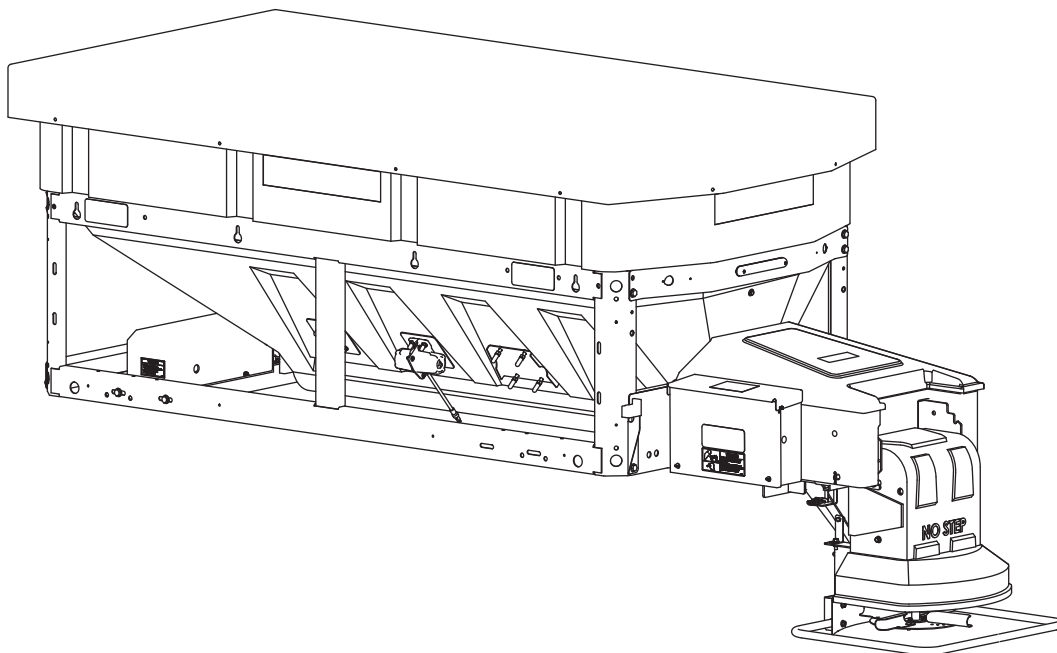




V-Maxx™ G2 Hopper Spreader

VX-4210

Parts List



VX-4210 V-Maxx™ G2 HOPPER SPREADER

HOPPER ASSEMBLY

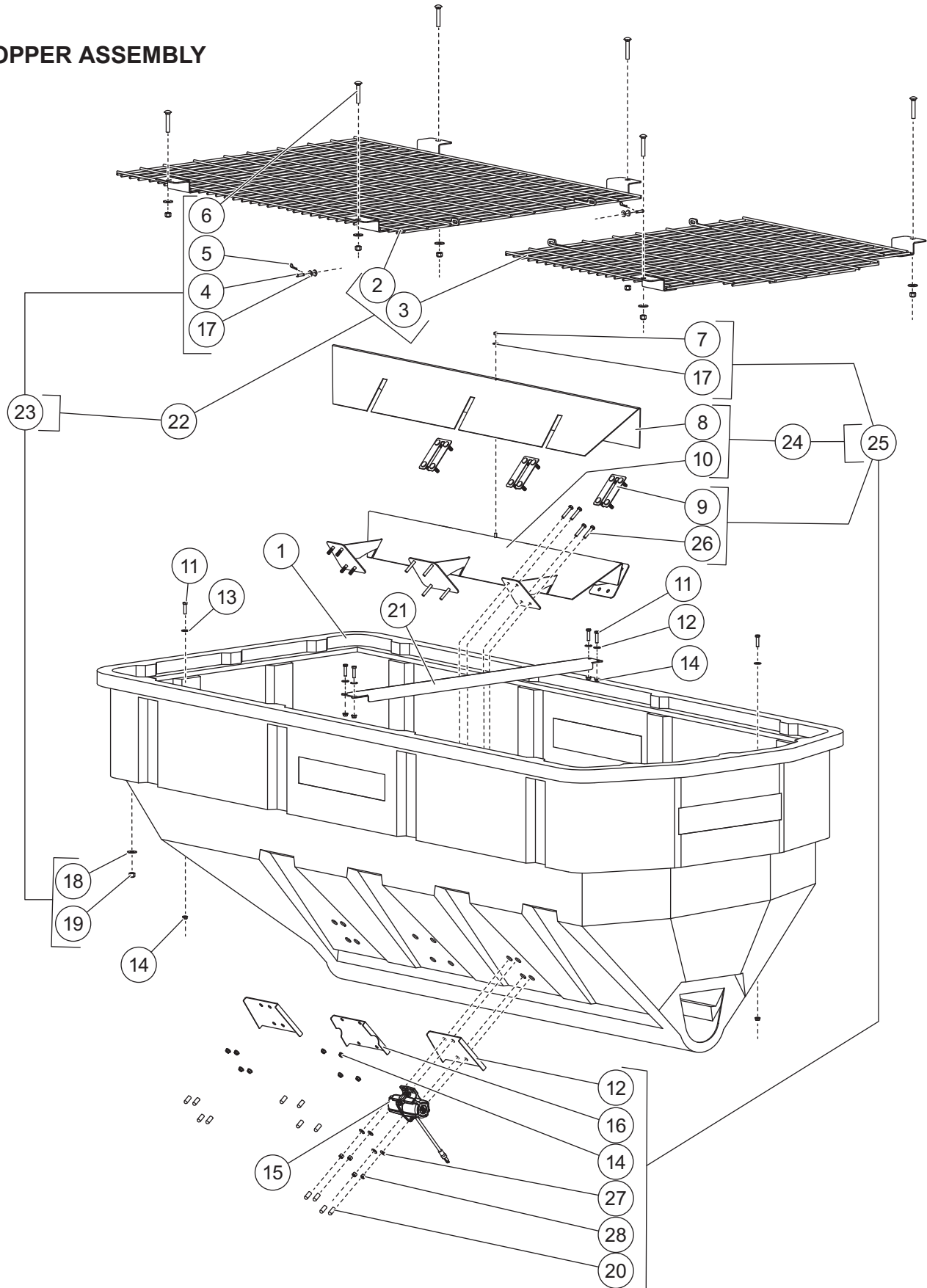
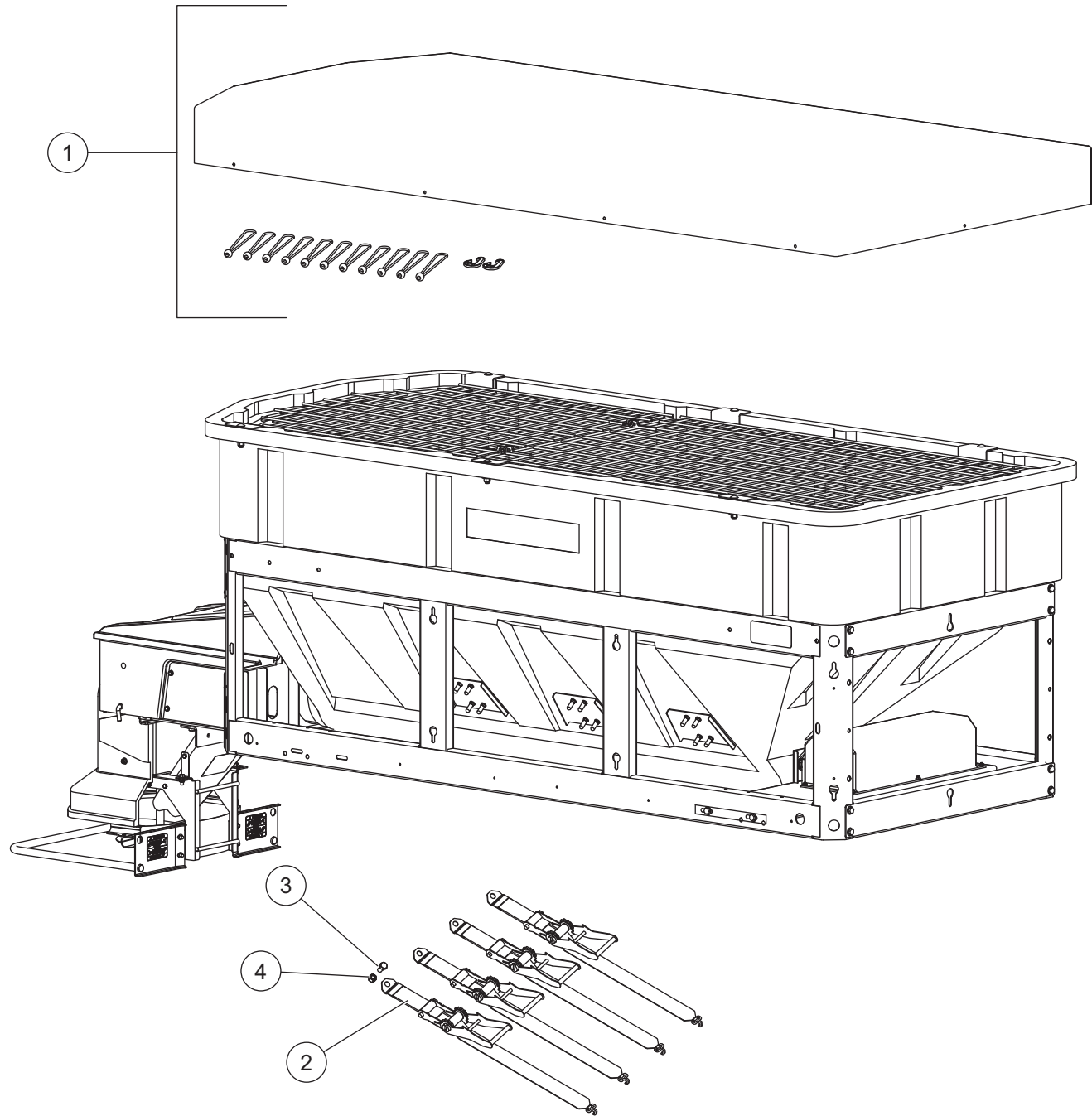


Figure 1: Truck-mounted rearview mirror system

Item	Part	Qty	Description	Item	Part	Qty	Description
1	F50532	1	Hopper	21	D6898	1	Cross Bar
2	D6890	1	Top Screen Front Section	22	96606	1	Top Screen Service Kit
3	D6892	1	Top Screen Rear Section	23	96607	1	Top Screen Mounting Hardware
4	D6866	2	5/16 x 1-1/4 Clevis Pin	24	83759	1	Inverted V Kit
5	D6853	2	Hairpin Cotter	25	83758	1	Inverted V Mounting Hardware
6	F51284	6	1/2-13 x 3 Carriage Bolt	26	F50547	4	3/8-16 x 2 Hex Cap Screw SS
7	D6138	1	5/16-18 Locknut	27	D6169	4	3/8 Flat Washer SS
8	D6889	1	Inverted V Salt Baffle	28	T30728	4	3/8-16 Locknut SS
9	D6815	3	Bolt Plate, 4-Bolt	29	D6335	2	Label – Warning, Rotating Auger
10	D6888	1	Inverted V Assembly	30	D6192	1	Label – Warning, Hands and Feet
11	D4121	8	3/8-16 x 1 Hex Cap Screw	31	D6546	1	Label – Warning, Do Not Overload
12	D6811	5	Inverted V Backing Plate	32	D6548	1	Label – Warning, Owner's Manual
13	D4125	4	3/8 Flat Washer	33	D6194	1	Label – Warning, Before Operating
14	D6584	28	3/8-16 Serrated Flange Locknut	34	D6544	1	Label – Warning, Rotating Parts
15	51068	1	Heavy Duty Vibrator, DC-200	35	92969	1	Label – Warning, Chute Disconnect
16	D6860	1	Inverted V Backing Plate	36	92971	1	Label – Warning, Disconnect Spinner
17	D6165	5	5/16 Flat Washer SS	37	F50645	2	Label – Warning, Spinner
18	D4119	6	1/2 Flat Washer	38	11100	1	Label – Warning, Rear Camera
19	D4120	6	1/2 Locknut	ns	83691	2	Label – Identity, SnowEx® V-Maxx™
20	T30820	24	3/8 x 1 Stud Cover				
Item 22 96606 Top Screen Service Kit							
2	D6890	1	Top Screen Front Section	23	96607	1	Top Screen Mounting Hardware
3	D6892	1	Top Screen Rear Section				
Item 23 96607 Top Screen Mounting Hardware							
4	D6866	2	5/16 x 1-1/4 Clevis Pin	17	D6165	4	5/16 Flat Washer SS
5	D6853	2	Hairpin Cotter	18	D4119	6	1/2 Flat Washer
6	F51284	6	1/2-13 x 3 Carriage Bolt	19	D4120	6	1/2 Locknut
Item 24 83759 Inverted V Kit							
8	D6889	1	Inverted V Salt Baffle	25	83758	1	Inverted V Mounting Hardware
10	D6888	1	Inverted V Assembly				
Item 25 83758 Inverted V Mounting Hardware							
7	D6138	1	5/16-18 Locknut	17	D6165	1	5/16 Flat Washer SS
9	D6815	3	Bolt Plate, 4-Bolt	20	T30820	24	3/8 x 1 Stud Cover
12	D6811	5	Inverted V Backing Plate	26	F50547	4	3/8-16 x 2 Hex Cap Screw SS
14	D6584	20	3/8-16 Serrated Flange Locknut	27	D6169	4	3/8 Flat Washer SS
16	D6860	1	Vibrator Backing Plate	28	T30728	4	3/8-16 Locknut SS
ns = not shown				SS = Stainless Steel			

VX-4210 V-Maxx™ G2 HOPPER SPREADER

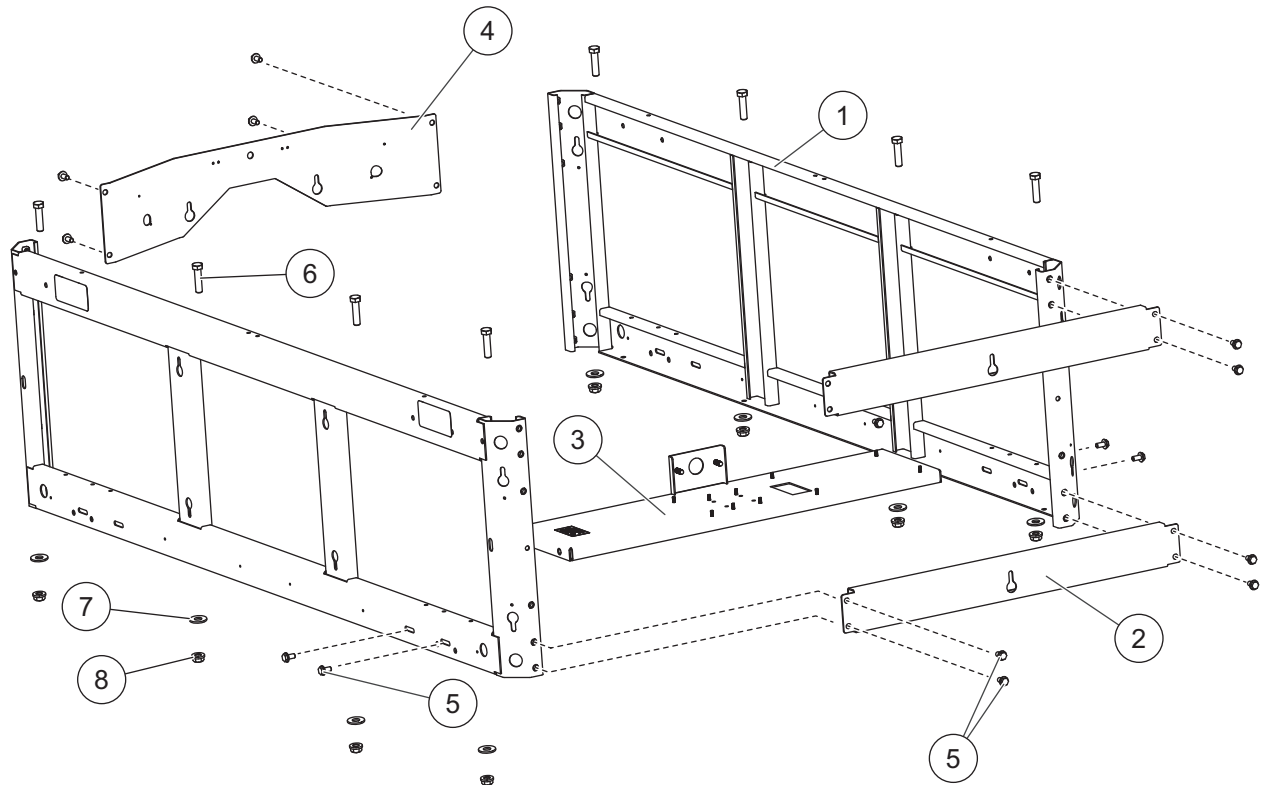
RATCHET STRAPS & COVER



Ratchet Straps and Cover							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	D6883	1	Tarp Kit	3	D4115	4	1/2-13 x 1 Hex Cap Screw
2	F50600	1	Ratchet Strap (pkg of 4)	4	D4120	4	1/2-13 Locknut

VX-4210 V-Maxx™ G2 HOPPER SPREADER

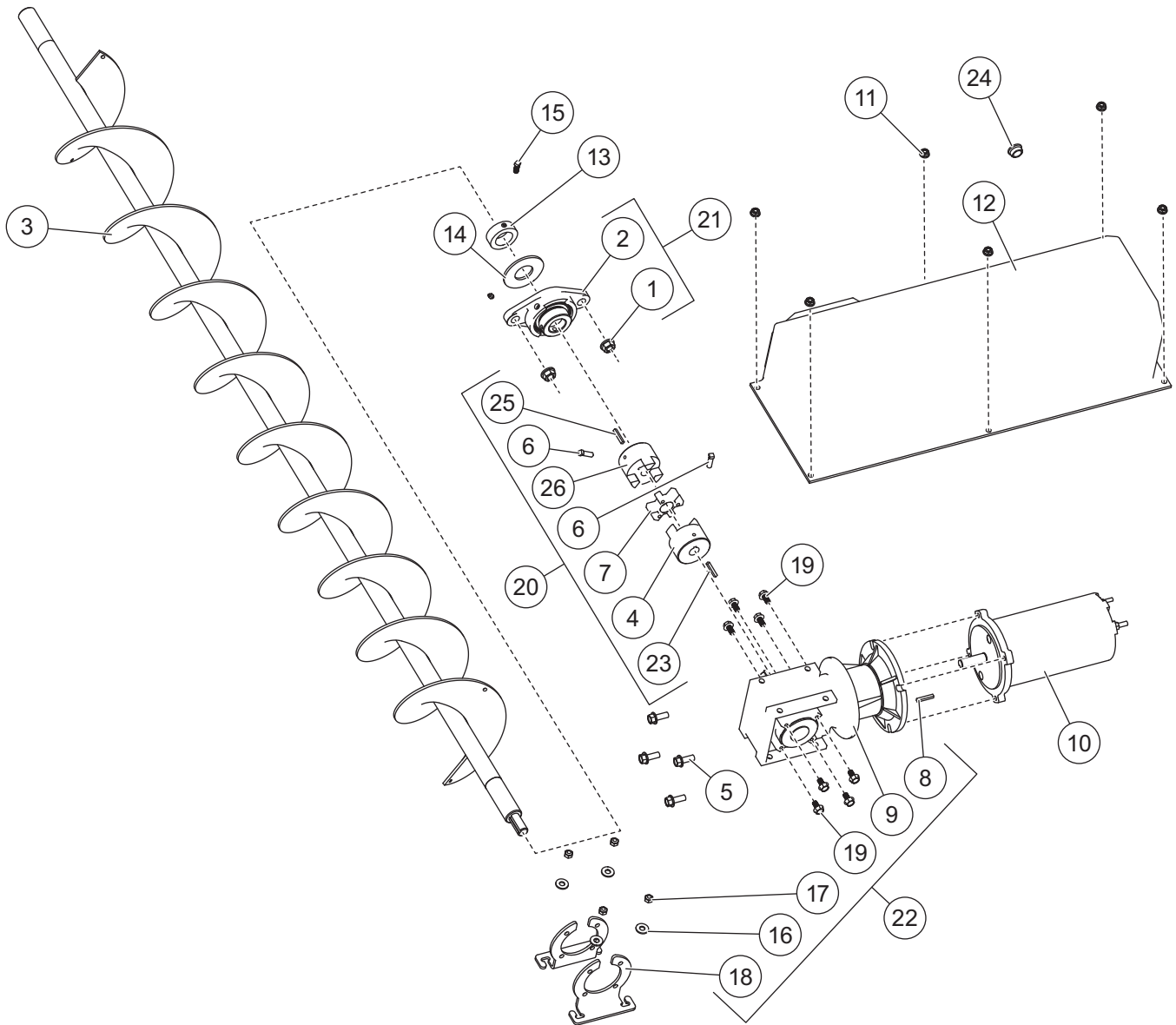
FRAME & MOUNTING HARDWARE



Frame and Mounting Hardware							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	D6879-1	2	Side Frame	5	D6528	16	1/2-13 x 1 Serrated Hex Cap Screw
2	D6765	2	Upper/Lower Front Rail	6	D4116	8	1/2-13 x 1-1/2 Hex Cap Screw
3	D6884	1	Auger Motor/Transmission Support	7	D4119	8	1/2 Flat Washer
4	D6880-1	1	Rear Apron	8	D4120	8	1/2 Locknut

VX-4210 V-Maxx™ G2 HOPPER SPREADER

AUGER DRIVE ASSEMBLY

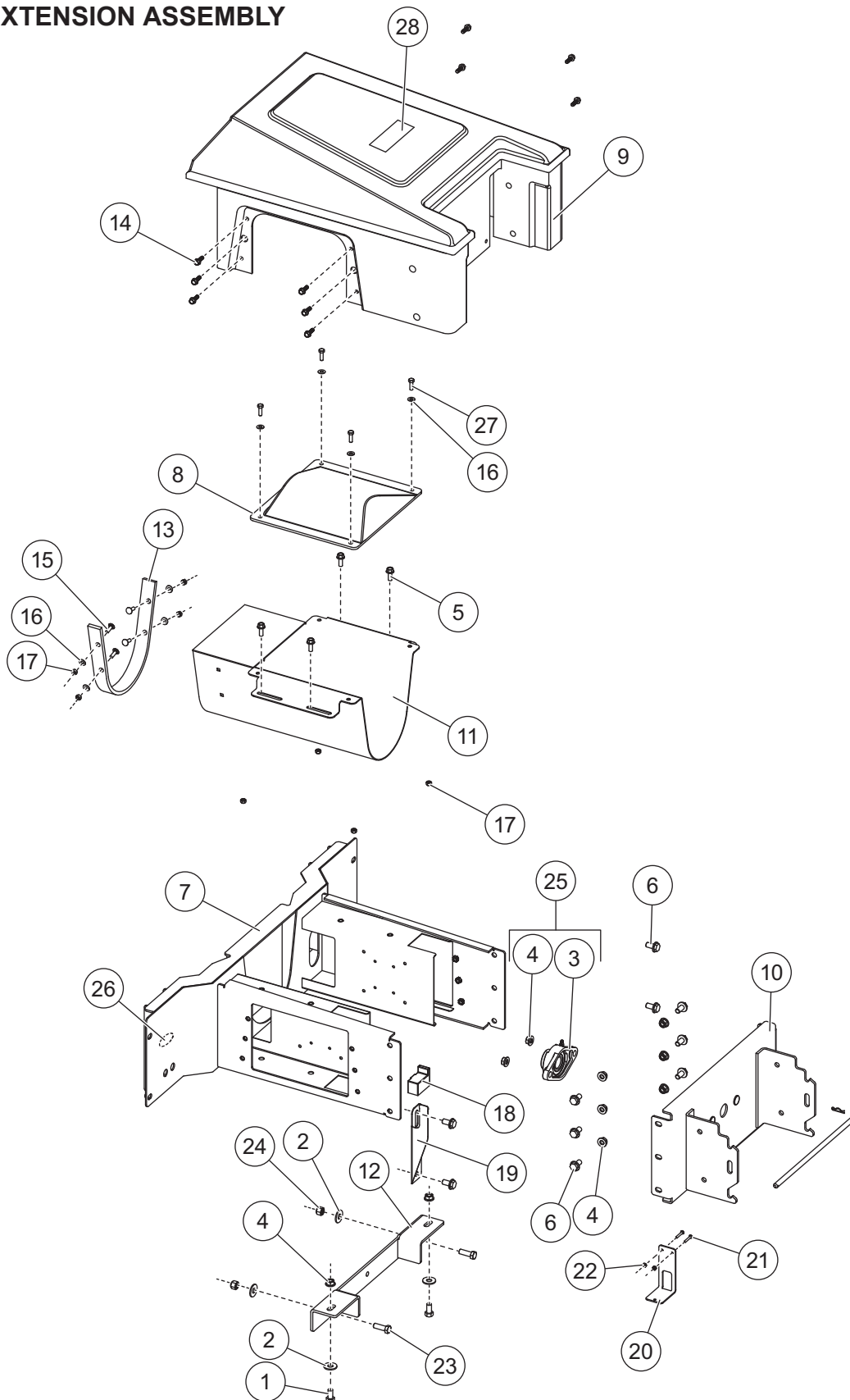


VX-4210 V-Maxx™ G2 HOPPER SPREADER

Auger Drive Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	D5535	2	1/2-13 Serrated Flange Nut	14	D6789	1	Auger Shaft Hopper Washer
2	D5382	1	Auger Bearing	15	D7162	1	5/16-18 x 3/4 Set Screw
3	F50247	1	114" Auger	16	D6165	4	5/16 Flat Washer
4	F50513	1	Auger Coupler	17	D6138	4	5/16-18 Locknut
5	D6452	4	3/8-16 x 1 Serrated Flange Bolt	18	D6752-1	2	Transmission Support Bracket
6	D7163	2	5/16-18 x 1 Coupler Set Screw	19	D5753	8	M8-1.25 x 16 mm Flange Bolt
7	F50514	1	Urethane Coupler Spider	20	83738	1	Auger Coupler Kit
8	D6873	1	3/16 Key Stock	21	99794	2	Auger Bearing Kit
9	D6894	1	Auger Transmission	22	96601	1	Auger Transmission Kit
10	D6872	1	Auger Motor	23	F51936	1	3/16 x 1 Key Stock
11	D5706	6	5/16-18 Serrated Flange Nut	24	99195	1	Break-Thru Plug
12	D6868	1	Auger Motor Cover	25	F51527	1	1/4 x 1-1/4 Machine Key
13	D6792	1	Auger Shaft Hopper Collar	26	F50533	1	1" Auger Coupler
Item 20				83738 Auger Coupler Kit			
4	F50513	1	Auger Coupler	23	F51936	1	3/16 x 1 Key Stock
6	D7163	2	5/16-18 x 1 Coupler Set Screw	25	F51527	1	1/4 x 1-1/4 Machine Key
7	F50514	1	Urethane Coupler Spider	26	F50533	1	1" Auger Coupler
Item 21				99794 Auger Bearing Kit			
1	D5535	2	1/2-13 Serrated Flange Nut	2	D5382	1	Auger Bearing
Item 22				96601 Auger Transmission Kit			
8	D6873	2	3/16 Key Stock	17	D6138	4	5/16-18 Locknut
9	D6894	1	Auger Transmission	18	D6752-1	2	Transmission Support Bracket
16	D6165	4	5/16 Flat Washer	19	D5753	8	M8-1.25 x 16 mm Flange Bolt
M = Metric							

VX-4210 V-Maxx™ G2 HOPPER SPREADER

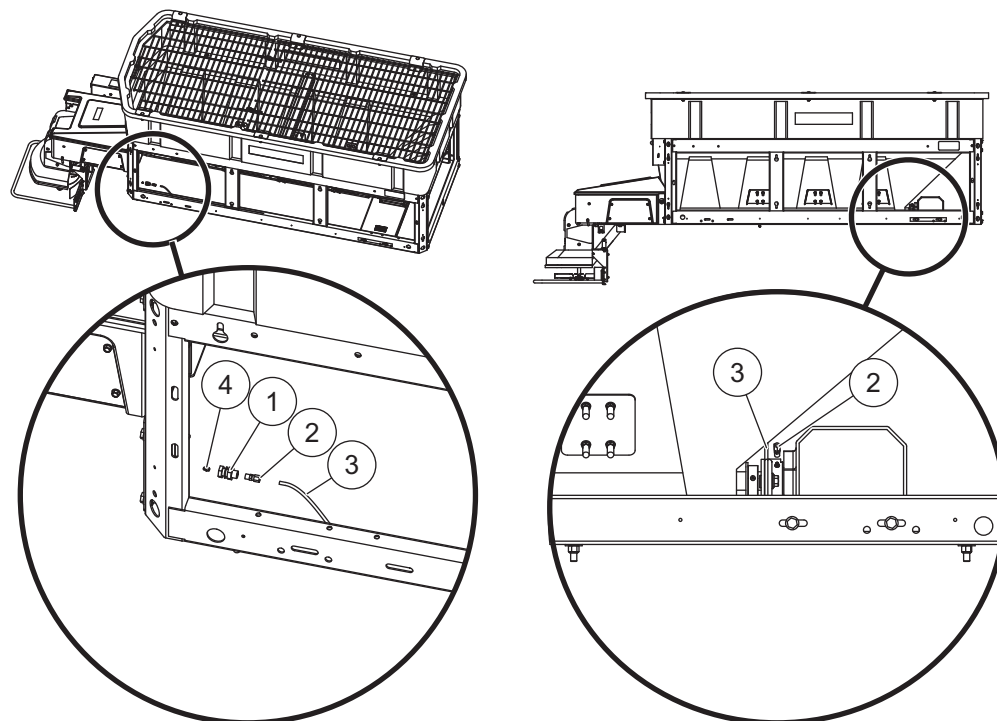
AUGER EXTENSION ASSEMBLY



VX-4210 V-Maxx™ G2 HOPPER SPREADER

Auger Extension Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	D4115	2	1/2-13 x 1 Hex Cap Screw	15	F50912	4	5/16-18 x 1 Carriage Bolt SS
2	D4119	4	1/2 Flat Washer SS	16	D5949	8	3/8 Flat Washer SS
3	D5382	1	1-1/4 Bearing 2-Bolt Flange	17	T15018	8	5/16-18 Locknut SS
4	D5535	10	1/2-13 Serrated Flange Nut	18	99775	1	Cable Boot
5	D6452	4	3/8-16 x 1 Serrated Flange Bolt	19	57116	1	Cable Boot Bracket
6	D6528	10	1/2-13 x 1 Serrated Hex Cap Screw	20	57247	1	Harness Plug Bracket
7	F50365-1	1	Rear Extension	21	D6529	2	#10-32 x 1-1/4 Pan Head Screw SS
8	F50888	1	Discharge Trough Cover	22	D6158-1	2	#10-32 Locknut SS
9	57074	1	Auger Extension Cover	23	D4116	2	1/2-13 x 1-1/2 Cap Screw
10	F50393	1	Spinner Drive Mount Assembly	24	D4120	2	1/2-13 Locknut
11	F50884	1	Discharge Trough	25	99794	1	Auger Bearing Kit
12	F50465	1	Rear Stop Bracket	26	D6829	1	Label – Attention, Grease
13	F50894	1	Rubber Seal	27	D6418	4	5/16-18 x 1 Hex Cap Screw SS
14	F50587	10	5/16-18 x 1 Serrated Flange Bolt	28	83692	1	Label – Pre-Wet Mixing Chamber
Item 25 99794 Auger Bearing Kit							
3	D5382	1	1-1/4 Bearing 2-Bolt Flange	4	D5535	10	1/2-13 Serrated Flange Nut
SS = Stainless Steel							

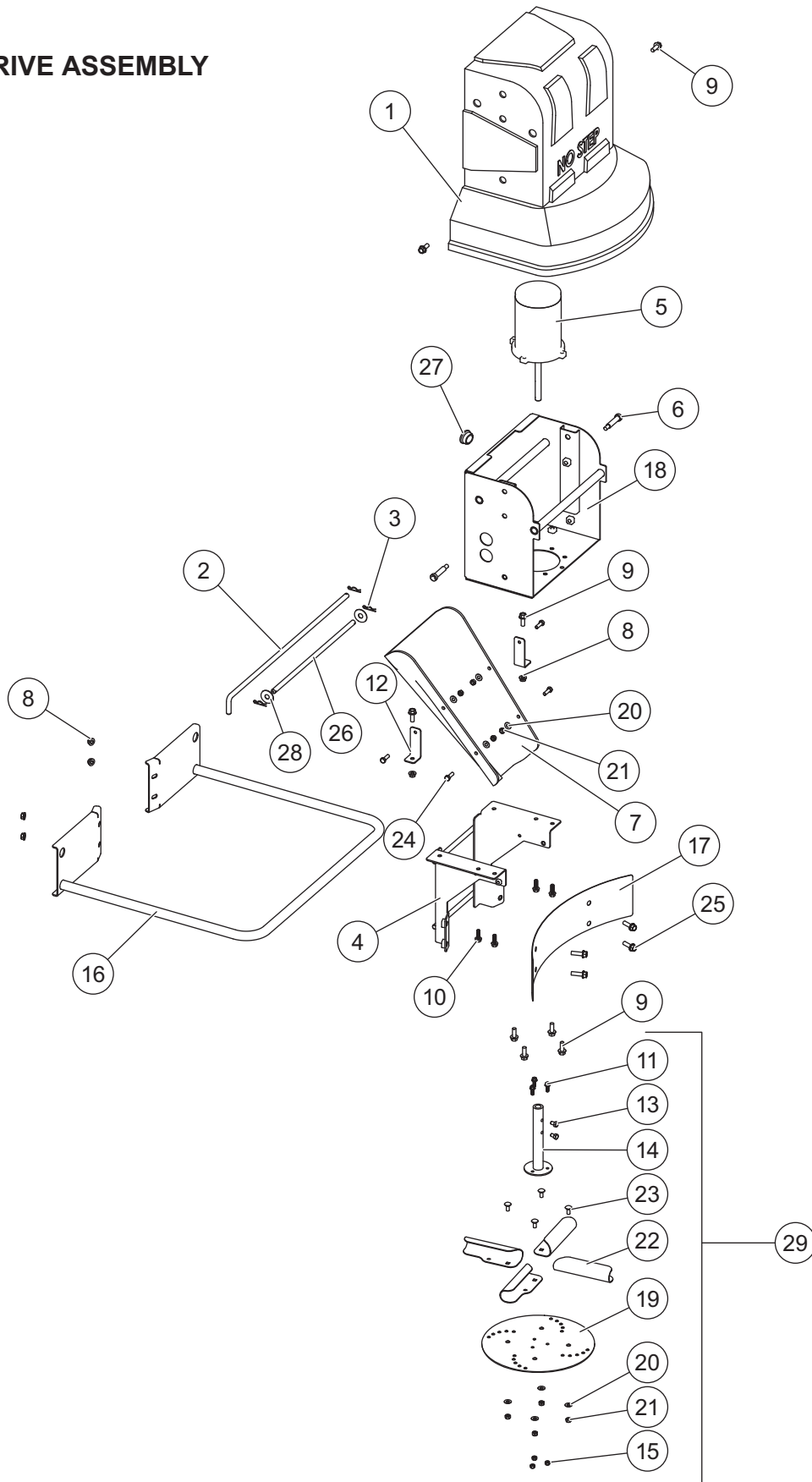
FRONT AUGER BEARING GREASE FITTINGS



Front Auger Bearing Grease Fittings							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	D6982	1	1/8 Bulkhead Coupling, Brass	3	D6987	1	1/4 x 108 Tubing
2	D6984	2	1/4 Tube x 1/8 Male Thread Compression Fitting	4	D6983	1	1/8 Grease Fitting, Straight

VX-4210 V-Maxx™ G2 HOPPER SPREADER

SPINNER DRIVE ASSEMBLY

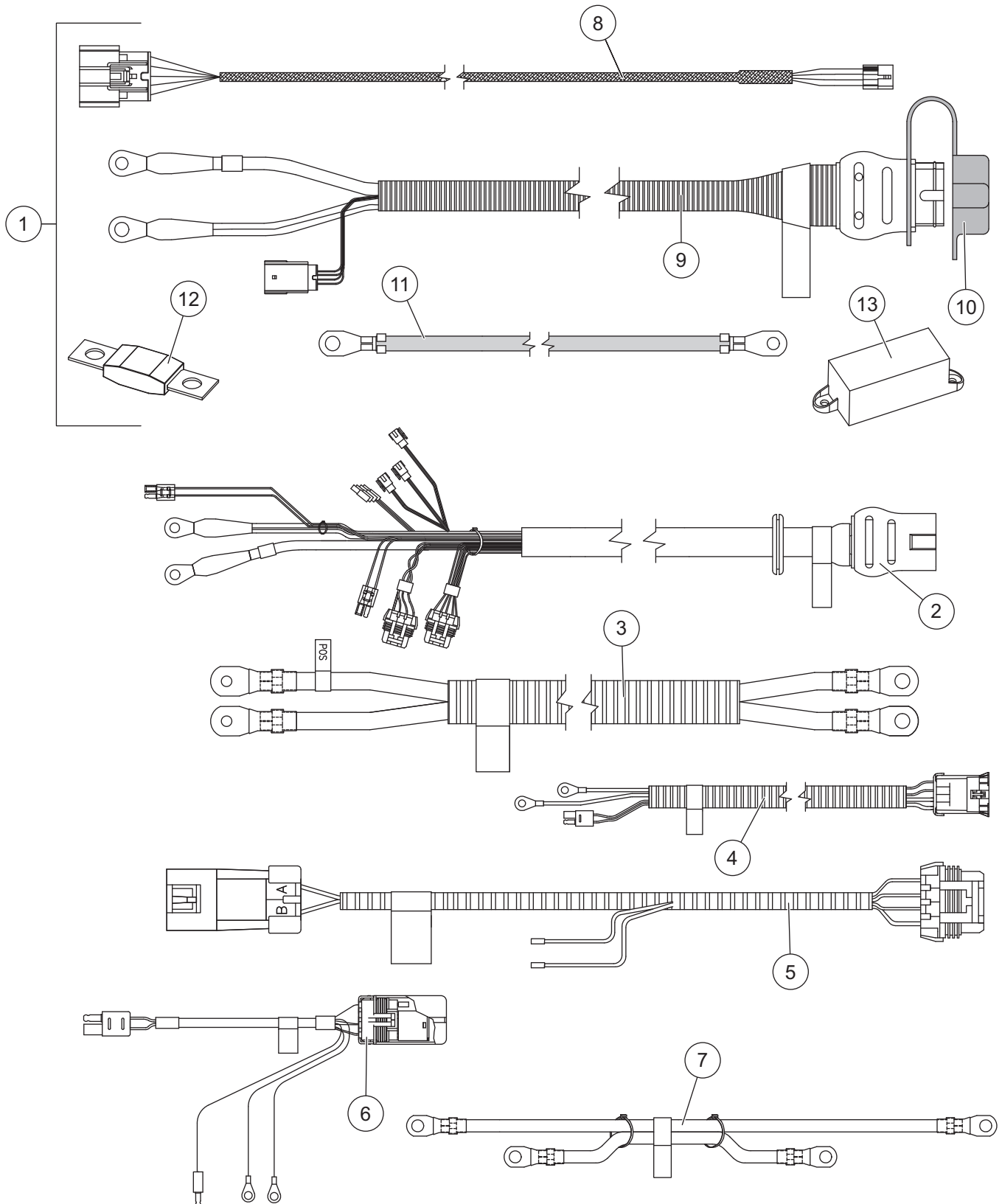


VX-4210 V-Maxx™ G2 HOPPER SPREADER

83756 Spinner Drive Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	F51026	1	Spinner Drive Cover	16	57246	1	Spinner Guard Tube (incl. items 8 & 25)
2	F50366	1	1/2 x 25-1/2 Bent Pin	17	F50318	1	Material Deflector
3	D4135	3	.093 x 2-3/8 Hairpin Cotter	18	F51022	1	Drive Enclosure
4	F50316	1	Deflector Frame	19	F50517	1	Spinner Plate
5	D6887	1	Direct Drive Spinner Motor	20	D5949	8	3/8 Flat Washer SS
6	F50407	2	1/2-13 x 2 Shoulder Bolt	21	T15018	8	5/16-18 Locknut SS
7	F51024	1	Material Chute	22	T30207	4	Cupped Spinner Fin
8	D6584	6	3/8-16 Serrated Flange Locknut	23	D5022	4	5/16-18 x 3/4 Carriage Bolt SS
9	D6452	8	3/8-16 x 1 Serrated Flange Bolt Type F	24	D6418	4	5/16-18 x 1 Hex Cap Screw SS
10	D6453	4	5/16 x 1 Serrated Flange Bolt SS	25	83641	4	3/8-16 x 1-1/4 Serrated Flange Bolt SS
11	D6854	3	1/4-20 x 1 Serrated Hex Washer-Head Cap Screw SS	26	F51048	1	Hinge Pin
12	F51025	2	Chute Bracket	27	99195	1	Break-Thru Plug
13	T15049	2	5/16-18 x 1/2 Hex Cap Screw SS	28	D6581	2	1/2 Fender Washer
14	D6824	1	Spinner Hub	29	83736	1	Spinner Hub Kit
15	T15016	3	1/4-20 Waxed Locknut SS	ns	83696	1	Spinner Motor Harness
Item 29				83736 Spinner Hub Kit			
11	D6854	3	1/4-20 x 1 Serrated Hex Washer-Head Cap Screw SS	19	F50517	1	Spinner Plate
13	T15049	2	5/16-18 x 1/2 Hex Cap Screw SS	20	D5949	4	3/8 Flat Washer SS
14	D6824	1	Spinner Hub	21	T15018	4	5/16-18 Locknut SS
15	T15016	3	1/4-20 Waxed Locknut SS	22	T30207	4	Cupped Spinner Fin
				23	D5022	4	5/16-18 x 3/4 Carriage Bolt SS
ns = not shown				SS = Stainless Steel			

VX-4210 V-Maxx™ G2 HOPPER SPREADER

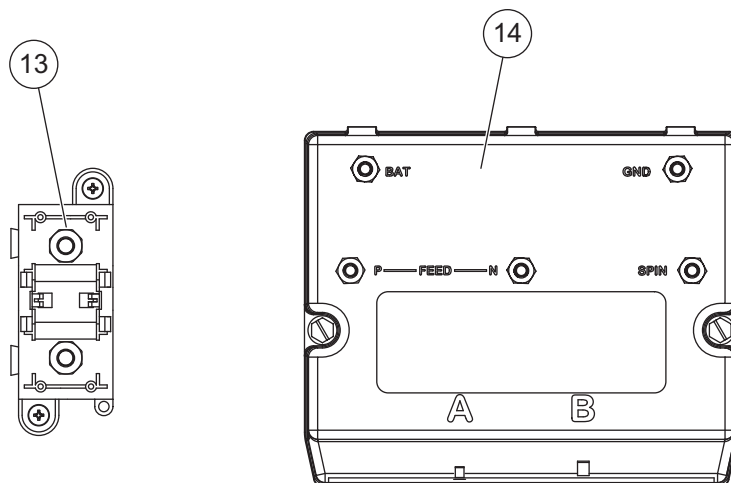
CONTROL & ELECTRICAL COMPONENTS



Not drawn to scale.

VX-4210 V-Maxx™ G2 HOPPER SPREADER

CONTROL & ELECTRICAL COMPONENTS

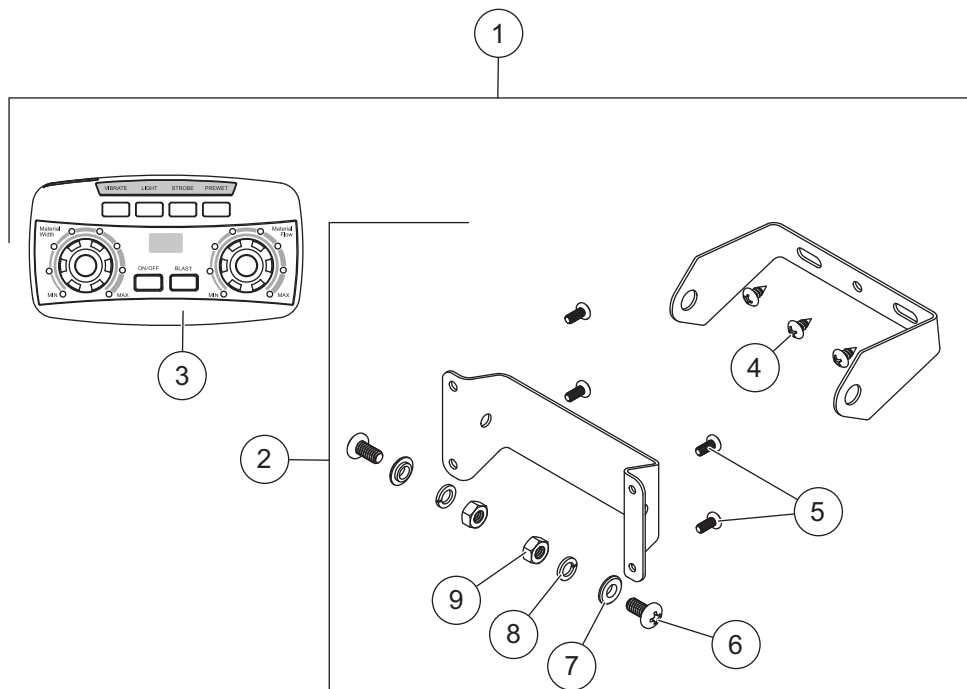


Cables & Harnessing / Electrical Enclosure Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	83695	1	Vehicle-Side Harness Kit	7	78385	1	Cable Assembly, Mod. to Isolated Stud
2	83688	1	Cable Assembly, Hopper	ns	83712	1	Extension Harness, 24"
3	83704	1	Cable Assy, Module to Auger Motor	ns	D6514	1	Center High Mount Stop Light (CHMSL)
4	78415	1	Cable Assy, Spinner Motor, Hopper	ns	D6529*	2	#10-32 x 1-1/4 Machine Screw SS
5	83696	1	Harness, Spinner Chute	ns	D6158-1*	2	#10-32 Locknut SS
6	78382	1	Vibrator Harness Assembly	ns	78391	1	Vibrator Extension Harness, 94"
Item 1 83695 Vehicle-Side Harness Kit							
8	69902	1	Vehicle Control Harness	12	95836	1	Fuse, 100A
9	83690	1	Vehicle Harness Assy (incl. item 10)	13	95837	2	Fuse Holder/Isolated Stud Block
10	99759	1	Plug Cover	ns		6	Cable Tie, HD
11	22511	1	22" Battery Cable – Red	ns		10	Cable Tie, 15.35"
Electrical Box Components							
13	95837	1	Fuse Holder/Isolated Stud Block	14	52375	1	Spreader Module, 5-Post
ns = not shown				SS = Stainless Steel			

* CHMSL mounting hardware.

VX-4210 V-Maxx™ G2 HOPPER SPREADER

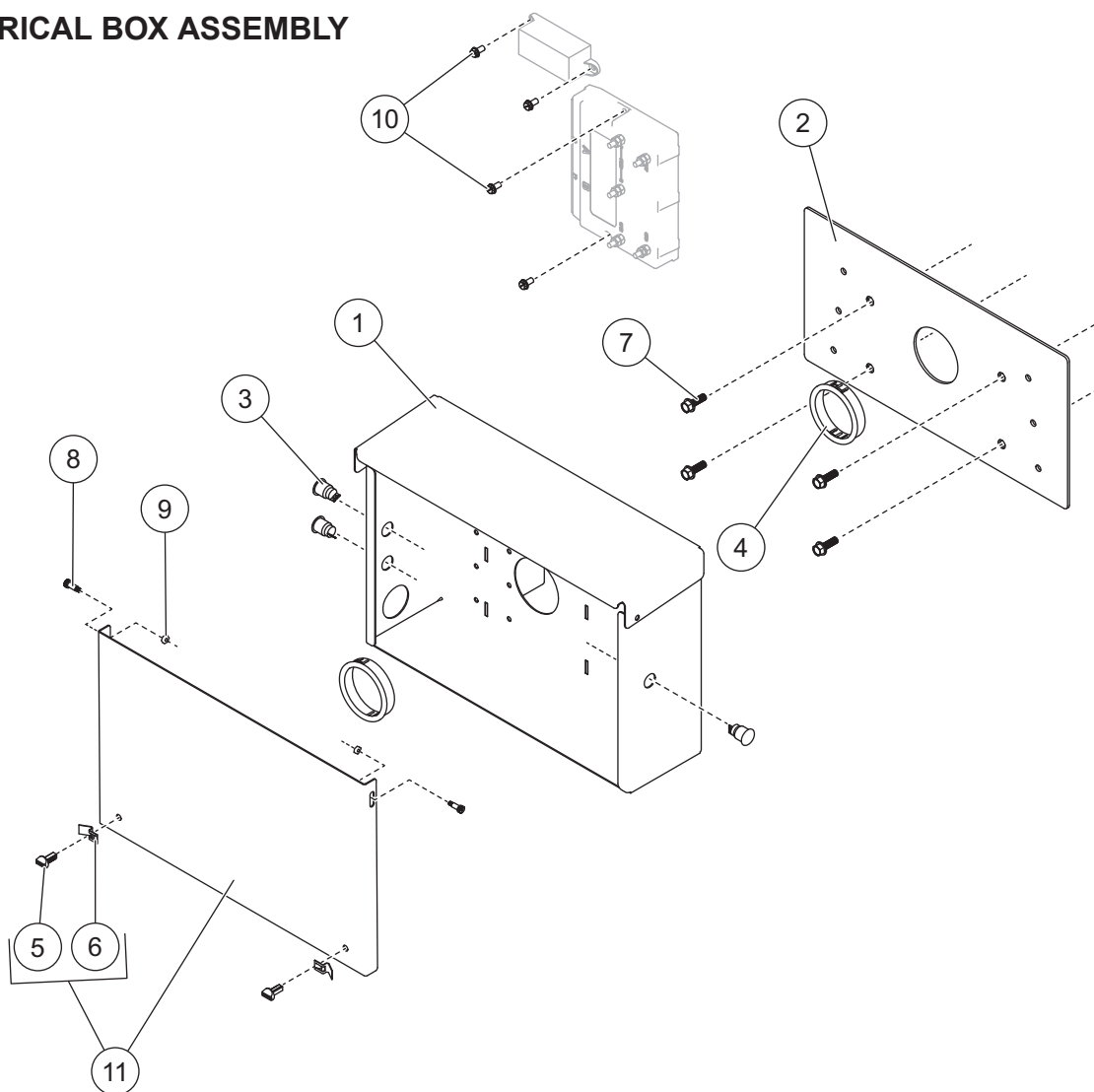
CONTROL & ELECTRICAL COMPONENTS



Cab Control							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	52430	1	Cab Control Kit	3	52432	1	Cab Control 2-Knob
2	52345	1	Cab Control Bracket Kit				
Item 1 52430 Cab Control Kit				Item 2 52345 Cab Control Bracket Kit			
	2	52345	1 Cab Control Bracket Kit		3	52432	1 Cab Control 2-Knob
		1	Bracket, Control Inner			2	1/4-20 x 1/2 Pan Head Machine Screw SS – Black
		1	Bracket, Control Outer			2	1/4 Shoulder Washer SS – Black
4		3	#10 x 3/8 Pan Head Tapping Screw SS			2	1/4 Lock Washer SS
5		4	#8 x 3/8 Pan Head Machine Screw			2	1/4-20 Hex Nut G5 – Black
SS = Stainless Steel				G = Grade			

VX-4210 V-Maxx™ G2 HOPPER SPREADER

ELECTRICAL BOX ASSEMBLY



83754 Electrical Box Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1		1	Electrical Box	8	92981	2	#10-32 x 1/2 Shoulder Bolt
2	57121	1	Mounting Plate Assembly	9	D6158-1	2	#10-32 Locknut SS
3	99254	3	Switch, Push Button MO	10	78436	4	1/4-20 x 1/2 Hex Washer-Head Machine Screw SS
4	78434	2	Locking Grommet, 3" OD	11	83757	1	Cover Assembly
5	94302	2	Latch Knob	ns	83698	1	Labels – Electronic Assembly
6	94301	2	Latch Pawl				
7	F50587	4	5/16-18 x 1 Serrated Flange Cap Screw				
Item 11				83757 Cover Assembly			
		1	Enclosure Cover Plate	6	94301	2	Latch Pawl
5	94302	2	Latch Knob				
SS = Stainless Steel				ns = not shown			



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