACTIVATED DOOR BOTTOM.

**STEP 6D.1. BEFORE INSTALLATION ADJUST SILL GUIDE TO HIGHEST POSITION**
- Push down on back of bumper, Figure 6D.E.
- Slide guide along slot, as far as it will go.
  **NOTE:** Slot in metal bracket is shown in Figure 6B.B and 6B.E.

**STEP 6D.12 INSTALL ANCHOR IN SUB-FLOORING (THIS PREVENTS ROTATION OF THE SILL GUIDE.)**
- Place sill guide on floor in front of perimeter base jamb and align holes in face of bracket with die line indentation on face of frame, Figure 6D.C.
- Place a mark on floor through hole in bottom of sill guide, then place guide aside.
- Drill 1/4" hole with a concrete bit (not by A.D.) into sub-floor for the F11 #8 x 1" masonry & concrete anchor (plastic), Figure 6D.C.
- Use a mallet to install the plastic anchor into the sub-floor, Figure 6D.D.

**STEP 6D.3. INSTALL SILL GUIDE**
- Set sill guide on floor in front of perimeter base jamb.
- Align holes in bracket with die line indentation on face of frame, Figure 6D.C.
- Verify sill guide is square and perpendicular to frame, Figure 6D.C.
- Attach sill guide using fastener (2) F4 #8 x 1/2" Phillips modified truss self-drilling screw (PMTSDS), Figure 6D.E.
- Install F10 #8 x 1" Phillips flat head screw (PFHS) into base of sill guide and into masonry & concrete anchor, Figure 6D.F.
  **OR**
- Use a powder actuated fastener (not by A.D.) in #10 undercut hole in sill guide.

**BI-PARTING PAIR DOORS – REQUIRES INSTALLATION OF FIXED SILL GUIDE AT BOTH FRAME JAMBS.**

**RIGHT SIDE OFFSET ADJUSTABLE SILL GUIDE SHOWN**

**Figures 6D.A – 6D.F.**

**CAUTION**
Failure to properly follow instructions could result in damage to parts or void of warranty:
- Proper positioning of sill guide within the sill channel is critical to performance of soft close dampers.
- Excessive friction will hinder the units ability to draw door closed.
- Additional adjustments will be required after door is installed at Step 21.
ON MOST APPLICATIONS THERE ARE (2) STILE SUPPORT BRACKETS (SMPRT0025) USED ON STILE POCKET. STILE SUPPORT BRACKETS ARE INSTALLED ONTO FACE OF BASE FRAME AT FRONT EDGE JAMB AND USED TO ENSURE STILE POCKET REMAINS SECURELY ATTACHED TO FRAME.

**STEP 7.1. INSTALL STILE SUPPORT BRACKET ON JAMB AT HEAD**
- POSITION CENTERLINE OF STILE SUPPORT BRACKET 12” DOWN FROM TOP OF FRAME.
- ALIGN EDGE OF STILE SUPPORT BRACKET WITH RIDGE LINE ON FACE OF FRAME, FIGURE 7A.
- INSTALL STILE SUPPORT BRACKET USING (2) F4 #8 X 1/2” PHILLIPS MODIFIED TRUSS SELF-DRILLING SCREWS (PMTSDS).

**STEP 7.2. INSTALL STILE SUPPORT BRACKET ON JAMB NEAR BOTTOM OF FRAME**
- POSITION CENTERLINE OF STILE SUPPORT BRACKET 10” UP FROM FINISH FLOOR.
- ALIGN EDGE OF STILE SUPPORT BRACKET WITH RIDGE LINE ON FACE OF FRAME, FIGURE 7A.
- INSTALL STILE SUPPORT BRACKET USING (2) F4 #8 X 1/2” PHILLIPS MODIFIED TRUSS SELF-DRILLING SCREWS (PMTSDS).

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**FIGURE 7A.**
INSTALL STILE SUPPORT BRACKETS ON FRAME AT LEADING EDGE OF DOOR
Step 8

INSTALL STILE POCKET
(VALANCE SIDE OPEN RIGHT SHOWN)

INSTALL STILE POCKET
IDENTIFY TOP END OF STILE POCKET BY LOCATING THE NOTCHING, FIGURE 8A.

STEP 8.1. CUT STILE POCKET TO FIT
- MEASURE FROM FINISHED FLOOR TO TOP OF DOOR FRAME, THEN DEDUCT 1/2", FIGURE 8A & 8B.
- CUT OFF BOTTOM OF STILE POCKET TO THAT LENGTH. DON'T CUT THE NOTCHED END, FIGURES 8A & 8B.

STEP 8.2. INSTALL STILE POCKET ON TO LEADING EDGE FRAME
- PLACE STILE POCKET AGAINST FRAME 1/2" BELOW TOP OF FRAME. GENTLY TAP IT INTO PLACE USING A NON-MARRING RUBBER MALLET, FIGURE 8C.
- AT CENTERLINE OF STILE SUPPORT BRACKETS INSTALLED IN STEP 7, DRILL PILOT HOLES TO FIT #10 UNDER CUT SCREW.
- INSTALL FASTENER F5 (QTY 2 OR 3) #10 x 1/2" PHILLIPS FLAT HEAD SELF-DRILLING SCREWS (PFHSDS) INTO STILE SUPPORT BRACKETS WHICH WERE INSTALLED IN STEP 7, FIGURE 8C & 8D.
ALLOW APPROXIMATELY 1/2" CLEARANCE ABOVE THE CARRIAGE TRACK FOR THE VALANCE (VA-XX) INSTALLATION.

STEP 9.1. CHECK WALL FOR FLATNESS
- Place straight edge against wall above rough opening, check flatness.
- Place shims (not by A.D.) in low spots between wall and track as needed. Failure to do so may cause track to bend as it conforms to wall, causing door rub / grind or not operate smoothly.

STEP 9.2. MARK ALIGNMENT LINE FOR PLACEMENT OF TRACK
- Peel up tape at ends of shim behind perimeter base frame and lift up, removing shim between frame and wall.
- Mark level line from finish floor to above top of frame head - dimension is sum of door leaf height + 3 3/4". (If door leaf is not available, check shop drawings.)
- Start line 5/8" from back edge of stile pocket. Check that line is level.
- Slide carriage track into space behind perimeter base frame.
- Align top of carriage track with marks on wall, Figure 9A.

STEP 9.3. INSTALL CARRIAGE TRACK ONTO WALL
- Install (1) F6 #14 X 2-1/2" hex washer head tapping screws in first pre-drilled hole at leading end.
- Using pre-installed bubble levels, check that carriage track is level. Install second screw at trailing end, Figure 9C.
- Confirm track is level.
- Install remaining F6 #14 X 2-1/2" hex washer head tapping screws (HWHTS), 18" on center.

FOR PROPER OPERATION OF DOOR
CARRIAGE TRACK MUST BE INSTALLED STRAIGHT AND LEVEL

IF YOUR PROJECT INCLUDES A SELF CLOSER SEE ADDITIONAL SUPPLEMENTAL INSTALLATION INSTRUCTIONS - "EXAMSLIDE, SUPPL - SINGLE DOOR WITH SELF CLOSER" FOR REPLACEMENT STEPS 9A, 9B & 13A.
**Step 10.1. Secure Perimeter Base at Head and Install Exterior Trim**
- Pre-drill (2) holes using 1/8" drill bit into carriage track, through existing holes at 4" from each end in perimeter base frame at head, Figure 10A & 10C.
- Install (2) F18 #8 x 3/4" Phillips Modified Truss Self-Drilling Screws (PMTSDS) in frame, through carriage track to secure them together, Figure 10D.

**Step 10.2. Install Exterior Trim with Pile Gasket (ET-02) at Head of Door**
- Horizontal exterior trim piece (ET-02) is factory pre-cut to proper size. One end will have a 45 degree miter, the other end is square cut.
- Align square cut end with head inside edge of stile pocket opening at leading edge.
- Install by snapping the trim onto frame, Figure 10B & 10C.

**Step 10.3. Install Exterior Trim with Pile Gasket (ET-02) at Jamb**
- Vertical exterior trim with pile gasket, one end has a 45 degree miter, the other is square cut. The miter will match up with miter on head trim.
- Measure jamb from top of sill guide bracket to edge of head trim, Figure 10B & 10E.
- Cut the square end of trim to the required length.
- Place trim piece onto sill guide, Figures 10B & 10C.
- Install by starting at bottom then tilt top in and snap in place, Figure 10F.
- Slide exterior trim so that corner joints are tight, Figure 10B.

**Step 10.4. Secure All Exterior Trim Parts**
- Using a non-marring rubber mallet to gently tap trim into place. Tap evenly along trim piece.

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**Figure 10A. Drill Through Existing Holes in Frame**

**Figure 10B. Exterior Trim**

**Figure 10C. Exterior Trim Installation Order (Outside of Door)**

**Figure 10D. Fasten Frame to Carriage Track**

**Figure 10E. Detail - Measure Exterior Trim**

**Figure 10F. Exterior Trim with Pile Gasket**
NOTE:
SOFT CLOSE DAMPER BOX CONTAINS ALL OF PARTS SHOWN IN THESE STEPS.

TWO OPTIONS OF SOFT CLOSE DAMPER AVAILABLE, DEPENDING ON WEIGHT OF DOOR LEAF:
- UP TO 80 Kg – AD80 SOFT CLOSE DAMPER (MOST COMMON)
- OVER 80 Kg – AD120 SOFT CLOSE DAMPER

DO NOT PRE-LOAD SPRING (LOADING SPRING OCCURS AT STEP 16).

STEP 11.1. ASSEMBLE SOFT CLOSE DAMPER
- STACK OVAL NUT ON TOP OF OVAL WASHER, SLIDE BOTH INTO OPENING IN TROLLEY.
- WASHER MUST BE ON BOTTOM.
- INSTALL HANGER BOLT INTO BOTTOM OF SOFT CLOSE DAMPER.
- TIGHTEN JUST ENOUGH TO HOLD SECURELY.

STEP 11.2. ASSEMBLE TROLLEY FOR SINGLE SOFT CLOSE DAMPER
- STACK HEX NUT ON TOP OF WASHER, SLIDE BOTH INTO OPENING IN THE SINGLE TROLLEY.
- WASHER MUST BE ON THE BOTTOM.
- INSTALL HANGER BOLT INTO BOTTOM OF SINGLE TROLLEY.
- TIGHTEN JUST ENOUGH TO HOLD SECURELY.

STEP 11.1
ASSEMBLE SOFT CLOSE DAMPER
USED WITH SINGLE AND DUAL SOFT CLOSE DAMPER

STEP 11.2
ASSEMBLE SINGLE TROLLEY
USED WITH SINGLE SOFT CLOSE DAMPER
Step 12 - OPTION A
INSTALL SOFT CLOSE DAMPERS - DUAL
(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

OPTION A - FOR DUAL SOFT CLOSE DAMPERS

SOFT CLOSE DAMPER PREP - BEFORE INSTALLING SOFT CLOSE DAMPER:

- Wipe clean inside of carriage track of any dirt, debris or metal shavings. Nylon roller wheels can be permanently damaged by any debris remaining in carriage track.
- Do not use lubricant of any kind in carriage track or on wheels.

NOTE: Be sure to note the close damper's orientation, Figure 12A.B.

NOTING THE PART'S ORIENTATION, INSERT PARTS INTO CARRIAGE TRACK, FIGURE 12A.A, IN THE FOLLOWING ORDER:
1. Insert the first soft close damper into the carriage track with trolley end toward trailing edge.
2. Insert the second soft close damper into the carriage track with the trolley end toward the leading edge.
Step 12 - OPTION B
INSTALL SOFT CLOSE DAMPER - SINGLE
(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

Option B - For Single Soft Close Damper

Soft Close Damper Prep - Before installing soft close damper:
- WIPE CLEAN INSIDE OF CARRIAGE TRACK OF ANY DIRT, DEBRIS OR METAL SHAVINGS. NYLON ROLLER WHEELS CAN BE PERMANENTLY DAMAGED BY ANY DEBRIS REMAINING IN CARRIAGE TRACK.
- DO NOT USE LUBRICANT OF ANY KIND IN CARRIAGE TRACK OR ON WHEELS.

Step 12B.1. Single Soft Close Damper
BE SURE TO NOTE THE ORIENTATION OF THE SOFT CLOSE DAMPER AND SINGLE TROLLEY, FIGURES 12B.B AND 12B.C.

NOTING THE PART'S ORIENTATION, INSERT PARTS INTO CARRIAGE TRACK, FIGURE 12B.A, IN THE FOLLOWING ORDER:
1. INSERT SINGLE TROLLEY INTO END OF TRACK AT TRAILING EDGE.
2. INSERT SOFT CLOSE DAMPER INTO CARRIAGE TRACK WITH TROLLEY END TOWARD LEADING EDGE.
Step 13
INSTALL HANGER BRACKETS ONTO WOOD DOORS
(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

**Figures 13A and 13B**

**Figures 13C and 13D**

If your project includes a Metaledge™ Door Extender, see additional supplemental installation instructions - "Examslide, Suppl - Metaledge Door Extender" for replacement steps 13A, thru 13E, 16C1 & 16C2.
USING NON-ACOUSTIC DOOR BOTTOM OR SILL GUIDE ACTIVATED ACOUSTIC DOOR BOTTOM.

WOOD DOOR LEAF – BLOCKING MATERIAL HAS BEEN PLACED IN THE CUTOUT IN DOOR BOTTOM TO PREVENT DAMAGE DURING SHIPPING. REMOVE THIS BLOCKING MATERIAL PRIOR TO INSTALLING BOTTOM TRACK.

THERE ARE TWO (2) TYPES OF BOTTOM TRACK:
A. BOTTOM TRACK (EXTR0009) (USE STEP 14.1.)
B. SILL GUIDE ACTIVATED ACOUSTIC DOOR BOTTOM (USE STEP 14.2.)

STEP 14.1. INSTALL BOTTOM TRACK (EXTR0009)
- INSTALL BOTTOM TRACK INTO CUTOUT IN BOTTOM OF WOOD DOOR, CENTERING TRACK FRONT TO BACK AND LEFT TO RIGHT, 3/4" FROM EACH END.
- USE (2) F7 #10 X 1" PHILLIPS PAN HEAD SHEET METAL SCREWS (PPHSM).

STEP 14.2. INSTALL SILL GUIDE ACTIVATED ACOUSTIC DOOR BOTTOM
- THE ACTIVATION BEARING, FIGURE 14A, MUST BE ORIENTED TOWARDS TRAILING EDGE OF DOOR, POINTING OUT AND AWAY FROM WALL.
- INSTALL BOTTOM TRACK INTO CUTOUT IN BOTTOM OF WOOD DOOR, CENTERING TRACK FRONT TO BACK AND LEFT TO RIGHT, 3/4" FROM EACH END.
- USE (2) F7 #10 X 1" PHILLIPS PAN HEAD SHEET METAL SCREWS (PPHSM).

FOR ALUMINUM DOORS, BOTTOM TRACK WILL BE FACTORY INSTALLED.

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**Step 14**

**INSTALL BOTTOM TRACK**
(USING NON-ACOUSTIC OR SILL GUIDE ACTIVATED ACOUSTIC DOOR BOTTOM)
VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR

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**FIGURE 14A.**
BOTTOM TRACK WITH SILL GUIDE ACTIVATED ACOUSTIC DOOR BOTTOM

**FIGURE 14B.**
BOTTOM TRACK FOR NON-ACOUSTIC DOOR BOTTOM (EXTR0009)
Step 15
INSTALL AND ADJUST DOOR
VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR

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**STEP 15.1. INSTALL EDGE GASKET**
- BEFORE INSTALLING EDGE GASKET, THOROUGHLY CLEAN DOOR SURFACES ALONG TRAILING EDGE WITH RUBBING ALCOHOL, FIGURE 15A.
- REMOVE ADHESIVE BACKING FROM EDGE GASKET, THEN INSTALL IT 1/8" FROM TRAILING EDGE OF DOOR, FIGURE 15A.
- PRESS SECURELY IN PLACE.

**STEP 15.2. INSTALL DOOR**
- LIFT DOOR LEAF AND PLACE BOTTOM OF DOOR OVER AND ONTO SILL GUIDE, FIGURE 15A.
- LIFT DOOR LEAF AND PLACE HANGER BRACKETS ONTO THE HANGER BOLTS, FIGURE 15B.

**STEP 15.3. MAKE SURE DOOR IS LEVEL**
- OPEN DOOR SLIGHTLY SO THERE IS A SMALL GAP BETWEEN STILE POCKET AND DOOR.
- USE SUPPLIED HANGER BRACKET WRENCH, FIGURE 15C, TO ADJUST HANGER BOLTS, RAISING OR LOWERING EACH END OF THE DOOR AS NECESSARY SO THAT LEADING EDGE OF DOOR AND STILE POCKET ARE PARALLEL.
- USE SUPPLIED HANGER BRACKET WRENCH ON HANGER NUT TO ADJUST GAP BETWEEN DOOR AND FLOOR, FIGURE 15C.

**STEP 15.4. ADJUST VERTICAL LOCATION OF DOOR**
- ADJUST BOLT SO THAT GAP AT DOOR BOTTOM IS APPROXIMATELY 3/8" (DEPENDING UPON THE FLOOR CONDITIONS).
- USE HANGER BRACKET WRENCH, FIGURE 15C, TO RAISE OR LOWER DOOR LEAF, FIGURE 15B.

**STEP 15.5. VERIFY SEAL OF DOOR WITH WEATHERSTRIPPING**
- LOOK AT BACK OF DOOR AT JAMB HEAD, CHECK THAT DOOR LEAF IS IN CONTACT WITH WEATHERSTRIPPING ON FRAME, FIGURES 15A & 15D.
- IF ADJUSTMENT NEEDS TO BE MADE, USE A NON-MARRING RUBBER MALLET TO GENTLY TAP IN OR OUT AT TOP OF DOOR, TO MAKE CONSISTENT CONTACT WITH SEALS.

**STEP 15.6. SECURE HANGER BOLTS**
- ONCE THE HEIGHT AND SEAL CONTACTS ARE CORRECT, USE HANGER BRACKET WRENCH TO TIGHTEN HANGER BOLTS, FIGURE 15B, 15C & 15D.

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**FOR ALUMINUM SMOKE RATED DOORS:** FOLLOW THE SUPPLEMENTAL INSTRUCTIONS "EXAMSLIDE SUPPLEMENTAL INSTRUCTION SMOKE RATED ALUMINUM DOOR LEAF PREP & INTUMESCENT TAPE INSTALLATION".

**FOR WOOD SMOKE RATED DOORS:** FOLLOW THE SUPPLEMENTAL INSTRUCTIONS "EXAMSLIDE SUPPLEMENTAL INSTRUCTION SMOKE RATED WOOD DOOR LEAF PREP & INTUMESCENT TAPE INSTALLATION".
Step 16 - OPTION A.1
INSTALL TRIGGER ARMS FOR SOFT CLOSE DAMPER - DUAL
(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

FIGURE 16A1.A.
STOPPER & TRIGGER ARM PRE-INSTALLED

FIGURE 16A1.B.
TRIGGER ARM AT LEADING EDGE

FIGURE 16A1.C.
PROPERLY SPACED TRIGGER ARM & STOPPER IN TRACK

- MAKE SURE TO CLEAN THE INSIDE OF THE TRACK OF ANY DIRT, DEBRIS OR METAL SHAVINGS. THE NYLON ROLLER WHEELS CAN BE PERMANENTLY DAMAGED BY ANY DEBRIS REMAINING IN THE TRACK.
- THE SOFT CLOSE UNIT WILL NOT BE FUNCTIONAL UNTIL AFTER THE FIRST ENGAGEMENT OF THE TRIGGER ARM; THEREFORE, IT IS CRITICAL THAT THE INITIAL CYCLES BE DONE GENTLY.

OPTION A - USING DUAL SOFT CLOSE DAMPERS.

STEP 16A.1.1. INSTALL THE STOPPER AND TRIGGER ARM INTO THE LEADING EDGE OF CARRIAGE TRACK
- HOLD STOPPER AND TRIGGER ARM TOGETHER CENTERING IT WITHIN THE TRACK, THEN INSERT INTO THE END OF CARRIAGE TRACK, NEAR THE STILE POCKET, FIGURE 16A.1.B.
- MAKE STOPPER AND TRIGGER ARM ARE IS CENTERED IN THE TRACK. THE SCREWS MAY NEED TO BE ADJUSTED TO SEAT THE STOPPER IN PLACE.
- SLIDE STOPPER AND TRIGGER ARM APPROXIMATELY 3" FROM EDGE OF STILE POCKET, FIGURE 16A.1.C.
- LIGHTLY TIGHTEN LOCK SCREW TO HOLD STOPPER IN PLACE.
- GENTLY GUIDE THE DOOR INTO THE CLOSED POSITION, ALLOWING THE TRIGGER ARM TO SEAT INTO THE CATCH.
- GENTLY GUIDE THE DOOR OPEN ALLOWING THE SOFT CLOSER TO LOAD AND DISSOLVE THE TRIGGER ARM.

CONTINUE TO STEP 16 - OPTION A.2.
Step 16 - OPTION A.2

INSTALL TRIGGER ARMS FOR SOFT CLOSE DAMPER - DUAL

(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

CONTINUATION FROM STEP 16 - OPTION A.1.

- MAKE SURE TO CLEAN INSIDE OF TRACK OF ANY DIRT, DEBRIS OR METAL SHAVINGS. NYLON ROLLER WHEELS CAN BE PERMANENTLY DAMAGED BY ANY DEBRIS REMAINING IN TRACK.

STEP 16A2.1. ADJUST STOPPER AND TRIGGER IN LEADING EDGE OF CARRIAGE TRACK
- SLIDE TRIGGER ARM UP AGAINST HANGER BRACKET WRENCH, FIGURE 16A2.D. THIS WILL PROPERLY POSITION TRIGGER ARM IN TRACK. MAKE SURE IT IS CENTERED IN TRACK.
- TIGHTEN BOTH LOCK SCREW AND TRIGGER ARM SCREW SECURELY IN PLACE, FIGURE 16A2.D. ENSURE TRIGGER ARM IS DRAWN TIGHT TO TOP OF TRACK.
- REMOVE HANGER BRACKET WRENCH.

STEP 16A2.2. INSTALL SECOND STOPPER AND TRIGGER ARM INTO TRAILING EDGE OF CARRIAGE TRACK
- HOLD STOPPER AND TRIGGER ARM TOGETHER, INSERT INTO END OF CARRIAGE TRACK, FIGURE 16A2.C.
- PLACE TRIGGER ARM AT APPROXIMATELY 1 5/8" FROM END OF TRACK. MAKE SURE IT IS CENTERED IN TRACK.
- TIGHTEN BOTH LOCK SCREW AND TRIGGER ARM SCREW SECURELY IN PLACE. ENSURE TRIGGER ARM IS DRAWN TIGHT TO TOP OF TRACK.
- GENTLY GUIDE DOOR INTO OPEN POSITION, ALLOWING TRIGGER ARM TO SEAT INTO CATCH.

STEP 16A2.3. TEST FUNCTION OF SOFT CLOSE DAMPER
- TEST SOFT OPEN FEATURE BY GENTLY OPENING AND CLOSING DOOR. TRIGGER SHOULD CATCH DOOR APPROXIMATELY (1") ONE INCH BEFORE IT OPENS OR CLOSES COMPLETELY, CAUSING IT TO SLOW DOWN.
- USE LOCKING SCREW ON STOPPER TO ADJUST ANGLE OF TRIGGER ARM, SO THE HOOK AT END OF ARM CATCHES TRIGGER ON SOFT CLOSE DAMPER, FIGURE 16A2.A, 16A2.B & 16A2.C.
Step 16 - OPTION B.1

INSTALL TRIGGER ARM AND STOP FOR SOFT CLOSE DAMPER - SINGLE

(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

OPTION B - USING SINGLE SOFT CLOSE DAMPER.

STEP 16B1.1 INSTALL STOPPER AND TRIGGER ARM INTO LEADING EDGE OF CARRIAGE TRACK

- HOLD STOPPER AND TRIGGER ARM TOGETHER CENTERING IT WITHIN TRACK, INSERT INTO END OF CARRIAGE TRACK, NEAR STILE POCKET, FIGURE 16B1.B.
- MAKE SURE STOPPER AND TRIGGER ARM ARE CENTERED IN THE TRACK. SCREWS MAY NEED TO BE ADJUSTED TO SEAT STOPPER IN PLACE.
- SLIDE STOPPER AND TRIGGER ARM APPROXIMATELY 3" FROM EDGE OF STILE POCKET.
- LIGHTLY TIGHTEN LOCK SCREW TO HOLD STOPPER IN PLACE.
- GENTLY GUIDE DOOR INTO CLOSED POSITION, ALLOWING TRIGGER ARM TO SEAT INTO CATCH.
- GENTLY GUIDE DOOR OPEN ALLOWING SOFT CLOSER TO LOAD AND DISSENGAGE TRIGGER ARM.

CONTINUE TO STEP 16 - OPTION B.2.

DO NOT PRE-LOAD SOFT CLOSE DAMPER PRIOR TO INSTALLING

MAKE SURE TO CLEAN THE INSIDE OF THE TRACK OF ANY DIRT, DEBRIS OR METAL SHAVINGS. THE NYLON ROLLER WHEELS CAN BE PERMANENTLY DAMAGED BY ANY DEBRIS REMAINING IN THE TRACK.

THE SOFT CLOSE UNIT WILL NOT BE FUNCTIONAL UNTIL AFTER THE FIRST ENGAGEMENT OF THE TRIGGER ARM; THEREFORE, IT IS CRITICAL THAT THE INITIAL CYCLES BE DONE GENTLY.
Step 16 - OPTION B.2

INSTALL TRIGGER ARM AND STOP FOR SOFT CLOSE DAMPER - SINGLE

(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

CONTINUATION FROM STEP 16 - OPTION B .1.

MAKE SURE TO CLEAN INSIDE OF TRACK OF ANY DIRT, DEBRIS OR METAL SHAVINGS. NYLON ROLLER WHEELS CAN BE PERMANENTLY DAMAGED BY ANY DEBRIS REMAINING IN TRACK.

STEP 16B2.1. INSTALL STOPPER AND TRIGGER ARM INTO LEADING EDGE OF CARRIAGE TRACK
- SLIDE TRIGGER ARM UP AGAINST HANGER BRACKET WRENCH, FIGURE 16B2.D. THIS WILL PROPERLY POSITION TRIGGER ARM IN TRACK. MAKE SURE IT IS CENTERED IN TRACK.
- TIGHTEN BOTH LOCK SCREW AND TRIGGER ARM SCREW SECURELY IN PLACE, FIGURE 16B2.D. ENSURE TRIGGER ARM IS DRAWN TIGHT TO TOP OF TRACK.
- REMOVE HANGER BRACKET WRENCH.

STEP 16B2.2. INSTALL DOOR STOP INTO TRAILING EDGE OF CARRIAGE TRACK
- INSERT DOOR STOP INTO END OF CARRIAGE TRACK AT TRAILING EDGE, FIGURE 16B2.C.
- PLACE IT APPROXIMATELY 1/4" FROM END OF TRACK. MAKE SURE IT IS CENTERED IN TRACK. TEMPORARILY SECURE LOCK SCREWS.

STEP 16B2.3. TEST FUNCTION OF SOFT CLOSE DAMPER
- TEST SOFT OPEN FEATURE BY GENTLY OPENING AND CLOSING DOOR. TRIGGER SHOULD CATCH DOOR APPROXIMATELY (1") INCH BEFORE IT OPENS OR CLOSES COMPLETELY, CAUSING IT TO SLOW DOWN.
OPTION A - USING DUAL SOFT CLOSE DAMPERS.

STEP 17A.1. INSTALL HARDWARE
- INSTALL LADDER PULLS AND/OR OTHER HARDWARE ITEMS. BE SURE TO READ MANUFACTURER'S INSTRUCTIONS INCLUDED WITH EACH HARDWARE ITEM TO PREVENT ANY MALFUNCTIONS.
- USE NON-PERMANENT BLUE LOCTITE ADHESIVE ON ALL FASTENERS ON HANDLES SO THEY DON'T LOOSEN OVER TIME.
- WHEN DOOR IS IN CLOSED POSITION LADDER PULL SHOULD HAVE A 1 1/2" CLEARANCE FROM EDGE OF STILE POCKET TO EDGE OF PULL, FIGURE 17A.B.

STEP 17A.2. ADJUST HARDWARE TRIGGER ARM OR DOOR STOP
- ADJUST POSITION OF TRIGGER ARM, FIGURE 17A.A, SO WHEN DOOR IS IN FULLY OPEN POSITION THERE IS A GAP OF 1 1/2" BETWEEN EDGE OF PULL HANDLE AND VERTICAL JAMB AT TRAILING EDGE, FIGURE 17A.C.
- DOOR WILL OVERLAP VERTICAL JAMB BY 4 1/2" WHEN IN FULLY OPEN POSITION, FIGURE 17A.C.
- ONCE TRIGGER IS IN CORRECT POSITION, TIGHTEN LOCK SCREW ON TRIGGER ARMS, FIGURE 17A.A.
- PUSH UP AGAINST TRIGGER ARM TO VERIFY IT IS TIGHT AGAINST TRACK. IF NOT TIGHTEN LOCK SCREWS.
OPTION B - USING SINGLE SOFT CLOSE DAMPER.

STEP 17B.1. INSTALL HARDWARE
- INSTALL LADDER PULLS AND/OR OTHER HARDWARE ITEMS. BE SURE TO READ MANUFACTURER’S INSTRUCTIONS INCLUDED WITH EACH HARDWARE ITEM TO PREVENT ANY MALFUNCTIONS.
- USE NON-PERMANENT BLUE LOCTITE ADHESIVE ON ALL FASTENERS ON HANDLES SO THEY DON’T LOOSEN OVER TIME.
- WHEN DOOR IS IN CLOSED POSITION LADDER PULL SHOULD HAVE A 1 1/2" CLEARANCE FROM THE EDGE OF STILE POCKET TO EDGE OF PULL, FIGURE 17B.B.

STEP 17B.1. ADJUST HARDWARE DOOR STOP
- ADJUST POSITION OF DOOR STOP, FIGURE 17B.A, SO WHEN DOOR IS IN FULLY OPEN POSITION, THERE IS A GAP OF 1 1/2" BETWEEN EDGE OF PULL HANDLE AND VERTICAL JAMB AT TRAILING EDGE, FIGURE 17B.C.
- DOOR WILL OVERLAP VERTICAL JAMB BY 4 1/2" WHEN IN FULLY OPEN POSITION, FIGURE 17B.C.
- ONCE STOP IS IN CORRECT POSITION, TIGHTEN LOCK SCREW ON DOOR STOP, FIGURE 17B.A.
- PUSH UP AGAINST TRIGGER ARM TO VERIFY IT IS TIGHT AGAINST TRACK. IF NOT TIGHTEN LOCK SCREWS.
Step 18
ADJUST PRE-INSTALLED STRIKE PLATE (WHEN SUPPLIED)
(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

ExamSlide™ Single Door System

STILE POCKET
ADJUSTABLE STRIKE PLATE & SPACER

ADJUST STRIKE PLATE UP OR DOWN TO ALIGN WITH CENTERLINE OF DOOR LATCH

DON'T REMOVE SCREWS. LOOSEN THEM JUST ENOUGH TO SLIDE ADJUSTABLE STRIKE PLATE.

STEP 18. ADJUSTABLE STRIKE PLATE (IF USED)
IF A STANDARD MORTISE LOCK IS USED THEN AN ADJUSTABLE STRIKE PLATE WILL BE PRE-INSTALLED.

- DO NOT REMOVE SCREWS FROM STRIKE PLATE. JUST LOOSEN THEM ENOUGH TO ALLOW MOVEMENT OF STRIKE PLATE.

STEP 18.1. ADJUST STRIKE PLATE TO LINE UP WITH MORTISE STRIKE IN DOOR
- MEASURE FROM FINISH FLOOR TO CENTERLINE OF MORTISE STRIKE ON DOOR.
- USE THIS DIMENSION TO LOCATE POSITION FOR THE CENTERLINE OF STRIKE PLATE, FIGURE 18B.
- LOOSEN SCREWS, JUST ENOUGH TO SLIDE CENTERLINE OF STRIKE PLATE TO ALIGN WITH CENTERLINE OF MORTISE STRIKE, FIGURE 18A & 18B.
- THE ADJUSTABLE STRIKE PLATE IS DESIGNED BE ADJUSTED UP TO 7/8".

FIGURE 18A.
DETAIL - ASSEMBLY OF ADJUST STRIKE PLATE
(TOP VIEW AT JAMB)

FIGURE 18B.
DETAIL - ADJUST STRIKE PLATE

STILE POCKET
#10-32 FULL NYLOCK NUT
BACKER
SPACER
STRIKE PLATE
#10-32 PFHMS-UC

LADDER PULL

LOCK

Step 18
ADJUST PRE-INSTALLED STRIKE PLATE (WHEN SUPPLIED)
(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)
Step 19
TEST DOOR LATCH AND ADJUST STILE POCKET GASKETS
(VIEWED FROM VALANCE SIDE OPEN RIGHT DOOR)

STEP 19.1. VERIFY DOOR WILL LATCH CLOSED
- GENTLY PUSH DOOR CLOSED, ALLOWING SOFT CLOSE DAMPER TO PULL DOOR LEAF INTO STILE POCKET, FIGURE 19A
- IF DOOR LEAF DOES NOT FULLY CLOSE OR ENGAGE LATCH INTO STRIKE PLATE CONTINUE TO PUSH DOOR LEAF UNTIL IT IS FULLY CLOSED.
- VERIFY THE DOOR WILL LATCH CLOSED. IF IT DOES NOT LATCH, RETURN TO STEP 18 AND MAKE ADJUSTMENTS TO STRIKE PLATE.

STEP 19.2. MODIFY GASKETS IN STILE POCKET
- MODIFY GASKETS IN STILE POCKET IF THEY INTERFERE WITH DOOR LEAF CLOSING COMPLETELY.
- CREASE OR FLATTEN THE GASKETS BY USING A SMOOTH BLOCK OF WOOD OR THE BLUNT END OF A PEN OR SHARPIE MARKER AND RUN IT ALONG GASKETS FROM TOP TO BOTTOM, FIGURE 19B & 19C.

BE CAREFUL TO NOT TEAR OR DISFIGURE GASKETS IN STILE POCKET.
INSTALL END CAPS AND VALANCE
- Allow approximately 1/2" clearance above the carriage track for the valance installation.
- The dimension from top of the carriage track leg to the finished floor will be the sum of the door leaf height + 3 3/4".

**STEP 20.1. ATTACH END CAPS TO VALANCE**
(2 hex bits supplied per pallet, in kit with hanger bracket wrench)
- Slide end cap brackets into slots on end of valance and gently tap in place with non-marring mallet. Align edge against front of valance. Tighten end cap screws on brackets against end cap using hex bit, figure 20A.
- Repeat with other end cap.
- End cap brackets should be tight in valance channels.
- If end cap is not tight, insert screws (4 extras supplied) into bracket against inside front of valance and use hex bit to tighten, figure 20A & 20C.

**STEP 20.2. INSTALL VALANCE**
- Center valance cover in front of carriage track.
- Valance extends approximately 11/16" beyond each end of track.
- Push valance straight onto carriage track, figure 20B.
- Using a non-marring rubber mallet, gently tap the valance into place.

**CAUTION**
- After installing valance - visually inspect valance for straightness, plumbness and that valance is secured to carriage track. Failure to properly secure valance could result in it falling off, which could result in bodily injury or damage to parts.
FOR DOORS USING ADJUSTABLE SILL GUIDES, OTHERWISE SKIP THIS STEP.

STEP 21.1. ADJUSTABLE SILL GUIDE -- USED WITH DOOR BOTTOM TRACK WITH AN ACOUSTIC SEAL
- Adjust guide so that when door is in fully closed position seal is firmly pressed against floor, with no visible gaps.
- To adjust seal, insert flat head screwdriver into adjustment slot in face of bumper, figure 21A & 21B.
- Rotate bumper, then slide toward trailing edge of door, figure 21C, until bottom seal is completely compressed and flush with finish floor, figure 21D.

STEP 21.2. ADD LOCKING COTTER PIN
- On trailing edge side of adjustable sill guide, slide cotter pin flat onto base beneath adjustable bumper. This will lock bumper in place to maintain adjustment, figure 21E.
- If bumper needs to be adjusted, remove cotter pin, return to step 21.1, then replace cotter pin.

- There are four position settings on bumper for adjustable sill guide.
- Moving bumper toward trailing edge of door will move seal into contact with floor.

**Step 21**

**SILL GUIDE ADJUSTMENT**
(WHEN USING SILL GUIDE ACTIVATED ACOUSTIC DOOR BOTTOM)
(CLOSED DOOR SHOWN AT TRAILING EDGE)
Step 22
INSTALL GLASS INTO DOORS
WHEN REQUIRED

ALUMINUM DOORS:

STEP 22.1. CALCULATING GLASS SIZE FOR ALUMINUM DOOR OPENING
- GLASS FOR ALUMINUM DOORS IS CALCULATED BY USING DAYLIGHT OPENING DIMENSIONS, FIGURE 22A.
- TAKE DAYLIGHT OPENING DIMENSIONS (DLO) FROM ELEVATION DRAWINGS, ADD 3/4" (3/8" EACH SIDE) TO WIDTH AND HEIGHT, FIGURE 22C.
- THESE DIMENSION WILL BE SIZE OF GLASS TO BE INSTALLED.

STEP 22.2. INSTALL GLASS IN ALUMINUM DOOR OPENING
NOTE: STANDARD GLAZING STOPS ARE PROVIDED WITH GASKETS, THEY MAY BE SHIPPED LOOSE TO BE INSTALLED AND CUT TO SIZE ON SITE.
- INSTALL VERTICAL STOPS, THEN INSTALL HORIZONTAL STOPS, FIGURE 22C, INTO SLOT ON EITHER OUTSIDE OR INSIDE OF DOOR OPENING.
- PLACE SETTING BLOCKS (NOT BY A.D.) AT BOTTOM OF DOOR OPENING ON WHICH TO REST GLASS.
- PLACE BOTTOM OF GLASS ONTO SETTING BLOCKS, THEN TILT GLASS INTO OPENING.
- INSTALL VERTICAL STOPS, THEN INSTALL HORIZONTAL STOPS, INTO SLOT ON OTHER SIDE OF DOOR OPENING.

WOOD DOORS:

STEP 22.3. CALCULATING GLASS SIZE FOR WOOD DOOR OPENING
- GLASS FOR WOOD DOORS IS CALCULATED BY USING CUTOUT DIMENSIONS, FIGURE 22B.
- TAKE CUTOUT DIMENSIONS FROM ELEVATION DRAWINGS, THEN DEDUCT 1/4" (1/8" EACH SIDE) FROM WIDTH AND HEIGHT, FIGURE 22D.
- THESE DIMENSION WILL BE SIZE OF GLASS TO BE INSTALLED.

STEP 22.4. INSTALL GLASS IN WOOD DOOR OPENING
- ON EITHER OUTSIDE OR INSIDE OF DOOR OPENING, FIGURE 22D, INSTALL VERTICAL STOPS AND THEN INSTALL HORIZONTAL STOPS, USE WOOD GLUE AND BRADS/PIN NAILS.
- PLACE SETTING BLOCKS (NOT BY A.D.) AT BOTTOM OF DOOR OPENING ON WHICH TO REST THE GLASS.
- PLACE BOTTOM OF GLASS ONTO SETTING BLOCKS, THEN TILT GLASS INTO OPENING.
- ON OTHER SIDE OF DOOR OPENING, INSTALL VERTICAL STOPS AND THEN INSTALL HORIZONTAL STOPS. USE WOOD GLUE AND BRADS/PIN NAILS.

OPTION FOR ALUMINUM OR FULL LITE WOOD DOORS IF DOOR LEAF IS NOT SHIPPED WITH GLASS INSTALLED.

- DOORS ARE USUALLY SHIPPED WITH GLASS PRE-INSTALLED.
- THESE STANDARD CALCULATIONS ARE USED TO DETERMINE GLASS DIMENSIONS FOR YOUR DOOR OPENINGS.
- REFER TO AD SYSTEMS SHOP DRAWINGS FOR JOB SPECIFIC GLAZING DETAILS AND DIMENSIONS.
AD SYSTEMS SLIDING DOORS CHECKLIST:

☐ CARRIAGE TRACK CLEAN.

☐ DOOR ROLLS SMOOTHLY.

☐ DOOR STOPS IN TRACK ADJUSTED TO CORRECTLY POSITION DOOR.

☐ DOOR STOP SCREW(S) IN TRACK ARE TIGHT.

☐ HANGER BOLTS ARE TIGHT. ADJUST USING HANGER BRACKET WRENCH.

☐ ALL SOFT CLOSERS FUNCTIONING PROPERLY AND QUIETLY.

☐ DOOR-TO-STILE POCKET IN VERTICAL ALIGNMENT PER DRAWINGS. DOOR HANDLES TIGHT.

☐ WHEN DOOR IS CLOSED - CONCEALED MAGNETIC SEAL SHOULD BE COMPLETELY COMPRESSED AND FLUSH WITH FLOOR.

☐ ARE THERE ANY SCRATCHES OR TRADE DAMAGE? IF SO, REPORT TO FOREMAN AND EMAIL AD SYSTEMS PROJECT MANAGER.

☐ FINALLY, CHECK THAT ALL OF THE DOOR HARDWARE ITEMS AND FUNCTIONS ARE ADJUSTED AND OPERATING CORRECTLY.

ONCE COMPLETE, YOUR AD SYSTEMS DOOR SHOULD PROVIDE A LIFETIME OF TROUBLE FREE OPERATION.

For more information visit us at
www.specADsystems.com

Step 23
FINAL OPERATION CHECK AND ADJUSTMENTS