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# Parts Catalog

## RapidSeed 430

Model No. 46435—Serial No. 321000001 and Up



# Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

## Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

## Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

## Reference Numbers Indicating Quantity

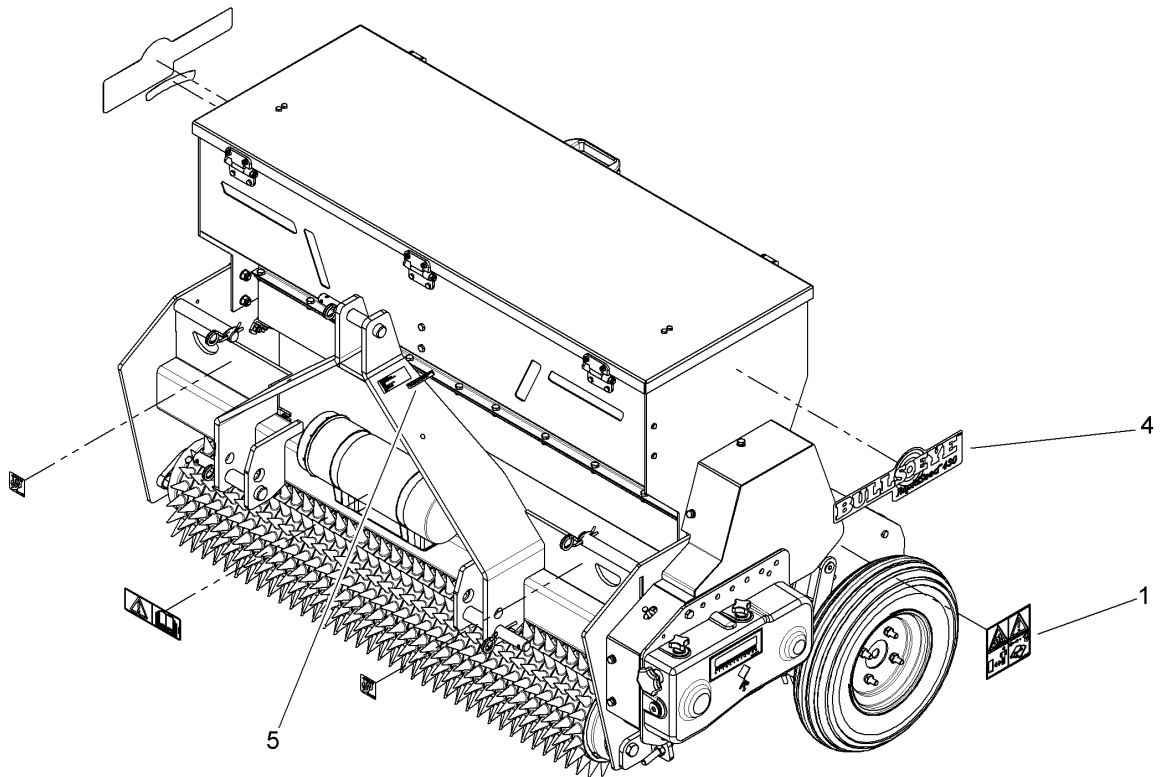
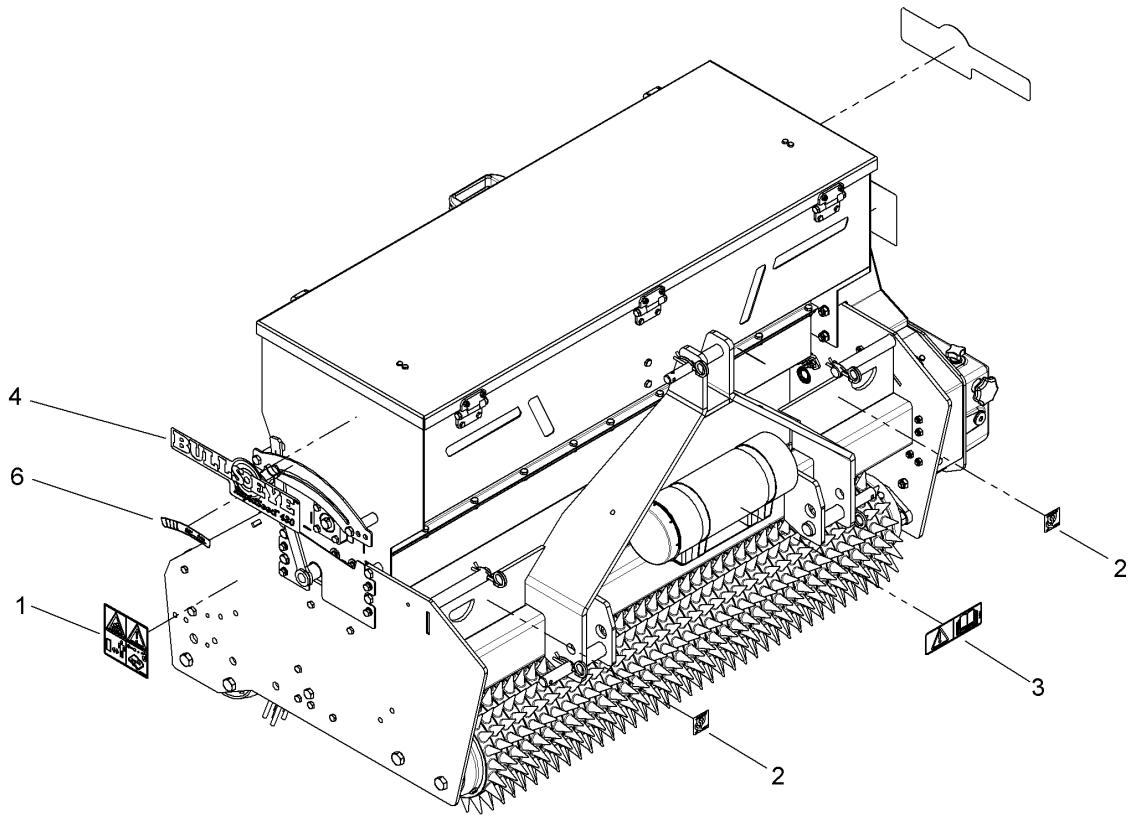
In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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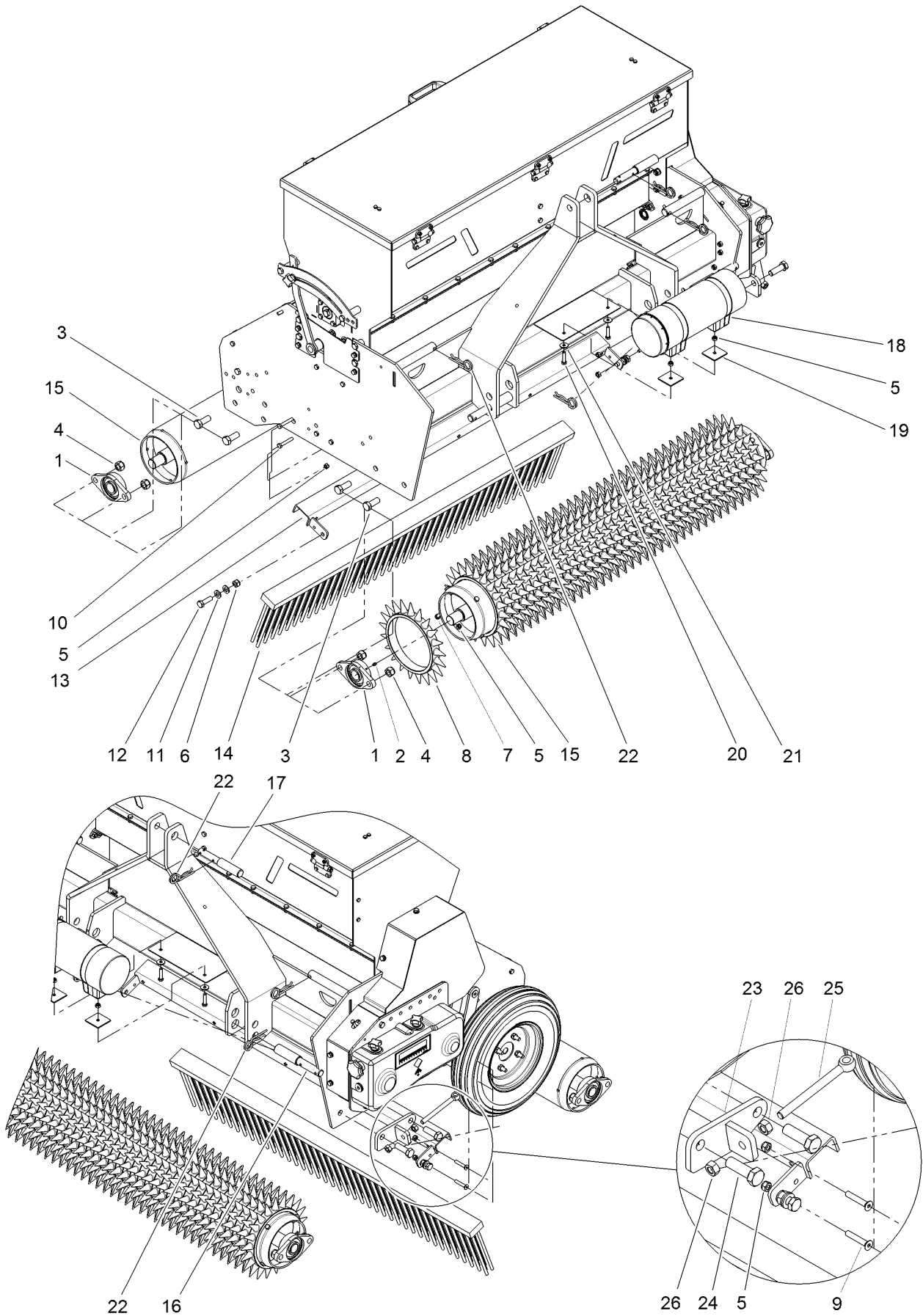
# Decals Assembly



## Decals Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-8257	2	Decal-Safety Vs	4	136-3671	2	Decal-Rapidseed 430
2	144-8553	2	Decal Fixation Point	5	133-8061	1	Decal-Warning
3	105-0698	1	Decal-Caution	6	144-8554	1	Decal Adjustment Valve

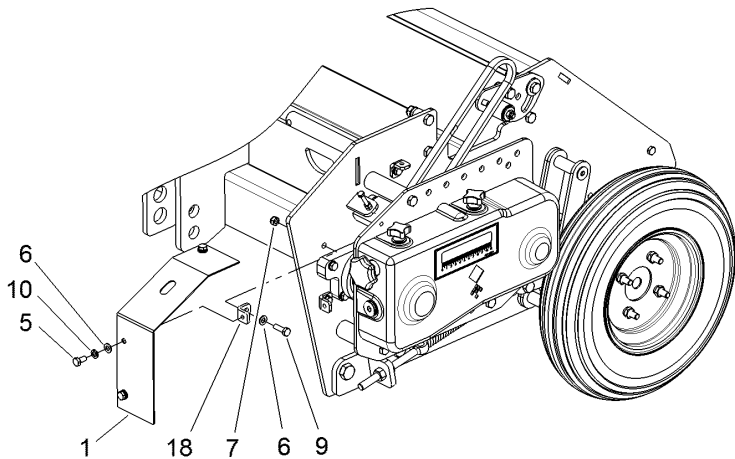
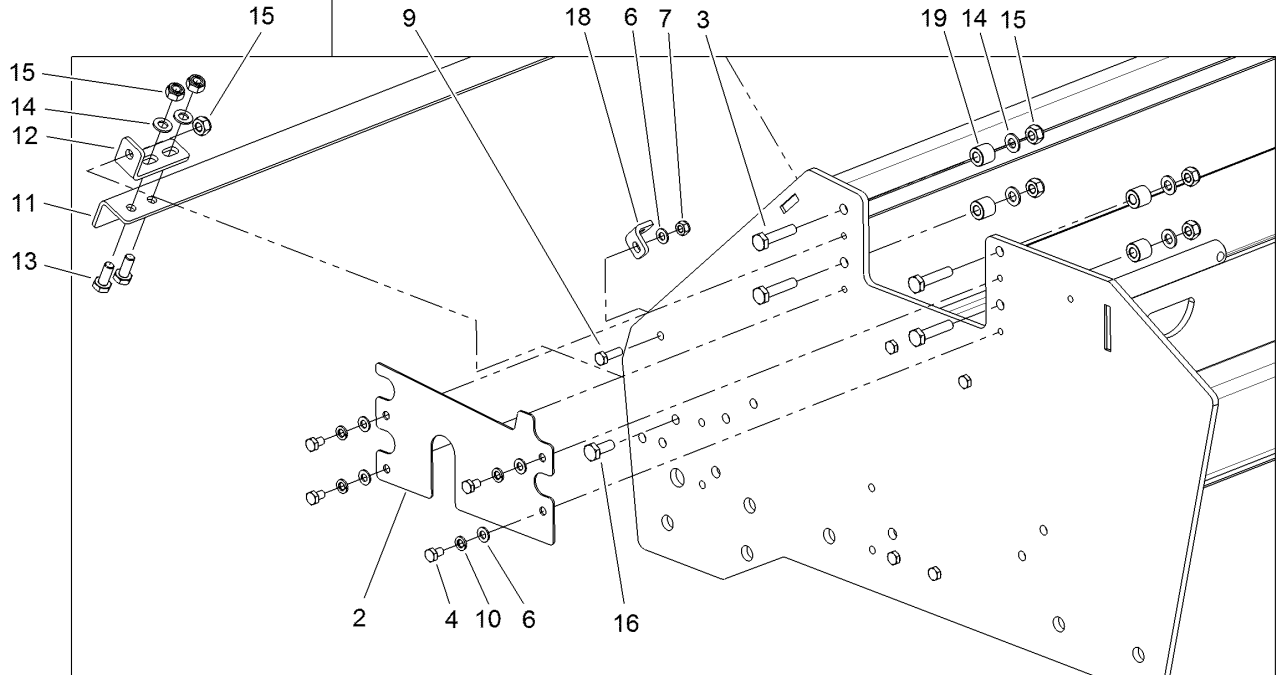
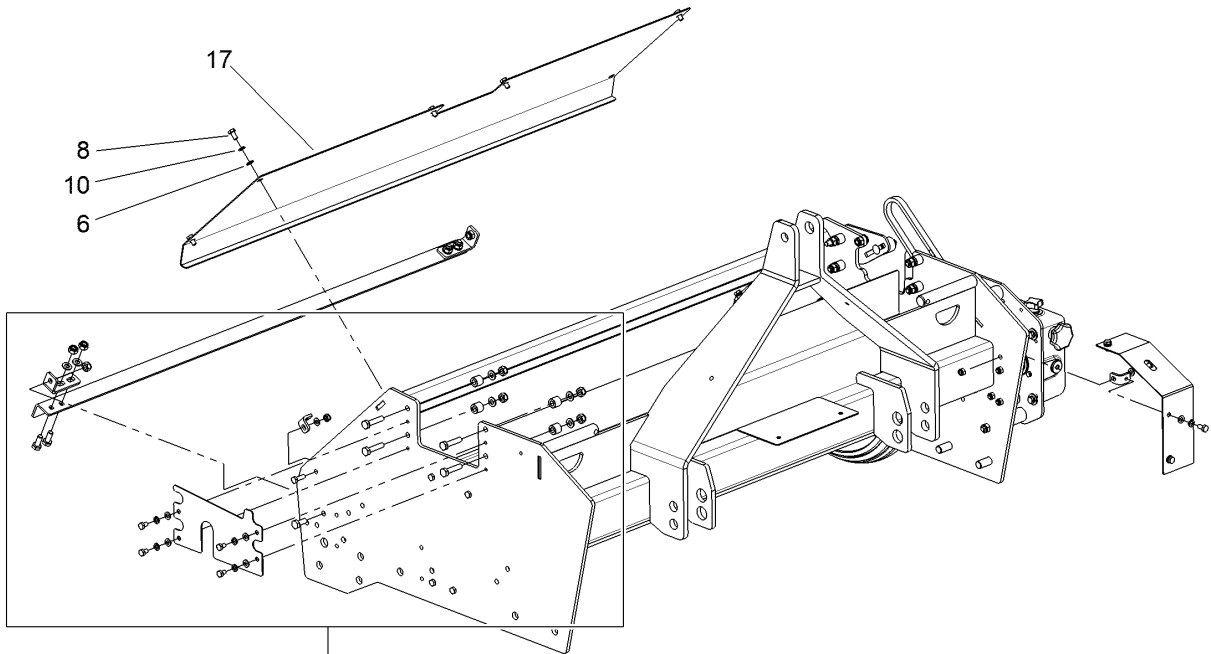
# Rollers and Brush Assembly



## Rollers and Brush Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-7708	4	Bearing Ucfl 206	13	144-8742	1	Weld ASM U-Channel Brush
2	144-7961	4	Grease Nipple M6 Din 71412A	14	144-8743	1	Rear Lag Brush
3	144-8141	6	Bolt M16 X 40 - ISO 4017	15	144-8744	1	Back Roller
4	144-7951	8	Nut, Self Lock M16 10.9 - ISO 10511	16	144-7709	2	Pin, Three Point
5	144-7944	14	Self Lock Nut M8 - ISO 10511	17	144-7711	1	Toplink Pin
6	144-7705	2	Nut, Self Locking - M 12	18	144-8128	1	Toolbox Complete
7	144-7945	8	Bolt M8 X 20 - ISO 4017	19	144-8129	2	Toolbox Contraplate
8	144-7730	37	Spikes	20	144-8130	2	Bolt M8 X 35 - ISO 4017
9	144-8741	2	Bolt M8 X 45 Din 7991	21	144-8013	2	Washer-Large M8 - Din 9021
10	144-8632	2	Bolt M8 X 50 - ISO 4017	22	144-7710	5	R Clip
11	144-7922	4	Washer M12 - ISO 7089	23	144-8745	1	Bracket Spring Tensioner
12	144-8215	2	Bolt M12 X 40 - ISO 4017	24	144-7989	2	Bolt M16 X 50 - ISO 4017
				25	144-8628	1	Eye Bolt M12X140
				26	144-8245	2	Nut M12 - Din 934

# Covers Assembly

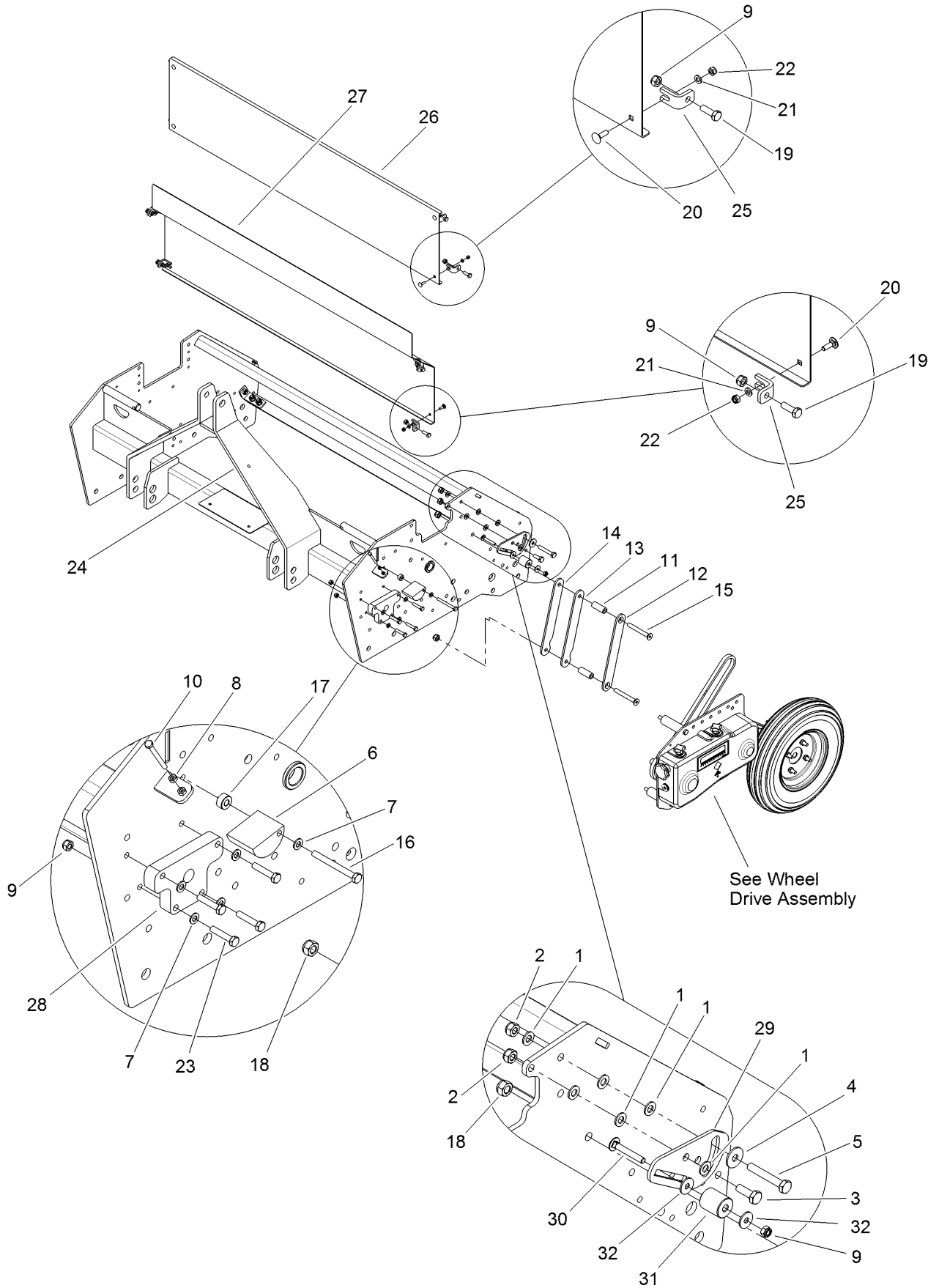




## Covers Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-7900	1	Cover	10	144-7930	13	Spring Washer M8 - Din 127
2	144-7833	1	Side Cover Plate	11	144-8747	1	Scraper
3	144-8025	8	Bolt M10 X 45 - ISO 4017	12	144-8748	2	Bracket Scraper
4	144-8746	4	Bolt M8 X 12 - ISO 4017	13	144-7920	4	Bolt M10 X 25 - ISO 4017
5	144-7931	3	Bolt M8 X 16 - ISO 4017	14	144-7939	12	Washer M10 - ISO 7089
6	144-7929	18	Washer M8 - ISO 7089	15	144-7717	14	Nut, Self Locking - M 10
7	144-7944	5	Self Lock Nut M8 - ISO 10511	16	144-7920	2	Bolt M10 X 25 - ISO 4017
8	144-7931	6	Bolt M8 X 16 - ISO 4017	17	144-7903	1	Cover
9	144-8014	5	Bolt M8 X 25 - ISO 4017	18	144-8604	5	Cover Mounting Bracket
				19	144-8569	8	Distance Bushing

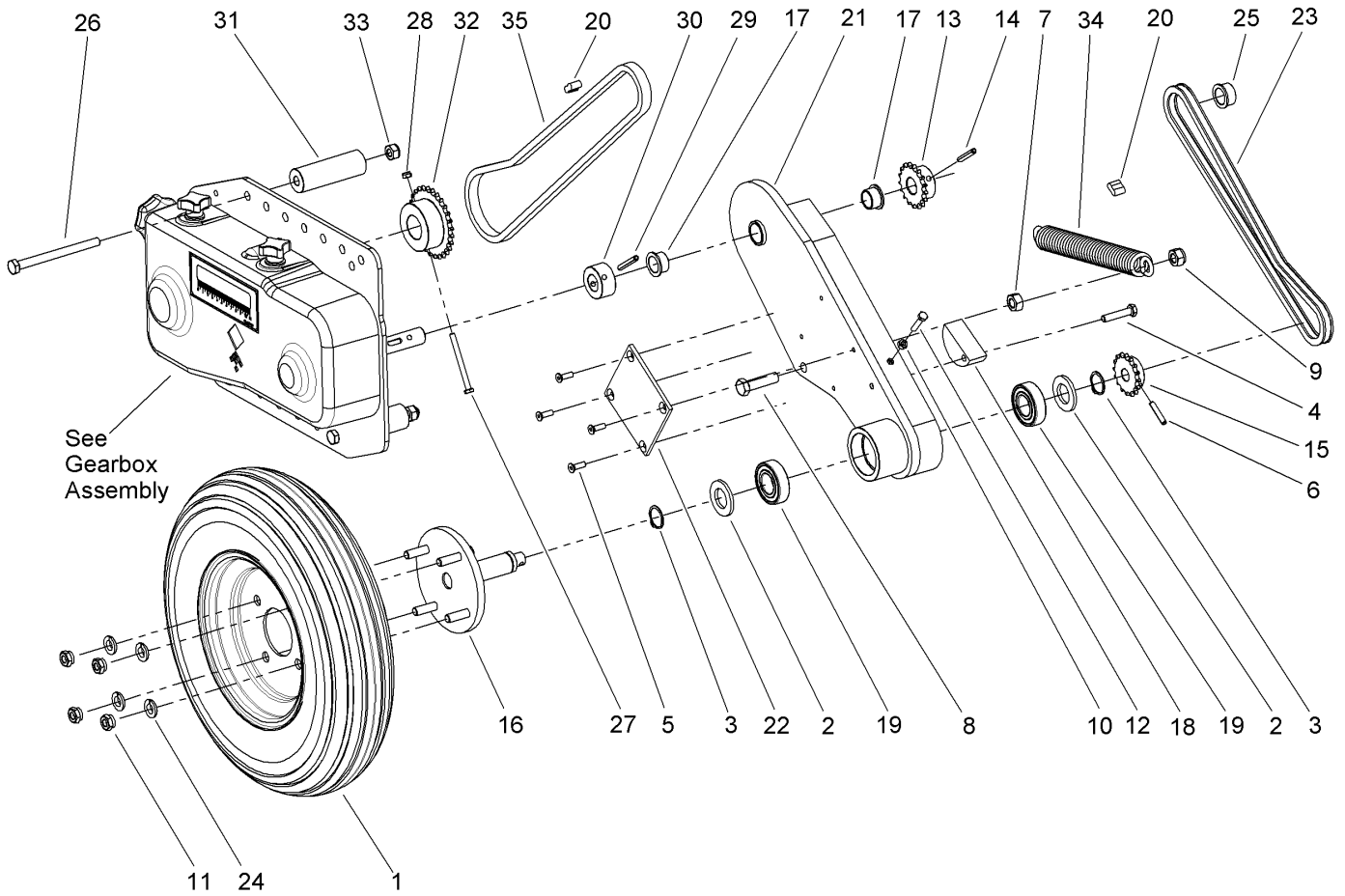
# Seed Guide Assembly



## Seed Guide Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-7939	6	Washer M10 - ISO 7089	17	144-8655	1	Distance Bushing
2	144-7717	2	Nut, Self Locking - M 10	18	144-7705	2	Nut, Self Locking - M 12
3	144-7768	1	Bolt M 10 X 30	19	144-8014	8	Bolt M8 X 25 - ISO 4017
4	144-7946	1	Large Washer M10 - Din 9021	20	144-8752	8	Mh Bolt M6 X 20 ISO 8677
5	144-8340	1	Bolt M10 X 65 - ISO 4014	21	144-8251	8	Washer M6 - ISO 7089
6	144-8654	1	Chain Tensioner	22	144-7940	8	Self Lock Nut M6 - ISO 10511
7	144-7929	5	Washer M8 - ISO 7089	23	144-7943	4	Bolt M8 X 40 - ISO 4017
8	144-8485	1	Nut M6 - Din 934	24	144-8753	1	Base Frame Bullseye
9	144-7944	13	Self Lock Nut M8 - ISO 10511	25	144-8754	8	Cover Mounting Bracket
10	144-8749	1	ISO 4017 - M6 X 60-C	26	144-7836	1	Seed Guide Plate Front
11	144-8750	2	Block Bushing Swing Arm	27	144-7838	1	Seed Guide Plate Front
12	144-7832	1	Guide Swing Arm	28	144-8755	1	Bearing Plate
13	144-8751	1	Guide Swing Arm	29	144-8616	1	Spanner Plate
14	144-7901	1	Spacer	30	144-8756	1	Mushroom Head Bolt M8X55
15	144-8630	2	Csk Screw M12 X 100 - Din 7991	31	144-8617	1	Spanner Roll
16	144-8269	1	Bolt M8 X 80 - ISO 4014	32	144-8013	2	Washer-Large M8 - Din 9021

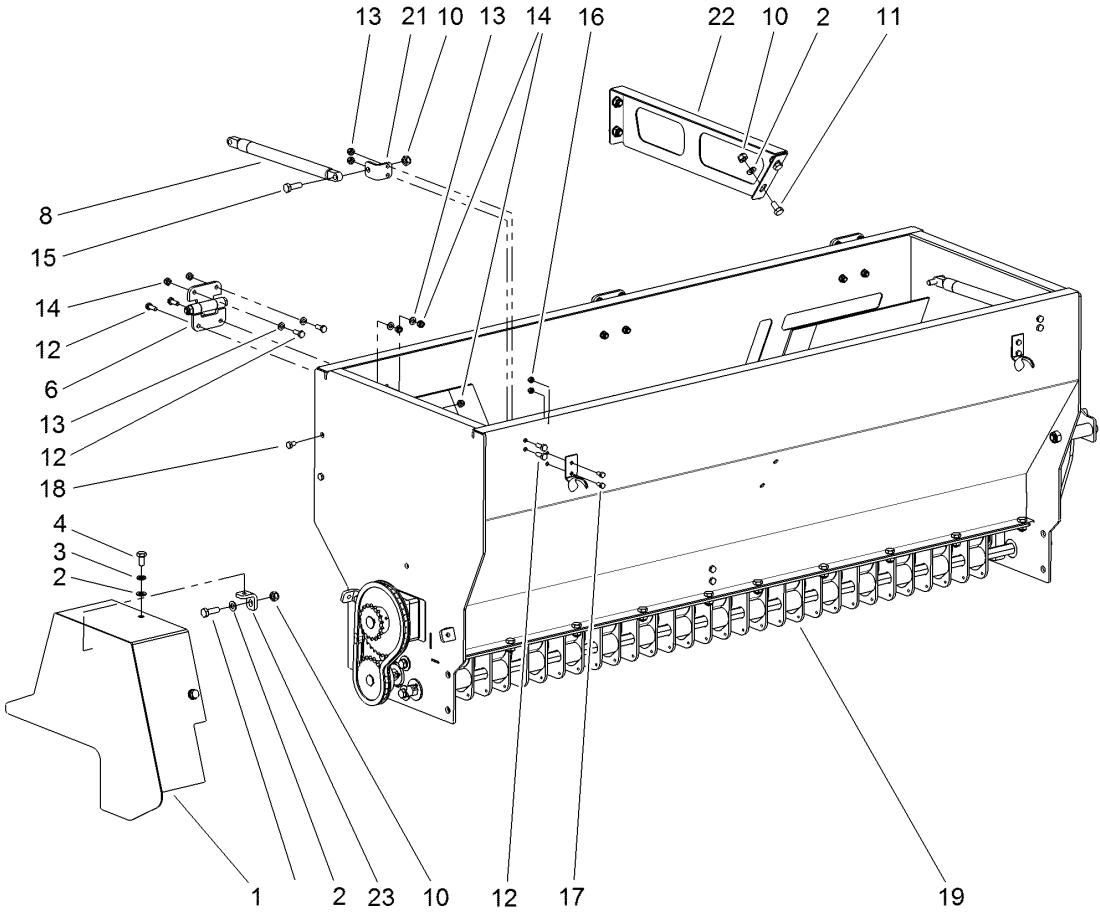
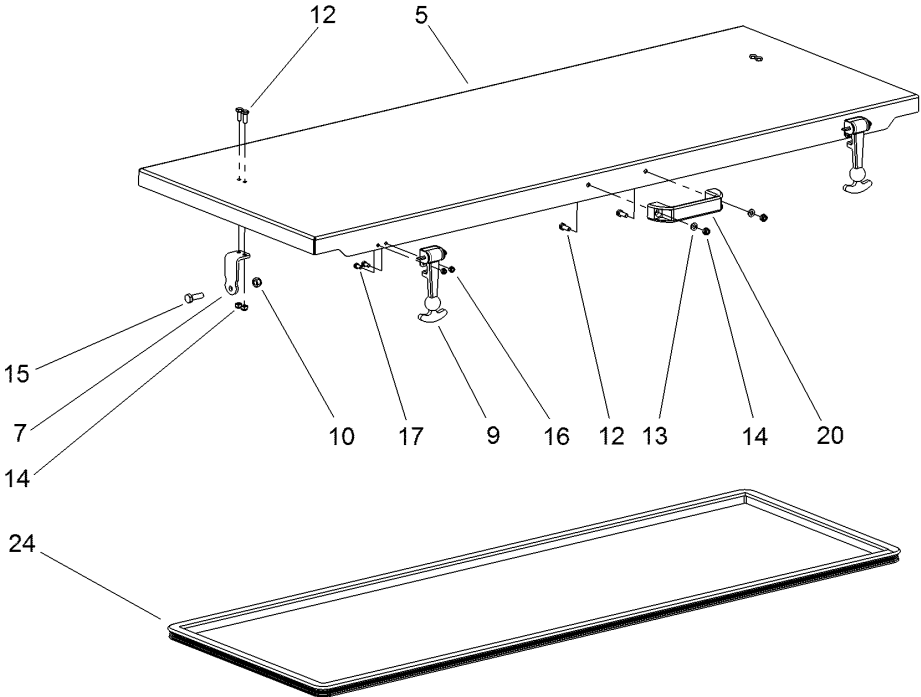
# Wheel Drive Assembly



## Wheel Drive Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-8635	1	Wheel Complete 4.00-8/4Pr	20	144-8555	2	Chain Connector 3_8 Inch 6B
2	144-8365	2	Washer M24 - ISO 7089	21	144-7904	1	Frame Swingarm
3	144-8636	2	Circlip D=25 - Din 471	22	144-8646	1	Guide Plate Swingarm
4	144-8063	1	Bolt M8 X 40 - ISO 4014	23	144-8762	1	Chain 3/8" Simplex L=817
5	144-8637	4	Bolt M6 X 20 - Din 7991	24	144-8998	4	Conical Spring Washer
6	144-8757	1	Roll Pin 6 X 32 - ISO 8752	25	144-8652	1	Bearing Bushing Gearaxle
7	144-8245	1	Nut M12 - Din 934	26	144-8136	3	Bolt M10 X 120 - ISO 4014
8	144-7722	1	Bolt M 12X45	27	144-8763	1	Bolt M6 X 70 - ISO 4014
9	144-7705	1	Nut, Self Locking - M 12	28	144-7940	1	Self Lock Nut M6 - ISO 10511
10	144-8485	1	Nut M6 - Din 934	29	144-8631	1	Roll Pin 6 X 45 - ISO 8752
11	144-8638	4	Wheel Nut M10X1.25	30	144-8656	1	Magnet Bushing
12	144-8194	1	Bolt M6 X 30 - ISO 4017	31	144-8648	3	Spacer
13	144-8758	1	Sprocket 3/8" (06B) Simplex 17Z	32	144-8764	1	Sprocket 3/8" (06B) Simplex 28Z Ø30
14	144-8759	1	Roll Pin 6 X 40 - ISO 8752	33	144-7717	3	Nut, Self Locking - M 10
15	144-8760	1	Sprocket 3/8" (06B) Simplex 16Z	34	144-8647	1	Spring Wheelaxle
16	144-8642	1	Wheel Hub	35	144-8765	1	Chain 3/8X7/32", L=1028.7MM
17	144-8643	2	Bearing Bushing Swingarm				
18	144-8761	1	Chain Tensioner				
19	144-8645	2	Bearing 6205-Llu				

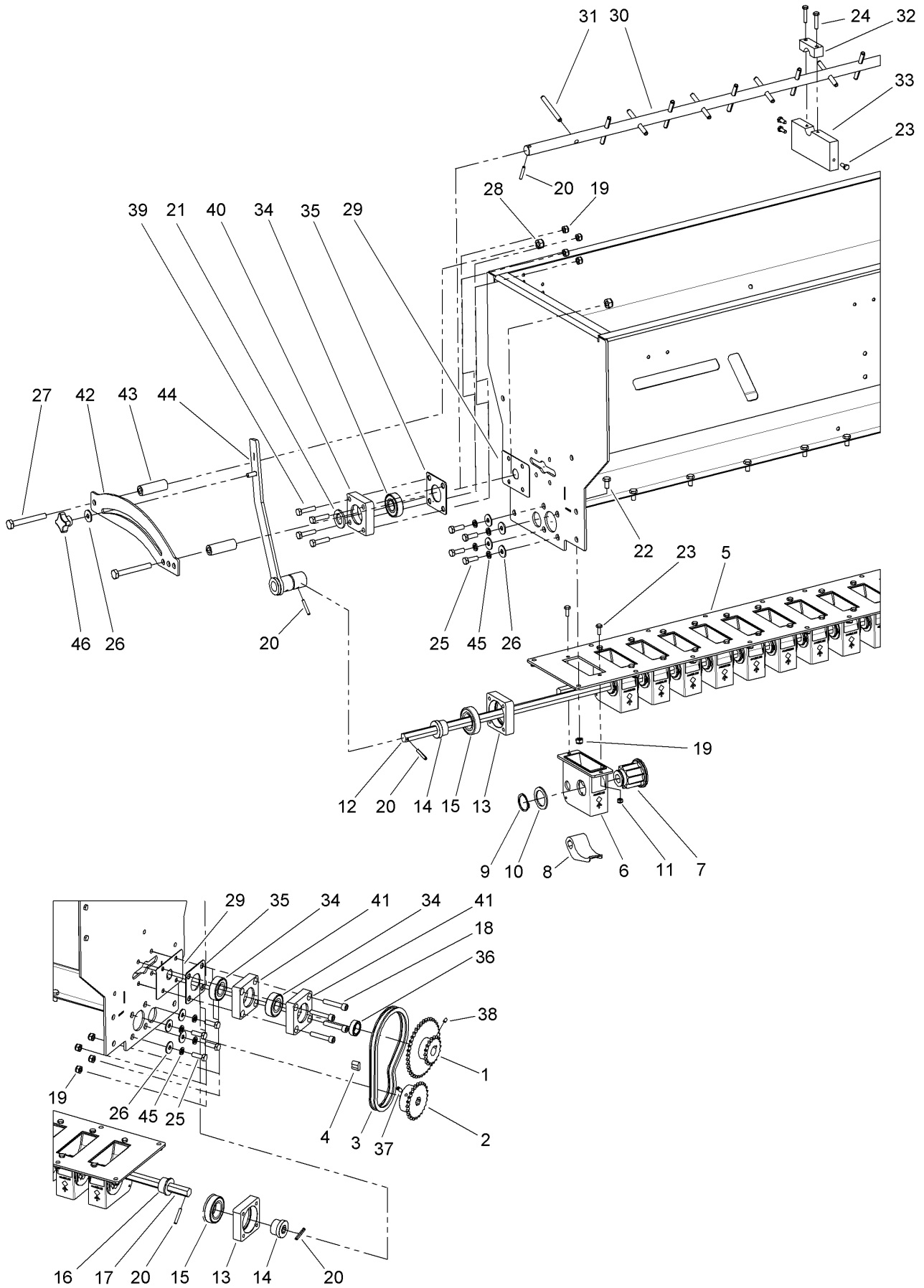
# Hopper Assembly



## Hopper Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-7839	1	Cover	13	144-8251	8	Washer M6 - ISO 7089
2	144-7929	10	Washer M8 - ISO 7089	14	144-7940	24	Self Lock Nut M6 - ISO 10511
3	144-7930	3	Spring Washer M8 - Din 127	15	144-8014	7	Bolt M8 X 25 - ISO 4017
4	144-7931	3	Bolt M8 X 16 - ISO 4017	16	144-8378	8	Self Lock Nut M5 - ISO 10511
5	144-8766	1	Top Cover Bullseye	17	144-8563	8	Bolt M5 X 10 - ISO 4017
6	144-8573	3	Hinge	18	144-8193	2	Bolt M6 X 12 - ISO 4017
7	144-8574	2	Support L=65MM	19	144-8768	1	Hopper Bullseye
8	144-8767	2	Gas Strut Stroke=160, F=150N	20	144-7926	1	Handle
9	144-8373	2	Rubber Lock ASM	21	144-8577	2	Support L=30MM
10	144-7944	11	Self Lock Nut M8 - ISO 10511	22	144-8769	1	Center Plate Bullseye
11	144-7931	4	Bolt M8 X 16 - ISO 4017	23	144-8604	3	Cover Mounting Bracket
12	144-8159	22	Bolt M6 X 16 - ISO 4017	24	144-8770	1	Glass Rubber Bullseye

# Seed Element Assembly

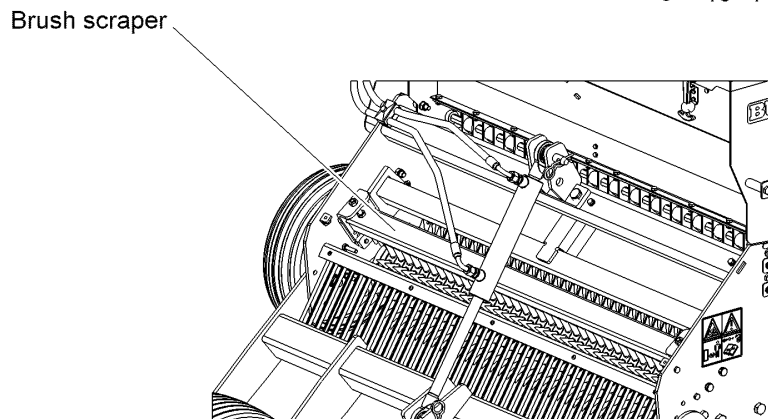
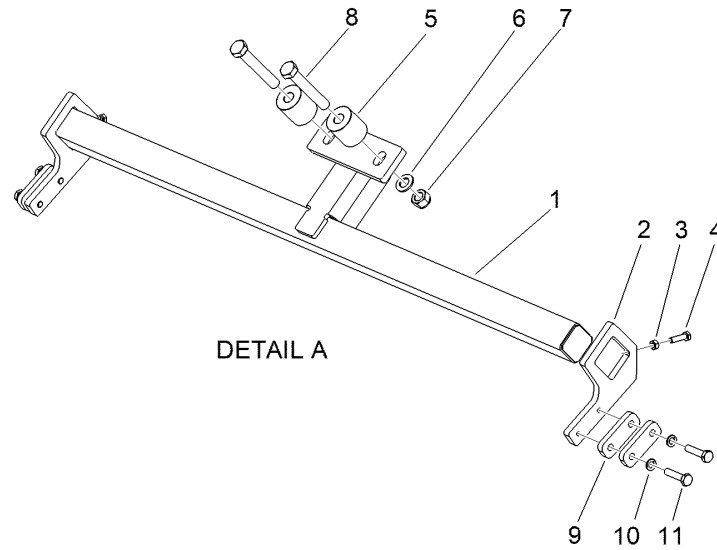
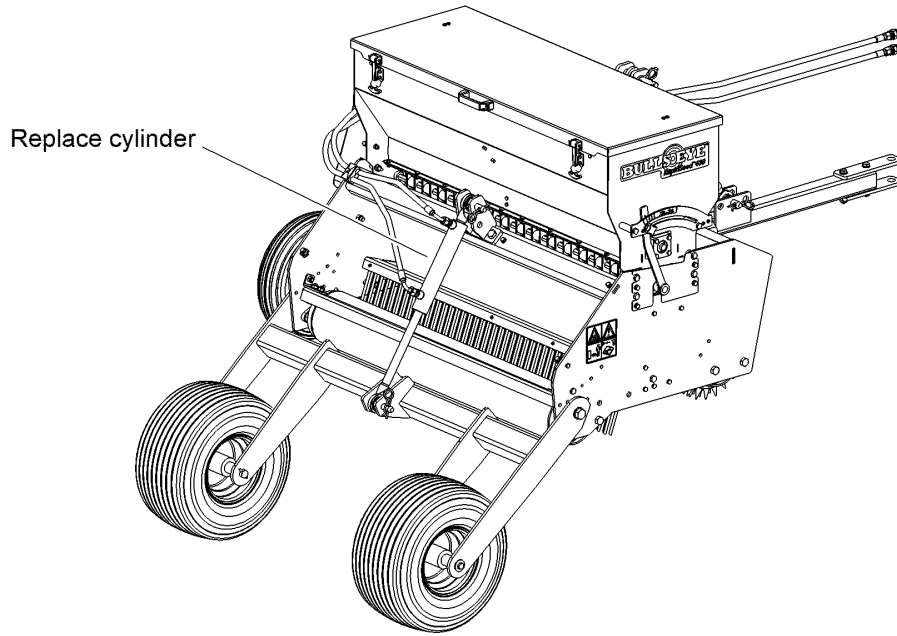




## Seed Element Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-8582	1	Weldment Sprocket	24	144-8194	2	Bolt M6 X 30 - ISO 4017
2	144-8580	1	Sprocket 3/8"	25	144-8014	8	Bolt M8 X 25 - ISO 4017
3	144-8581	1	Chain 3/8X7/32", L=524	26	144-8013	9	Washer-Large M8 - Din 9021
4	144-8555	1	Chain Connector 3_8 Inch 6B	27	144-8777	2	Bolt M10 X 80 - ISO 4017
5	144-8771	1	Plate	28	144-7717	2	Nut, Self Locking - M 10
6	144-7725	15	Seed Element Casing	29	144-8585	2	Cover Plate
7	144-7726	15	Seed Element Rotor	30	144-8778	1	Agitator Shaft Complete With Roll Pins
8	144-7727	15	Seed Element Valve	31	144-8588	15	Roll Pin 8 X 70 - ISO 8752
9	144-7729	15	Circlip	32	144-8594	1	Guide Block Support
10	144-7728	15	Washer	33	144-8779	1	Guide Lock Block
11	144-7940	30	Self Lock Nut M6 - ISO 10511	34	144-8589	3	Bearing 6204-C-2Hrs
12	144-8772	1	Shaft	35	144-8780	2	Cover Plate
13	144-8592	2	Bearing Block	36	144-8781	1	Distance Bushing
14	144-8773	2	Bushing	37	144-8137	1	Set Screw M6 X 16 Din 913
15	144-8147	2	Bearing 6006-Llu	38	144-8214	1	Set Screw M5 X 8 - Din 913
16	144-8593	1	Bushing	39	144-8130	4	Bolt M8 X 35 - ISO 4017
17	144-8774	1	Shaft	40	144-8586	1	Bearing Block
18	144-8775	4	Bolt M8 X 45 - Din 912	41	144-8782	2	Bearing Block
19	144-7944	28	Self Lock Nut M8 - ISO 10511	42	144-8598	1	Guide Strip
20	144-8776	5	Roll Pin Ø5X32	43	144-8783	2	Distance Bushing Ø20/Ø10.5 L=60
21	144-7991	1	Washer M20 - ISO 7089	44	144-8597	1	Valve Adjustment
22	144-7931	20	Bolt M8 X 16 - ISO 4017	45	144-7930	8	Spring Washer M8 - Din 127
23	144-8159	33	Bolt M6 X 16 - ISO 4017	46	144-8601	1	Closed Knob M8 - Din 6335

# Wheel Kit



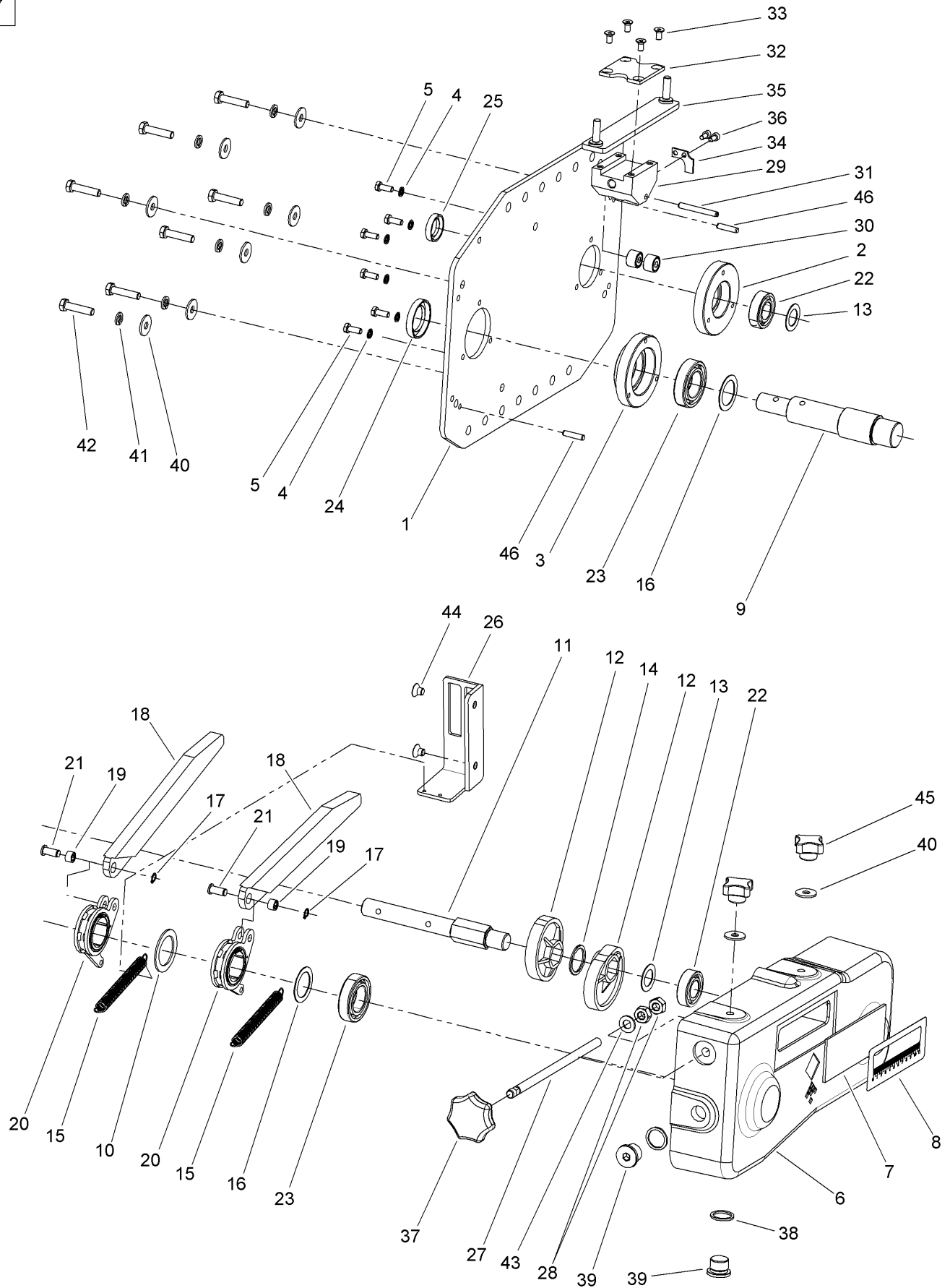
When using the brush scraper, item 9 (shims) are not needed anymore at both sides

## Wheel Kit (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-9004	1	Sub Frame	8	144-9007	2	Bolt, M16 X 100 - ISO 4014
2	144-9005	2	Mounting Plate	9	144-9008	4	Shim
3	144-8273	2	Nut M8 - Din 934	10	144-7921	4	Spring Washer M10 - Din 127
4	144-7949	2	Bolt M8 X 30 - ISO 4017	11	144-8445	4	Bolt M10 X 45 - ISO 4014 - 10.9
5	144-9006	2	Distance Bushing				
6	144-7956	2	Washer M16 - ISO 7089				
7	144-7951	2	Nut, Self Lock M16 10.9 - ISO 10511				

# Gearbox Assembly

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## Gearbox Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-8659	1	Lid Plate	26	144-8683	1	Guide
2	144-8660	1	Bearing Hub Ø42	27	144-8684	1	Threaded Rod M10X210
3	144-8661	1	Bearing Hub Ø55	28	144-8139	2	Nut M10 - Din 934
4	144-8662	6	Bonded Seal Ring M6	29	144-8685	1	Slider Block
5	144-8159	6	Bolt M6 X 16 - ISO 4017	30	144-8686	2	Roller Bearing
6	144-8663	1	Casted Gearbox Housing	31	144-8687	1	Roll Pin 6 X 50 - ISO 8752
7	144-8664	1	Window	32	144-8688	1	Lock Plate
8	144-8665	1	Gauge Decal	33	144-8689	4	Bolt M6 X 12 - Din 7991
9	144-8666	1	Shaft	34	144-8690	1	Indicator
10	144-8667	1	Washer	35	144-8691	1	Slider Bracket
11	144-8668	1	Shaft	36	144-8692	2	M5 X 10 — 10C
12	144-8669	2	Eccentric	37	144-8693	1	Knob M10 With Set Screw
13	144-8670	2	Shim Ø20XØ32X1.0 Din988	38	144-8074	2	Copper Washer 1_2
14	144-8671	1	Spacer	39	144-8694	2	Blind Plug G1/2
15	144-8672	2	Spring	40	144-8013	9	Washer-Large M8 - Din 9021
16	144-8673	2	Shim Ø30XØ42X1.0 Din988	41	144-7930	7	Spring Washer M8 - Din 127
17	144-8674	2	Circlip D=8 - Din 471	42	144-8130	7	Bolt M8 X 35 - ISO 4017
18	144-8675	2	Rocker Strip	43	144-7939	1	Washer M10 - ISO 7089
19	144-8676	2	Bearing Hk0808	44	144-8695	2	Bolt M8 X 10 - Din 7991
20	144-8677	2	Rocker Arm Assembly	45	144-8601	2	Closed Knob M8 - Din 6335
21	144-8678	2	Pin	46	144-8696	2	Parallel Pin ISO 8734 - 6 X 26
22	144-8679	2	Bearing 6004	47	144-8657	1	Casted Seeder Gearbox
23	144-8680	2	Bearing 6006				
24	144-8681	1	Oil Seal 30-45-8				
25	144-8682	1	Oil Seal 20-32-7				

# Attachments and Accessories

## For 46435 RapidSeed 430

<b>Product Name</b>	<b>Model/Part</b>
44lb Weight, AccuraSeed 620 or RapidSeed 430 and 590.....	46432
Wheel Kit .....	46436
Spiked Rear Roller.....	46437

**Notes:**

**BULLS EYE™**