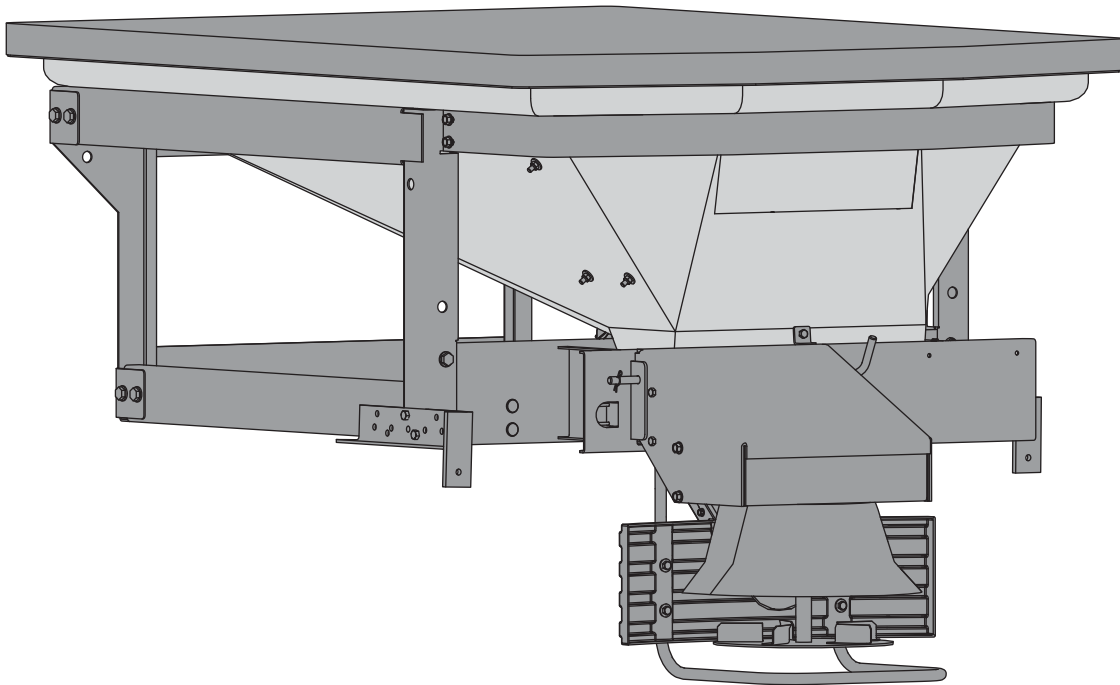




# Hopper Spreader Components

## POLY-CASTER™ LT Hopper Spreader

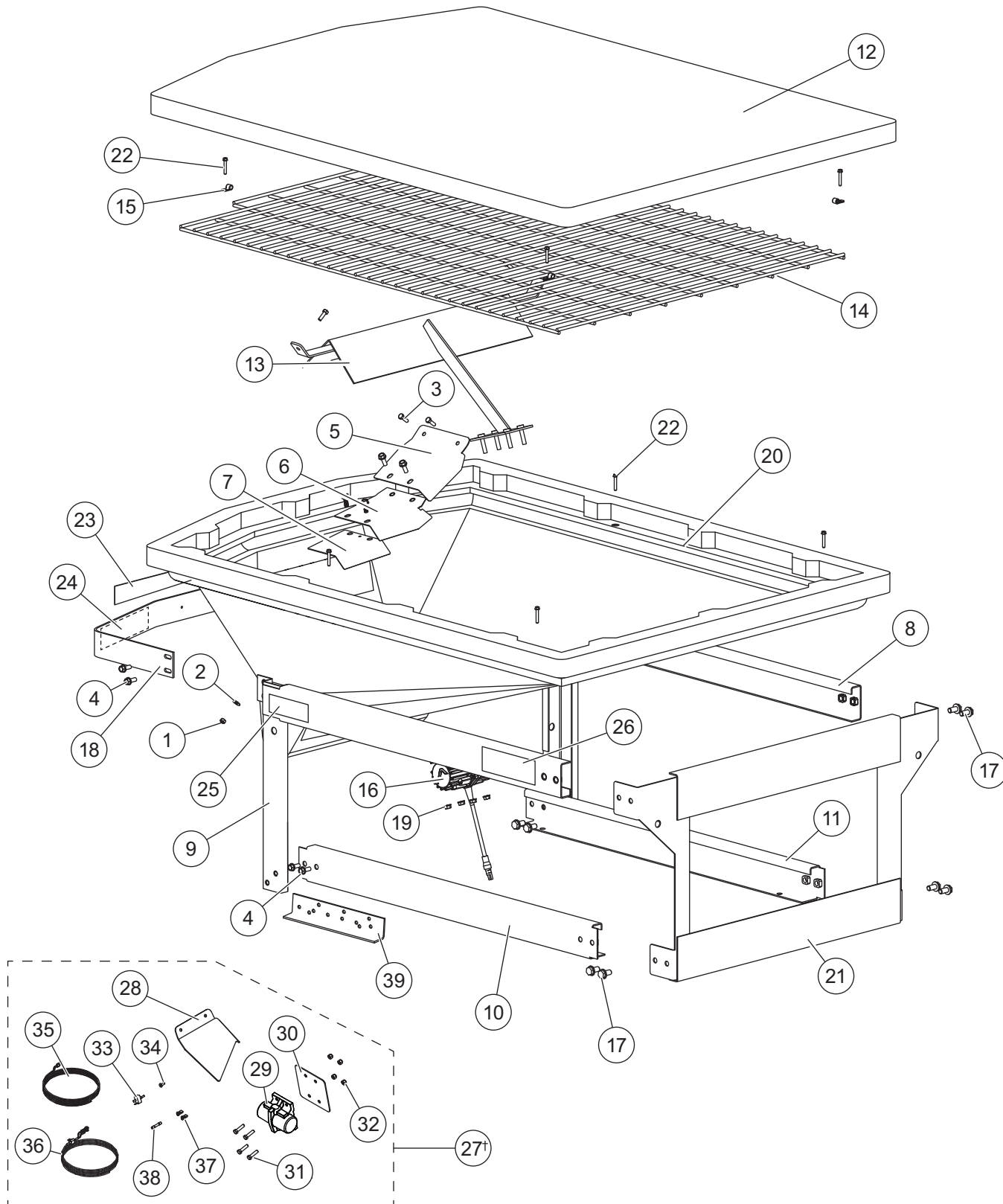
### Parts List



This Parts List is for FISHER® POLY-CASTER LT hopper spreaders with serial numbers 0000 and higher.

# POLY-CASTER™ LT HOPPER SPREADER

## FRAME ASSEMBLY

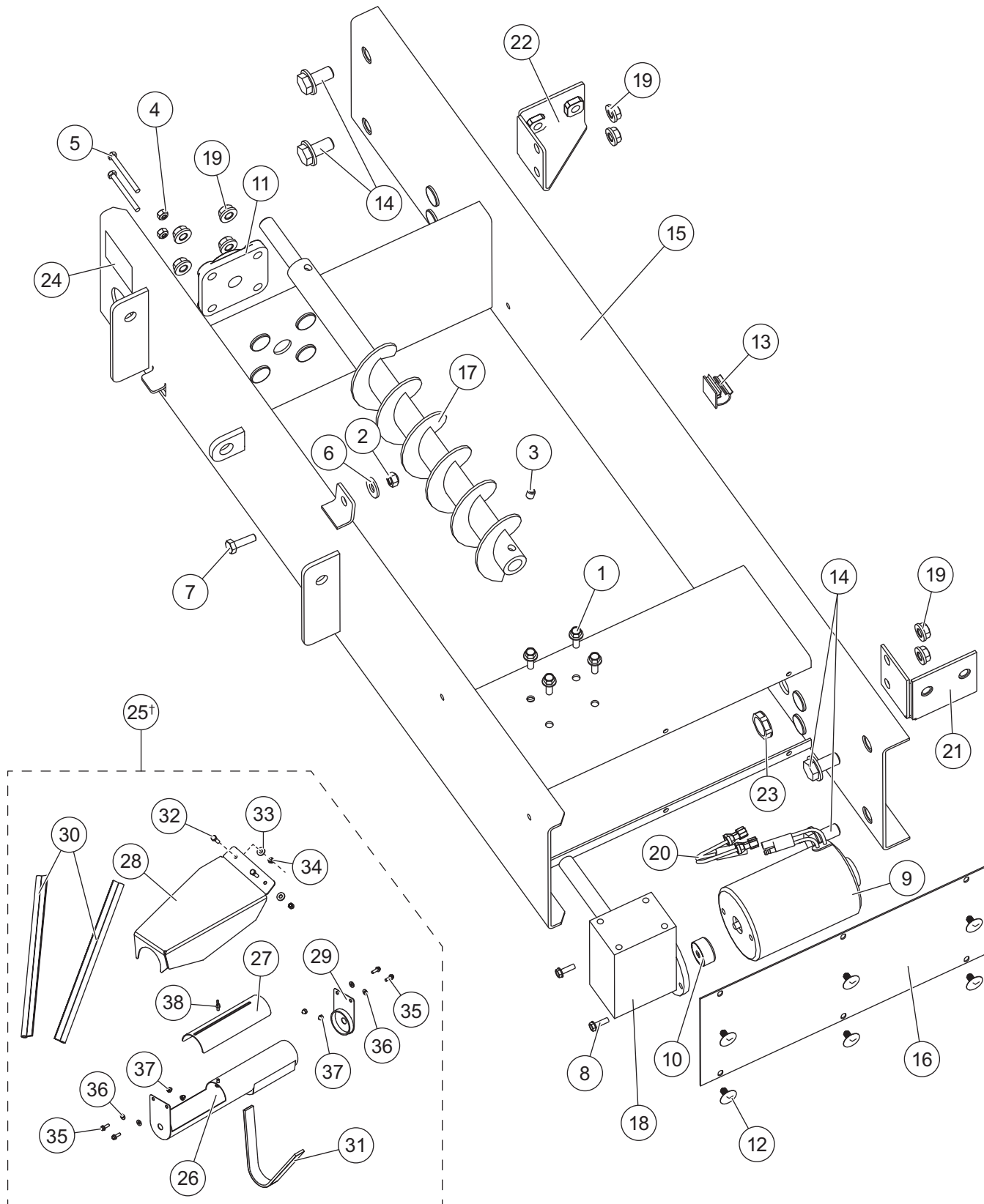


**POLY-CASTER™ LT HOPPER SPREADER**

Frame Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	91332	4	5/16-18 Hex Locknut GB	15	51066	4	5/16 Clamp
2	90313	4	5/16 Flat Washer	16	51068	1	Vibrator 0.5 yd Hopper
3	68494	4	5/16-18 x 1 Hex Cap Screw	17	51074	8	1/2-13 x 1 Hex Cap Screw Serrated
4	51049	12	3/8-16 x 1 Serrated Flange Type F	18	51075	1	Hopper Apron
5	51052	1	Main Baffle	19	51092	4	3/8-16 Serrated Flange Nut
6	51053	1	Secondary Baffle	20	51095	1	Hopper, POLY-CASTER LT, Yellow
7	51054	1	Third Baffle	21	51099	1	Front Frame
8	51055	1	Frame Right	22	51103	8	1/4 x 1-1/2 Driller w/Washer
9	51056	1	Frame Left	23	51104	1	Conspicuity Tape
10	51057	1	Lower Rail Right	24	42721	1	Label, POLY-CASTER LT Logo
11	51058	1	Lower Rail Left	25	D6546	1	Label, Warning GVWR
12	51062	1	Tarp Kit	26	69808	2	Label, FISHER® Logo
13	51064	1	Inverted V 0.5 yd Hopper	27†	51106	1	Optimum Flow Kit
14	51065	1	Top Screen 0.5 yd Hopper	ns	51019	1	Spreader Mounting Kit
<b>Item 27† 51106 Optimum Flow Kit</b>							
28	88295	1	Opti-Flow Baffle	34	88291	1	Rubber Switch Boot
29	88283	1	DC-80 Vibrator	35	88289	1	Spreader/Vehicle Harness 20'
30	88284	1	Vibrator Backing Plate	36	88290	1	Battery Harness 10'
31	90043	4	3/8-16 x 2 Hex Cap Screw G5	37	88294	2	Spade Connector
32	91333	4	3/8-16 Hex Locknut GB	38	88287	1	Butt Connector
33	88285	1	ON/OFF Switch	ns	88288	1	Dielectric Grease
<b>51019 Spreader Mounting Kit</b>							
39	51078	1	Adjustable Stop Bracket, Right	ns	90572	4	1/2 Flat Washer, Hardened
ns	51079	1	Adjustable Stop Bracket, Left	ns	91335	4	1/2-13 Hex Locknut GB
ns	51063	1	Ratchet Strap (pkg of 4)	ns	90039	4	3/8-16 x 1 Hex Cap Screw G5
ns	90210	4	1/2-13 x 1-1/2 Hex Cap Screw G5	ns	91333	4	3/8-16 Hex Locknut GB
ns = not shown		† = Accessory Only			G = Grade		

# POLY-CASTER™ LT HOPPER SPREADER

## AUGER ASSEMBLY

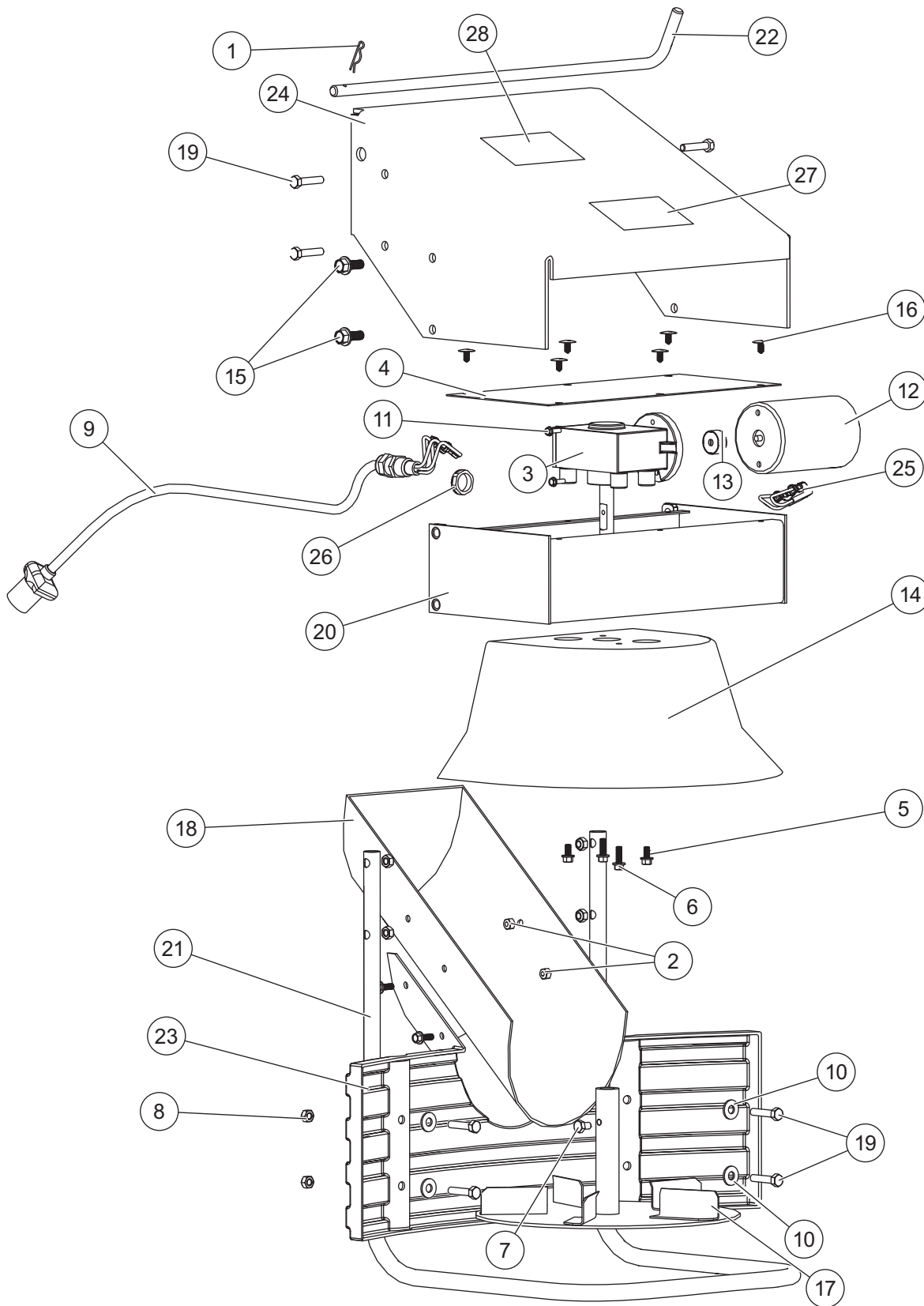


**POLY-CASTER™ LT HOPPER SPREADER**

Auger Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	51031	4	1/4-20 x 3/4 Serrated Flange SS	14	51074	4	1/2-13 x 1 Hex Cap Screw Serrated
2	91332	1	5/16-18 Hex Locknut GB	15	51076	1	Auger Drive Weldment
3	51034	1	5/16-18 x 3/8 Set Screw	16	51077	1	Auger Motor Cover
4	88266	2	#10-32 Hex Locknut	17	51087	1	Auger
5	51035	2	#10-32 x 2 Hex Cap Screw SS	18	51090	1	Transmission 30:1
6	90313	1	5/16 Flat Washer	19	51092	8	3/8-16 Flange Nut, Serrated
7	68494	1	5/16-18 x 1 Hex Cap Screw	20	51096	1	Spinner Motor Connector
8	51039	2	#10-32 x 5/8 Serrated Flange w/Patch	21	88269	1	Lower Rail Mount Bracket Right
9	51040	1	3" 12 V DC Motor w/2-Pin Connector	22	51098	1	Lower Rail Mount Bracket Left
10	51041	1	Motor Drive Coupler	23	51101	1	1/2" NPT Nut Black Nylon
11	51043	1	5/8 Bearing 4 Bolt Flange	24	D6548	1	Label, Warning – Read Manual
12	51050	6	1/4 x 3/4 x 1/2 Push Retainer	25†	51107	1	Auger Tube Restrictor Kit
13	51051	1	3/8 Wire Clamp				
<b>Item 25†</b>				<b>51107 Auger Tube Restrictor Kit</b>			
26	88275	1	Auger Tube	33	90313	2	5/16 Flat Washer
27	88277	1	Gate Slide, Auger Tube	34	91332	2	5/16-18 Hex Locknut GB
28	88278	1	Material Baffle TRK-3000	35	51031	4	1/4-20 x 3/4 Hex Cap Screw, Serrated Flange SS
29	88276	1	End Cap, Auger Tube	36	50969	4	1/4 Flat Washer SS
30	88281	1	Edge Grip Seal – 36"	37	50970	4	1/4-20 Hex Locknut Waxed SS
31	88282	1	1-1/4" Adhesive-Back Foam – 18"	38	88274	1	1/4-20 Wing Nut SS
32	68494	2	5/16-18 x 1 Hex Cap Screw G5				
SS = Stainless Steel		† = Accessory Only		G = Grade			

# POLY-CASTER™ LT HOPPER SPREADER

## DRIVE ASSEMBLY

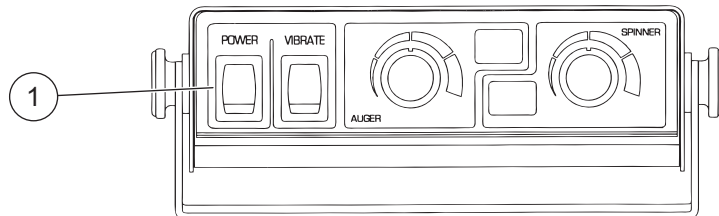


**POLY-CASTER™ LT HOPPER SPREADER**

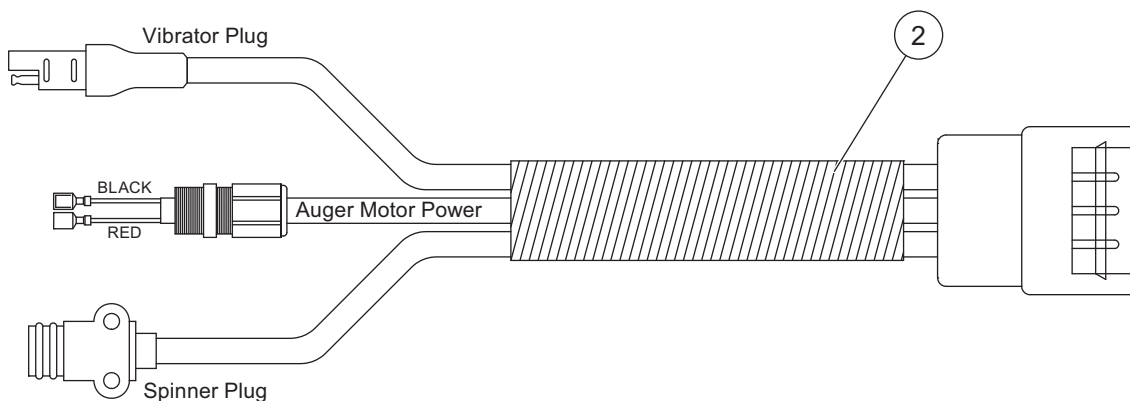
Drive Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	51024	1	0.093 x 2-3/8 Hairpin Cotter	15	51049	4	3/8-16 x 1 Serrated Flange Type F
2	91331	4	1/4-20 Hex Locknut GB	16	51050	6	1/4 x 3/4 x 1/2 Push Retainer
3	51028	1	Transmission 8:1	17	51069	1	Spinner w/Extended Shaft 12"
4	51029	1	Spinner Drive Enclosure	18	51070	1	Material Chute
5	51030	2	1/4-20 x 1/2 Serrated Flange SS	19	51072	8	5/16-18 x 1-1/2 Tapping Screw
6	51031	6	1/4-20 x 3/4 Serrated Flange SS	20	51080	1	Spinner Drive Enclosure
7	51032	1	5/16-18 x 1/2 Hex Cap Screw G5	21	51081	1	Tubular Spinner Guard
8	91332	8	5/16-18 Hex Locknut GB	22	51088	1	Bent Pin
9	51036	1	Power Cable	23	51089	1	Spinner Deflector
10	90313	4	5/16 Flat Washer	24	51091	1	Drive Enclosure Shroud
11	51039	2	#10-32 x 5/8 Serrated Flange w/Patch	25	51097	1	Auger Motor Connector
12	51040	1	3" 12 V DC Motor w/2-Pin	26	51101	1	1/2" NPT Nut Black Nylon
13	51041	1	Motor Drive Coupler	27	D6544	1	Label, Warning Rotating Parts
14	51045	1	CE Shroud	28	D6545	1	Label, Warning No Step
ns = not shown			SS = Stainless Steel			G = Grade	

# POLY-CASTER™ LT HOPPER SPREADER

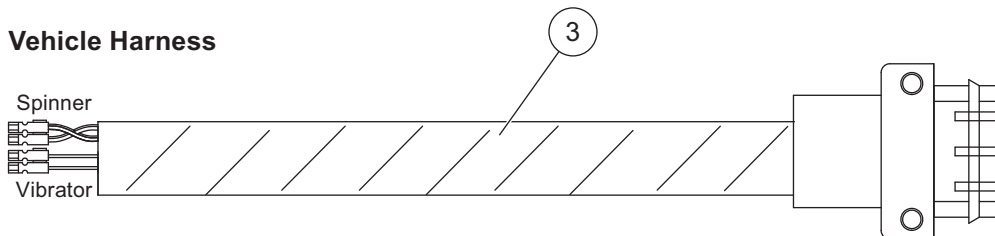
## ELECTRICAL COMPONENTS



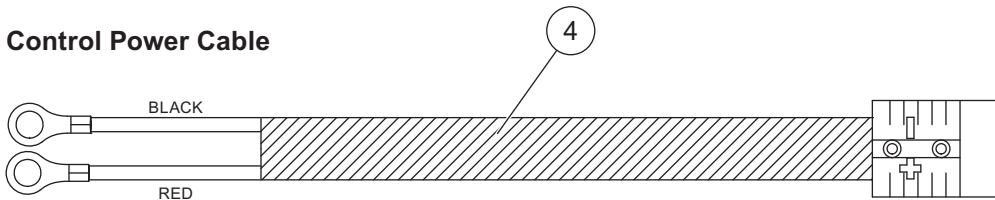
### Spreader Harness



### Vehicle Harness



### Control Power Cable





**POLY-CASTER™ LT HOPPER SPREADER**

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Electrical Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	51073	1	Spreader Control	3	51086	1	Vehicle Harness
2	51067	1	Spreader Harness	4	51105	1	Control Power Cable

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**POLY-CASTER™ LT HOPPER SPREADER**

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