



12' BULK FEED BIN

MODEL 512

Repair Parts List

CORRUGATED HOPPERS

1 RING BIN

512038 14ga Main
512041 14ga Main w/decal

2 RING BIN

512038 14ga Main
512008 20ga Ext.
512009 20ga Ext. w/decal

3 RING BIN

512038 14ga Main
512011 18ga Ext.
512008 20ga Ext.
512009 20ga Ext. w/decal

4 RING BIN

512038 14ga Main
512035 16ga Ext.
512008 20ga Ext.
512009 20ga Ext. w/decal

5 RING BIN

512040 12ga Main
512035 16ga Ext.
512011 18ga Ext.
512008 20ga Ext.
512009 20ga Ext. w/decal

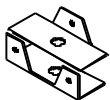
6 RING BIN

512040 12ga Main
512037 14ga Ext. w/holes
512035 16ga Ext.
512011 18ga Ext.
512008 20ga Ext.
512009 20ga Ext. w/decal

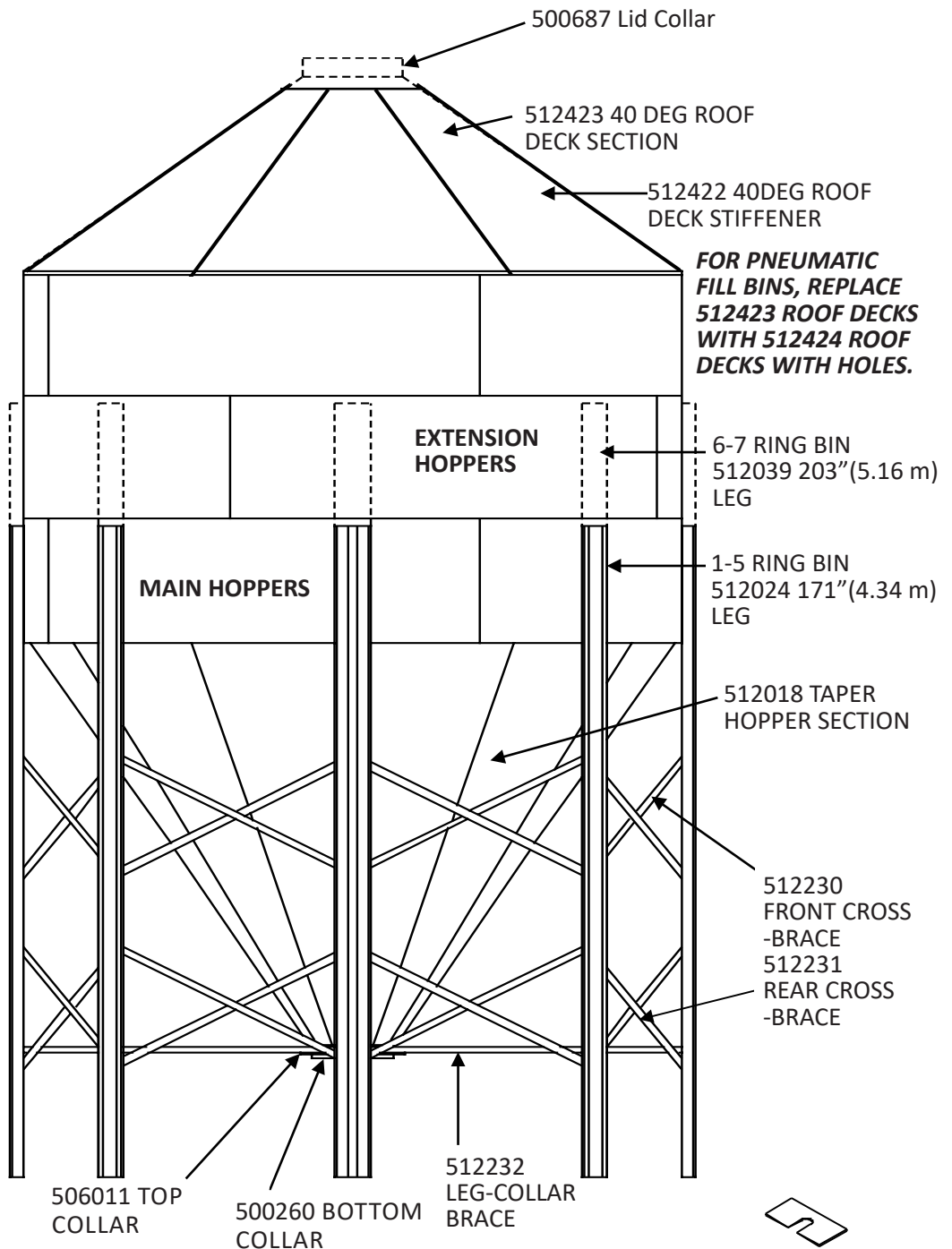
7 RING BIN

512040 12ga Main
512037 14ga Ext. w/holes
512014 14ga Ext.
512035 16ga Ext.
512011 18ga Ext.
512008 20ga Ext.
512009 20ga Ext. w/decal

500156 TOP
LEG PLATE

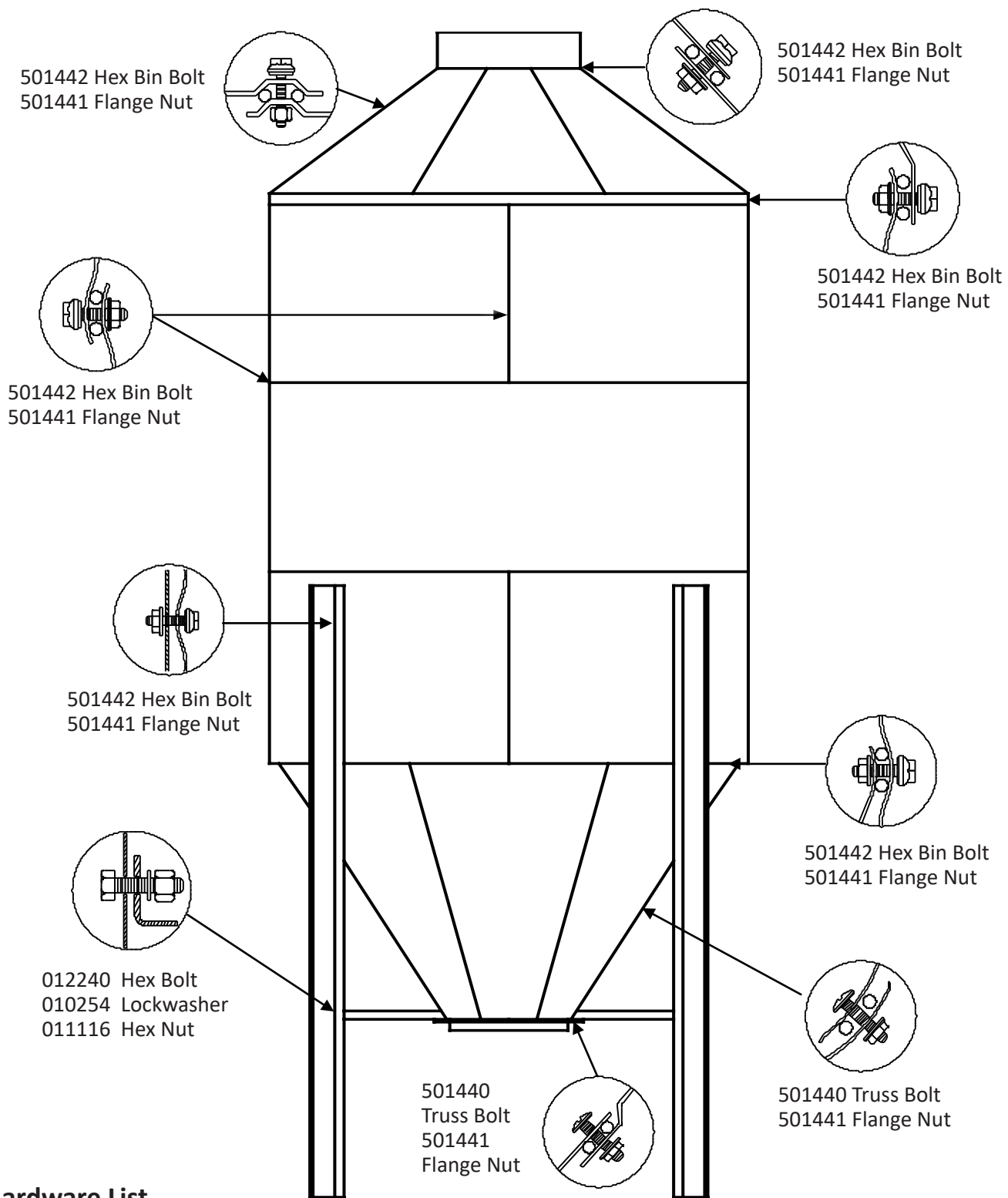


500155 BOTTOM
LEG PLATE

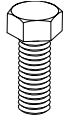
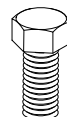


OPTIONAL 500249
LEG SHIMS

Assorted Hardware



Hardware List

 501442 5/16" x 1" Hex Bin Bolt	 501440 5/16" x 3/4" Truss Bolt	 010664 3/8" X 1" Hex Bolt	 012240 7/16" x 1" Hex Bolt	 501441 5/16" Flange Nut	 010603 5/16 Hex Nut	 011115 3/8" Hex Nut	 011116 7/16" Hex Nut	 010253 3/8" Lockwasher	 010254 7/16" Lockwasher
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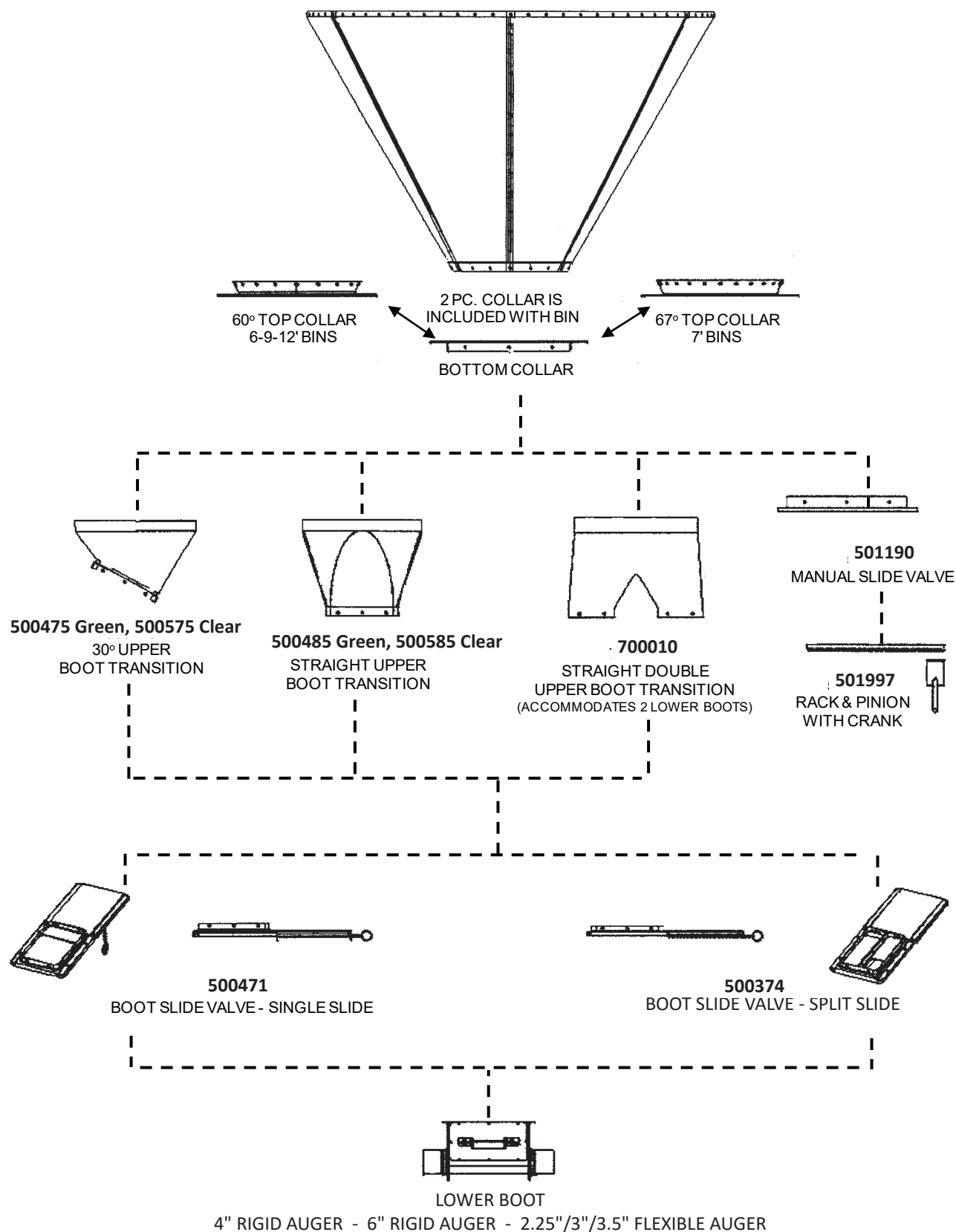
12 Ft Feed Bin - Common Parts List

BIN SIZE & OPENING		12' - 16" OPENING							12' - 16" OPENING						
OPENER TYPE		WAY-BACK OPENER							PNEUMATIC FILL ROOF						
NUMBER OF RINGS		1	2	3	4	5	6	7	1	2	3	4	5	6	7
ORDER NUMBER		512W41	512W42	512W43	512W44	512W45	512W46	512W47	512741	512742	512743	512744	512745	512746	512747
PART #	DESCRIPTION	QUANTITY							QUANTITY						
500650	Way-Back Lid Carton	1	1	1	1	1	1	1	0	0	0	0	0	0	0
500790	40° Pneumatic Fill Kit Lid Carton	0	0	0	0	0	0	0	1	1	1	1	1	1	1
512008	20 ga. Extension Hopper - Plain	0	3	3	7	7	7	7	0	3	3	7	7	7	7
512009	20 ga. Extension Hopper - Decal	0	1	1	1	1	1	1	0	1	1	1	1	1	1
512011	18 ga. Main Hopper - Plain	0	0	4	0	4	4	4	0	0	4	0	4	4	4
512014	14 ga. Extension Hopper - Plain	0	0	0	0	0	0	4	0	0	0	0	0	0	4
512018	14 ga. Taper Hopper Section	12	12	12	12	12	12	12	12	12	12	12	12	12	12
512021	Taper Hopper Reinforcement Brace	0	0	12	12	12	12	12	0	0	12	12	12	12	12
512024	Galvanized Leg - 170.88" (1-5R)	8	8	8	8	0	0	0	8	8	8	8	0	0	0
512035	16 ga. Main Hopper - Extension	0	0	0	4	0	4	4	0	0	0	4	0	4	4
512037	14 ga. Main Hopper - Extension & Leg	0	0	0	0	4	4	4	0	0	0	0	4	4	4
512038	14 ga. Main Hopper - Plain w/ Drip Edge	3	4	4	4	0	0	0	3	4	4	4	0	0	0
512039	Galvanized Leg - 202.88" (6-7R)	0	0	0	0	8	8	8	0	0	0	0	8	8	8
512040	12 ga. Main Hopper - Plain w/ Drip Edge	0	0	0	0	4	4	4	0	0	0	0	4	4	4
512041	14 ga. Main Hopper - Decal w/ Drip Edge	1	0	0	0	0	0	0	1	0	0	0	0	0	0
512059	Basic Caulking Carton	1	1	1	1	1	1	1	1	1	1	1	1	1	1
512072	Extension Hardware Carton	0	1	2	3	4	5	6	0	1	2	3	4	5	6
512160	Basic Hardware Carton (1-7R)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
512163	202.88" Leg Hardware Carton	0	0	0	0	1	1	1	0	0	0	0	1	1	1
512171	Collar Carton	1	1	1	1	1	1	1	1	1	1	1	1	1	1
512230	12 ga. Front Cross Tie Angle (1-7R)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
512231	12 ga. Rear Cross Tie Angle (1-7R)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
512232	12 ga. Leg-Collar Brace Angle	8	8	8	8	8	8	8	8	8	8	8	8	8	8
512422	18 ga. Roof Stiffeners 40°	12	12	12	12	12	12	12	12	12	12	12	12	12	12
512423	20 ga. Roof Deck Section	12	12	12	12	12	12	12	10	10	10	10	10	10	10
512424	20 ga. Roof Deck Section - Pneumatic Fill	0	0	0	0	0	0	0	2	2	2	2	2	2	2
OPTIONAL TRU-LOCK ADD-ON	500226	Tru-Lok Basic Tube	1	1	2	2	2	3	X	X	X	X	X	X	X
	500728	Tru-Lok Tube Guide (3-6 Ring)	0	0	1	1	1	1	X	X	X	X	X	X	X
	500729	Tru-Lok Extension Tube	2	3	0	1	2	3	X	X	X	X	X	X	X
	500763	Tru-Lok Extension Coupler Tube	0	0	1	1	1	2	X	X	X	X	X	X	X
	500775	Tru-Lok Accessory Carton 40°	1	1	1	1	1	1	X	X	X	X	X	X	X
	512727	Tru-Lok Roof Tube - 12'	1	1	1	1	1	1	X	X	X	X	X	X	X
OPTIONAL LADDER	500191	Extension Ladder	2	3	4	5	6	7	8	2	3	4	5	6	7
	512051	Ladder Stand-Off Rail	2	2	2	2	2	2	2	2	2	2	2	2	2
	512772	Basic Ladder 40°	1	1	1	1	1	1	1	1	1	1	1	1	1
	512916	Roof Ladder 40°	1	1	1	1	1	1	1	1	1	1	1	1	1
PNEUMATIC FILL OPTIONS	512640	Pneumatic Fill Kit - 12' 40°	X	X	X	X	X	X	1	1	1	1	1	1	1
	704287	4" Tube Joiner w/ Hardware	X	X	X	X	X	X	0	0	0	0	1	1	1
	704411	4" X 7' Galvanized Side Fill Tub	X	X	X	X	X	X	0	0	0	0	0	1	1
	704412	4" X 11' Galvanized Side Fill Tub	X	X	X	X	X	X	1	0	0	0	0	0	0
	704413	4" X 15' Galvanized Side Fill Tub	X	X	X	X	X	X	0	0	1	1	0	0	0
	704414	4" X 19' Galvanized Side Fill Tub	X	X	X	X	X	X	0	0	0	1	1	1	1
	704441	4" X 4' Galvanized Side Fill Tub	X	X	X	X	X	X	0	0	0	0	1	0	0

12 Ft Feed Bin Accessories - Parts List

PART #	DESCRIPTION
Bin Accessories	
500388	Anchor Bolt Kit for 12' Diameter Bins
500471	16" Boot Slide Valve Assy (plastic upper boot transition required for installation)
500621	Taper Hopper Slide Valve
501190	Manual Slide Valve Assembly - 16"
501399	Roof Vent Kit - 12' Bin
501997	Optional Rack & Pinion Crank Attachment for 501190 Slide Valve
502003	Peek Thru Window
512021	Taper Hopper Reinforcement Brace (12 required per bin)
512090	6.71 ton 20 ga. Extension Ring With Hardware - 12' Bin
512091	6.71 ton 14 ga. Extension Ring With Hardware - 12' Bin
512250	12' Bin Taper Hopper Repair Kit
512515	12' 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



This diagram illustrates the exploded view of a mechanical assembly, likely a circular container or lid. The components are labeled with part numbers:

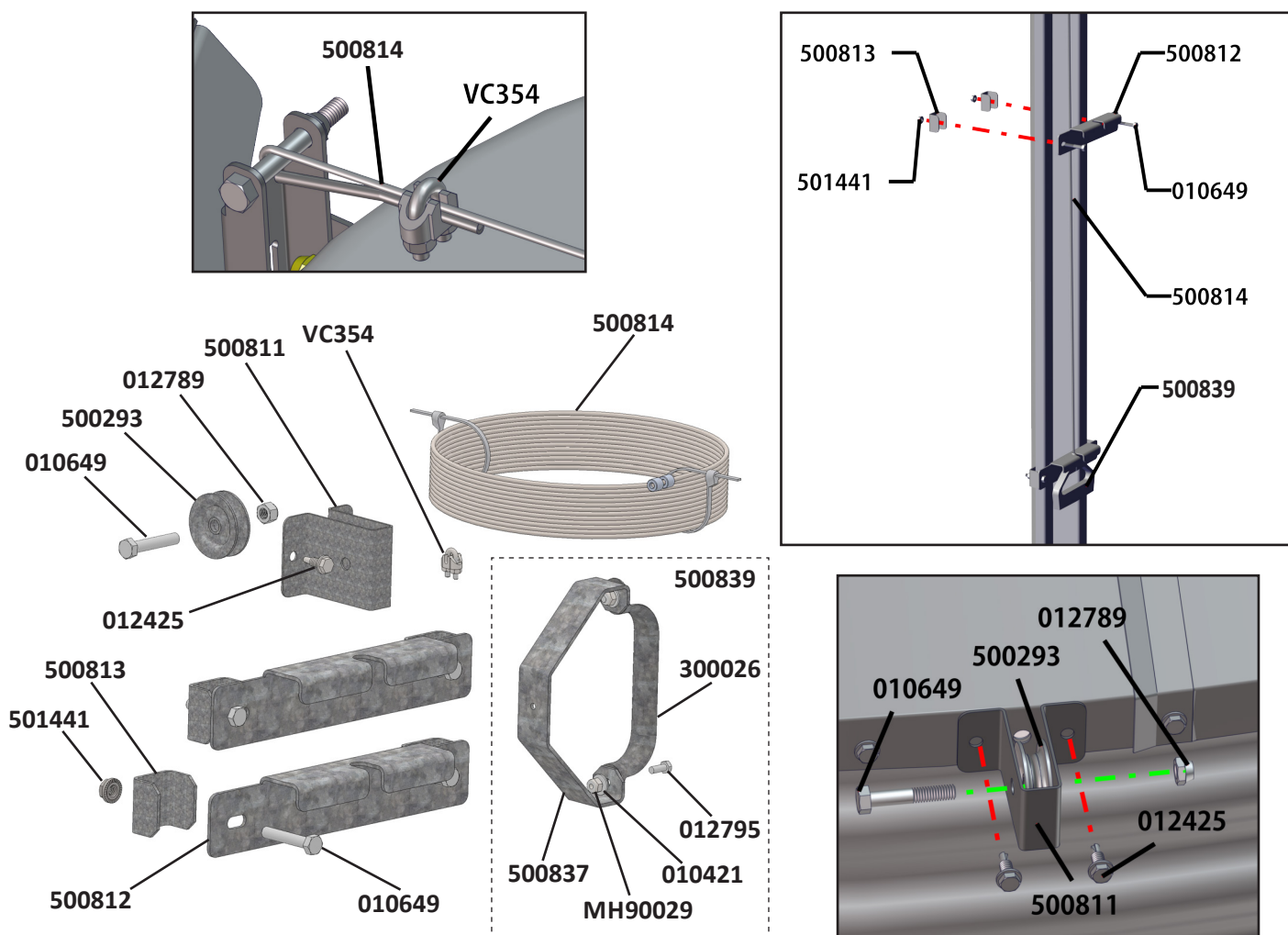
- 010643**: Small screws/bolts.
- 500655**: A large, flat, rectangular metal plate.
- 500685**: A long, thin metal rod or pin.
- 500482**: A coiled metal spring.
- 500658**: A small metal pin or clip.
- 012660**: A small metal ring or washer.
- 500654**: A large, L-shaped metal bracket.
- 500492**: A small metal pin or clip.
- 010426**: A small metal ring or washer.
- 500686**: A large, circular metal plate with a flange.
- 501441**: A small metal pin or clip.
- 500685**: A long, thin metal rod or pin.
- 500482**: A coiled metal spring.
- 500658**: A small metal pin or clip.
- 012660**: A small metal ring or washer.
- 500653**: A small metal pin or clip.
- 010426**: A small metal ring or washer.
- 500492**: A small metal pin or clip.
- 011409**: A small metal pin or clip.
- 012793**: A small metal pin or clip.
- 012789**: A small metal pin or clip.
- 010651**: A small metal pin or clip.
- 500652**: A small metal pin or clip.
- 010652**: A small metal pin or clip.
- 010640**: A small metal pin or clip.
- 500659**: A small metal pin or clip.
- 012789**: A small metal pin or clip.
- 010652**: A small metal pin or clip.
- 500660**: A small metal pin or clip.
- 012789**: A small metal pin or clip.
- 012780**: A small metal pin or clip.
- 500661**: A small metal pin or clip.
- 501441**: A small metal pin or clip.
- 010655**: A small metal pin or clip.

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

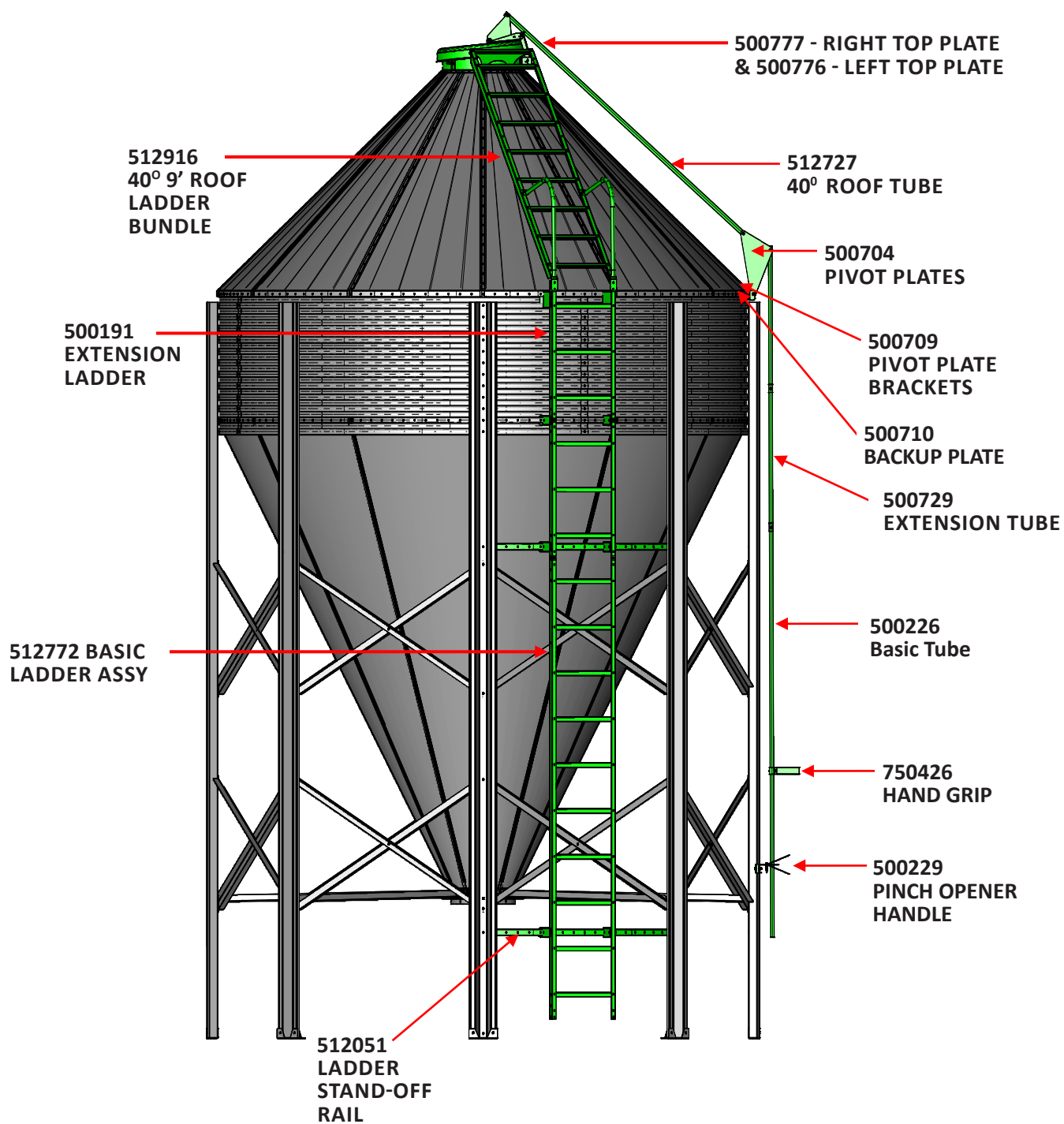


PART #	DESCRIPTION	QTY
500815 - HARDWARE BAG FOR BIN LID OPENER		
010421	3/16" FLAT WASHER	2
010649	5/16-18 X 1-3/4" HEX BOLT	5
012425	1/4" X 3/4" SELF DRILLING SCREWS	2
012789	5/16-18 NYLOCK NUT	1
012795	#10-24 X 1/2" UNSLOTTED HEX BOLT	2
300026	LID HANDLE	1
500293	PULLEY FOR LID CHAIN	1
500811	RETAINER, 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

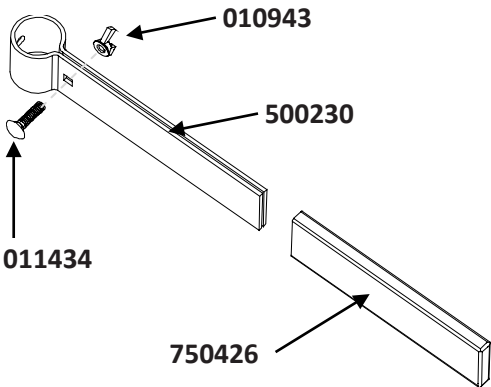
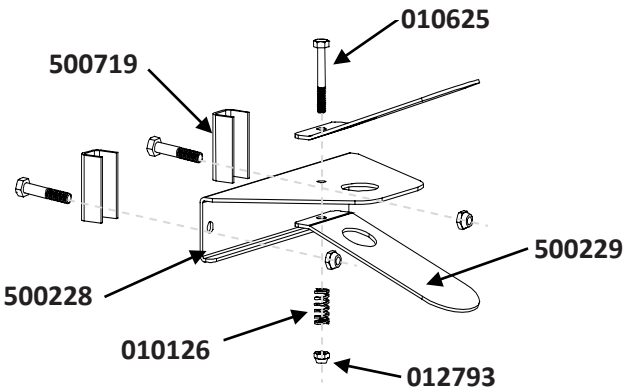
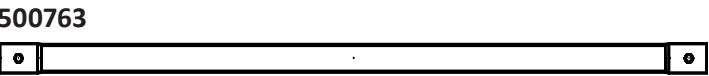
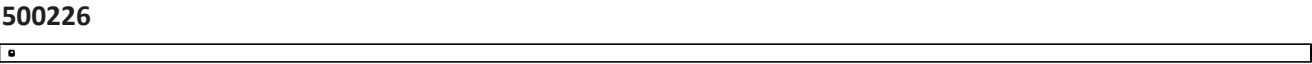
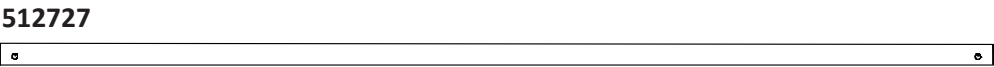
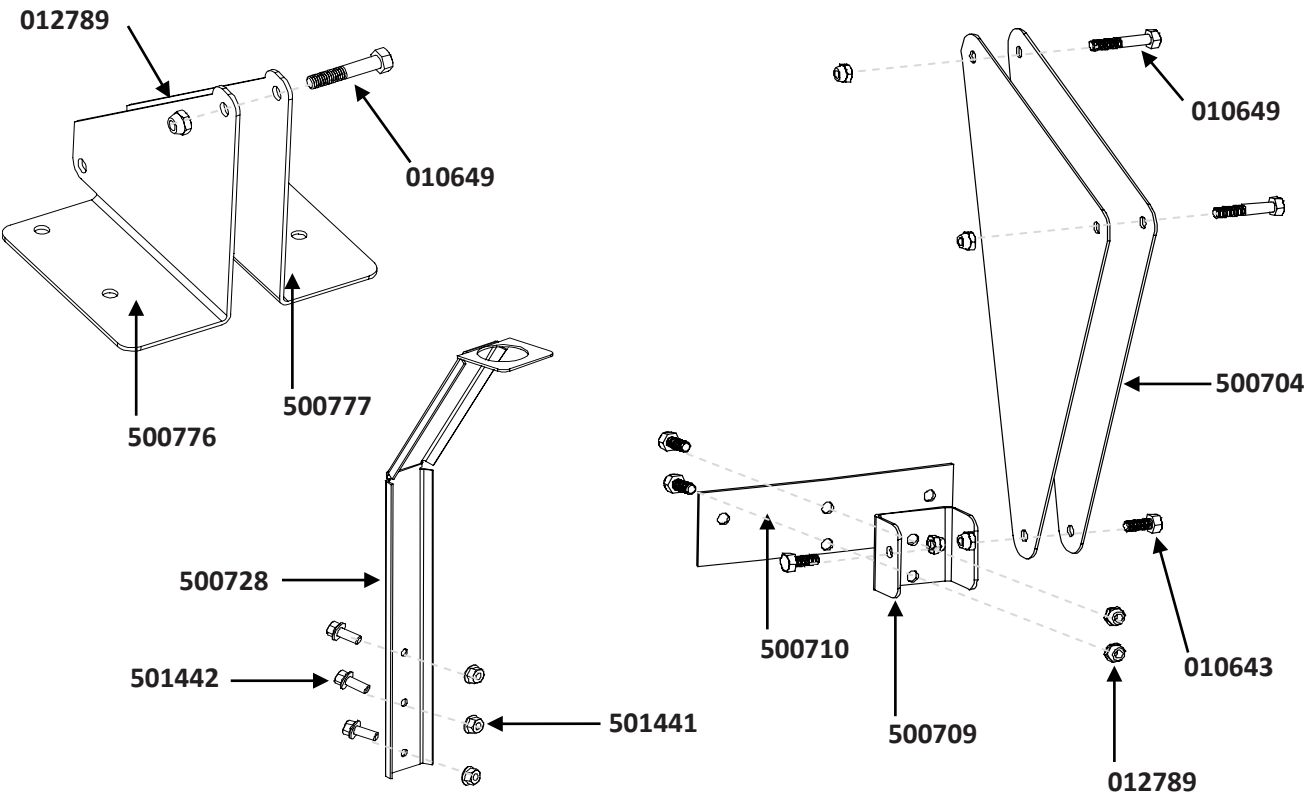
NOTE: When ordered as replacement parts quantities will vary.

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



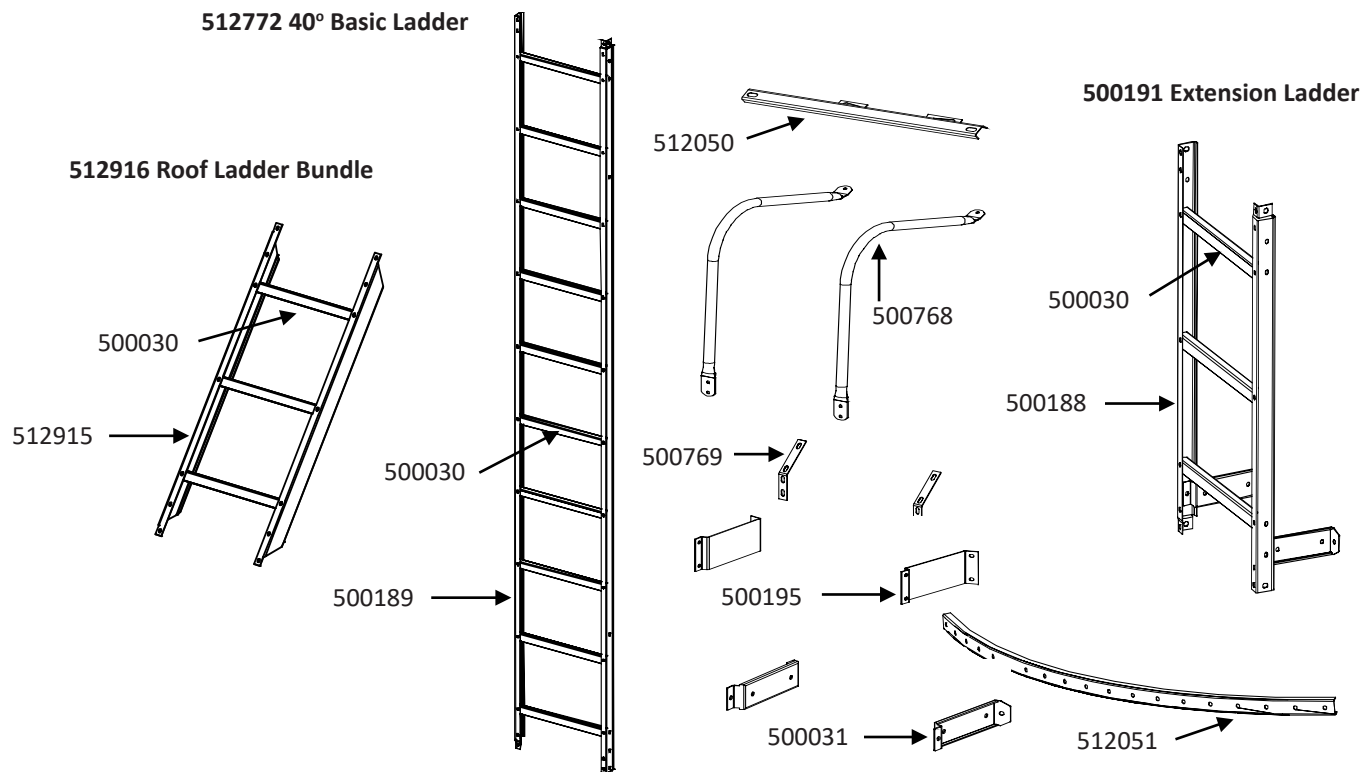
Tru-Lok Add-On - Parts Drawing (Option)



Tru-Lok Add-On - Parts List

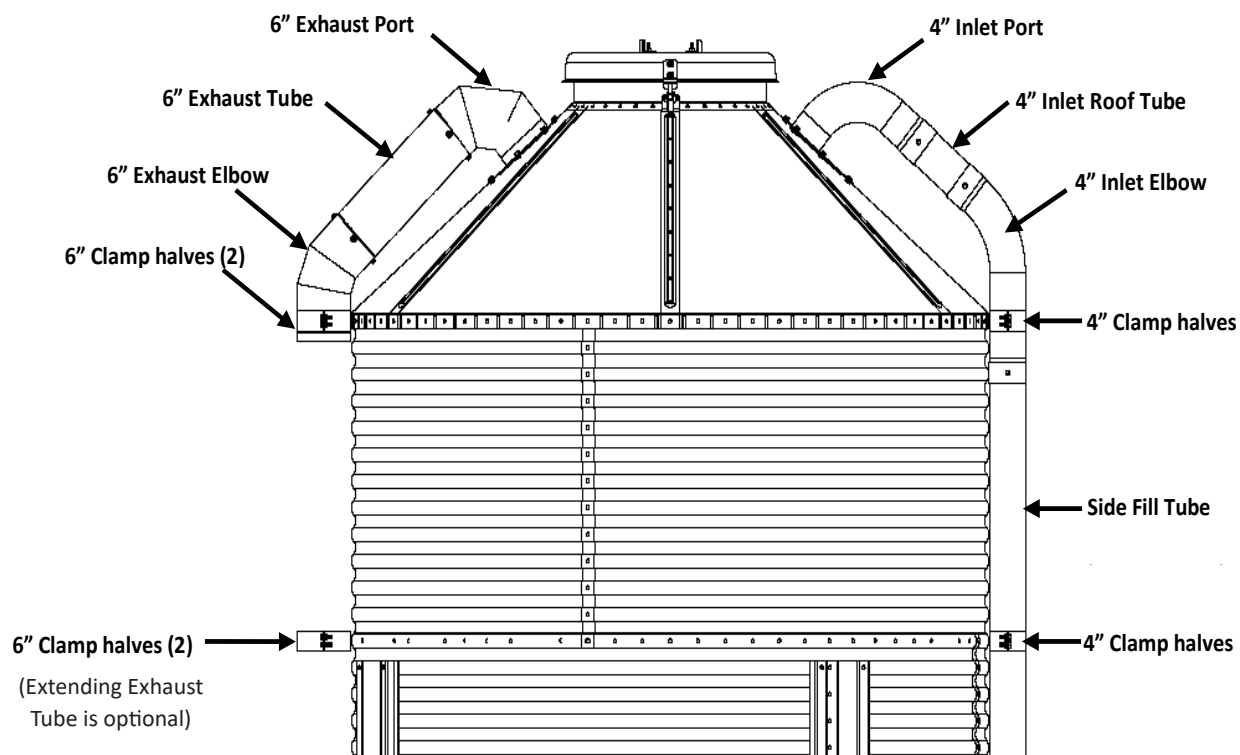
PART #	DESCRIPTION
OPTIONAL - Tru-Lok Add-On Parts	
010126	1/2" Medium Load Spring
010625	1/4-20 x 2" Hex Bolt
010643	5/16-18 x 3/4" Hex Bolt
010649	5/16-18 X 1-3/4" Hex Bolt
010650	5/16" X 2" Hex Bolt
010943	1/4-20 Wing Nut
011434	1/4-20 x 1" Carriage Bolt
012789	5/16" Locknut
012793	1/4-20 Nylock Nut
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
500763	34" Lid Tube Ext. Coupler
500776	Left Top Plate
500777	Right Top Plate
501441	5/16" Flange Nut
501442	5/16" x 1" Flanged Hex Bin Bolt
512727	Tru-Lok 40° Roof Tube - 12'
750426	Hand Grip

Ladder - Drawing and Parts List



PART #	DESCRIPTION
OPTIONAL - Ladder Assemblies (506921,506922,506923,506924)	
512772	Basic 40° Ladder Assy
500191	Extension Ladder (36")
512916	40° 12' 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
512050	Roof Ladder Standoff
500768	40° Ladder Top Handrail
500769	40° Roof Ladder Bracket
512051	Ladder Stand-Off Rail
512915	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
512425	6" x 39.87" Exhaust Tube
512918	4" x 32.82" Inlet (roof) Tube
704441	4" x 4' Galvanized Side Fill Tube (5 Ring only)
704412	4" x 11' Galvanized Side Fill Tube (1 Ring only)
704413	4" x 15' Galvanized Side Fill Tube (2-3 Ring only)
704414	4" x 19' Galvanized Side Fill Tube (4-7 Ring only)
704287	4" Tube Joiner with Hardware (5-7 Ring only)
704411	4" x 5' Galvanized Side Fill Tube (6-7 Ring only)