



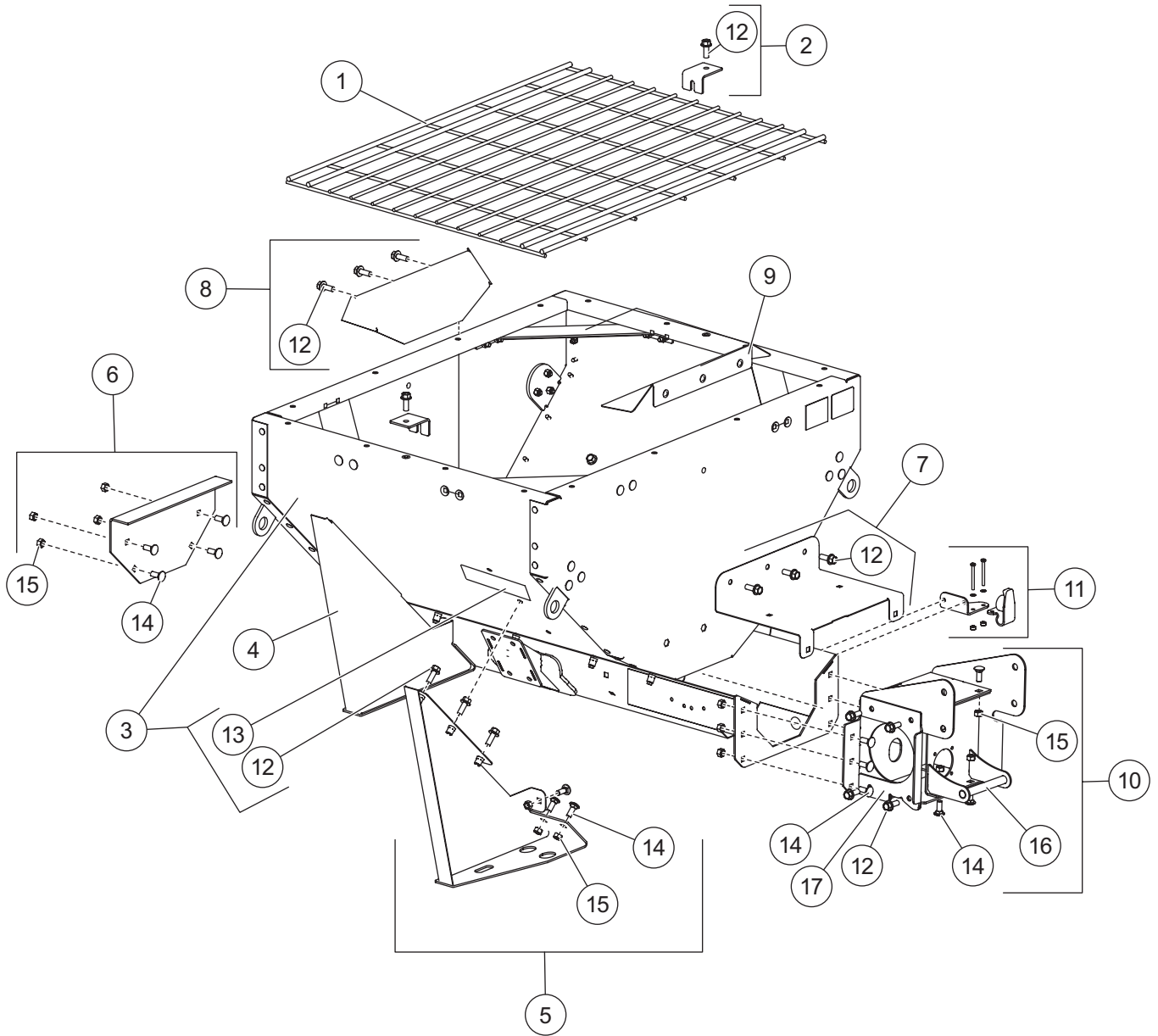
Hopper and Drive Components
Renegade™ Stainless Steel Hopper Spreaders
Auger and Chain Drive for UTVs
S035A, S035C

Parts List

This Parts List is for SnowEx® Renegade Stainless Steel Hopper Spreaders
with serial numbers beginning with 230605 and higher.

RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

HOPPER COMPONENTS – 0.35 yd³ AUGER DRIVE

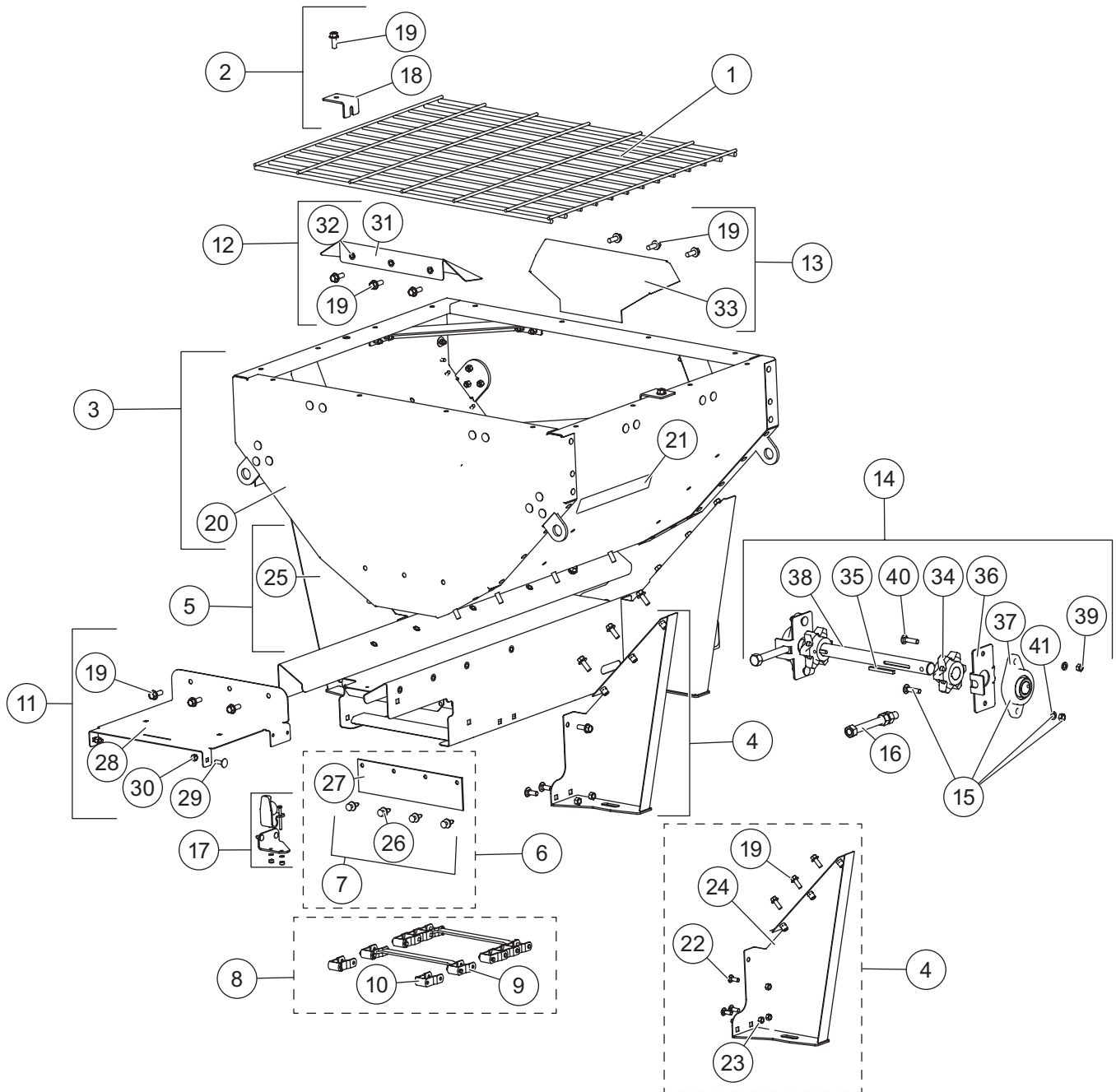


RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

0.35 yd ³ Auger Drive Hopper Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	74696	1	Top Screen – 0.35 yd ³	7	83289	1	Trough Extension Cover Service Kit – 0.35 yd ³
2	83896	1	Screen Attachment Kit	8	83279	1	Cab-Side Doghouse Kit – 0.35 yd ³
3	83285	1	Hopper Service Kit – 0.35 yd ³	9	83278	1	Tail-Side Doghouse Kit – 0.35 yd ³
4	83286	1	Leg Service Kit A – 0.35 yd ³	10	83291	1	Powergroup Attachment Kit – 0.35 yd ³
5	83287	1	Leg Service Kit B – 0.35 yd ³	11	83308	1	Spinner Module Dust Cover Kit
6	83897	1	Cab-Side Trough Cap Kit – 0.35 yd ³				
Item 2 83896 Screen Attachment Kit							
	2		Top Screen Clamp	12		2	3/8-16 x 1 Serrated Flange Hex Cap Screw SS
Item 3 83285 Hopper Service Kit – 0.35 yd³							
			Hopper Assembly – 0.35 yd ³	ns	D6335	2	Label – Warning, Rotating Auger
12	22		3/8-16 x 1 Serrated Flange Hex Cap Screw SS	13	31594EN	2	Label – Warning/Caution, Spreaders
Item 4 83286 Leg Service Kit A – 0.35 yd³							
	1		Leg – 0.35 yd ³ (A)	15		3	3/8-16 Hex Locknut GB SS
14	3		3/8-16 x 1 Carriage Bolt	ns		3	3/8-16 Hex Rivnut SS
Item 5 83287 Leg Service Kit B – 0.35 yd³							
	1		Leg – 0.35 yd ³ (B)	14		3	3/8-16 x 1 Carriage Bolt
ns	3		3/8-16 Hex Rivnut SS	15		3	3/8-16 Hex Locknut GB SS
Item 6 83897 Cab-Side Trough Cap Kit – 0.35 yd³							
	1		Front Trough Plate	ns		4	3/8 Flat Washer Type A Wide SS
14	4		3/8-16 x 1 Carriage Bolt	15		4	3/8-16 Hex Locknut GB SS
Item 7 83289 Trough Extension Cover Service Kit – 0.35 yd³							
	1		Trough Extension Cover – 0.35 yd ³	14		2	3/8-16 x 1 Carriage Bolt
12	3		3/8-16 x 1 Serrated Flange Hex Cap Screw SS	15		2	3/8-16 Hex Locknut GB SS
Item 8 83279 Cab-Side Doghouse Kit – 0.35 yd³							
	1		Cab-Side Doghouse	12		3	3/8-16 x 1 Serrated Flange Hex Cap Screw SS
ns	3		3/8-16 Hex Rivnut SS				
Item 9 83278 Tail-Side Doghouse Kit – 0.35 yd³							
	1		Tail-Side Doghouse – 0.35 yd ³	12		3	3/8-16 x 1 Serrated Flange Hex Cap Screw SS
ns	3		3/8-16 Hex Rivnut SS				
Item 10 83291 Powergroup Attachment Kit – 0.35 yd³							
	1		Powergroup Frame – 0.35 yd ³	15		10	3/8-16 Hex Locknut GB SS
12	4		3/8-16 x 1 Serrated Flange Hex Cap Screw SS	16		1	Bolting Plate, Gearbox
14	10		3/8-16 x 1 Carriage Bolt	17		1	Hanger Plate Cap
Item 11 83308 Spinner Module Dust Cover							
	1		Spinner Harness Boot Bracket			1	Dust Cover, Spinner Plug
	2		#10-32 x 2 Hex Cap Screw			2	1/4-20 x 3/4 Hex Cap Screw SS
ns = not shown				SS = Stainless Steel		G = Grade	

RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

HOPPER COMPONENTS – 0.35 yd³ CHAIN DRIVE

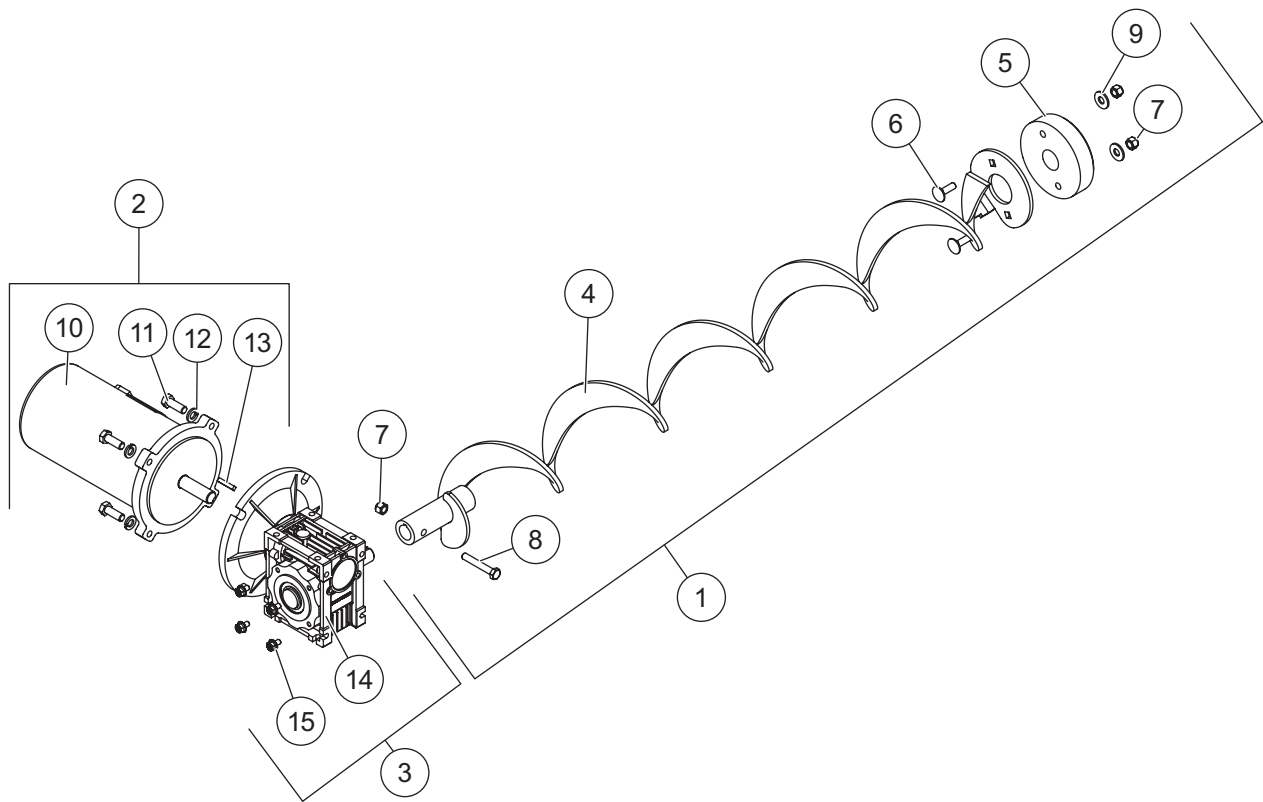


RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

0.35 yd ³ Chain Drive Hopper Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	74696	1	Top Screen – 0.35 yd ³	10	68475	1	Conveyor Repair Link w/Pins & Cotters
2	83896	1	Screen Attachment Kit	11	83268	1	Mixing Chamber Cover Kit – 0.35 yd ³
3	83265	1	Hopper Service Kit – 0.35 yd ³	12	83269	1	Tail-Side Doghouse Kit – 0.35 yd ³
4	83296	1	Leg Service Kit A – 0.35 yd ³	13	83271	1	Cab-Side Doghouse Kit – 0.35 yd ³
5	83297	1	Leg Service Kit B – 0.35 yd ³	14	83266	1	Idler Shaft Assembly Kit – 0.35 yd ³
6	83272	1	Wiper Replacement Kit	15	94953	1	Spreader Bearing Kit
7	99079	1	Rivet Kit, Steel Hopper Wiper (pkg of 4)	16	99073	1	Tensioner Bolt Kit
8	74758	1	Conveyor Chain, 48-Link	17	83308	1	Spinner Module Dust Cover
9	68375	1	Conveyor Repair Bar w/Pins & Cotters				
Item 2 83896 Screen Attachment Kit							
18		2	Top Screen Clamp	19		2	3/8-16 x 1 Serrated Flange Hex Cap Screw SS
Item 3 83265 Hopper Service Kit – 0.35 yd³							
19		22	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	21	31594EN	2	Label – Warning/Caution, Spreaders
20		1	Hopper Assembly – 0.35 yd ³				
Item 4 83296 Leg Service Kit A – 0.35 yd³							
19		4	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	23		2	3/8-16 Hex Locknut GB
22		2	3/8-16 x 1 Carriage Bolt	24		1	Rib, PS – 0.35 yd ³
Item 5 83297 Leg Service Kit B – 0.35 yd³							
19		4	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	23		2	3/8-16 Hex Locknut GB
22		2	3/8-16 x 1 Carriage Bolt	25		1	Rib, DS – 0.35 yd ³
Item 6 83272 Wiper Replacement Kit							
26		4	Push Type Retainer	27	74686	1	Wiper Belt – 0.35 yd ³
Item 11 83268 Mixing Chamber Cover Kit – 0.35 yd³							
19		3	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	29		2	5/16-18 x 1 Carriage Bolt
28		1	Mixing Chamber Cover – 0.35 yd ³	30		2	5/16-18 Hex Locknut GB
Item 12 83269 Tail-Side Doghouse Kit – 0.35 yd³							
19		3	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	32		3	3/8-16 Hex Rivnut SS
31		1	Tail-Side Doghouse – 0.35 yd ³				
Item 13 83271 Cab-Side Doghouse Kit – 0.35 yd³							
19		3	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	33		1	Cab-Side Doghouse – 0.35 yd ³
ns		3	3/8-16 Hex Rivnut SS				
Item 14 83266 Idler Shaft Assembly Kit – 0.35 yd³							
34	65909	2	Drive Sprocket Machining 6T	38	74662	1	Idler Shaft, 3'
35	95076	2	Brass Key, 2.75"	39		4	3/8-16 Hex Nut SS
36	99765	2	Bearing Alignment Plate	40		4	3/8-16 x 1-1/2 Carriage Bolt
37	94536	2	2-Bolt Flange Bearing, 1.125 ID	41		4	3/8 Flat Washer Type A Wide SS
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RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

DRIVETRAIN COMPONENTS – 0.35 yd³ AUGER DRIVE

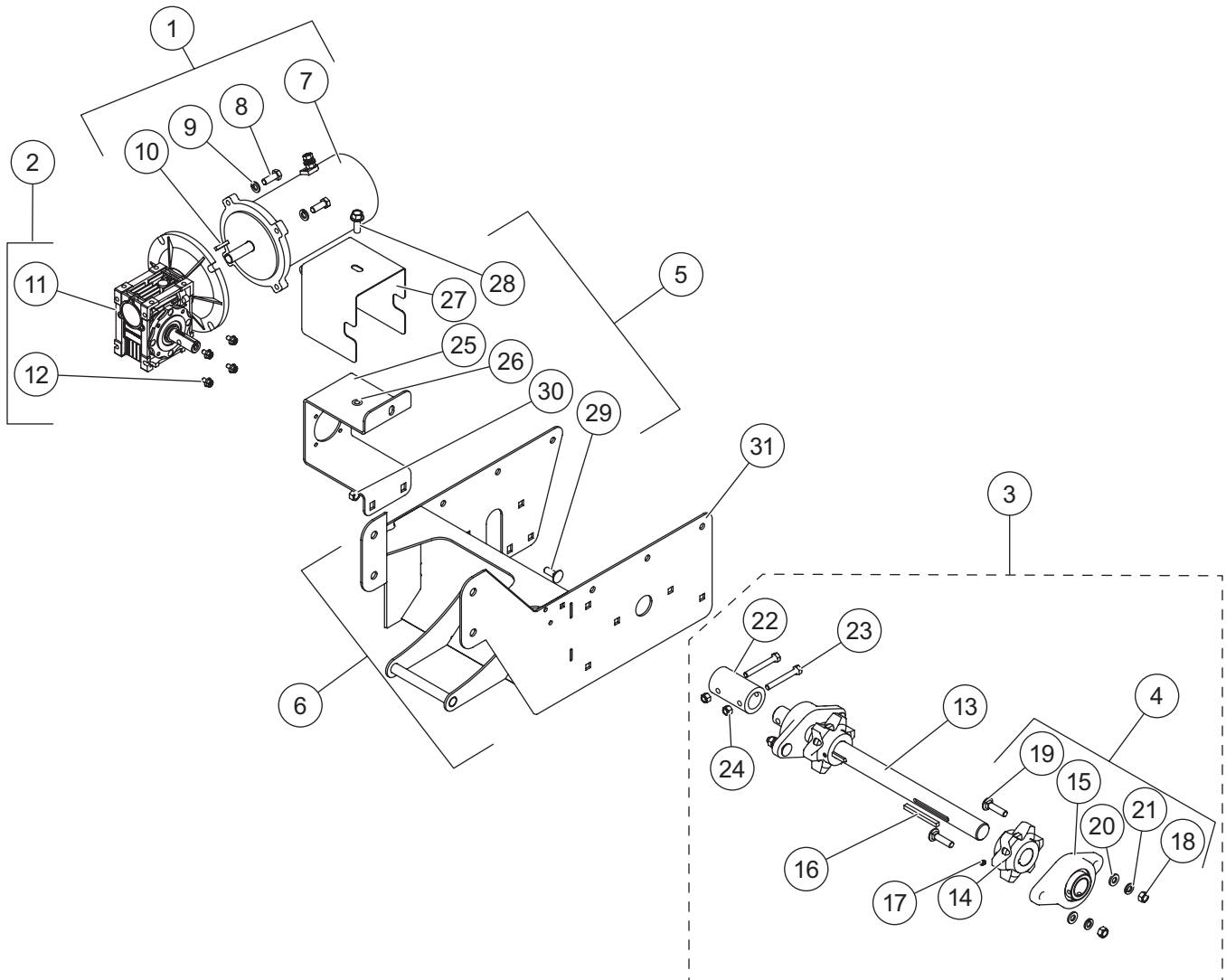


RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

Drivetrain Components – 0.35 yd ³ Auger Drive							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	83290	1	Auger Kit – 0.35 yd ³	3	83267	1	Transmission Kit, 80:1
2	85479	1	Motor Kit, 1/2 hp				
Item 1				83290 Auger Kit – 0.35 yd³			
4	74674	1	Auger, 38 x 4 OD	7		3	5/16-18 Hex Locknut GB SS
5	74651	1	Front Auger Bearing, 4 OD	8		1	5/16-18 x 2 Hex Cap Screw SS
6		2	5/16-18 x 1 Carriage Bolt	9		2	5/16-18 Flat Washer SS
Item 2				85479 Motor Kit, 1/2 hp			
10	D6825-1	1	Motor, 1/2 hp, 1750 rpm	12		4	3/8 Spring Lock Washer SS
11		4	3/8-16 x 1 Hex Cap Screw SS	13		1	Machine Key, 3/16 x 1
Item 3				83267 Transmission Kit, 80:1			
14	10923	1	Transmission, 80:1	15		4	M6-1 x 10 Flanged Hex Cap Screw
G = Grade				SS = Stainless Steel			
				M = Metric			

RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

POWERGROUP COMPONENTS – 0.35 yd³ CHAIN DRIVE

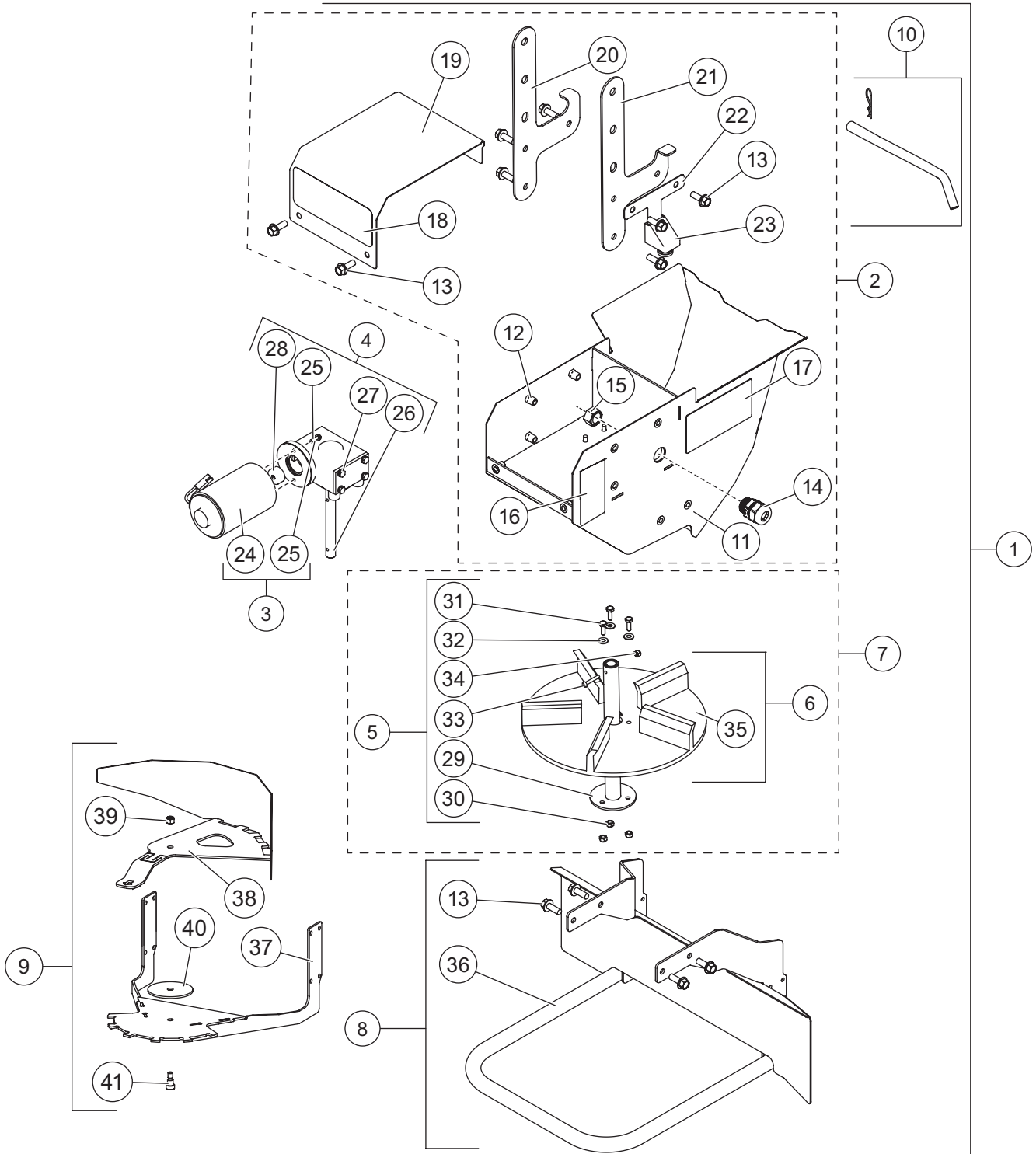


RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

Powergroup Components – 0.35 yd ³ Chain Drive							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	85479	1	Motor, 1/2 hp, 1750 rpm	4	94953	2	Spreader Bearing Kit
2	83267	1	Transmission Service Kit, 80:1	5	83263	1	Gear Box Bracket Kit – 0.35 yd ³
3	83264	1	Drive Shaft Kit – 0.35 yd ³	6	83262	1	Powergroup Mount Kit – 0.35 yd ³
Item 1 85479 Motor, 1/2 hp, 1750 rpm							
7	D6825-1	1	Motor, 1/2 hp, 1750 rpm	9		4	3/8 Spring Lock Washer SS
8		4	3/8-16 x 1 Hex Cap Screw SS	10	65195	1	Machine Key, 0.188 sq x 1.000
Item 2 83267 Transmission Service Kit, 80:1							
11	10923	1	Transmission, 80:1 MRVC 040	12		1	M6-1 x 10 Flanged Hex Cap Screw
Item 3 83264 Drive Shaft Kit – 0.35 yd³							
13	74661	1	Gear Box Shaft	19		4	3/8-16 x 1-1/2 Carriage Bolt
14	65909	2	Drive Sprocket Machining 6T	20		4	3/8 Flat Washer Type A Wide SS
15	94536	2	2-Bolt Flange Bearing, 1.125 ID	21		4	3/8 Spring Lock Washer SS
16	95076	2	2.75" Brass Key	22	74678	1	Drive Shaft Coupler – 0.35 yd ³
17		2	1/4-20 x 3/8 Socket Set Screw	23		2	5/16 x 2-1/4 Hex Cap Screw
18		4	3/8-16 Hex Nut SS	24		2	5/16-18 Hex Locknut GB
Item 4 94953 Spreader Bearing Kit							
15	94536	1	2-Bolt Flange Bearing, 1.125 ID	20		2	3/8 Flat Washer Type A Wide SS
18		2	3/8-16 Hex Nut SS	21		2	3/8 Spring Lock Washer SS
19		2	3/8-16 x 1-1/2 Carriage Bolt				
Item 5 83263 Gear Box Bracket Kit – 0.35 yd³							
25		1	Gear Box Mount Bracket – 0.35 yd ³	28		2	3/8-16 x 1 Serrated Flange Hex Cap Screw SS
26		1	3/8-16 Hex Rivnut SS	29		2	3/8-16 x 1 Carriage Bolt
27		1	Motor Coupler Guard	30		2	3/8-16 Hex Locknut GB
Item 6 83262 Powergroup Mount Kit – 0.35 yd³							
31		1	Chain Powergroup Mount – 0.35 yd ³	ns		2	3/8-16 x 1 Carriage Bolt
ns		6	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	ns		2	3/8-16 Hex Locknut GB
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				ns = not shown			
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RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

CHUTE & SPINNER DRIVE ASSEMBLY COMPONENTS – 0.35 yd³

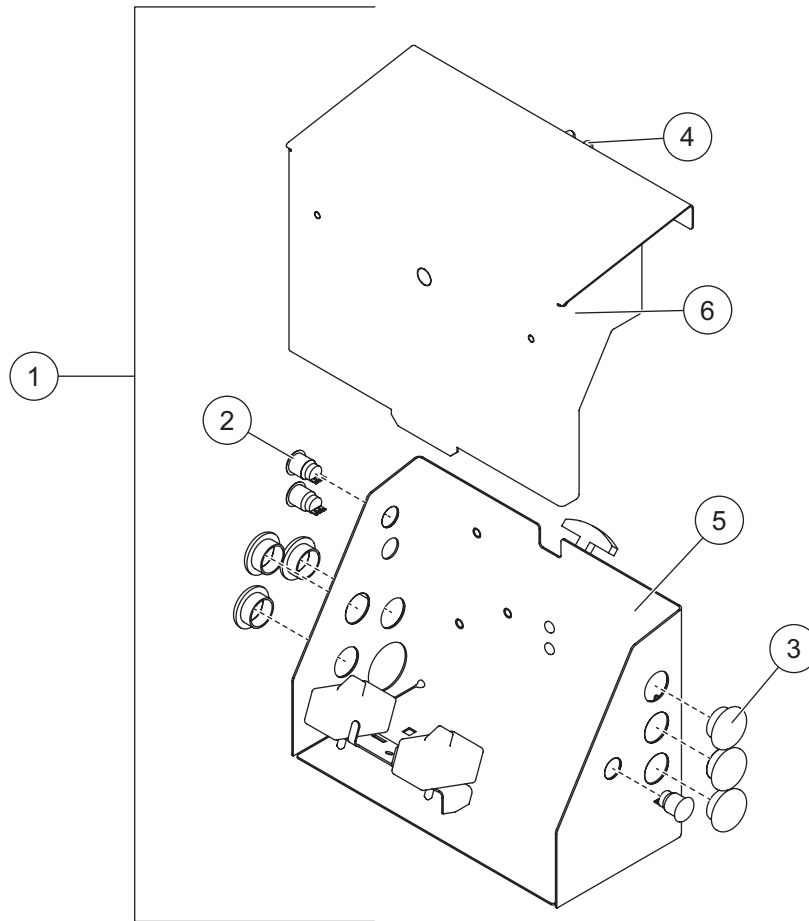


RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

Chute & Spinner Drive Assembly Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	83890	1	Chute Assembly	6	85438	1	Spinner Disk Service Kit
2	83888	1	Spinner Drive Housing	7	83887	1	Spinner Disk and Mount Kit
3	75901	1	Spinner Motor Service Kit	8	85437	1	Spinner Guard Service Kit
4	83722	1	Spinner Transmission Kit	9	83270	1	Shutter Accessory, Chute (standard on chain units)
5	83889	1	Spinner Mount Kit				
Item 1 83890 Chute Assembly							
	74690	1	Spinner Drive Assembly	10	30879	2	Chute Pin Kit
Item 2 83888 Spinner Drive Housing							
11		1	Chute Motor Enclosure	18	30917EN	1	Label – Warning, No Step
12		12	3/8-16 Hex Rivnut SS	19		1	Chute Motor Cover
13		12	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	20	91639	1	Chute Hanger, DS
14		1	10/2 3/4 NPT Strain Relief	21	91641	1	Chute Hanger, PS
15		1	3/4 Nut, Nylon	22		1	Cable Boot Bracket
16	32593EN	2	Label – Warning, Multiple Pinch Points	23	11992	1	Dust Cover, Spinner Harness
17	92969	1	Label – Warning, Chute Disconnect	ns	11100	1	Label – Warning, Rear Camera
Item 3 75901 Spinner Motor Service Kit							
24	72690	1	Motor	25		2	#10-32 x 5/8 Hex Cap Screw
Item 4 83722 Spinner Transmission Kit							
25		2	#10-32 x 5/8 Hex Cap Screw	27		4	1/4-20 x 1/2 Hex Cap Screw
26	D6107	1	Worm Transmission 8:1, 5.9" Shaft	28	D6232	1	Motor Drive Coupler
Item 5 83889 Spinner Mount Kit							
29		1	Spinner Hub	32		3	1/4 Flat Washer Type A Narrow
30		3	1/4-20 Hex Locknut GB	33		2	#10-32 x 2 Hex Cap Screw
31		3	1/4-20 x 3/4 Hex Cap Screw SS	34		2	#10-32 Hex Locknut GB
Item 6 85438 Spinner Disk Service Kit							
35	D6823	1	12 x 5/8 Spinner	ns		3	1/4 Flat Washer SS
ns		3	1/4-20 x 1 Serrated Flange Hex Cap Screw SS	ns		3	1/4-20 Nylon Nut
Item 7 83887 Spinner Disk and Mount Kit							
5	83889	1	Spinner Mount Kit	6	85438	1	Spinner Disk Service Kit
Item 8 85437 Spinner Guard Service Kit							
13		4	3/8-16 x 1 Serrated Flange Hex Cap Screw SS	36		1	Deflector
Item 9 83270 Shutter Accessory, Chute (standard on chain units)							
37		1	Shutter Mount	41		1	3/8 x 5/16 x 5/16-18 Shoulder Bolt SS
38		1	Shutter Deflector	ns		4	1/4-20 x 3/4 Hex Cap Screw SS
39		1	5/16-18 Hex Locknut GB SS	ns		4	1/4-20 Hex Locknut GB
40		1	Plastic Washer				
Item 10 30879 Chute Pin Kit							
	1		Chute Locking Pin		1		3/32 x 2-1/4 Hairpin Cotter
G = Grade		SS = Stainless Steel		ns = not shown			

RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

ELECTRICAL ENCLOSURE ASSEMBLY – 0.35 yd³

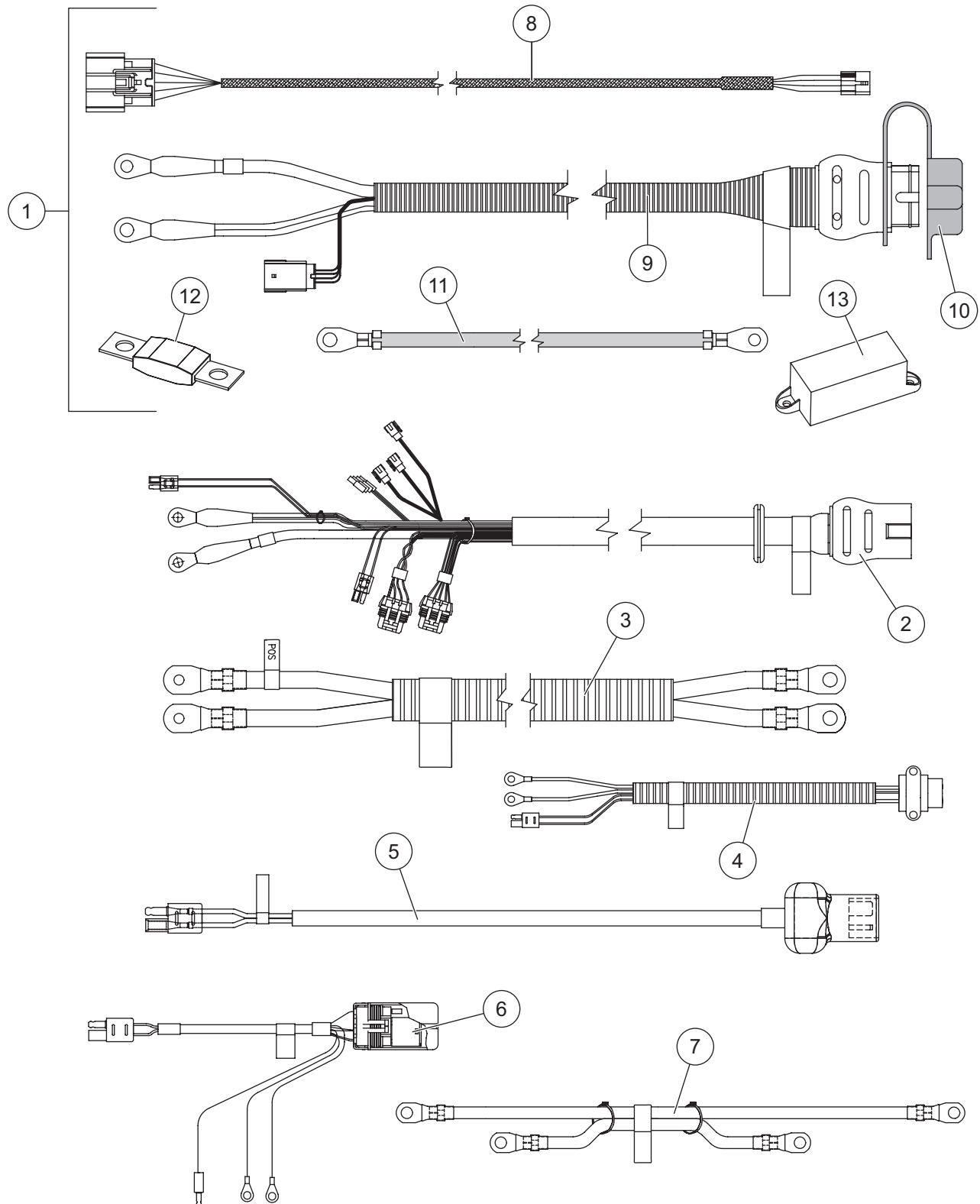


RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

Electrical Enclosure Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	83292	1	Electrical Box Assembly – 0.35 yd ³				
Item 1				83292 Electrical Box Assembly – 0.35 yd³			
2	99254	3	Switch, Push Button MO	ns		1	Rubber Latch Assembly
3	99195	6	Break-Thru Plug	ns		4	3/16 Pop Rivet
4		1	Keeper	ns	85480	1	Label – Information, Feed/Work Light
5		1	Electrical Enclosure – 0.35 yd ³	ns	85481	1	Label – Information, Feed Light
6		1	Mailbox Cover – 0.35 yd ³				
ns = not shown							

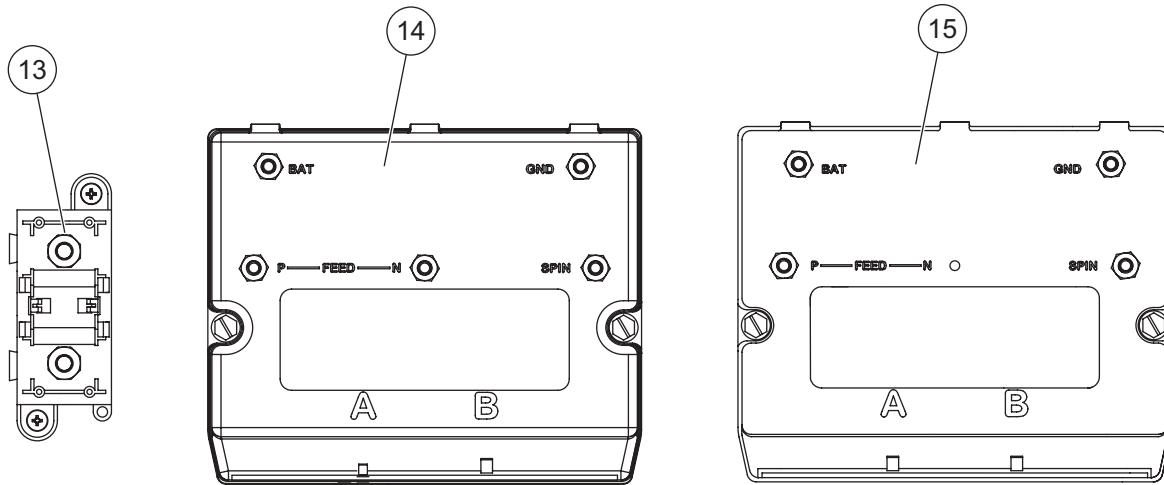
RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

ELECTRICAL COMPONENTS – 0.35 yd³



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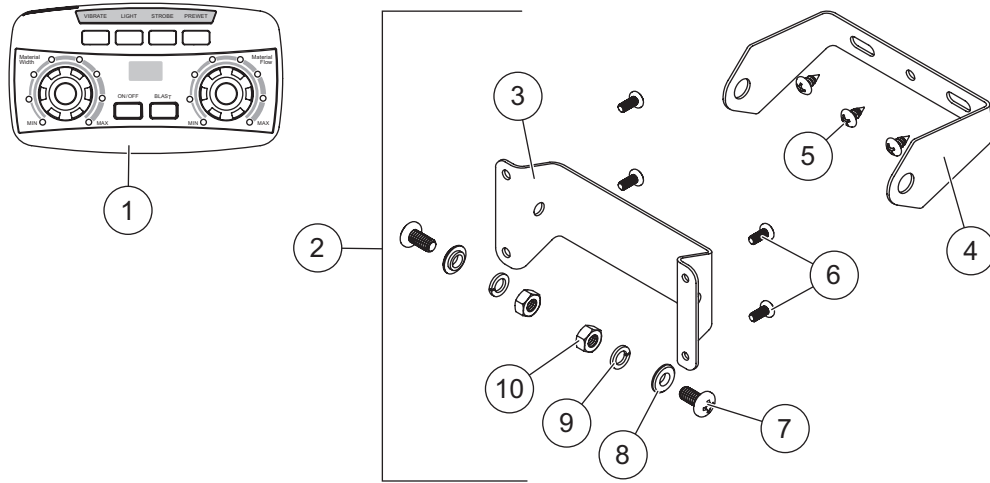
RENEGADE™ STAINLESS STEEL HOPPER SPREADERS



Cables & Harnessing, Electrical Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	85692	1	Vehicle-Side Harness Kit, 140"	6	78382	1	Vibrator Harness Assembly
2	83688	1	Hopper Cable Assembly	7	78385	1	Module to Isolated Stud Cable Assy
3	78987	1	Module to Auger Motor Cable Assy	ns	83712	1	Vibrator Extension Harness, 24"
4	85448	1	Spinner Module Cable Assembly	ns	69916	1	8-Pin Cable Boot
5	78883	1	Spinner Motor Cable Assembly	ns	61592	1	Butt Splice
Item 1				85692 Vehicle-Side Harness Kit, 140"			
8	69901	1	Vehicle Control Harness	ns		2	1/4-20 x 3/4 Hex Cap Screw SS
9	78904	1	Vehicle Harness Assy (incl. item 10)	ns		2	1/4-20 Hex Locknut GB
10	99759	1	Plug Cover	ns		2	1/4 Flat Washer, Type A Narrow
11	22511	1	22" Battery Cable – Red	ns		6	Cable Tie, HD
12	95836	1	Fuse, 100A	ns		10	Cable Tie, 14" – Black
13	31179	1	Fuse Holder/Isolated Stud Block				
Electrical Box Components – Auger Spreader							
13	31179	1	Fuse Holder/Isolated Stud Block	14	52375	1	Spreader Module, 5-Post
Electrical Box Components – Chain Spreader							
13	31179	1	Fuse Holder/Isolated Stud Block	15	52385	1	Spreader Module, 4-Post
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RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

CAB CONTROL



52430 Cab Control Kit							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	52432	1	Cab Control, 2-Knob	2	52345	1	Cab Control Bracket Kit
Item 2				52345 Cab Control Bracket Kit			
3		1	Bracket, Control Inner	7		2	1/4-20 x 5/8 Pan Head Machine Screw SS
4		1	Bracket, Control Outer	8		2	1/4 Shoulder Washer – Black
5		3	#10 x 3/8 Pan Head Tapping Screw SS	9		2	1/4 Lock Washer SS
6		4	#8-32 x 3/8 Phillips Pan Head Machine Screw	10		2	1/4-20 Hex Nut SS
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RENEGADE™ STAINLESS STEEL HOPPER SPREADERS

ACCESSORIES

Accessory Kits			
Part	Description	Part	Description
85485	Strobe Light Kit	85696	Spill Guards – 0.35 yd ³
99505-1	Primary Work Light Kit	85698	Side Extensions – 0.35 yd ³
99732-1	Auxiliary Work Light Kit	85706	Inverted V Kit – 0.35 yd ³
85694	License Plate Kit	30064	Tarp Kit – 0.35 yd ³
76668-1	Vibrator Kit	30055	Bungee Kit, 9" – 0.35 yd ³
85692	Vehicle-Side Harness Kit, 140"– 0.35 yd ³	83270	Shutter Deflector Kit (standard on chain units)
68790	Ratchet Strap Kit (pkg of 4)	85688	Truck Conversion Kit, Auger – 0.35 yd ³
99080	CHMSL Kit	85693	Truck Conversion Kit, Chain – 0.35 yd ³



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