



9' BULK FEED BIN

MODEL 509

Repair Parts List

CORRUGATED HOPPERS

1 RING BIN

509038 20ga Main
509039 20ga Main w/Decal

2 RING BIN

509038 20ga Main
509008 20ga Extension
509009 20ga Ext. w/Decal

3 RING BIN

509038 20ga Main
509008 20ga Extension
509009 20ga Ext. w/Decal

4 RING BIN

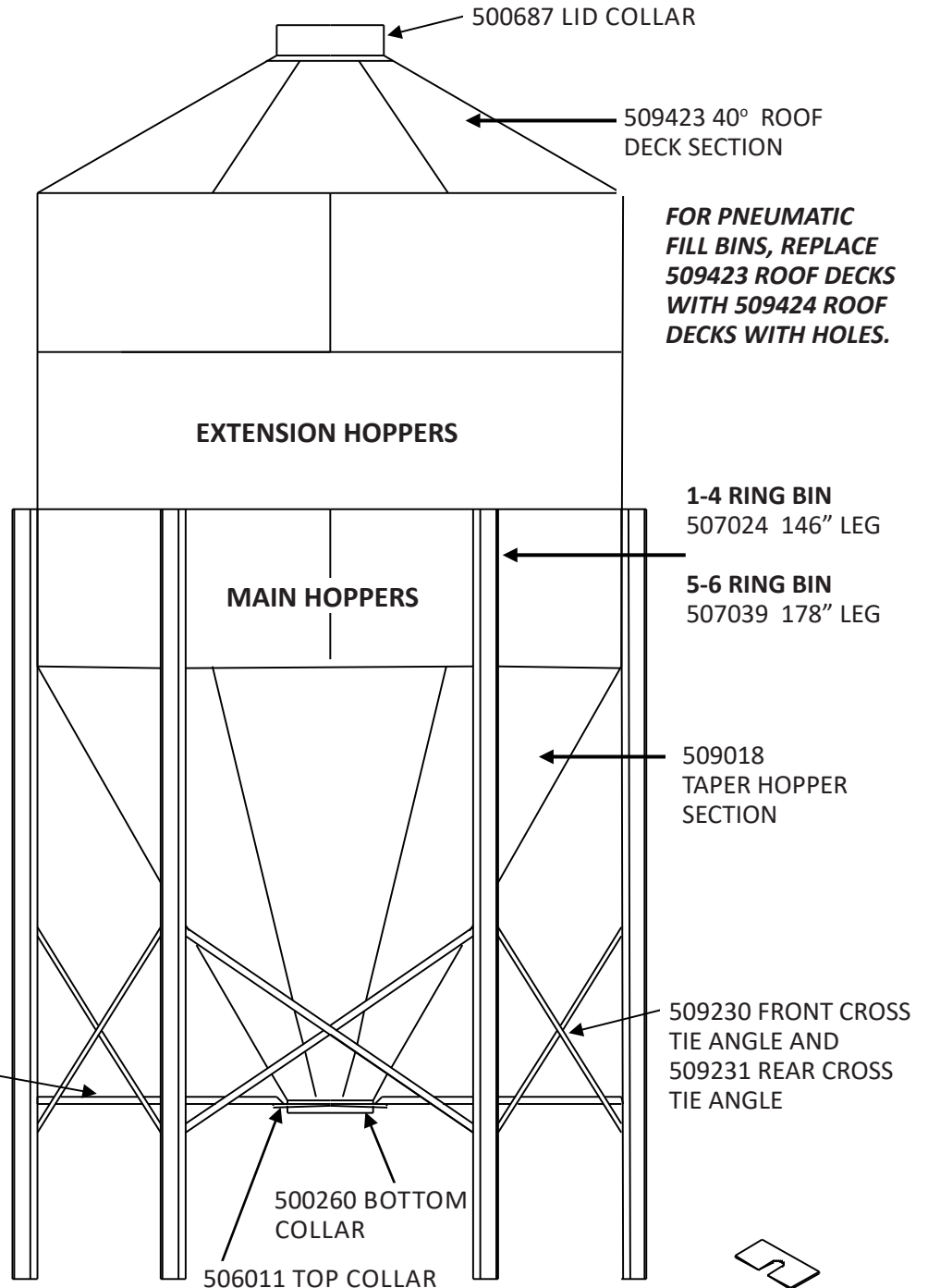
509037 18ga Main
509008 20ga Extension
509009 20ga Ext. w/Decal

5 RING BIN

509035 16ga Main
509011 18ga Main Ext.
509014 18ga Extension
509008 20ga Extension
509009 20ga Ext. w/Decal

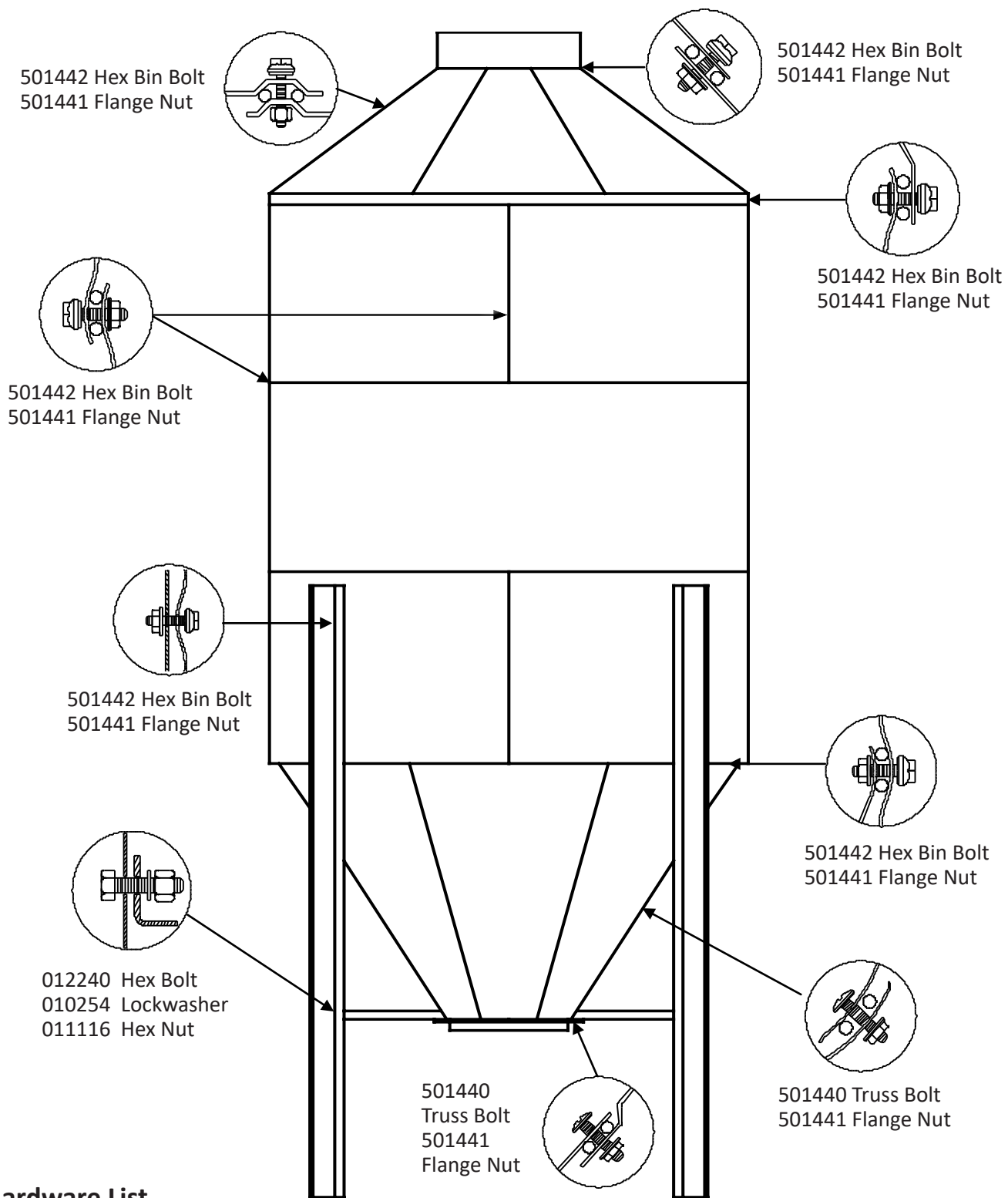
6 RING BIN

509035 16ga Main
509011 18ga Main Ext.
509014 18ga Extension
509008 20ga Extension
509009 20ga Ext. w/Decal

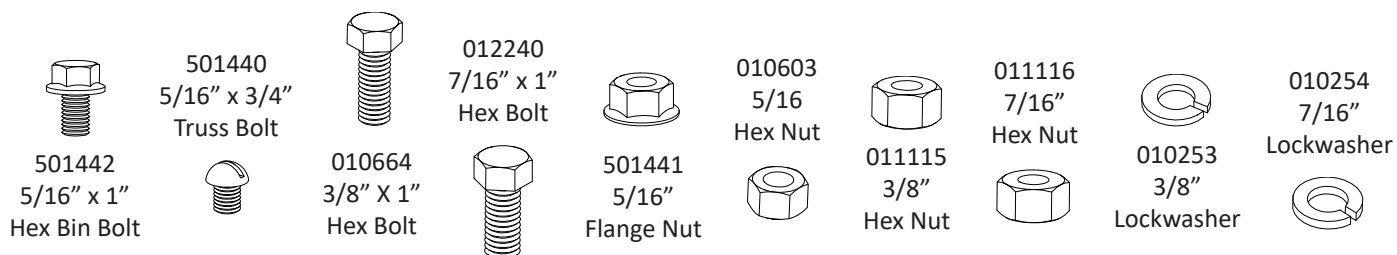


5 - 6 RING BINS REQUIRE SPECIAL BRACING.

Assorted Hardware



Hardware List



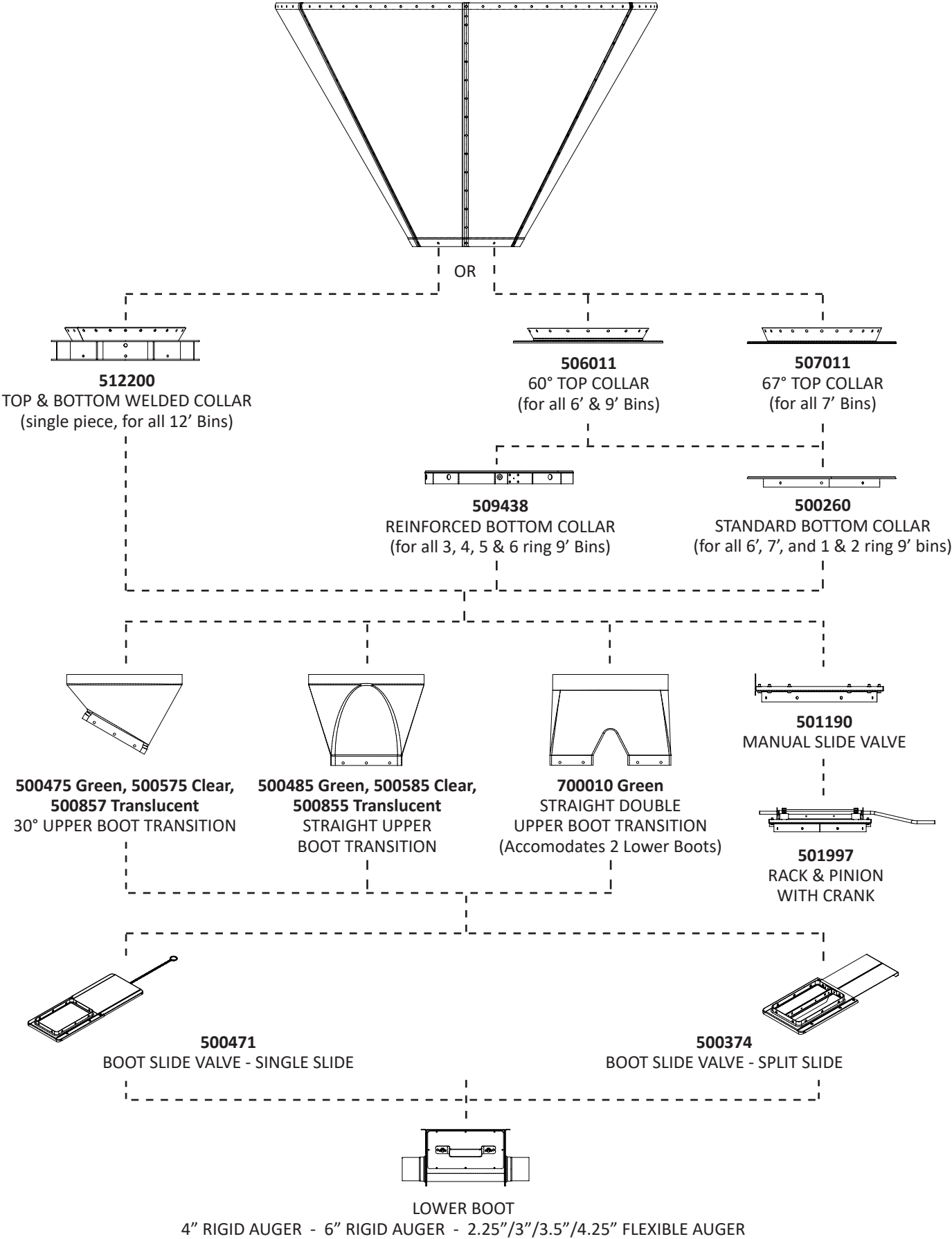
9 Ft Feed Bin - Common Parts List

BIN SIZE & OPENING		9' - 16" OPENING						9' - 16" OPENING					
OPENER TYPE		WAY-BACK OPENER						PNEUMATIC FILL ROOF					
NUMBER OF RINGS		1	2	3	4	5	6	1	2	3	4	5	6
ORDER NUMBER		509W41	509W42	509W43	509W44	509W45	509W46	509741	509742	509743	509744	509745	509746
PART #	DESCRIPTION	QUANTITY						QUANTITY					
500650	Way-Back Lid Carton	1	1	1	1	1	1	0	0	0	0	0	0
500790	40° Pneumatic Fill Kit Lid Carton	0	0	0	0	0	0	1	1	1	1	1	1
506171	Collar Carton	1	1	0	0	0	0	1	1	0	0	0	0
507024	Galvanized Leg - 146" (1-4R)	6	6	6	6	0	0	6	6	6	6	0	0
507033	"X" Brace	0	0	0	0	12	12	0	0	0	0	12	12
507039	Galvanized Leg - 178" (5-6R)	0	0	0	0	6	6	0	0	0	0	6	6
509008	20 ga. Extension Hopper - Plain	0	2	5	8	5	8	0	2	5	8	5	8
509009	20 ga. Extension Hopper - Decal	0	1	1	1	1	1	0	1	1	1	1	1
509011	18 ga. Main Hopper - Plain	0	0	0	0	3	3	0	0	0	0	3	3
509014	18 ga. Extension Hopper - Plain	0	0	0	0	3	3	0	0	0	0	3	3
509018	Taper Hopper Section	9	9	9	9	9	9	9	9	9	9	9	9
509032	Brace Tie	0	0	0	0	12	12	0	0	0	0	12	12
509035	16 ga. Main Hopper - Plain With Drip Edge	0	0	0	0	3	3	0	0	0	0	3	3
509037	18 ga. Main Hopper - Plain With Drip Edge	0	0	0	3	0	0	0	0	0	3	0	0
509038	20 ga. Main Hopper - Plain With Drip Edge	2	3	3	0	0	0	2	3	3	0	0	0
509039	20 ga. Main Hopper - Decal With Drip Edge	1	0	0	0	0	0	1	0	0	0	0	0
509041	Taper Hopper Reinforcement Angle	0	0	9	9	9	9	0	0	9	9	9	9
509059	Basic Caulking Carton	1	1	1	1	1	1	1	1	1	1	1	1
509072	Extension Hardware Carton	0	1	2	3	4	5	0	1	2	3	4	5
509160	Basic Hardware Carton	1	1	1	1	1	1	1	1	1	1	1	1
509163	178" Leg Hardware Carton	0	0	0	0	1	1	0	0	0	0	1	1
509167	Special Bracing Hardware Bag	0	0	0	0	1	1	0	0	0	0	1	1
509230	Front Cross Tie Brace Angle	6	6	6	6	0	0	6	6	6	6	0	0
509231	Rear Cross Tie Brace Angle	6	6	6	6	0	0	6	6	6	6	0	0
509232	Leg-Collar Brace Angle	6	6	6	6	6	6	6	6	6	6	6	6
509423	Roof Deck Section 40°	9	9	9	9	9	9	7	7	7	7	7	7
509424	Roof Deck Section 40° - Pneumatic Fill	0	0	0	0	0	0	2	2	2	2	2	2
509440	Collar Carton, Reinforced	0	0	1	1	1	1	0	0	1	1	1	1
OPTIONAL TRU-LOCK ADD-ON	500226	Tru-Lok Basic Tube	1	1	1	1	1	X	X	X	X	X	X
	500728	Tru-Lok Tube Guide (3-6 Ring)	0	0	1	1	1	X	X	X	X	X	X
	500729	Tru-Lok Extension Tube	1	2	3	4	5	X	X	X	X	X	X
	500775	Tru-Lok Accessory Carton 40°	1	1	1	1	1	X	X	X	X	X	X
	509727	Tru-Lok Roof Tube - 9'	1	1	1	1	1	X	X	X	X	X	X
OPTIONAL LADDER	500191	Extension Ladder	1	2	3	4	5	6	1	2	3	4	5
	500772	Basic Ladder 40°	1	1	1	1	1	1	1	1	1	1	1
	509034	Ladder Stand-Off Ring	1	1	1	1	1	1	1	1	1	1	1
	509916	Roof Ladder 40°	1	1	1	1	1	1	1	1	1	1	1
PNEUMATIC FILL OPTIONS	509640	Pneumatic Fill Kit - 9' 40°	X	X	X	X	X	X	1	1	1	1	1
	704287	4" Tube Joiner w/ Hardware	X	X	X	X	X	X	0	0	0	0	1
	704411	4" X 7' Galvanized Side Fill Tub	X	X	X	X	X	X	0	0	0	0	0
	704412	4" X 11' Galvanized Side Fill Tub	X	X	X	X	X	X	1	1	0	0	0
	704413	4" X 15' Galvanized Side Fill Tub	X	X	X	X	X	X	0	0	1	0	0
	704414	4" X 19' Galvanized Side Fill Tub	X	X	X	X	X	X	0	0	0	1	1
	704441	4" X 4' Galvanized Side Fill Tub	X	X	X	X	X	X	0	0	0	0	1

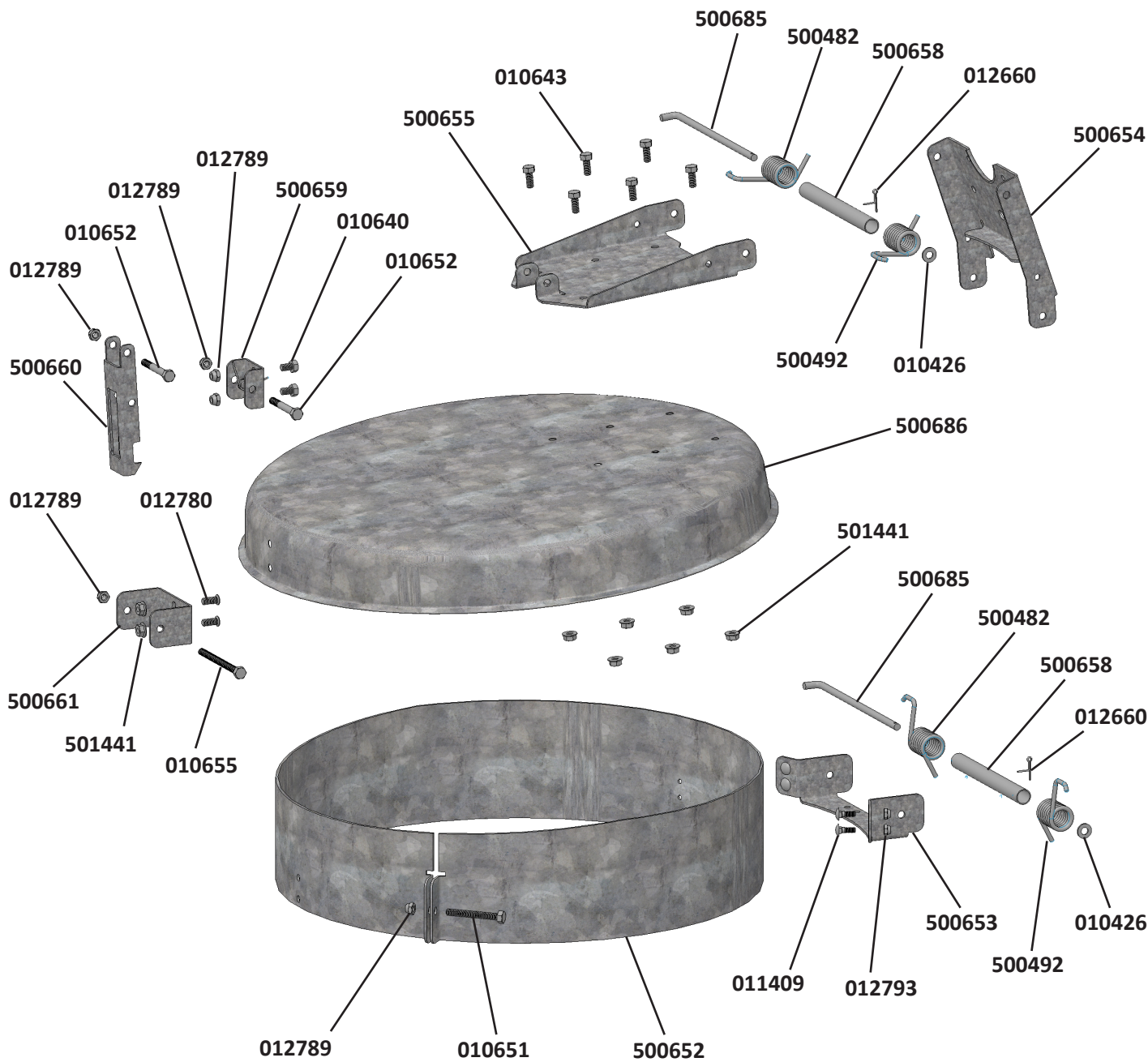
9 Ft Feed Bin Accessories - Parts List

PART #	DESCRIPTION
Bin Accessories	
500221	Anchor Bolt Kit for 9' Diameter Bins
500578	Bin Lifting Bracket Kit
500621	Taper Hopper Slide Valve
501170	25" to 16" Opening Extension Kit Less Boot Collar
501180	25" to 16" Opening Extension Kit With Boot Collar
501398	Roof Vent Kit - 9' Bin
502003	Peek Thru Window
509090	3.40 ton 20 ga. Extension Ring With Hardware - 9' Bin
509091	3.40 ton 18 ga. Extension Ring With Hardware - 9' Bin
509250	9' Bin Taper Hopper Repair Kit
509515	9' Taper Hopper Access Panel
Bin 16" Opening Attachments	
500374	Boot Slide Valve - Split Slide
500471	Boot Slide Valve - Single Slide
500475	30° Upper Boot Transition - Green
500485	Straight Upper Boot Transition - Green
500575	30° Upper Boot Transition - Clear
500585	Straight Upper Boot Transition - Clear
501190	Manual Slide Valve
501997	Rack & Pinion with Crank
700010	Straight Double Upper Boot Transition (Accommodates 2 Lower Boots)

Bin 16" Opening Attachments



Way-Back Lid Assembly - Exploded Drawing (500650)

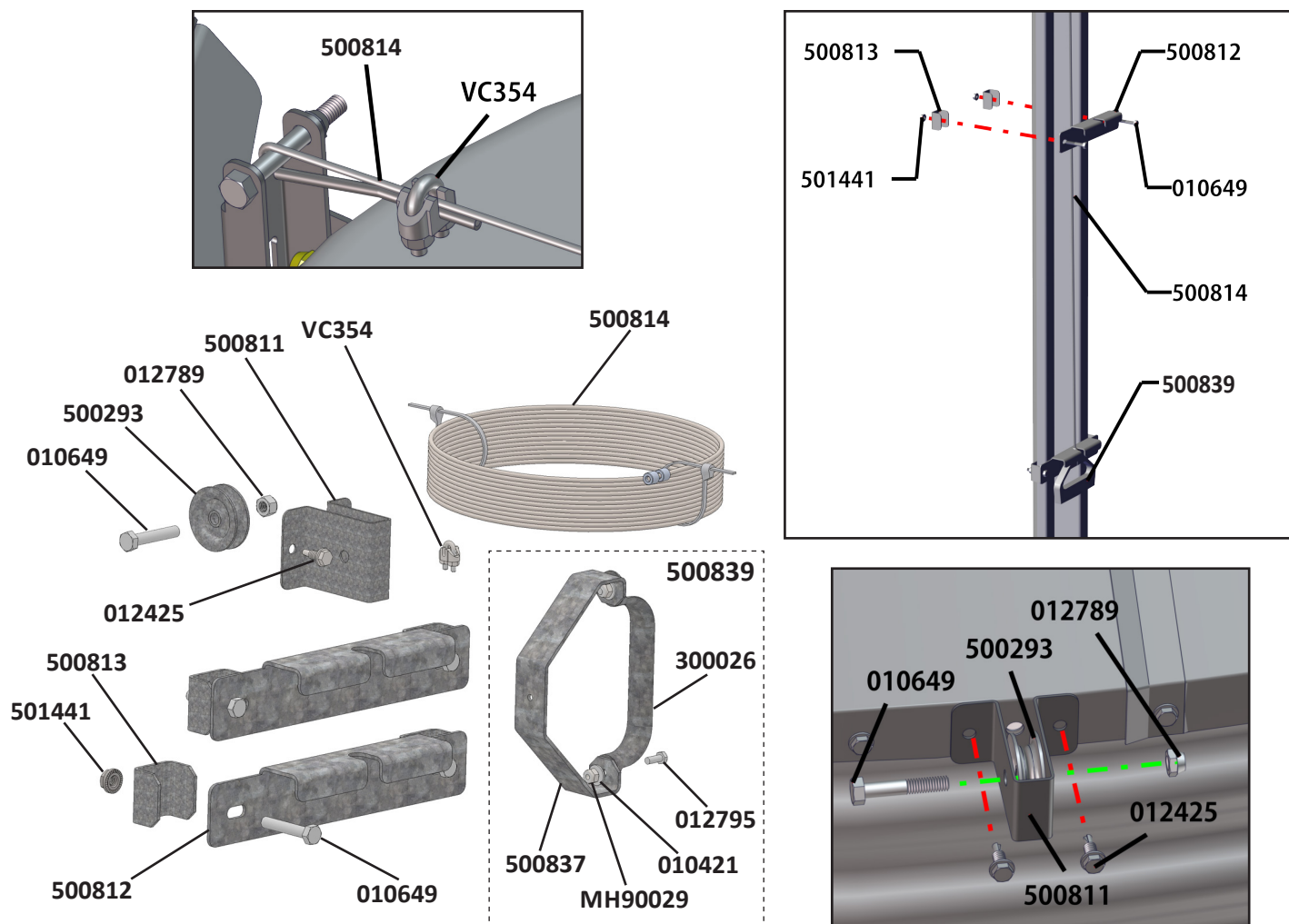


Way-Back Lid - Parts List

PART #	DESCRIPTION	QTY
500650 - WAYBACK LID OPENER (Pre-Assembled)		
010426	WASHER, FLAT 5/16" SAE ZP	2
010640	BOLT, HEX HEAD, 5/16-18 X 1/2" ZP	2
010643	5/16-18 X 3/4" HEX BOLT	6
010651	5/16" X 2-1/2" FULLY THREADED HEX BOLT	1
010652	5/16" X 2-1/2" HEX BOLT	2
010655	5/16-18 X 4" FULLY THREADED GRADE 5 TAP BOLT (YZP)	1
011409	1/4-20 X 3/4" CARRIAGE BOLT	4
012660	7/64" X 3/4" COTTER PIN	2
012780	STUD, PRESS 5/16-18" X 3/4" ZP SELF CLINCHING	2
012789	5/16-18 NYLOCK NUT	6
012793	1/4-20 NYLOCK NUT	4
500482	RIGHT HANDLE LOCK SPRING	2
500492	LEFT HANDLE LOCK SPRING	2
500638	25" X 25" X 9-3/8" CARTON	1
500652	LID LOCKING COLLAR	1
500653	BOTTOM LID HINGE BRKT	1
500654	COLLAR TO LID HINGE BRKT	1
500655	TOP LID HINGE BRKT.	1
500658	SPRING SPACER	2
500659	LID LOCKING BRACKET	1
500660	LID UNLOCKING ARM	1
500661	COLLAR LOCKING BRACKET	1
500662	LID LOCKING SPRING	1
500685	HINGE ROD L/COTTER PIN	2
500686	STACKABLE BIN LID	1
500815	HARDWARE BAG OPENER BIN LID	1
501441	NUT, HEX FLANGE 5/16"-18, ZP JS500	8

NOTE: When ordered as replacement parts quantities will vary.

Way-Back Lid Cord Containment Bracket and Retainer - Parts List

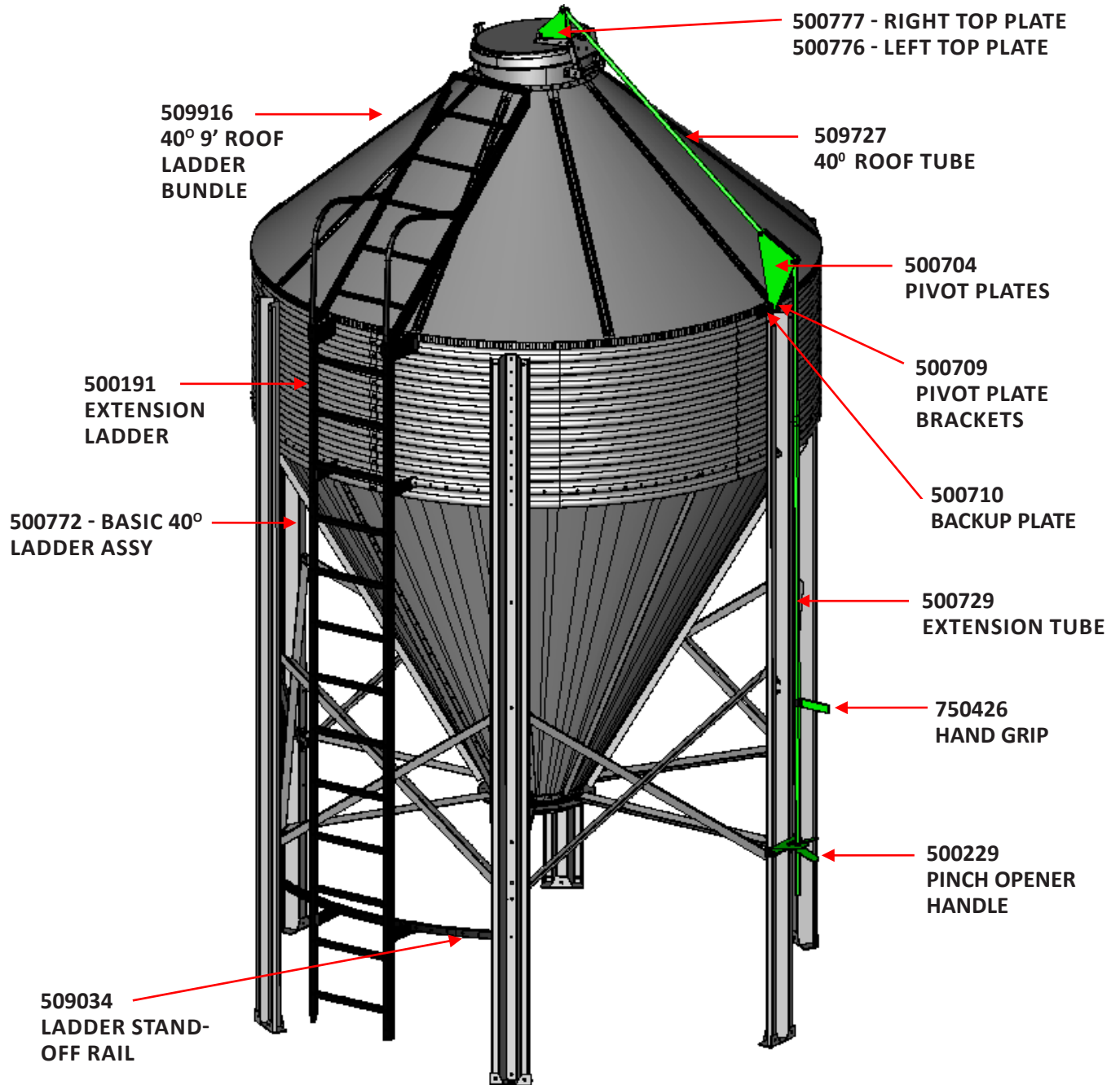


PART #	DESCRIPTION	QTY
500815 - HARDWARE BAG FOR BIN LID OPENER		
010421	3/16" FLAT WASHER	2
010649	5/16-18 X 1-3/4" HEX BOLT	5
012425	1/4" X 3/4" SELF DRILLING SCREWS	2
012789	5/16-18 NYLOCK NUT	1
012795	#10-24 X 1/2" UNSLOTTED HEX BOLT	2
300026	LID HANDLE	1
500293	PULLEY FOR LID CHAIN	1
500811	RETAINER, PULLEY	1
500812	RETAINER, HANDLE	2
500813	CLAMP, RETAINER	4
500814	CABLE ASSEMBLY, 1/8, 32.5'	1
500837	BIN LID HANDLE TOP	1
501441	5/16"-18 HEX FLANGE NUT	4
MH90029	#10-24 NYLOCK NUT	2
VC354	1/8" CABLE CLAMP	1

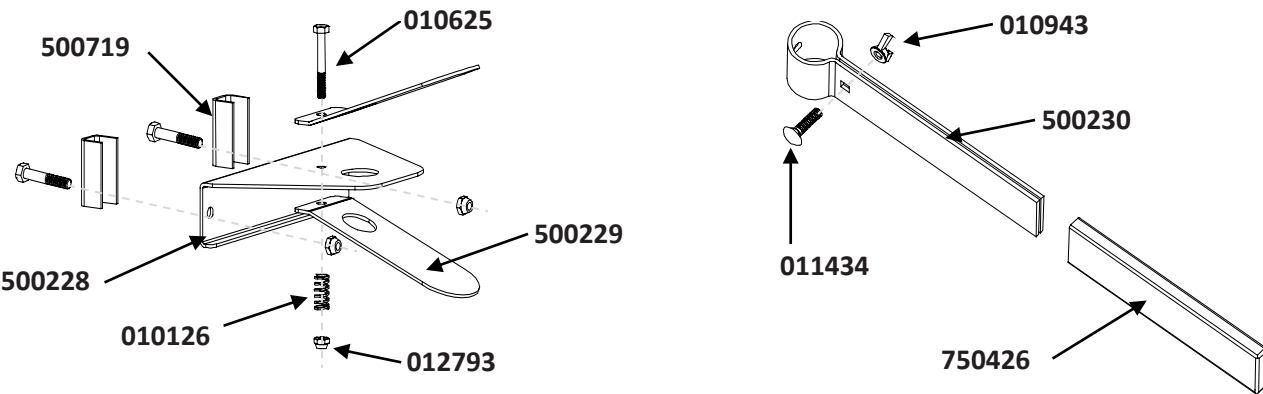
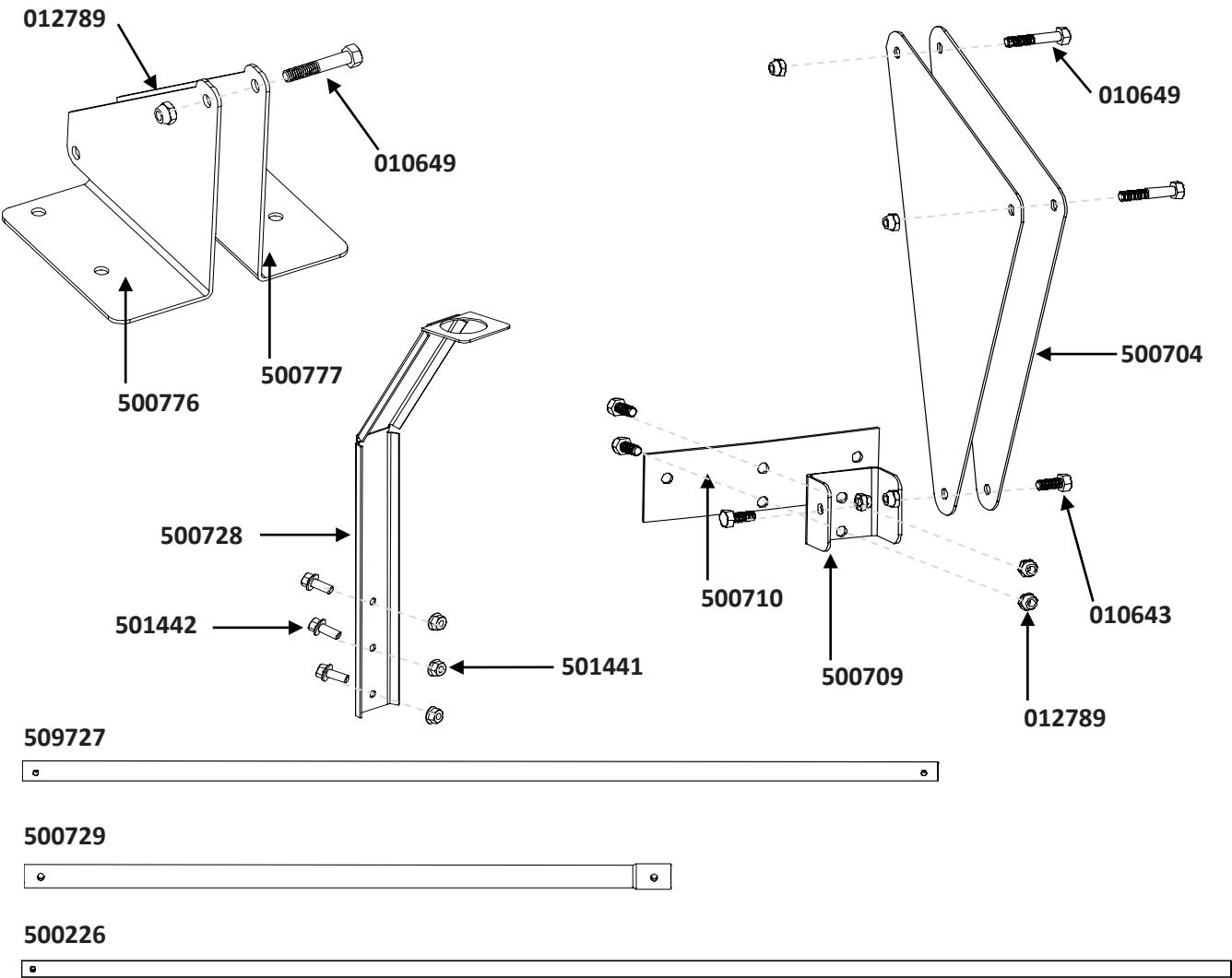
NOTE: When ordered as replacement parts quantities will vary.

NOTE: The Bin Lid Handle can be ordered pre-assembled as **500839 (BIN LID HANDLE ASSEMBLY)**

Tru-Lok Add-On Lid Opener and Ladder - Overview



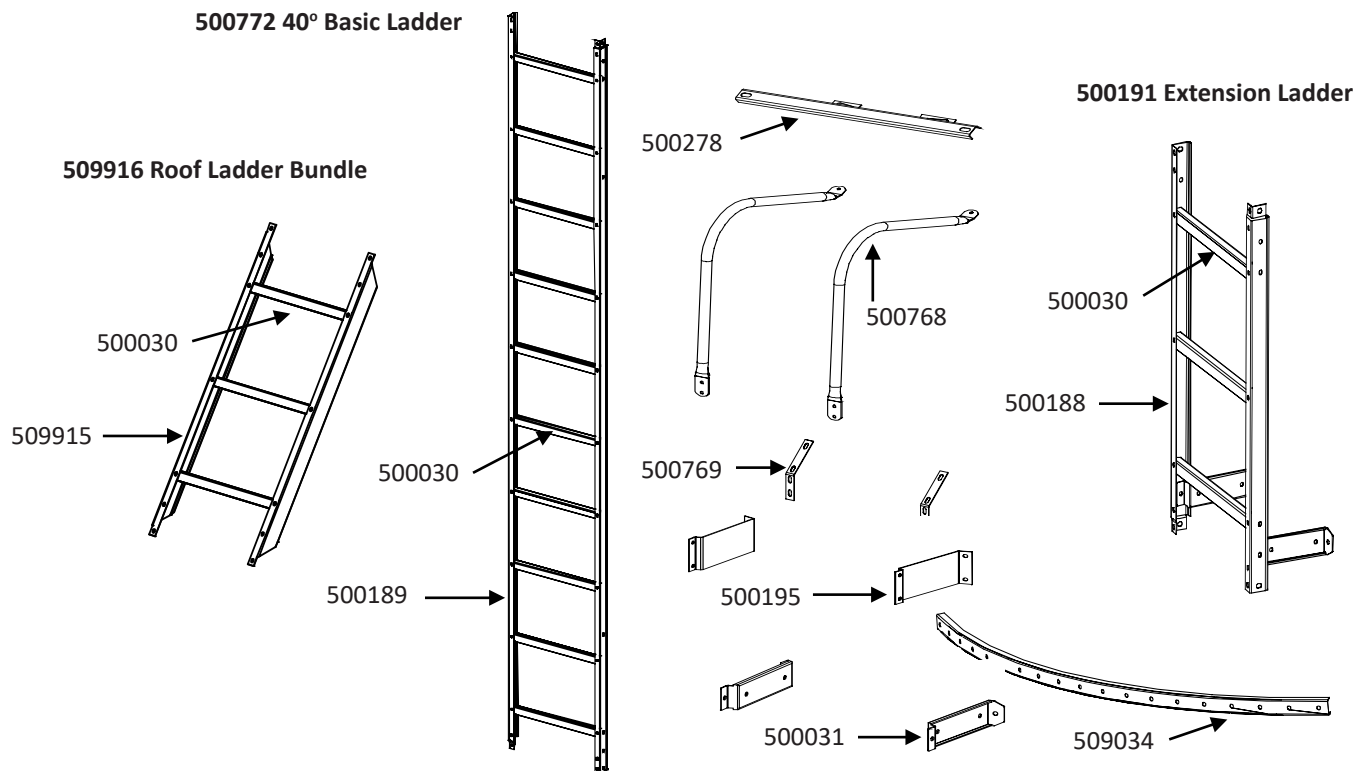
Tru-Lok Add-On - Parts Drawing (Option)



Tru-Lok Add-On - Parts List

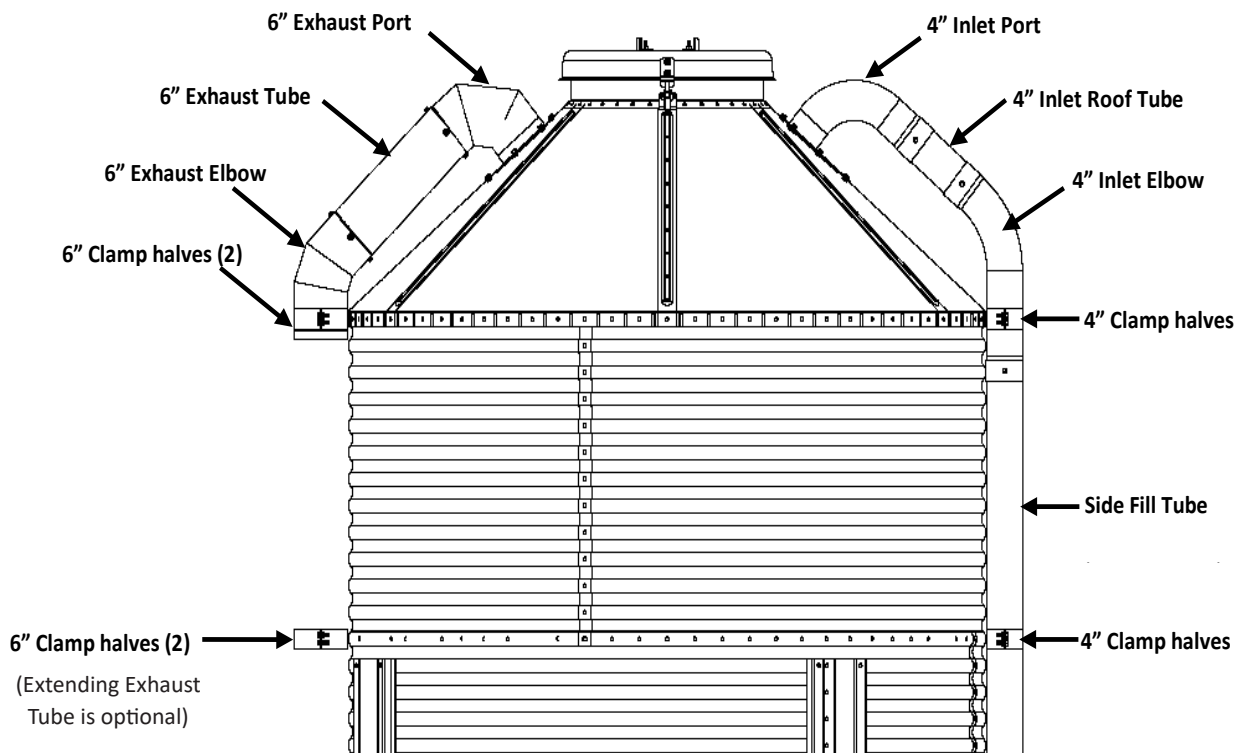
PART #	DESCRIPTION
OPTIONAL - Tru-Lok Add-On Parts	
010126	1/2" Medium Load Spring
010625	1/4-20 x 2" Hex Bolt
010643	5/16-18 x 3/4" Hex Bolt
010649	5/16-18 X 1-3/4" Hex Bolt
010650	5/16" X 2" Hex Bolt
010943	1/4-20 Wing Nut
011434	1/4-20 x 1" Carriage Bolt
012789	5/16" Locknut
012793	1/4-20 Nylock Nut
500226	Tru-Lok Basic Tube
500228	Pinch Opener Mtg Bracket
500229	Pinch Opener Handle
500230	Handle
500257	Pinch Handle Assembly
500704	Pivot Plates
500709	Pivot Plate Bracket
500710	Backup Plate
500719	Handle Bracket Clip
500728	Tru-Lok Tube Guide (3-4 Ring only)
500729	Tru-Lok Extension Tube
500776	Left Top Plate
500777	Right Top Plate
501441	5/16" Flange Nut
501442	5/16" x 1" Flanged Hex Bin Bolt
509727	Tru-Lok 40° Roof Tube - 9'
750426	Hand Grip

Ladder - Drawing and Parts List



PART #	DESCRIPTION
OPTIONAL - Ladder Assemblies	
500772	Basic 40° Ladder Assy
500191	Extension Ladder (36")
509916	40° 9' Roof Ladder Bundle
Ladder Parts	
010643	5/16-18 X 3/4" Hex Bolt
012789	5/16-18 Nylock Nut
500030	Ladder Step
500188	Extension Ladder Rail (36")
500189	Ladder Rail (108")
500031	Ladder Attachment Bracket
500195	Ladder Top Bracket
500278	Roof Ladder Standoff
500768	40° Ladder Top Handrail
500769	40° Roof Ladder Bracket
509034	Ladder Stand-Off Rail
509915	40° Roof Ladder Rail

Pneumatic Fill - Overview and Parts List #506640 (Option)



PART #	DESCRIPTION
OPTIONAL - Pneumatic Fill Parts	
011453	5/16-18" X 3/4" Carriage Bolt
012425	1/4" X 3/4" Self-Drilling Screw
012494	#14 X 5/8" Sheet Metal Screw
500400	1/4" Neoprene Washer
500534	Caulking (50' roll)
500740	4" Narrow Clamp (half)
500743	6" Exhaust Port (elbow) w/plate
500744	6" x 24" galv. Duct elbow
500751	6" Exhaust clamp (half)
500786	4" inlet port w/plate
500788	51 Degree Elbow (drilled)
501441	5/16"-18 Hex Flange Nut
501442	5/16" X 1" Hex Bin Bolt
509425	6" x 39.87" Exhaust Tube
509918	4" x 32.82" Inlet (roof) Tube
704411	4" x 5' Galvanized Side Fill Tube (1-2 Ring only)
704412	4" x 11' Galvanized Side Fill Tube (3 Ring only)
704413	4" x 15' Galvanized Side Fill Tube (4 Ring only)
704414	4" x 19' Galvanized Side Fill Tube (4-6 Ring only)
704287	4" Tube Joiner with Hardware (6 Ring only)