



Fisher Engineering

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**99004-1, 99008-1, 99012-1
99015-1, 99018-1**

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Hopper and Drive Components

STEEL-CASTER™ Hopper Spreader

with Dual Hydraulic Drive

Parts List

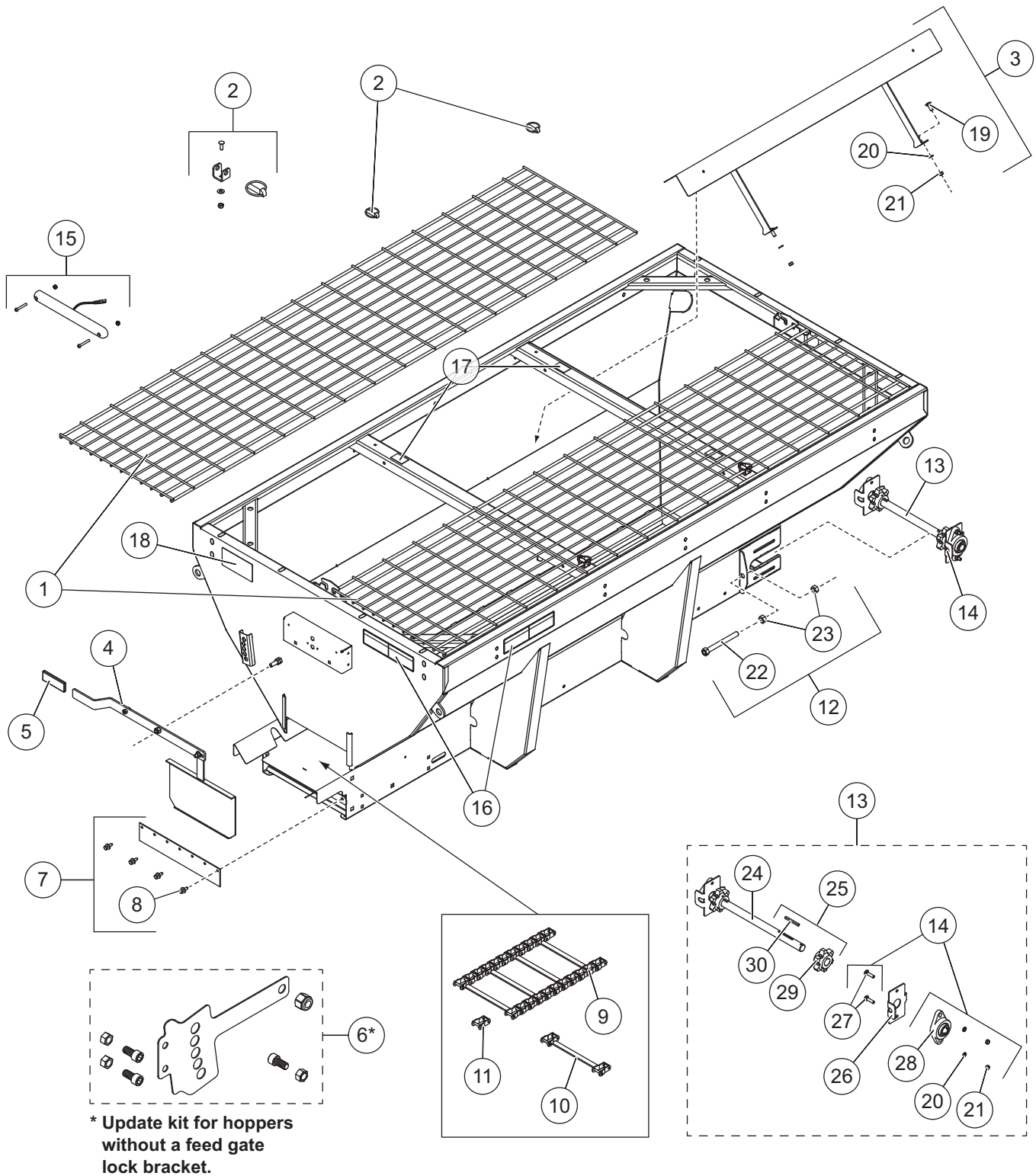


This Parts List is for FISHER® STEEL-CASTER hopper spreaders
with serial numbers beginning with 170711 and higher.

A DIVISION OF FISHER, LLC

STEEL-CASTER™ HOPPER SPREADER

HOPPER COMPONENTS



STEEL-CASTER™ HOPPER SPREADER

Hopper Components & Harnesses							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	99516	2	Top Screen – 8'	10	68492	1	Conveyor Repair Bar w/Pins & Cotters
	99517	2	Top Screen – 9' Narrow (3.0 yd ³)	11	68475	1	Conveyor Repair Link w/Pins & Cotters
	99518	2	Top Screen – 9' Wide (4.5 yd ³)	12	99073	2	Tensioner Bolt Kit
	99519	2	Top Screen – 10'	13	99480	1	Idler Shaft Assembly Kit
2	99578	1	Screen Attachment Kit (pkg of 4)	14	94953	2	Spreader Bearing Kit
3	99482	1	Inverted V Kit – 8' Hopper	15	99080	1	CHMSL Kit
	99119	1	Inverted V Kit – 9' Hopper	16	68584	2	Label – Warning/Caution, Spreaders
4	99083	1	Feed Gate Assembly	17	67272	4	Label – Caution, Do Not Lift
5	99523	1	Rubber Grip, Feed Gate Handle	18	11100	1	Label – Warning, Rear Camera
6*	90952	1	Feed Gate Update Kit	ns	68790	1	Ratchet Straps Kit (pkg of 4)
7	78266	1	Wiper Replacement Kit	ns	99736	1	Harness Assembly, CHMSL/PL, Spreader
8	99079	1	Rivet Kit, Steel Hopper Wiper (pkg of 4)	ns	99688	1	Harness Assembly, CHMSL/PL, Vehicle
9	68474	1	Pintle Chain (123 links) 9' & 10' Hoppers				
	94898	1	Pintle Chain (108 links) 8' Hopper				
Item 3 99482 (8' hopper) / 99119 (9' & 10' hoppers) Inverted V Kits							
19		6†	3/8-16 x 1 Carriage Bolt SS	21		10‡	3/8-16 Hex Nut SS
20		10‡	3/8 Lock Washer SS				
Item 12 99073 Tensioner Bolt Kit							
22		1	5/8-11 x 6 Take-Up Bolt	23		2	5/8-11 Hex Nut
Item 13 99480 Idler Shaft Assembly Kit							
14	94953	1	Spreader Bearing Kit	25	99479	2	6-Tooth Sprocket Assembly
24	94351	1	Idler Shaft	26	99765	2	Bearing Alignment Plate
Item 14 94953 Spreader Bearing Kit							
20		2	3/8 Lock Washer SS	27		2	3/8-16 x 1-1/2 Carriage Bolt SS
21		2	3/8-16 Hex Nut SS	28	94536	1	Bearing 1.125 ID 2-Bolt Flange
Item 24 99479 6-Tooth Sprocket							
29		1	Drive Sprocket 6T	30	95076	1	1/4 x 2-3/4 Machine Key
SS = Stainless Steel				ns = not shown		G = Grade	

* Update kit required when installing replacement feed gate on hoppers without an existing lock bracket.

† Qty 4 for 8' hopper.

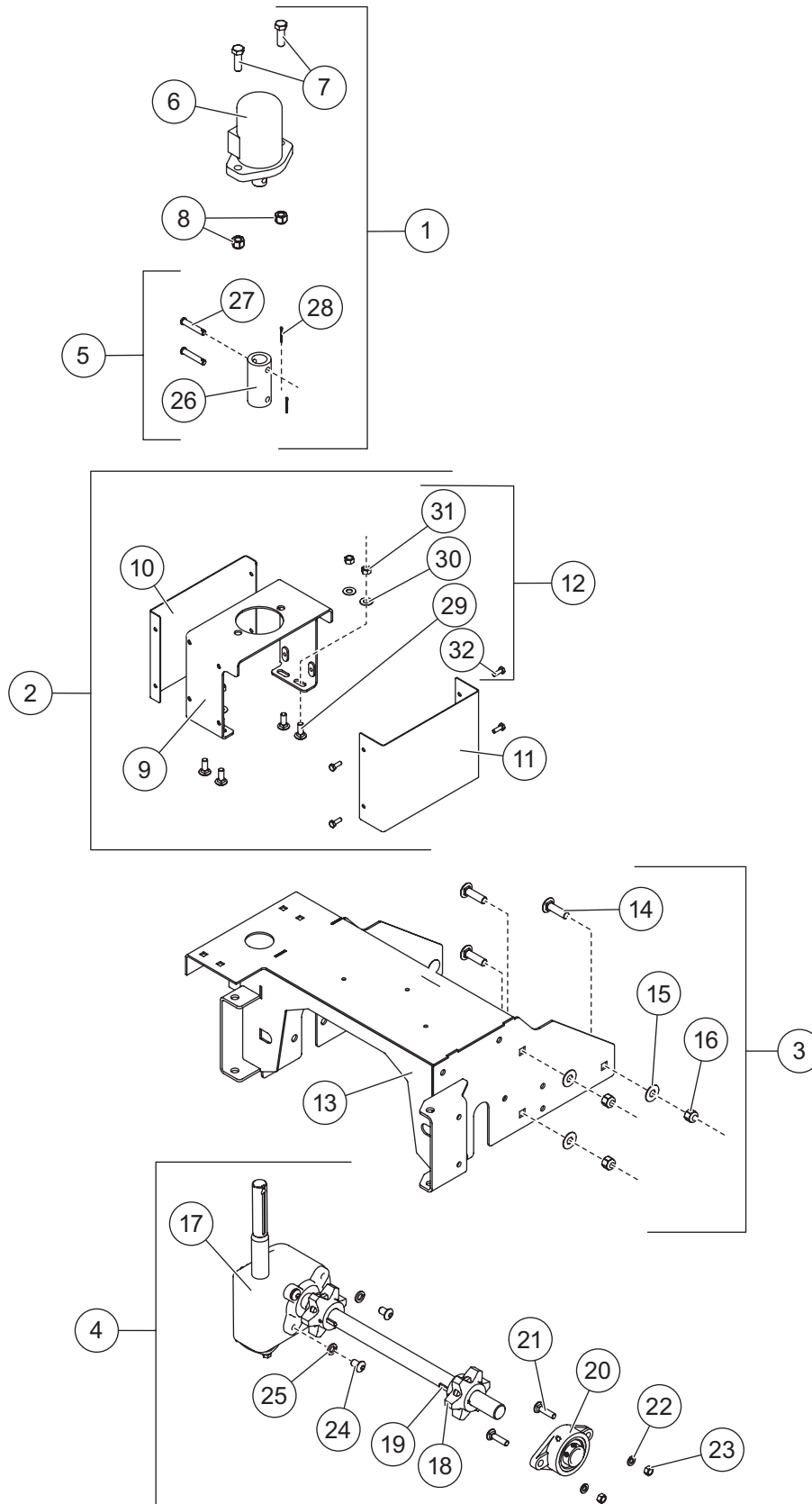
‡ Qty 8 for 8' hopper.



Label – Logo , STEEL-CASTER					
Part Qty Description			Application		
			8' (2.0 yd ³)	9' (3.0 yd ³)	10' (4.5 yd ³)
96992	2	Label – Side Logo, Small	■		■
96994	2	Label – Side Logo, Large		■	■

STEEL-CASTER™ HOPPER SPREADER

POWER GROUP – HYDRAULIC SPREADERS

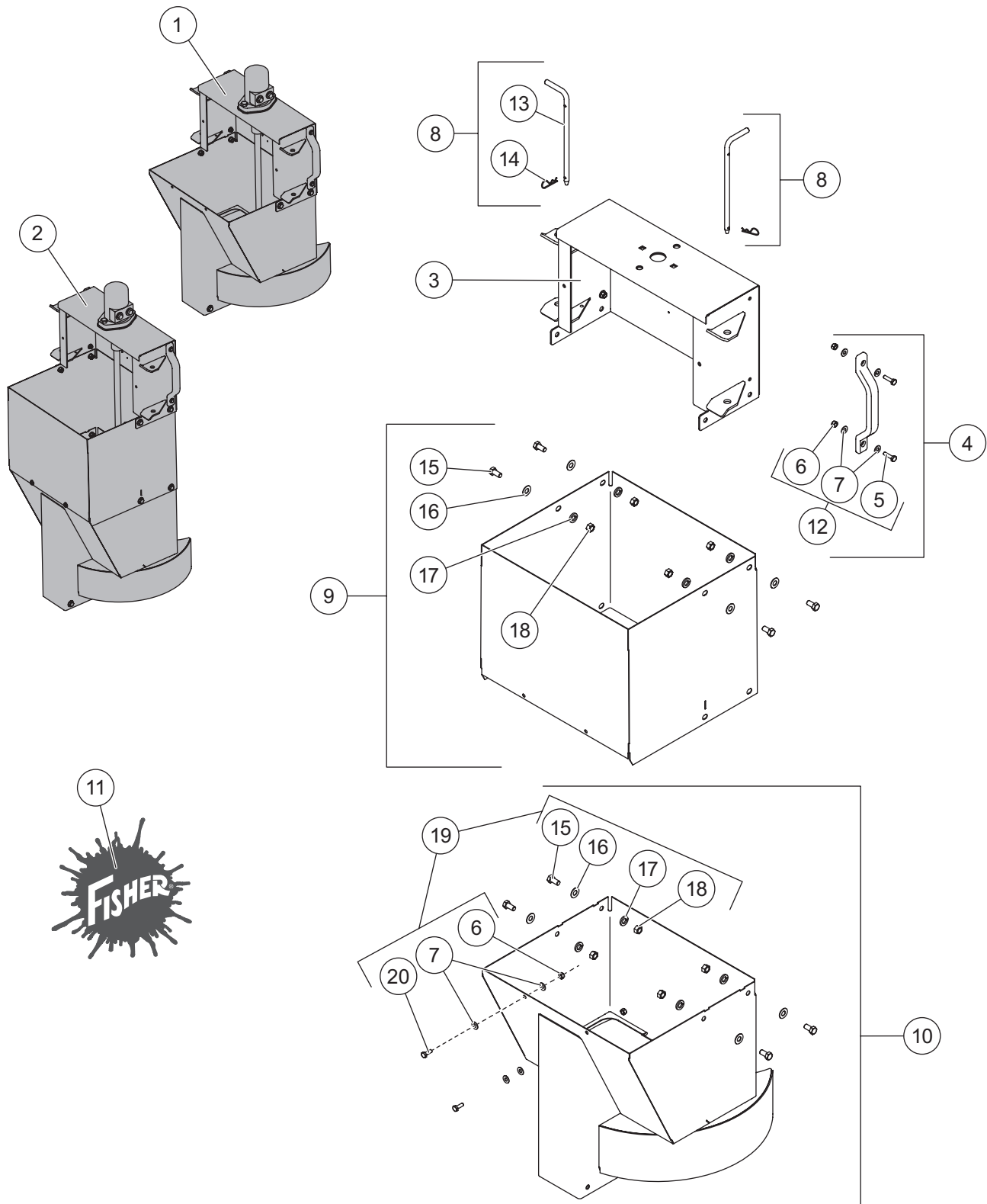


STEEL-CASTER™ HOPPER SPREADER

Power Group – Hydraulic Spreaders							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	99560	1	Hydraulic Motor Kit SH	3	96543	1	Power Group – Hydraulic
2	99558	1	Hydraulic Motor Mount Kit	4	99117	1	Gear Box Assembly
Item 1				99560 Hydraulic Motor Kit SH			
5	96399	1	0.75 to 1.0 Coupler, Service	7		2	1/2-13 x 1-1/2 Hex Cap Screw SS
6		1	Hydraulic Motor	8		2	1/2-13 Locknut SS
ns		1	Chute Motor Spacer				
Item 2				99558 Hydraulic Motor Mount Kit			
9		1	Hydraulic Motor Mount	11		1	Motor Mount Cover – PS
10		1	Motor Mount Cover – DS	12	99559	1	Bolt Bag – Hydraulic Motor Mount
Item 3				96543 Power Group – Hydraulic			
13		1	Power Group Base	15		6	1/2 Flat Washer SS
14		6	1/2-13 x 1-3/4 Carriage Bolt SS	16		6	1/2-13 Locknut SS
Item 4				99117 Gear Box Assembly			
17	95567	1	Gear Case	22		2	3/8 Lock Washer SS
18	65909	2	Drive Sprocket 6T	23		2	3/8-16 Hex Nut SS
19	95076	2	1/4 x 2-3/4 Machine Key	24		4	1/2-13 x 3/4 Button Cap Screw
20	94536	1	Bearing 1.125 ID 2-Bolt Flange				Hex Socket
21		2	3/8-16 x 1-1/2 Carriage Bolt SS	25		4	1/2 Lock Washer SS
Item 5				96399 0.75 to 1.0 Coupler, Service			
26		1	0.75 to 1.0 Coupler, Painted	28	91901	2	1/8 x 3/4 Cotter Pin
27	67147	2	3/8 x 2 Clevis Pin HT G5				
Item 12				99559 Bolt Bag – Hydraulic Motor Mount			
29		4	3/8-16 x 1 Carriage Bolt SS	31		4	3/8-16 Locknut GB
30		4	3/8 Flat Washer SS	32		8	1/4-20 x 3/4 Hex Cap Screw SS
SS = Stainless Steel				ns = not shown			
				G = Grade			
				HT = Heat Treated			

STEEL-CASTER™ HOPPER SPREADER

CHUTE ASSEMBLY



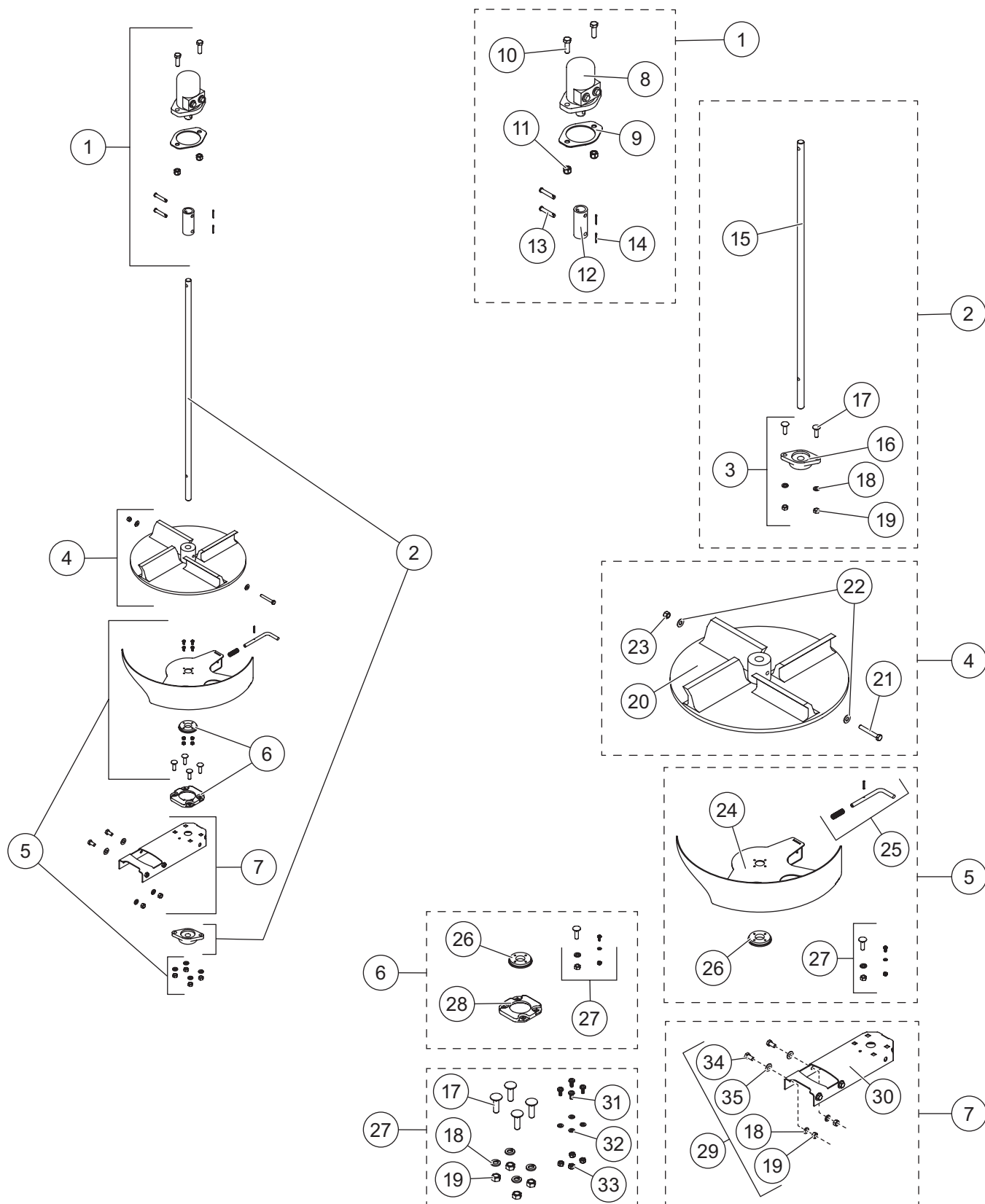
STEEL-CASTER™ HOPPER SPREADER

Chute Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	99563	1	Short Chute Assembly – Complete*	7		4	1/4 Flat Washer SS
2	99564	1	Long Chute Assembly – Complete*	8	99742	1	Chute Attachment Kit (both sides)
3	96385	1	Chute Upper Section	9	99531	1	Chute Middle Section Kit
4	99098	2	Handle Kit	10	99554	1	Chute Lower Section Kit
5		2	1/4-20 x 1-1/4 Hex Cap Screw SS	11	96991	1	Label – Logo, FISHER® 9.67 x 8.85
6		2	1/4-20 Locknut GB SS				
Item 4 99098 Handle Kit							
		1	Handle	12	99099	1	Bolt Bag – Handle Kit
Item 8 99742 Chute Attachment Kit							
13		1	3/8 x 8-1/4 Chute Pin	14		1	3/32 x 2-1/4 Cotter Pin
Item 9 99531 Chute Middle Section Kit							
		1	Gas Chute Extension	17		4	3/8 Lock Washer SS
15		4	3/8-16 x 3/4 Hex Cap Screw SS	18		4	3/8-16 Hex Nut SS
16		4	3/8 Flat Washer SS				
Item 10 99554 Chute Lower Section Kit							
		1	Chute Body	19	99557	1	Bolt Bag – Lower Chute Kit
Item 12 99099 Bolt Bag – Handle Kit							
5		2	1/4-20 x 1-1/4 Hex Cap Screw SS	7		4	1/4 Flat Washer SS
6		2	1/4-20 Locknut GB SS				
Item 19 99557 Bolt Bag – Lower Chute Kit							
6		2	1/4-20 Locknut GB SS	17		4	3/8 Lock Washer SS
7		4	1/4 Flat Washer SS	18		4	3/8-16 Hex Nut SS
15		4	3/8-16 x 3/4 Hex Cap Screw SS	20		2	1/4-20 x 3/4 Hex Cap Screw SS
16		4	3/8 Flat Washer SS				
SS = Stainless Steel				G = Grade			

* Includes spinner and shutter assemblies shown on following page. Logo label (item 11) not included.

STEEL-CASTER™ HOPPER SPREADER

SPINNER & SHUTTER ASSEMBLIES



STEEL-CASTER™ HOPPER SPREADER

Spinner Shaft, Spinner & Shutter Assemblies							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	99560	1	Hydraulic Motor Kit SH	4	99485	1	Poly Spinner Kit
2	99561	1	Long Spinner Shaft & Bearing Kit	5	99135	1	Shutter Replacement Kit
ns	99562	1	Short Spinner Shaft & Bearing Kit	6	96504	1	Chute Shutter Bearing Kit
3	96501	1	Bearing Kit	7	96392	1	Shutter Bearing Support Kit
Item 1 99560 Hydraulic Motor Kit SH							
8		1	Hydraulic Motor	12		1	.75 to 1.0 Coupler, Painted
9		1	Chute Motor Spacer	13		2	3/8 x 2 Clevis Pin HT G5
10		2	1/2-13 x 1-1/2 Hex Cap Screw SS	14		2	1/8 x 3/4 Cotter Pin
11		2	1/2-13 Locknut SS				
Item 2 99561 Long Spinner Shaft & Bearing Kit							
3	96501	1	Bearing Kit	15		1	Spinner Shaft – Long, Hydraulic (36")
Item 3 96501 Bearing Kit							
16	96167	1	Pillow Block Bearing 3/4 Bore	18		2	3/8 Lock Washer SS
17		2	3/8-16 x 1-1/4 Carriage Bolt	19		2	3/8-16 Hex Nut SS
Item 4 99485 Poly Spinner Kit							
20		1	Spinner, Black Poly – CW Rotation	22		2	5/16 Flat Washer SS
21		1	5/16-18 x 2-1/4 Hex Cap Screw SS	23		1	5/16-18 Locknut GB SS
Item 5 99135 Shutter Replacement Kit							
24		1	Chute Shutter	26		1	Chute Shutter Bearing – Inner
25	96505	1	Shutter Lock Pin Kit	27	99615	1	Bolt Bag – Shutter
Item 6 96504 Chute Shutter Bearing Kit							
26		1	Chute Shutter Bearing – Inner	28		1	Chute Shutter Bearing – Outer
27	99615	1	Bolt Bag – Shutter				
Item 7 96392 Shutter Bearing Support Kit							
29	96529	1	Bolt Bag – Shutter Bearing Support Kit	30		1	Chute Lower Bearing Support
Item 27 99615 Bolt Bag – Shutter							
17		4	3/8-16 x 1-1/4 Carriage Bolt	31		4	#10-32 x 1/2 #2 Pan-Head Screw SS
18		4	3/8 Lock Washer SS	32		4	#10 Flat Washer SS
19		4	3/8-16 Hex Nut SS	33		4	#10-32 Locknut GB
Item 29 96529 Bolt Bag – Shutter Bearing Support Kit							
18		4	3/8 Lock Washer SS	34		4	3/8-16 x 3/4 Hex Cap Screw SS
19		4	3/8-16 Hex Nut SS	35		4	3/8 Flat Washer SS
99562 Short Spinner Shaft & Bearing Kit							
3	96501	1	Bearing Kit	ns		1	Spinner Shaft – Short, Hydraulic (24")
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						HT = Heat Treated	

STEEL-CASTER™ HOPPER SPREADER

ACCESSORIES

Accessory Kits			
Part	Description	Part	Description
99698	Chute Extension Kit w/Long Spinner Shaft, Hydraulic	99732-1*	Secondary Work Light Kit
99561	Long Spinner Shaft & Bearing Kit	99494*	Strobe Light Kit
99562	Short Spinner Shaft & Bearing Kit	76668*	Vibrator Kit
99627	Accessory Enclosure & Harness Kit, Hydraulic	99488	Hopper Side Extension Kit
99686*	License Plate Light Kit	92532	Truck Mount Kit, 2 Bars – 8' Hopper
99505-1*	Primary Work Light Kit	92533	Truck Mount Kit, 3 Bars – 9' & 10' Hoppers
		99690	Tie-Down Kit SH Chain
		95245	Dual-Flow Control Valve

* Requires installation of the 99627 Accessory Enclosure & Harness Kit, Hydraulic.

Pre-Wet Kits			
Part	Description	Part	Description
76400	Standard Pump Kit, On-Off System	76425	50-Gallon Tank Kit (2 x 25 gal)
76420	Deluxe Pump Kit, Full-Feature System	76450	100-Gallon Tank Kit (2 x 50 gal)
76405	Pre-Wet Pump Switch Kit		

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