

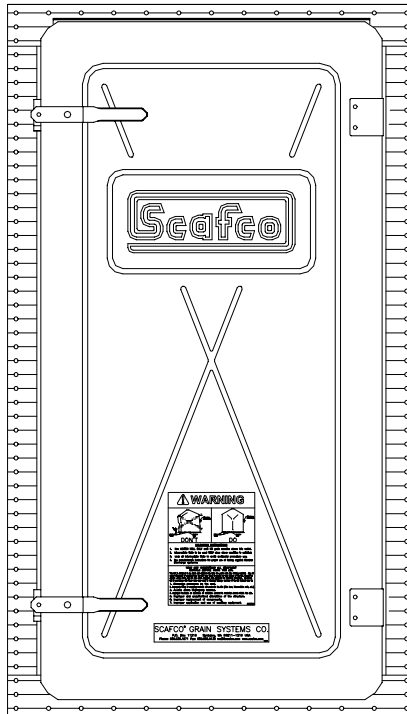
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SCAFCO[®]

WALK-IN DOOR

ASSEMBLY & INSTALLATION INSTRUCTIONS

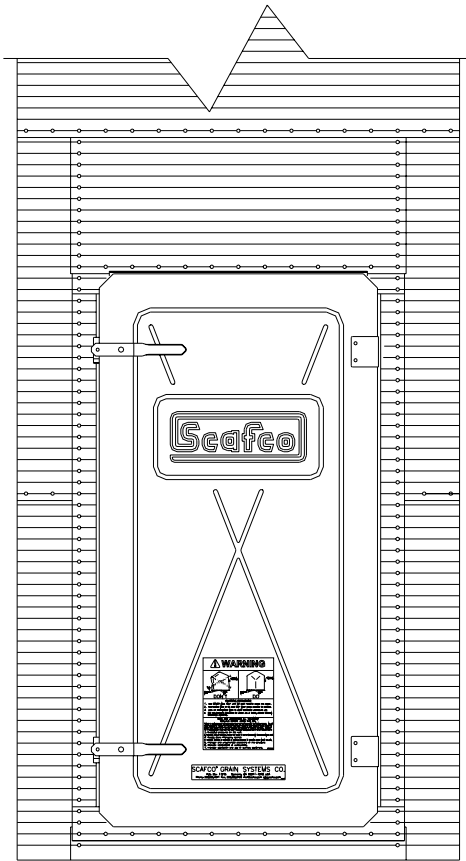


NOTE:
**AFTER DOOR INSTALLATION, STORE THIS
MANUAL IN THE MANUAL POCKET
PROVIDED ON THE INSIDE OF THE OUTER
DOOR PANEL.**

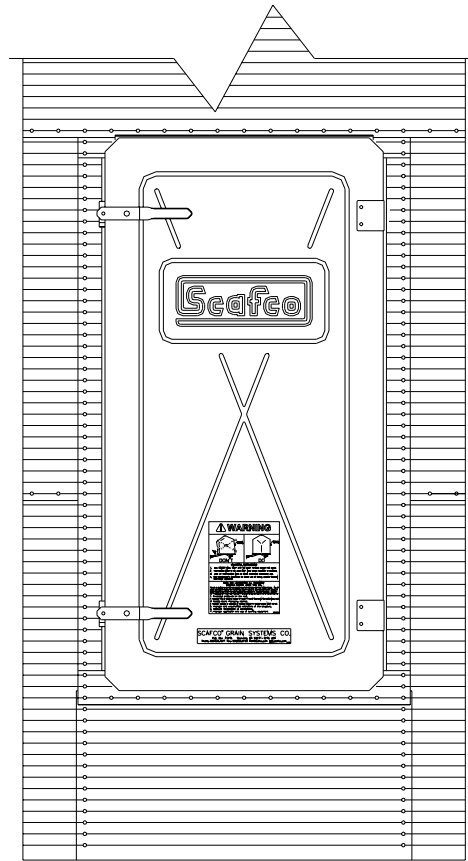


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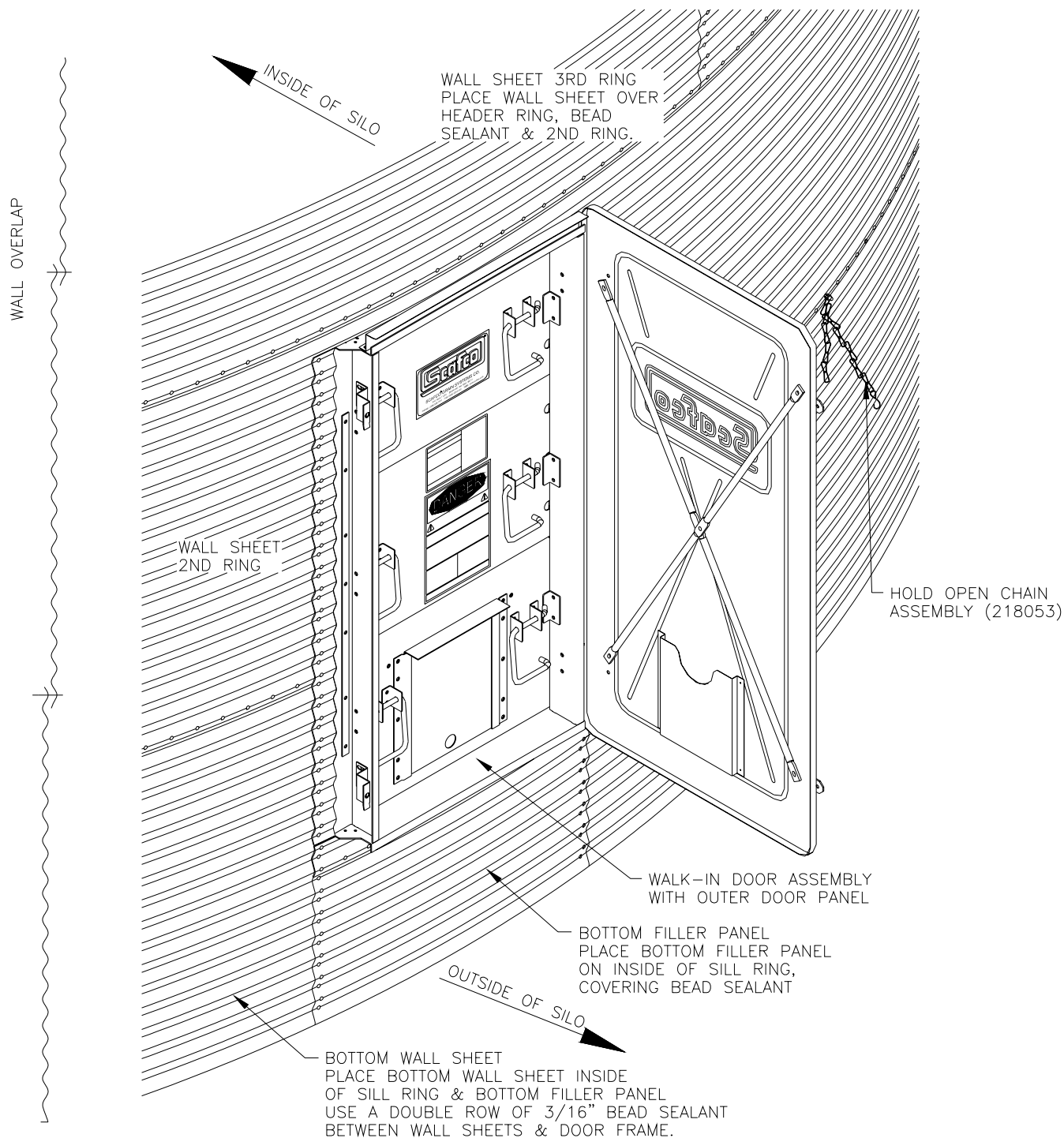
WALK-IN DOOR
(OPTIONAL POSITION)



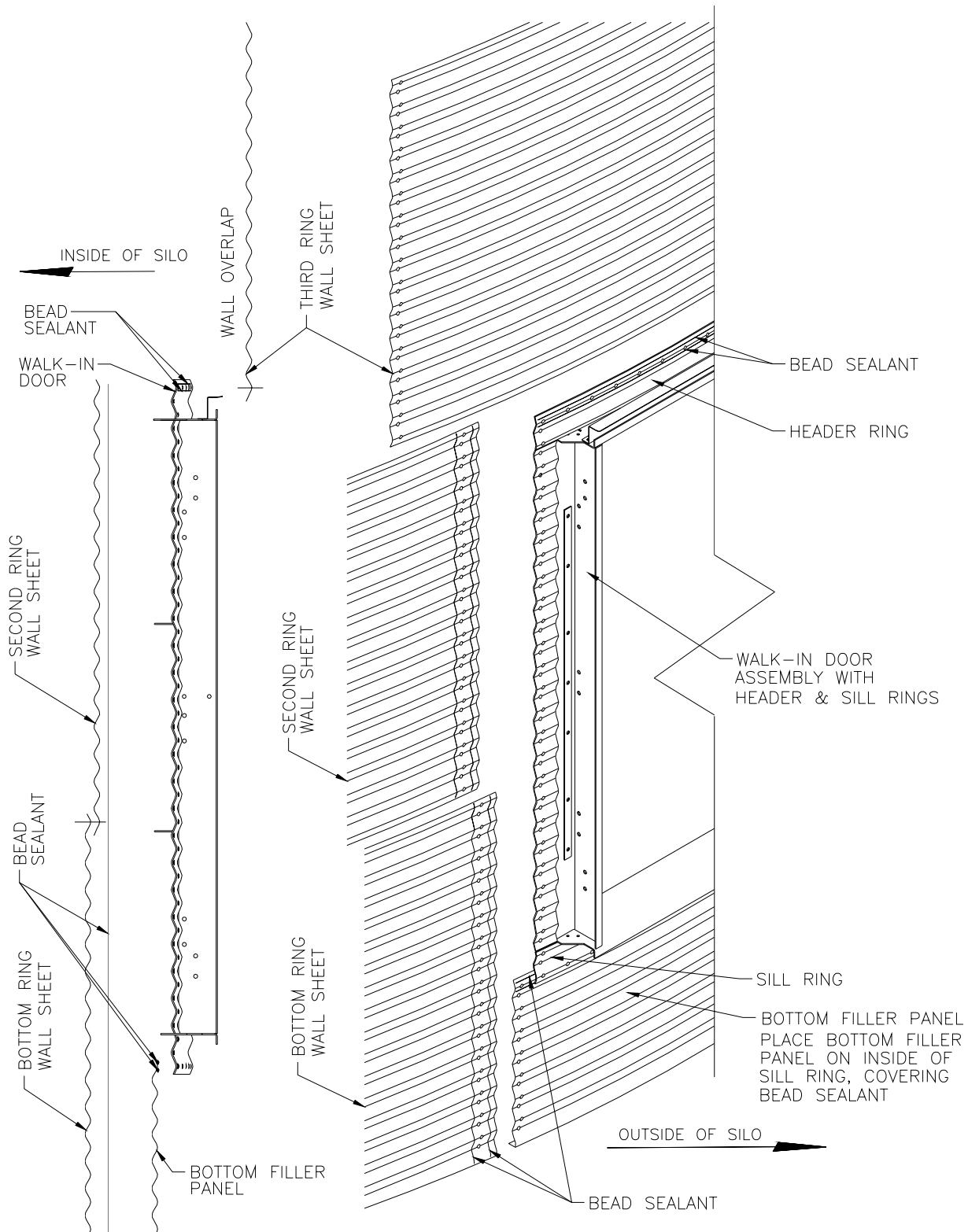
WALK-IN DOOR - RAISED
(STANDARD POSITION)

1. Remove hinge rod and inner door panels before installation. When installed, the wall sheets are bolted onto the inside of the door jambs and sill ring. The third ring wall sheet or top filler sheet is bolted onto the outside of the header ring. (See following pages). Apply a double row of bead sealant along the door jambs, header ring and sill ring, noting how the door frame and wall sheets overlap.
2. With inner door panels removed, set door frame assembly into opening as illustrated.
****Insert (3) bolts and nuts (finger tighten only), at each corner of door frame assembly and wall sheets; do not tighten until completing step #3.**
3. Reinstall inner door panels at original locations, and insert hinge rod. (See page 14 for Opening/Closing Instructions). Be sure that panels are fully seated over tapered bushings, and close latch bars to lock panels in place.
****NOTE: Do not distort door frame assembly with the use of alignment or drift punches – if necessary, drill or ream holes on door jambs to insert bolts in door frame.**
4. Install bottom filler sheet below door (212044 or 212158).
5. With inner door panels in place, tighten frame bolts starting at the center of the jambs and working toward top and bottom on each jamb simultaneously. Next, bolt header & sill rings from center out towards corners.
6. If necessary, loosen tapered bushing bolts to center in door panel slots. Keep the inner door panels in place to make this adjustment. Retighten bushing bolts.
7. Check that all inner door panels are flush against jambs and locked with latch bars.
8. Install outer door hold open chain assembly as per the instructions on page 12.

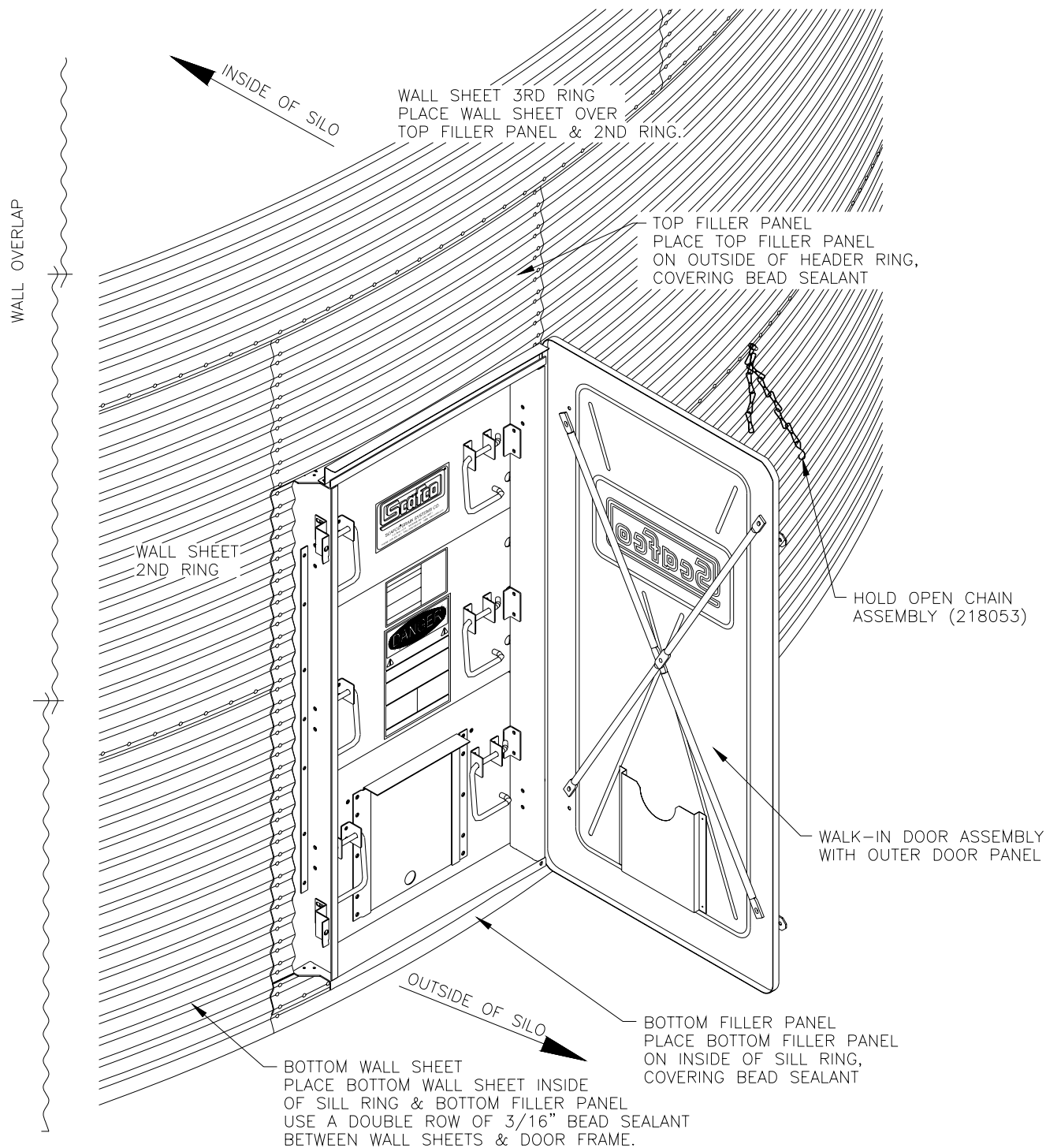
RAISED WALK-IN DOOR ILLUSTRATION (INSTALLED)



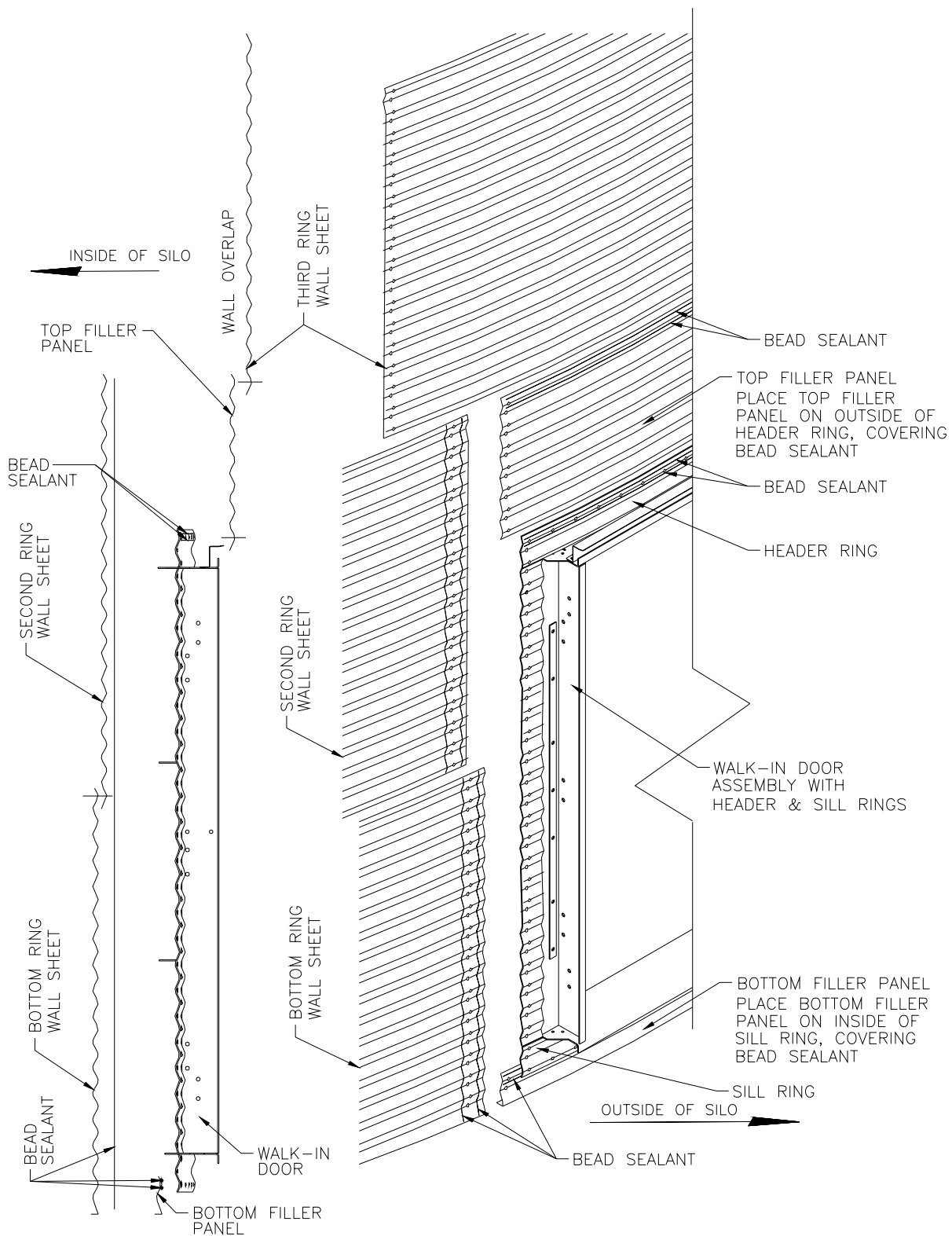
RAISED WALK-IN DOOR ILLUSTRATION (EXPLODED VIEW)



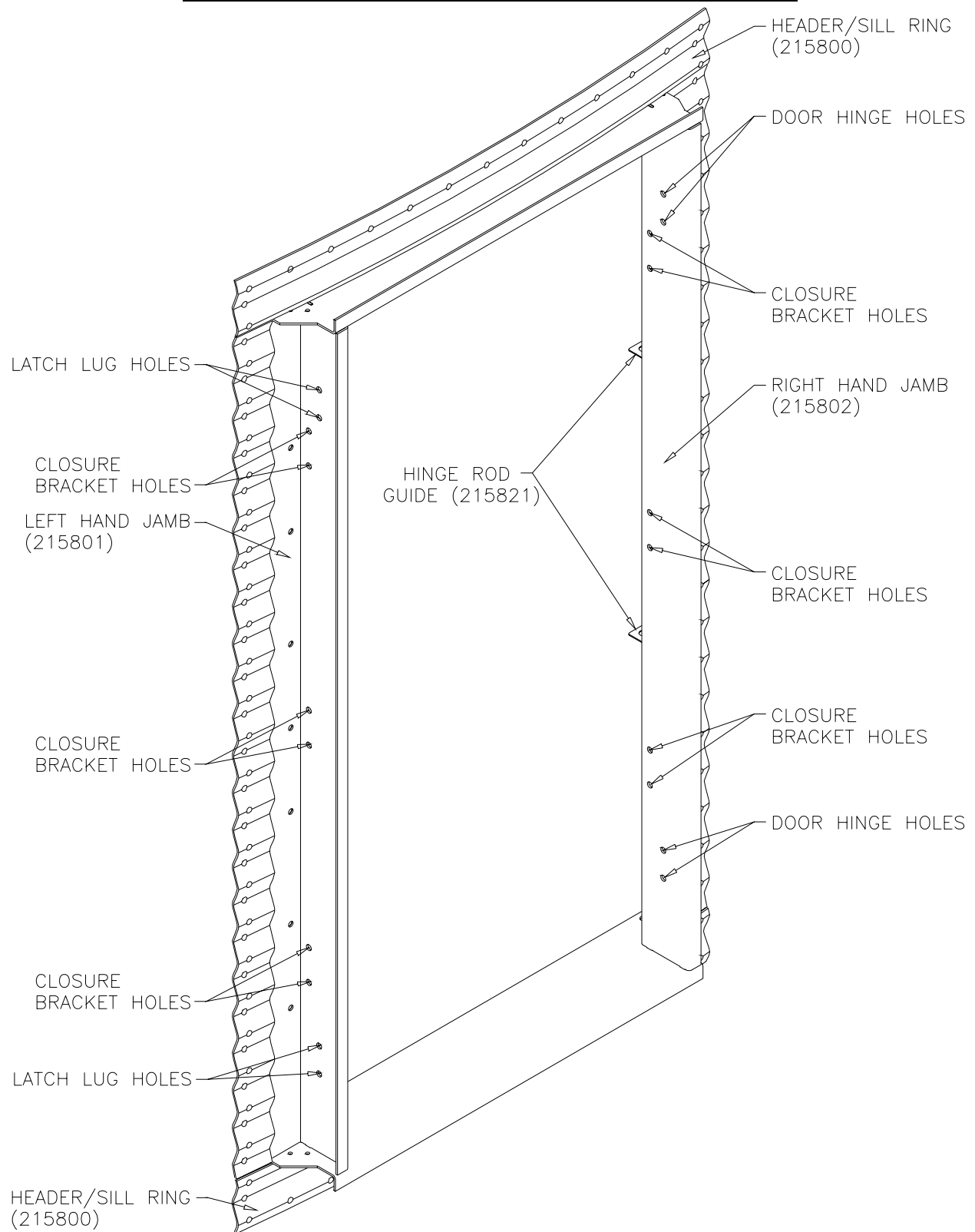
WALK-IN DOOR ILLUSTRATION (INSTALLED)



WALK-IN DOOR ILLUSTRATION (EXPLODED VIEW)



WALK-IN DOOR FRAME ASSEMBLY (210433)



STEP 1: FLAP ASSEMBLY

NOTE!!!

Bolt orientation is critical on all parts. Follow instructions for proper bolt orientation.

STANDARD/TOP PLAIN FLAP:

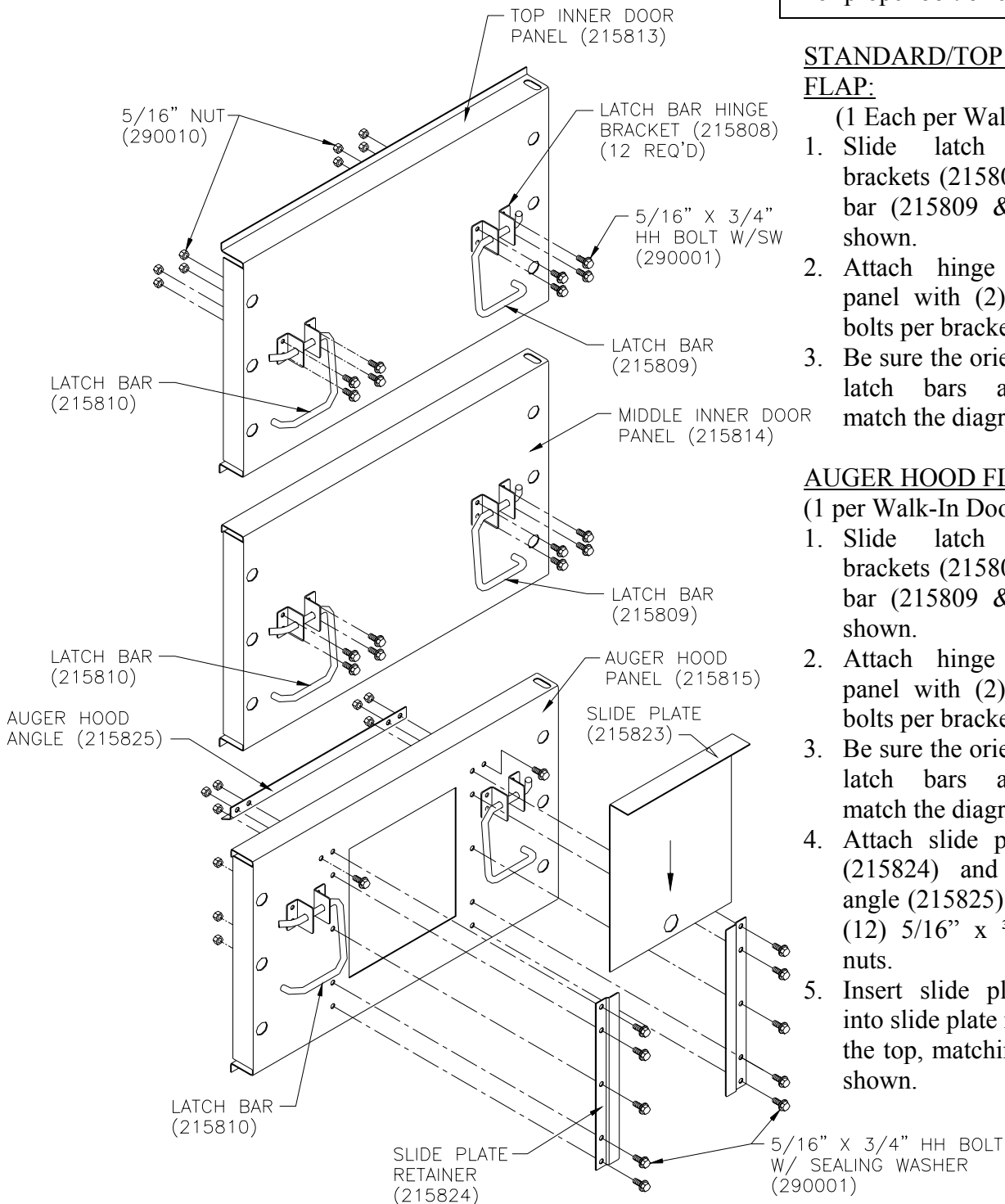
(1 Each per Walk-In Door)

1. Slide latch bar hinge brackets (215808) onto latch bar (215809 & 215810) as shown.
2. Attach hinge brackets to panel with (2) 5/16" x 3/4" bolts per bracket.
3. Be sure the orientation of the latch bars and brackets match the diagram.

AUGER HOOD FLAP:

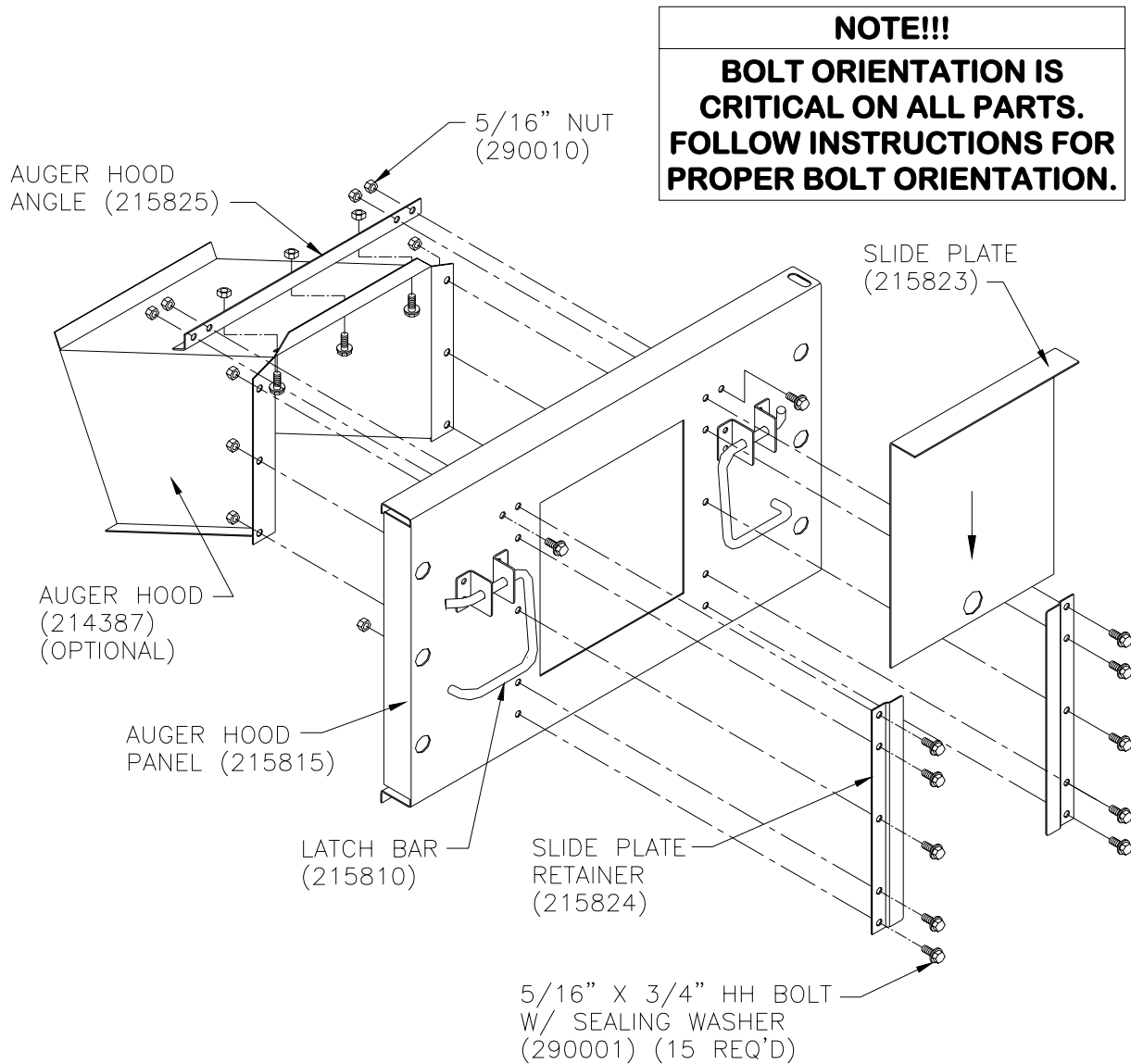
(1 per Walk-In Door)

1. Slide latch bar hinge brackets (215808) onto latch bar (215809 & 215810) as shown.
2. Attach hinge brackets to panel with (2) 5/16" x 3/4" bolts per bracket.
3. Be sure the orientation of the latch bars and brackets match the diagram.
4. Attach slide plate retainers (215824) and auger hood angle (215825) to panel with (12) 5/16" x 3/4" bolts and nuts.
5. Insert slide plate (215823) into slide plate retainers from the top, matching orientation shown.



STEP 2: FIELD INSTALLATION OF AUGER HOOD

(AUGER HOOD OPTIONAL)

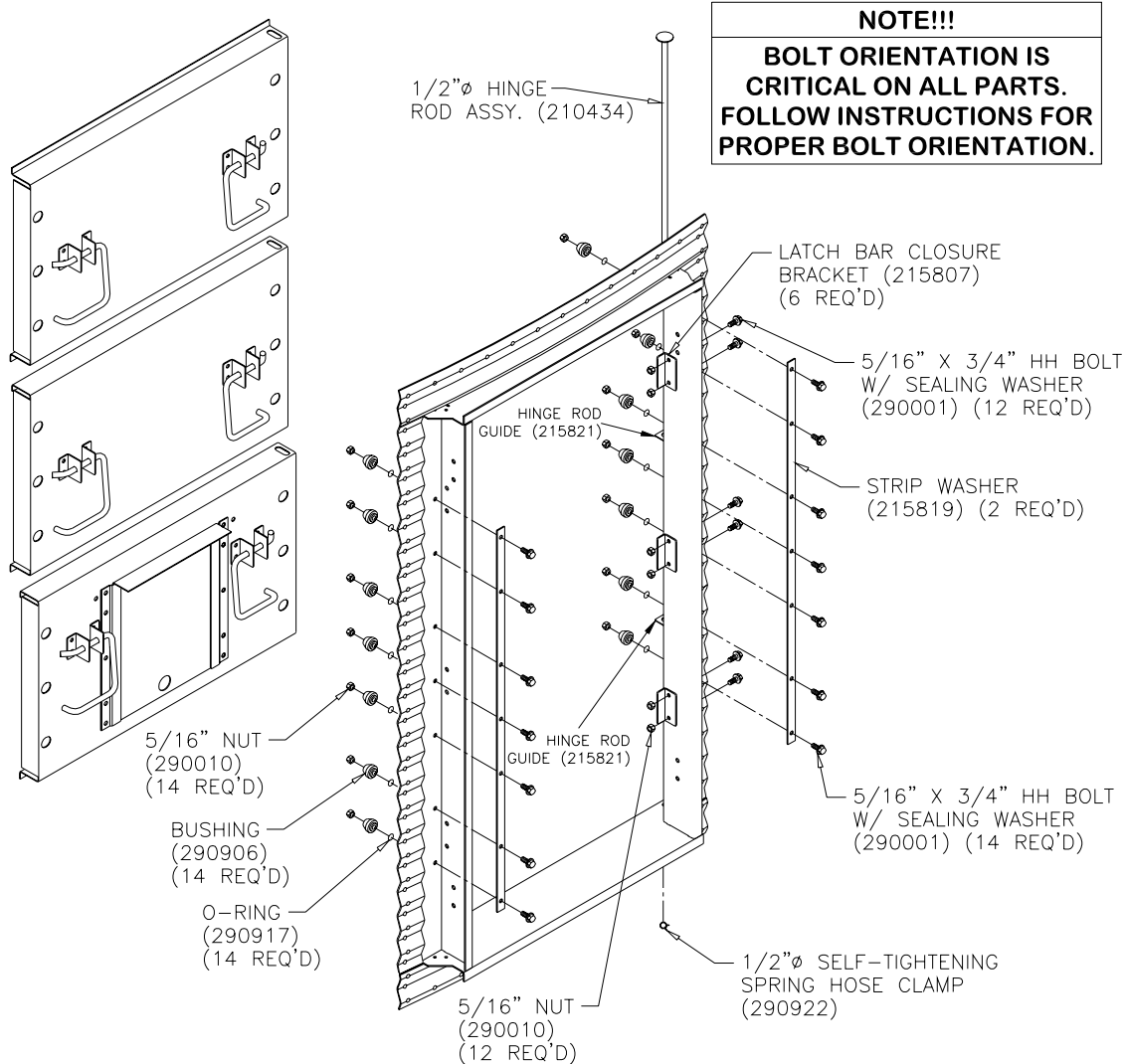


AUGER HOOD INSTALLATION:

(WHEN OPTIONAL AUGER HOOD IS USED)

1. Remove slide plate retainers (215824) and auger hood angle (215825). The same bolts will be used to install the auger hood in the following steps.
2. Attach slide plate retainers (215824) and auger hood (214387) to auger hood panel with (6) 5/16" x 3/4" h.h. bolts and nuts, using the three vertical holes on each side of the auger hood.
3. Attach the auger hood angle (215825) to the auger hood panel and the auger hood (214387), using (7) 5/16" x 3/4" h.h. bolts and nuts.
4. Attach (2) 5/16" x 3/4" h.h. bolts and nuts to the slide plate retainers (215824) in the bottom holes of the retainers.
5. It is recommended that the slide plate (215823) be used in conjunction with the auger hood, particularly when aeration equipment is used on the bin.

STEP 3: FLAP ATTACHMENT



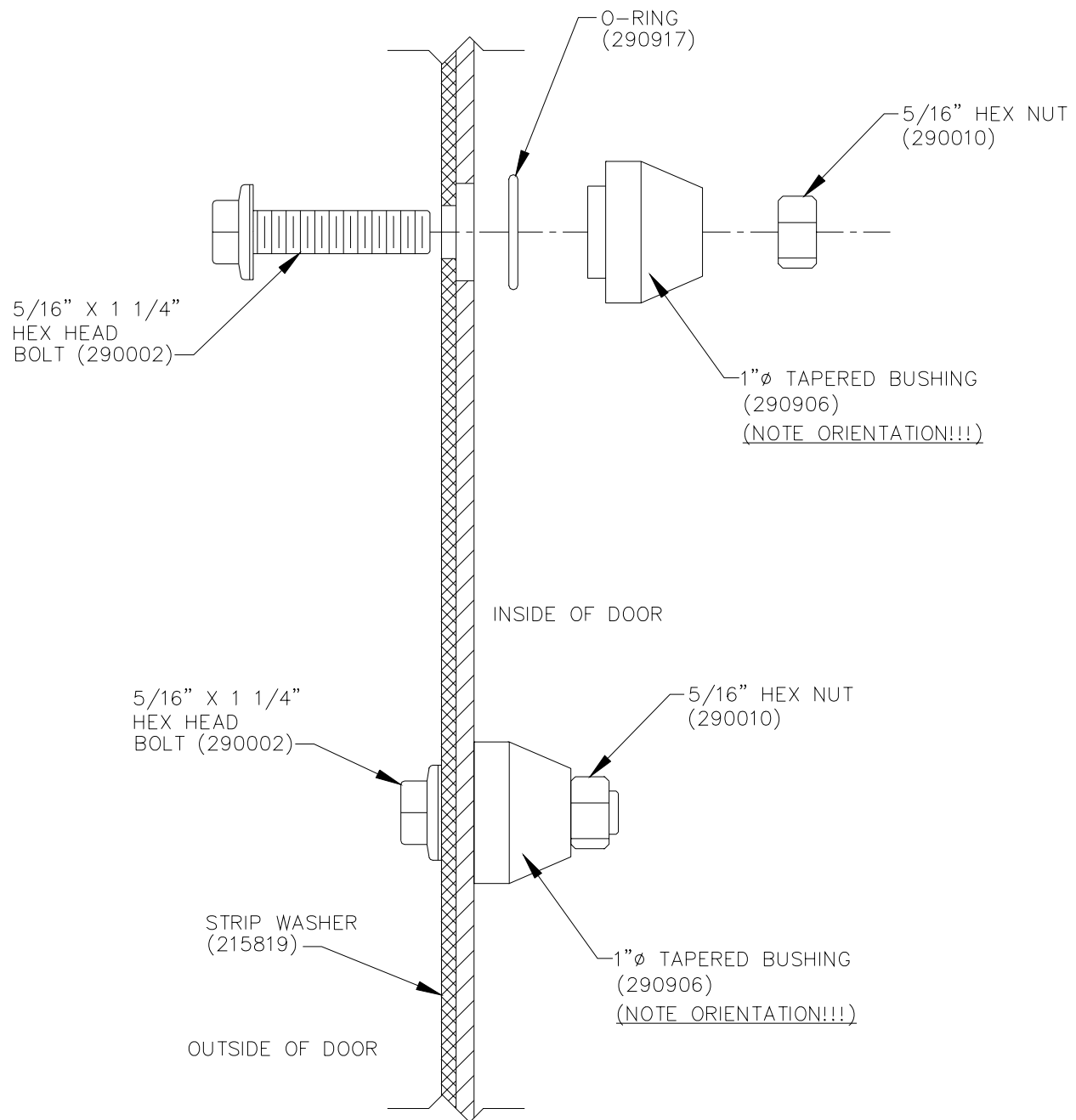
INNER DOOR PANEL/BUSHING ATTACHMENT:

1. Install one o-ring (290917) on each bushing (290906). See page 11 for detail.
2. Attach bushings (290906) and strip washers (215819) to jambs using 5/16" x 3/4" bolts and nuts.
3. Attach latch bar closure brackets (215808) to jambs using (2) 5/16" x 3/4" bolts and nuts per bracket.
4. Attach assembled inner door panels to inside of door frame by inserting hinge rod through header plate, inner door panels, hinge rod guides and sill plate.
5. Secure hinge rod in place by installing (1) self-tightening spring hose clamp (290922) on the end of the hinge rod, outside of the sill plate.

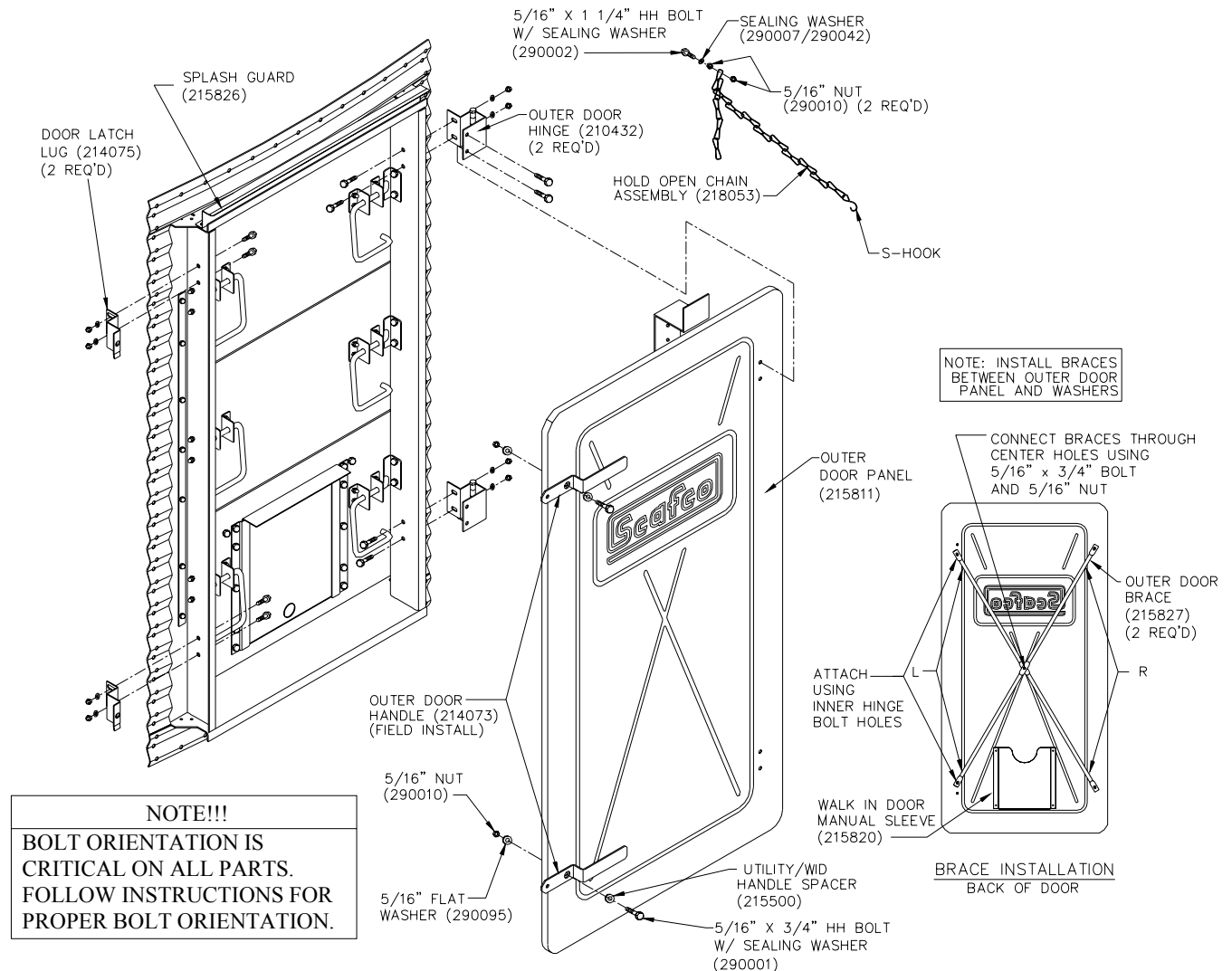
SECURING DOOR PANELS TO FRAME (BEGIN WITH BOTTOM PANEL):

1. While closing the panel, pull the left latch bar and push the right side of the panel to clear bushings on the right jamb.
2. Simultaneously pull both latch bars until panel is flush with the jambs.
3. To lock, slide the latch bars toward the jambs and push the latch bars down onto the closure bracket.
4. Close the middle panel in the same fashion and the top panel last.

STEP 4: TAPERED BUSHING INSTALLATION



STEP 5: OUTER DOOR ATTACHMENT



OUTER DOOR ATTACHMENT:

1. Attach latch lug (214075) to outer door frame (215804) with 5/16" x 3/4" bolts, flat washers and nuts.
2. Attach hinge (210432) to outer door frame (215804) & panel (215811) with 5/16" x 3/4" bolts, flat washers and nuts.

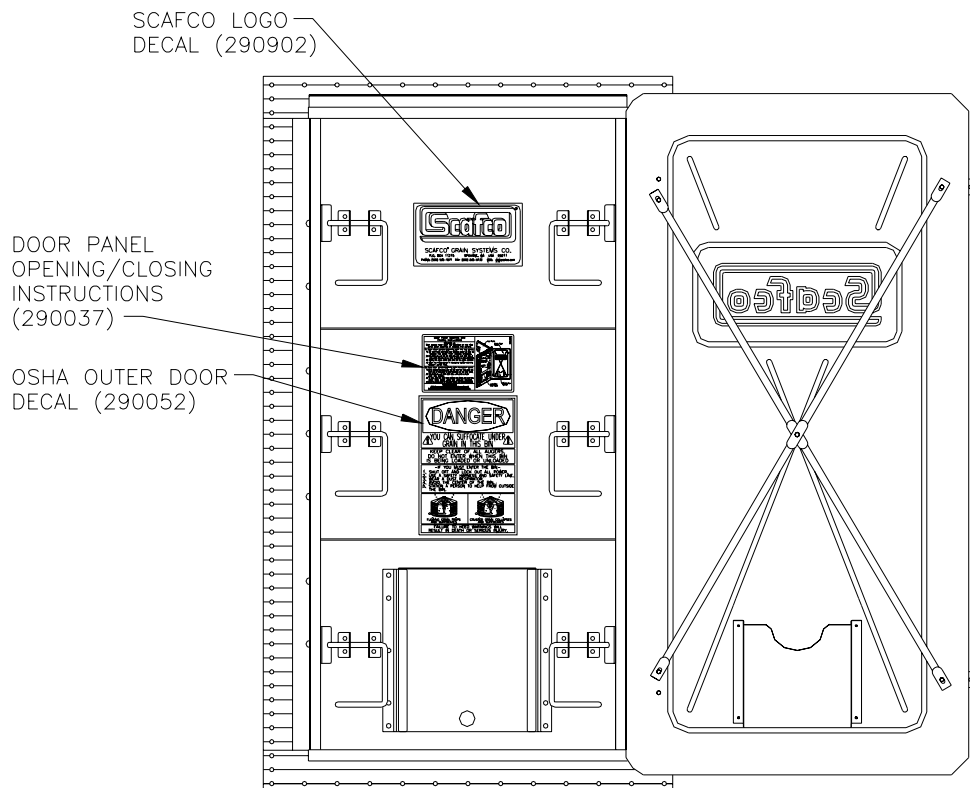
FIELD INSTALL THE FOLLOWING:

1. Attach handle (214073) to outer door panel (215811) with 5/16" x 3/4" bolts, handle spacer (215500) and nuts.
2. With outer door panel open, attach hold open chain assembly (218053) to bin wall on the horizontal seam hole near the edge of the outer door panel. Attach with 5/16" x 1 1/4" bolt, sealing washer and (2) nuts. S-hook end is attached over lip of outer door panel.
3. Install splash guard (215826) with (2) 5/16" x 3/4" h.h. bolts w/sw.

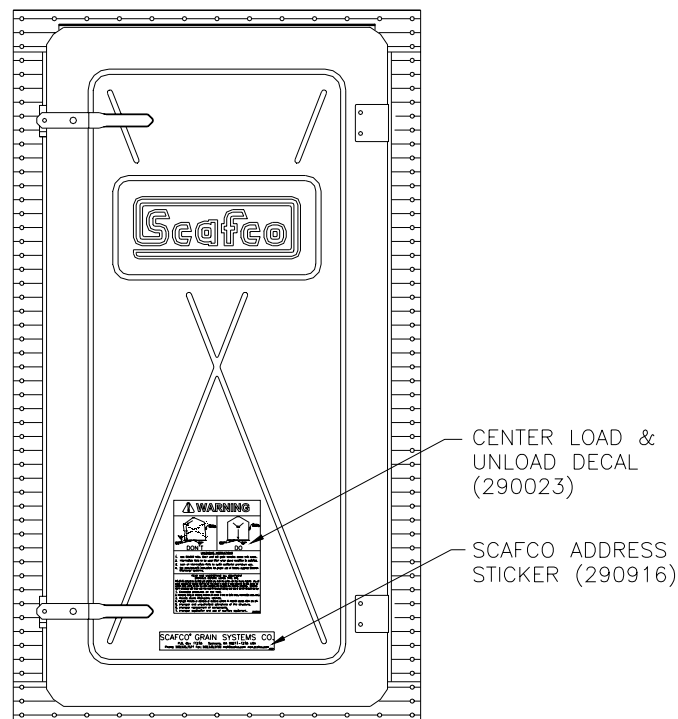
NOTE:

Adjust hold open chain according to bin diameter so that the outer door panel is held securely in the open position.

STEP 6: DECAL PLACEMENT



VIEW WITH OUTER DOOR OPENED

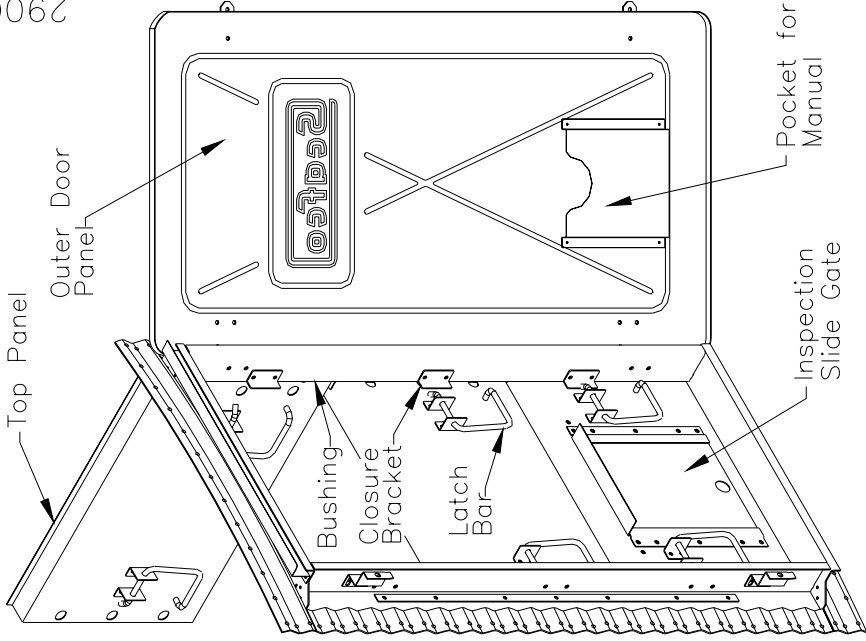


VIEW WITH OUTER DOOR OPENED

DECAL PLACEMENT

Place decals as shown in above views of walk-in door. Make sure all decals are centered and evenly spaced.

WALK-IN DOOR – OPENING & CLOSING INSTRUCTIONS

<h3>Door Panel Opening and Closing Instructions</h3>	<p>CAUTION !!!</p> <p>Door panels must clear the bushings on the right jamb when opening or closing the panels.</p>	<p>A) Open door panels beginning with the top panel.</p> <ol style="list-style-type: none"> 1) Lift latch bars and slide them towards center of door to release the panel from closure brackets. 2) Simultaneously pull the left latch bar and push right side of door panel into the bin to clear bushings on the right jamb. 3) Swing the door panel into the bin to open position. 4) Open the middle panel in the same fashion and the bottom panel last. 	<p>B) Close door panels beginning with the bottom panel.</p> <ol style="list-style-type: none"> 1) While closing the panel, pull the left latch bar and push the right side of the panel to clear bushings on the right jamb. 2) Simultaneously pull both latch bars until panel is flush with the jambs. 3) To lock, slide the latch bars toward the jambs and push the latch bars down onto the closure bracket. 4) Close the middle panel in the same fashion and the top panel last. 	<p>WARNING !!!</p> <p>All door panels must be closed and locked with latch bars before filling bin.</p>
<p>290037</p>	 <p>Labels in diagram: Top Panel, Outer Door Panel, Inspection Slide Gate, Latch Bar, Closure Bracket, Bushing, Pocket for Manual.</p>			



WALK-IN DOOR – COMPLETE ASSEMBLY PARTS LIST

PART #	QTY.	DESCRIPTION	TOTAL WT.
210433	1	WALK-IN DOOR FRAME ASSEMBLY (WELDED)	71.98#
210434	1	WALK-IN DOOR ½" ► HINGE ROD ASSEMBLY	3.40#
215807	6	LATCH BAR CLOSURE BRACKET	1.74#
215808	12	LATCH BAR HINGE BRACKET	2.28#
215809	3	RIGHT HAND LATCH BAR	2.76#
215810	3	LEFT HAND LATCH BAR	2.76#
215811	1	WALK-IN DOOR OUTER DOOR PANEL	27.10#
215813	1	WALK-IN DOOR TOP FLAP	23.00#
215814	1	WALK-IN DOOR PLAIN FLAP	23.00#
215815	1	WALK-IN DOOR AUGER FLAP	23.00#
215819	2	STRIP WASHER FOR BUSHINGS	2.28#
215820	1	WALK-IN DOOR MANUAL SLEEVE	1.37#
215823	1	AUGER FLAP SLIDE PLATE	6.61#
215824	2	SLIDE PLATE RETAINER	1.94#
215825	1	AUGER HOOD RETAINING ANGLE	0.95#
215826	1	WALK-IN DOOR SPLASH GUARD	1.74#
210432	2	OUTER DOOR PANEL HINGE	2.36#
214073	2	WALK-IN DOOR HANDLE	1.30#
214075	2	WALK-IN DOOR LATCH LUG	1.02#
215500	2	WALK-IN DOOR HANDLE SPACER	0.01#
215827	2	WALK-IN DOOR OUTER PANEL CROSS BRACE	2.2#
290001	65	5/16" X ¾" HH BOLT W/ SW GR. 8.2	1.98#
290002	14	5/16" X 1 ¼" HH BOLT W/ SW GR 8.2	0.59#
290010	79	5/16" HEX NUT	0.89#
290095	12	5/16" FLAT WASHER	0.18#
290671	4	5/32" ► X 1 1/8"-3/16" BH ALUMINUM RIVET	0.02#
290906	14	1" ► TAPERED BUSHING FOR STUD BOLTS	1.58#
290917	14	1/16" WIDE X ½" I.D. X 9/16" O.D. O-RING	0.05#
290922	1	½" ► SELF-TIGHTENING SPRING HOSE CLAMP	0.01#
290023	1	CENTER LOAD & UNLOAD DECAL	0.01#
290037	1	OPEN/CLOSE INSTRUCTION DECAL	0.01#
290052	1	OSHA OUTER DOOR STICKER	0.01#
290902	1	SCAFCO LOGO DECAL	0.01#
290916	1	SCAFCO ADDRESS STICKER	0.01#
			TOTAL WEIGHT 208.15#
			SHIPPING WEIGHT 218.56#

***NOTE: SEE ASSEMBLY INSTRUCTIONS FOR PROPER DECAL PLACEMENT**



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