

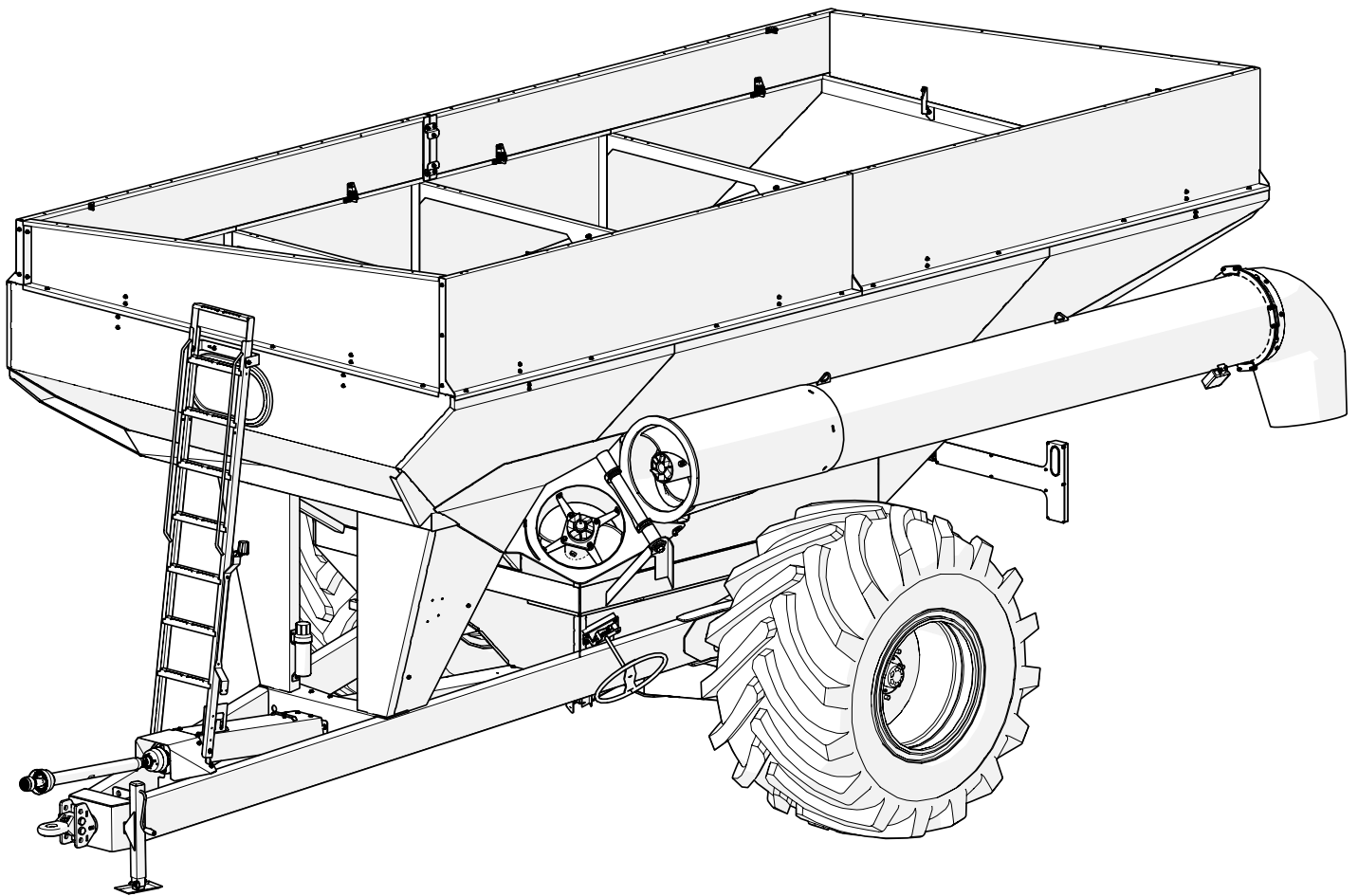


Doing Our Best to Provide You the Best

AG20053, Rev 4
5/23

GRAIN CART - SINGLE AUGER

850SA, 1000SA & 1100SA



PARTS MANUAL

Table of Contents

Overview

Table of Contents 2

Grain Cart Information 2

Replacement Parts..... 2

Main Assembly

Lower Auger Door Opener 3

Hitch and Drive Line Assembly..... 4

Front Tongue Area Assembly..... 5

Auger Assembly 6-7

Internal Assembly 8

Rear Light Pod Assembly..... 9

Extensions 10-11

1000/1100 Axle Assembly

Wheel Axle Assembly 12

Spindle/Hub - 10 Bolt 13

850 Axle Assembly

Wheel Axle Assembly 14

Spindle/Hub - 10 Bolt 15

Track Axle Assembly

Assembly 16

4 Bogie Assembly..... 17

Schematics

Electrical Schematic 18

Scale Schematic..... 19

Hydraulic Schematic..... 20

Backlit Pendant Hydraulic Schematic..... 21

Hydraulic Drive Assembly

Assembly 22

Bolt Torque

Information..... 23

Grain Cart Information

This parts manual is for Demco Grain Carts Models: 850, 1000 and 1100 Production 2022 - Current

Record your Serial Number, Date of Purchase and Dealer for reference

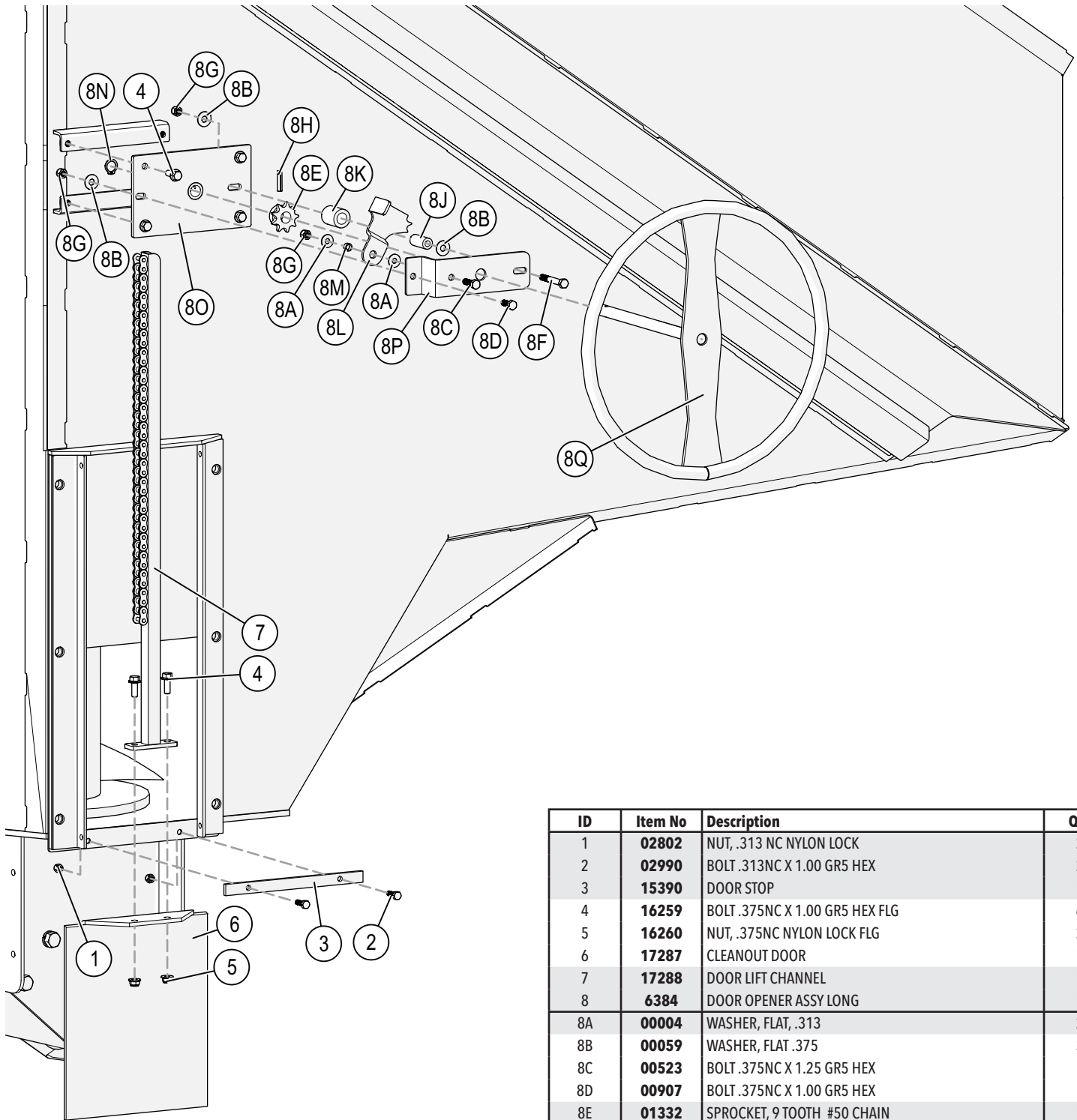
Serial Number _____

Date of Purchase _____

Dealer Information _____

Replacement Parts

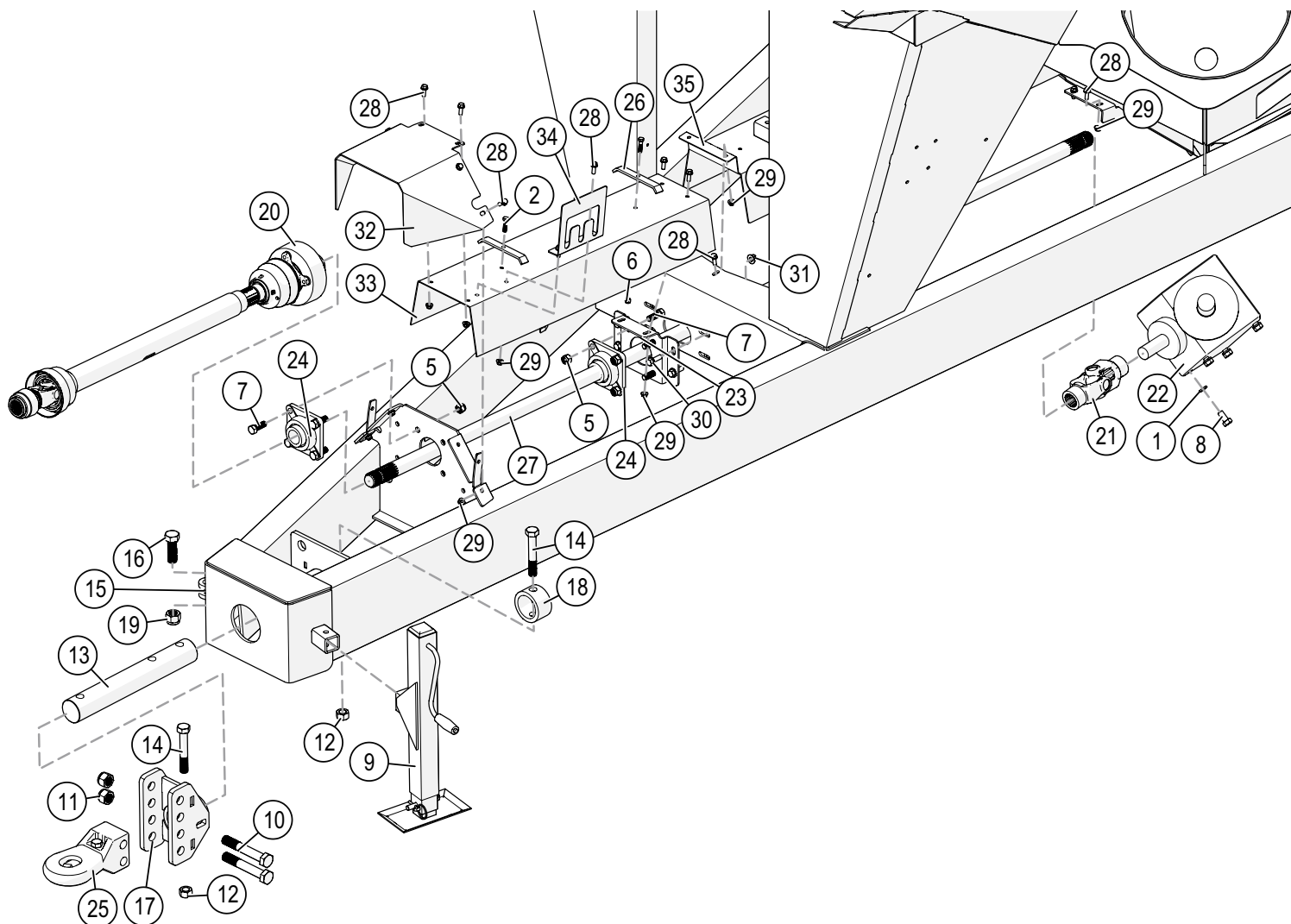
When ordering replacement parts provide the Unit Color and Item Number.



ID	Item No	Description	Qty
1	02802	NUT, .313 NC NYLON LOCK	2
2	02990	BOLT .313NC X 1.00 GR5 HEX	2
3	15390	DOOR STOP	1
4	16259	BOLT .375NC X 1.00 GR5 HEX FLG	6
5	16260	NUT, .375NC NYLON LOCK FLG	2
6	17287	CLEANOUT DOOR	1
7	17288	DOOR LIFT CHANNEL	1
8	6384	DOOR OPENER ASSY LONG	1
8A	00004	WASHER, FLAT, .313	2
8B	00059	WASHER, FLAT .375	3
8C	00523	BOLT .375NC X 1.25 GR5 HEX	1
8D	00907	BOLT .375NC X 1.00 GR5 HEX	1
8E	01332	SPROCKET, 9 TOOTH #50 CHAIN	1
8F	02166	BOLT .375NC X 2.75 GR5 HEX	1
8G	02592	NUT, .375NC NYLON LOCK	3
8H	02849	ROLL PIN, .31 X 1.38	1
8I	04642	ZERK, GREASE, .25 UNF SF	1
8J	05363	BUSHING, INNER ROLLER	1
8K	05364	BUSHING, OUTER ROLLER	1
8L	11412	DOOR LATCH	1
8M	11414	BUSHING, LATCH PIVOT	1
8N	14750	SNAP RING EXT F/ .75SHAFT	1
8O	15392	OPENER PLATE	1
8P	15395	OPENER BRACKET	1
8Q	17289	DOOR LIFT WHEEL LONG	1

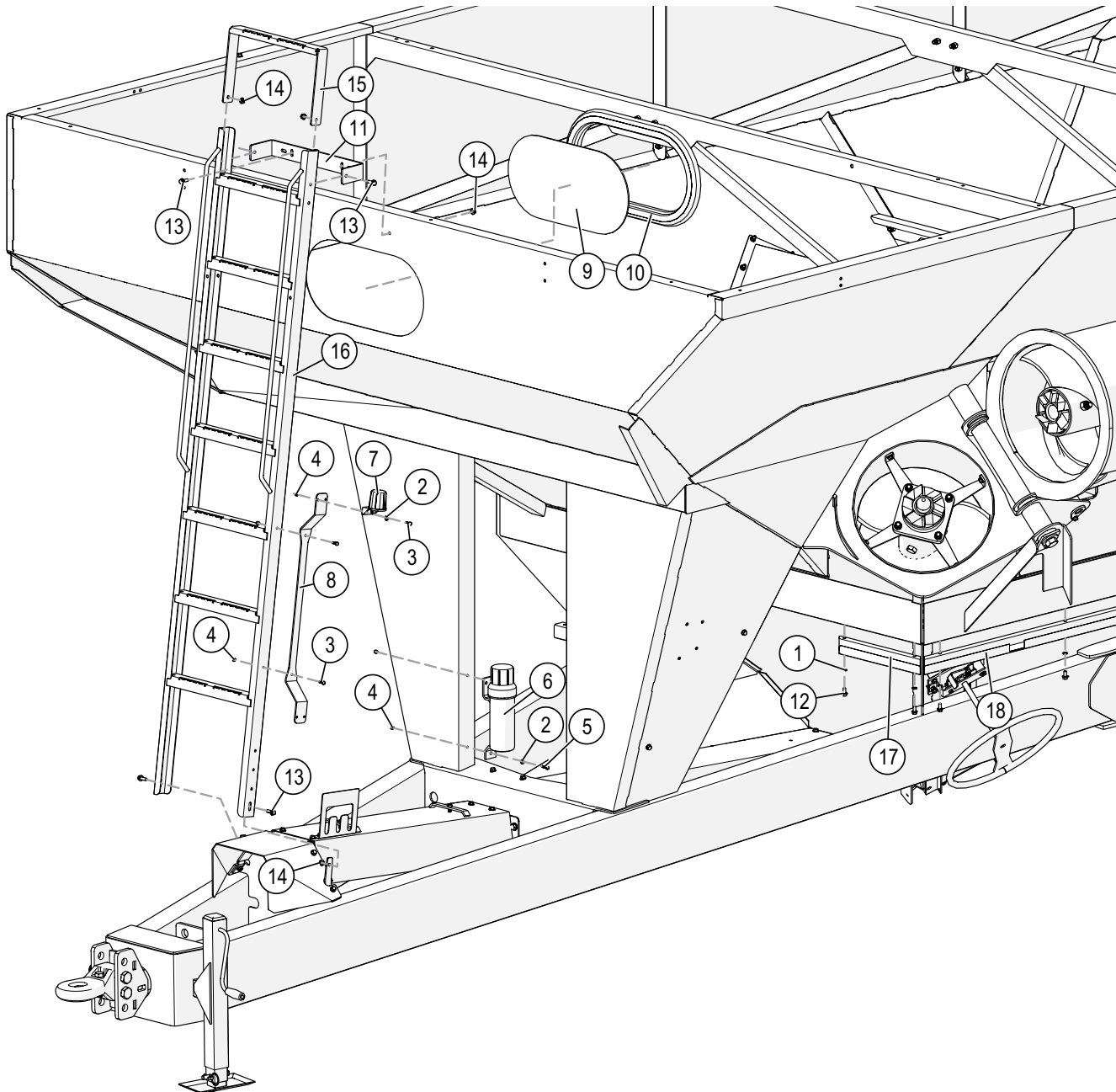
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Hitch and Drive Line Assembly



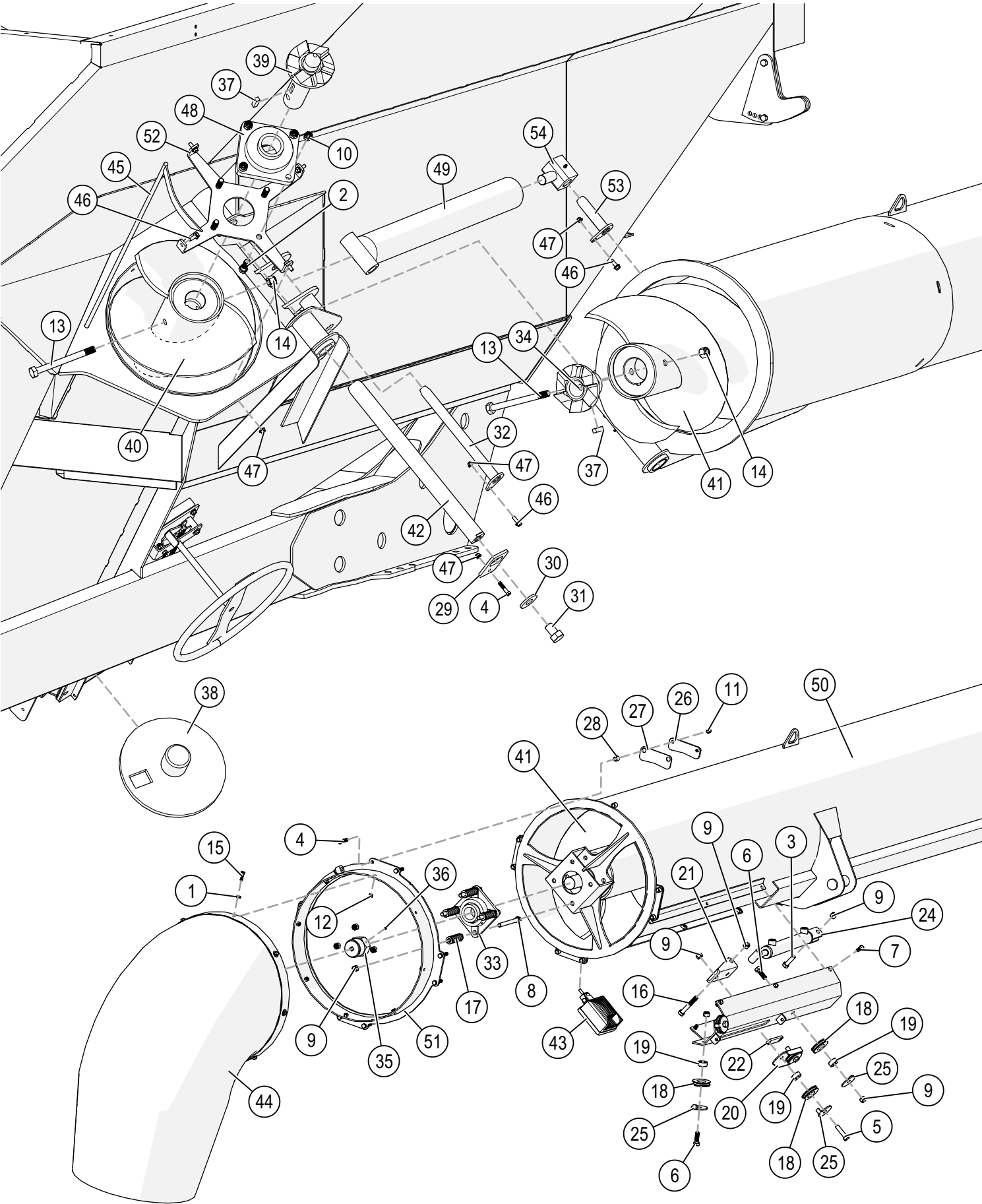
ID	Item No	Description	Qty	ID	Item No	Description	Qty
1	00248	WASHER SPRING LOCK 0.625	8	21	13326	UNIVERSAL JOINT 1-3/4"-20 TO 1-3/4"-6	1
2	00914	BOLT .375NC X 1.50 GR5 HEX	2	22	13339	COMER IND. GEARBOX	1
3	00967	BOLT .50NC X 1.25 GR5 HEX	3	-	17572-30	COMER GEARBOX MOUNT BLACK	-
4	02178	NUT, .50NC LOCK, NY. INSERT	3	-	17562	SUPERIOR GEARBOX	-
5	02587	NUT, .625 NC NYLON LOCK	8	-	17573-30	SUPERIOR GEARBOX MOUNT BLACK	-
6	02592	NUT, .375NC NYLON LOCK	2	-	15911	SEAL DOUBLE LIP COMER GEARBOX OUT SHAFT	-
7	03698	BOLT .625NC X 1.75 GR5 HEX	8	-	15912	SEAL DOUBLE LIP COMER GEARBOX IN SHAFT	-
8	05366	BOLT .625NC X 1.25 GR5 HEX	8	23	13347	BEARING MOUNT	1
9	09219	JACK	1	24	13411	BEARING 1.75" 4-BOLT FLANGE	2
10	09454	BOLT 1.0NF X 6.50 GR8 HEX	2	25	13479	HITCH BASE AUSTEMPERED W/ INSERTS	1
11	09455	NUT, 1.0NF NYLON INSERT HEX	2	26	13575	HOSE KEEPER, 4-6 HOSES	2
12	10678	NUT .875NC LOCK NYLON INSERT	2	27	14918	DRIVE SHAFT, 20 SPLINE	1
13	10814	HITCH PIN	1	28	16259	BOLT .375NC X 1.00 GR5 HEX FLG	14
14	11698	BOLT .875NC X 5.50 GR8 HEX	2	29	16260	NUT, .375NC NYLON LOCK FLG	14
15	12154	40,500 LB SAFETY CHAIN	1	30	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	4
16	12323	HEX BOLT 1.00-8UNC X 3.00	1	31	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	4
17	12346	HITCH MOUNT	1	32	17282	PTO SHAFT COVER/STEP	1
18	12375	HITCH STOP COLLAR	1	33	17283	PTO SHIELD FRONT	1
19	12477	1"-8 UNC NYLON INSERT NUT	1	34	17284	HOSE HOLDER	1
20	13325	PTO SHAFT W/1.75-20 SPLINE, AUTO CLUTCH, 14 SERIES	1	35	17285	PTO SHIELD REAR	1

When ordering replacement parts please provide the Unit Color and Item Number



ID	Item No	Description	Qty
1	00060	.375 LOCKWASHER	6
2	00214	WASHER, FLAT, .25	4
3	01076	BOLT .25NC X .75 GR5 HEX	4
4	02772	NUT, .25NC LOCK NYLON INSERT	6
5	04055	BOLT .25NC X 1.00 GR5 HEX	2
6	10241	CANISTER	1
7	10277	ELECTRICAL PLUG HOLDER	1
8	13501	HOSE WRAP BRACKET	1
9	14361	WINDOW GRAVITY FLOW BOX	1
10	14362	WINDOW GASKET SEAL	1
11	14922	UPPER LADDER BRACKET F/1252 GC	1
12	16258	BOLT .375NC X .75 GR5 HEX FLG	6
13	16259	BOLT .375NC X 1.00 GR5 HEX FLG	6
14	16260	NUT, .375NC NYLON LOCK FLG	6
15	16350	LADDER TOP CHANNEL	1
16	17295	LADDER F/ 1000 & 1100 GC	1
17	17314	HOSE HOLDER FRONT	1
18	17315	HOSE HOLDER	1

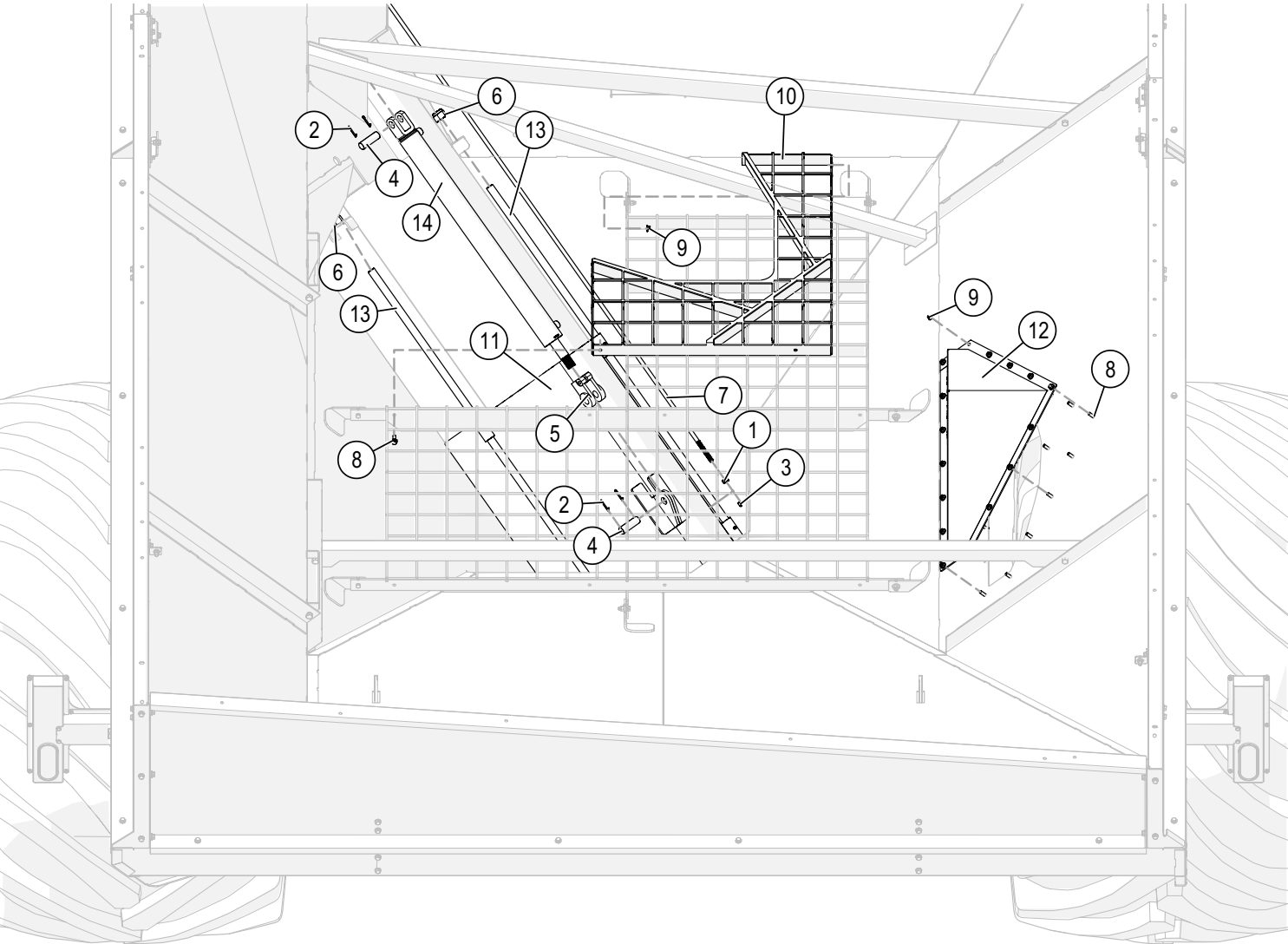
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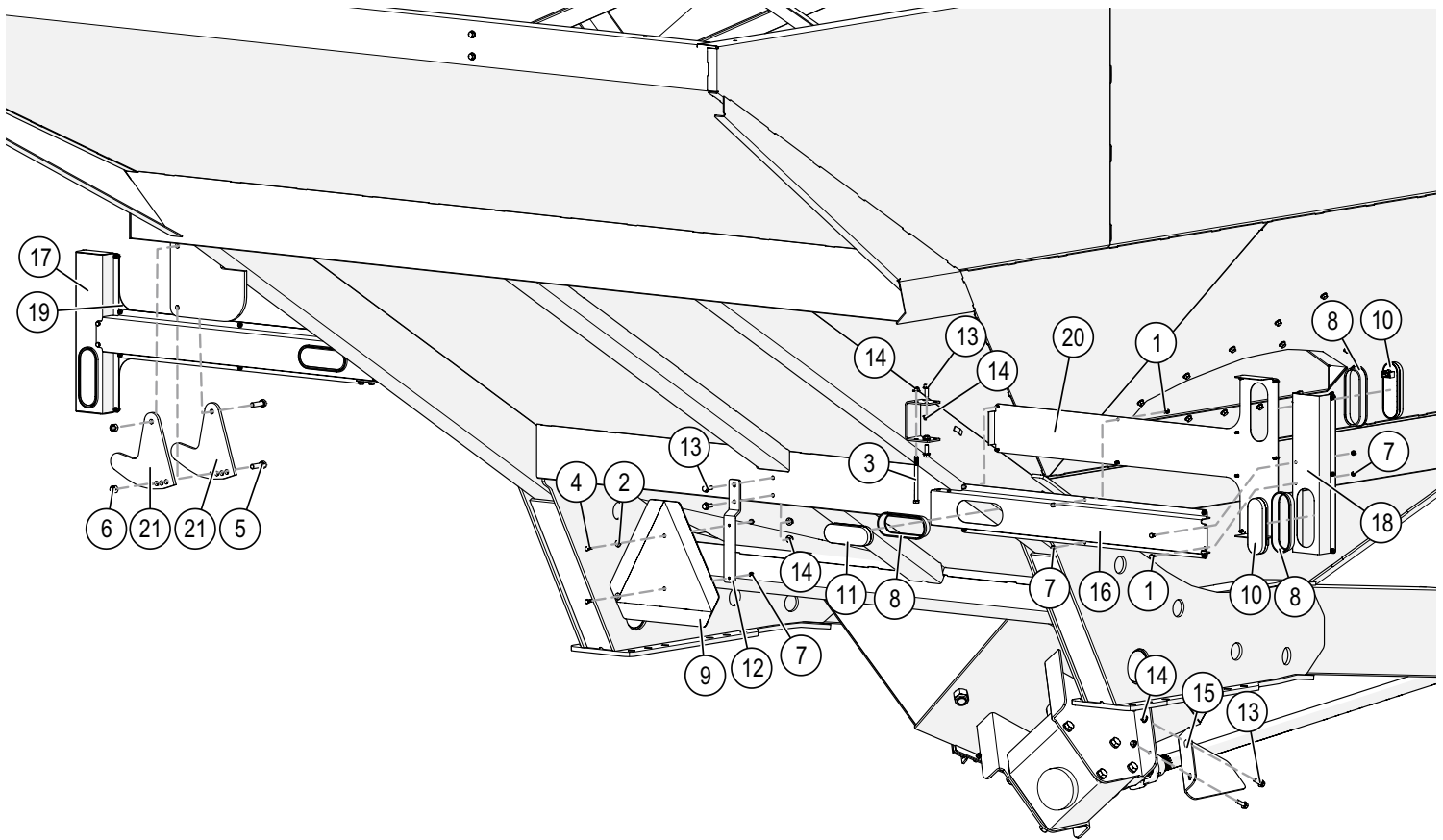
ID	Item No	Description	Qty
1	00004	WASHER, FLAT, .313	8
2	00290	BOLT .625NC X 2.00 GR5 HEX	4
3	00482	BOLT .50NC X 1.75 GR5 HEX	1
4	00908	BOLT .375NC X 1.75 GR5 HEX	9
5	01253	BOLT .50NC X 2.00 GR5 HEX	2
6	01254	BOLT .50NC X 1.50 GR5 HEX	3
7	01899	BOLT .375NC X .75 GR5 HEX	6
8	01975	BOLT .50NC X 5.00 GR5 HEX	4
9	02178	NUT, .50NC LOCK, NY. INSERT	11
10	02587	NUT, .625 NC NYLON LOCK	4
11	02592	NUT, .375NC NYLON LOCK	10
12	02802	NUT, .313 NC NYLON LOCK	7
13	02851	.75NC X 8.50 GR5 HEX BOLT	2
14	02961	.75NC NYLON INSERT LOCK NUT	2
15	02990	BOLT .313NC X 1.00 GR5 HEX	8
16	05290	BOLT .50NC X 3.25 GR5 HEX	1
17	09168	SPRING, COMPRESSION	4
18	09282	CABLE SHEAVE	5
19	09283	SHEAVE BUSHING	5
20	12512	TROLLEY TOP	1
21	12513	TROLLEY BOTTOM	1
22	12514	TROLLEY SPACER	1
23	12515	CYLINDER MOUNT/COVER	1
24	12522	CYLINDER ASSEMBLY, 1.50", .75 ROD	1
25	12531	CABLE RETAINER	5
26	12549	MOUNT RING RETAINER BRKT	4
27	12550	PLASTIC RETAINER BRKT SPACER	4
28	12667	RETAINER BRACKET BUSHING	8
29	13010	AUGER PIN PLATE	1
30	13011	AUGER PIN WASHER	1
31	13012	1.0"-8NC X 1.50 HEX BOLT GR5	1
32	13340	LOWER HYD CYL PIN	1
33	13411	BEARING 1.75" 4-BOLT FLANGE	1
34	13414	DRIVE CASTING OUTER W/ KEYWAY	1
35	13424	NUT SPACER NUT	1
36	13521	SET SCREW .25NC X .375 SOCKET CUP POINT	1
37	13538	.50 x .50 x 1.75" KEY	2
38	14005	LOWER DRIVE	1
39	14110	INNER DRIVE CASTING	1
40	14861	AUGER FLIGHTING INNER, 18.75"	1
-	17437-60	CHROME AUGER FLIGHTING INNER	-
41	14862	AUGER FLIGHTING OUTER	1
-	17438-61	CHROME AUGER FLIGHTING OUTER	-
42	14900	AUGER PIN F/ 1252	1
43	14926	LIGHT WORK LED 12V-36V	1
44	14935	DISCHARGE CHUTE	1
45	14937	INNER DOOR INDICATOR	1
46	16259	BOLT .375NC X 1.00 GR5 HEX FLG	6
47	16260	NUT, .375NC NYLON LOCK FLG	7
48	16414	2.5" IPTCI BEARING	1
49	17104	HYD CUSHION CLY 3.50" X 24.00"	1
50	17290	OUTER AUGER TUBE 20"	1
51	17294	CHUTE DRIVE RING, 20" SMALL ID	1
52	17307	BEARING MOUNT PLATE 20" AUGER	1
53	17309	UPPER CYLINDER PIN 1.25	1
54	17310	HYDRAULIC CYLINDER END SMALL	1
55	00248	WASHER SPRING LOCK 0.625	8
56	05366	BOLT .625NC X 1.25 GR5 HEX	8
57	13339-30	COMER IND. GEARBOX	1
58	17572-30	GEARBOX MOUNT, COMER BLACK	1
59	07272	BOLT .50NC X 1.50 GR8 HEX	6
60	16590	NUT, .50NC LOCK NYLON INSERT FLANGE	6

When ordering replacement parts please provide the Unit Color and Item Number



ID	Item No	Description	Qty
1	00083	NUT, HEX, .50NC	1
2	00116	COTTER PIN, .156 X 1.50	4
3	02178	NUT, .50NC LOCK, NY. INSERT	1
4	03738	CYLINDER PIN	2
5	09741	CYLINDER CLEVIS	1
6	12477	1"-8 UNC NYLON INSERT NUT	4
7	14937	INNER DOOR INDICATOR	1
8	16259	BOLT .375NC X 1.00 GR5 HEX FLG	21
9	16260	NUT, .375NC NYLON LOCK FLG	21
10	17296	MESH CORNER	1
11	17297	INNER DOOR	1
12	17298	FENDER INSERT	1
-	17300	TRACK CART INSERT	1
13	17306	DOOR SLIDE ROD, THREADED	2
14	17317	HYD. CYLINDER 2.5" X 30.00" STROKE	1

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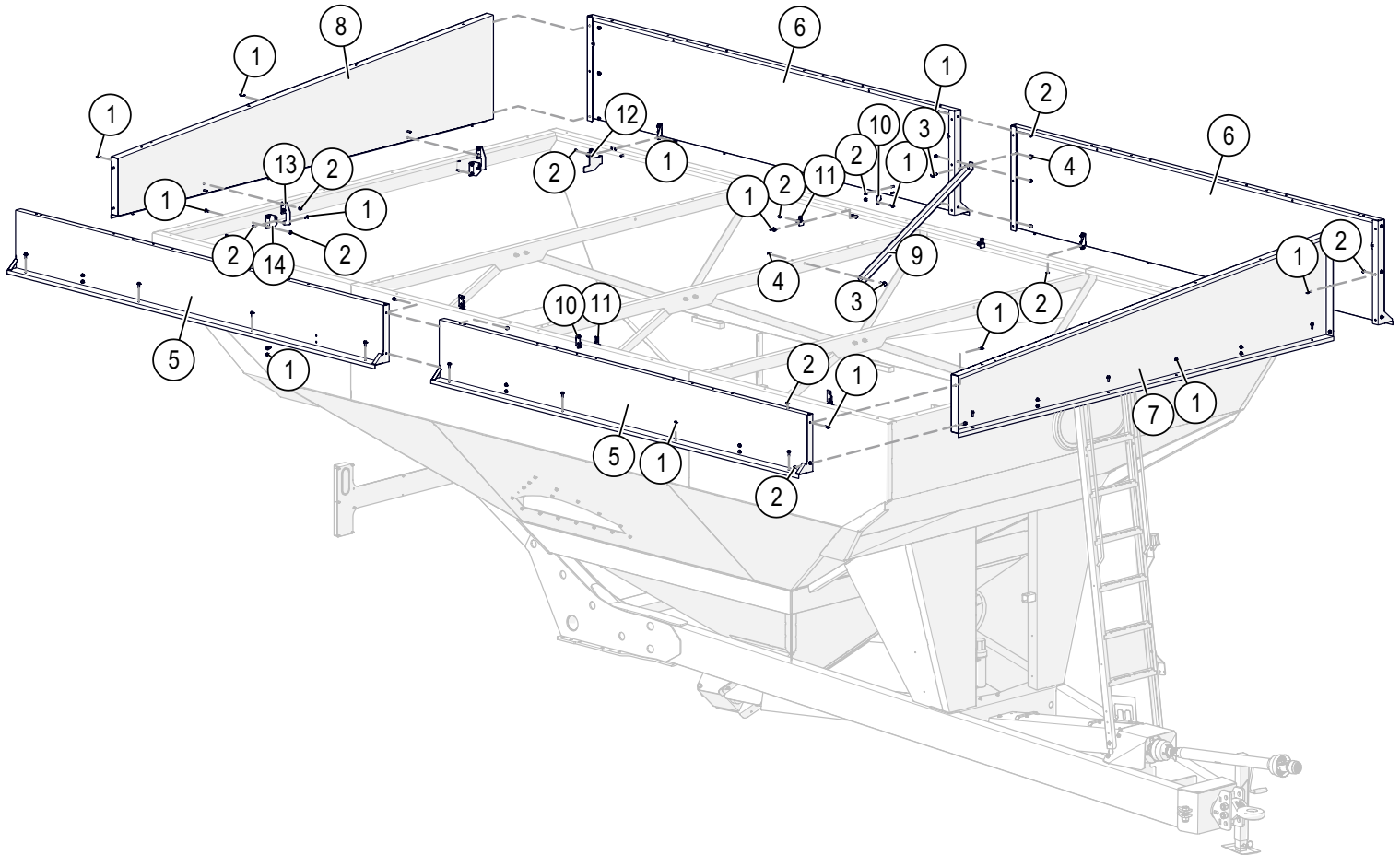


ID	Item No	Description	Qty
1	00092	BOLT .25NC X .50 GR5 HEX	25
2	00214	WASHER, FLAT, .25	2
3	00675	BOLT .375NC X 5.00 GR5 HEX HEAD	2
4	01076	BOLT .25NC X .75 GR5 HEX	2
5	01253	BOLT .50NC X 2.00 GR5 HEX	2
6	02178	NUT, .50NC LOCK, NY. INSERT	2
7	02772	NUT, .25NC LOCK NYLON INSERT	27
8	03652	GROMMET RUBBER OVAL	6
9	12126	SMV SIGN	1
10	12249	LIGHT, SEALED OVAL S/T/T LAMP	4
11	14923	LED LIGHT, SEALED RED LAMP	2
12	14952	SMV HOLDER	1
13	16259	BOLT .375NC X 1.00 GR5 HEX FLG	8
14	16260	NUT, .375NC NYLON LOCK FLG	10
15	17286	GEARBOX U-JOINT SHIELD	1
16	17301	LIGHT ARM	2
17	17302	LEFT END POD	1
18	17303	RIGHT END POD	1
19	17304	LEFT LIGHT COVER	1
20	17305	RIGHT LIGHT COVER	1
21	17308	AUGER REST HOOK	2

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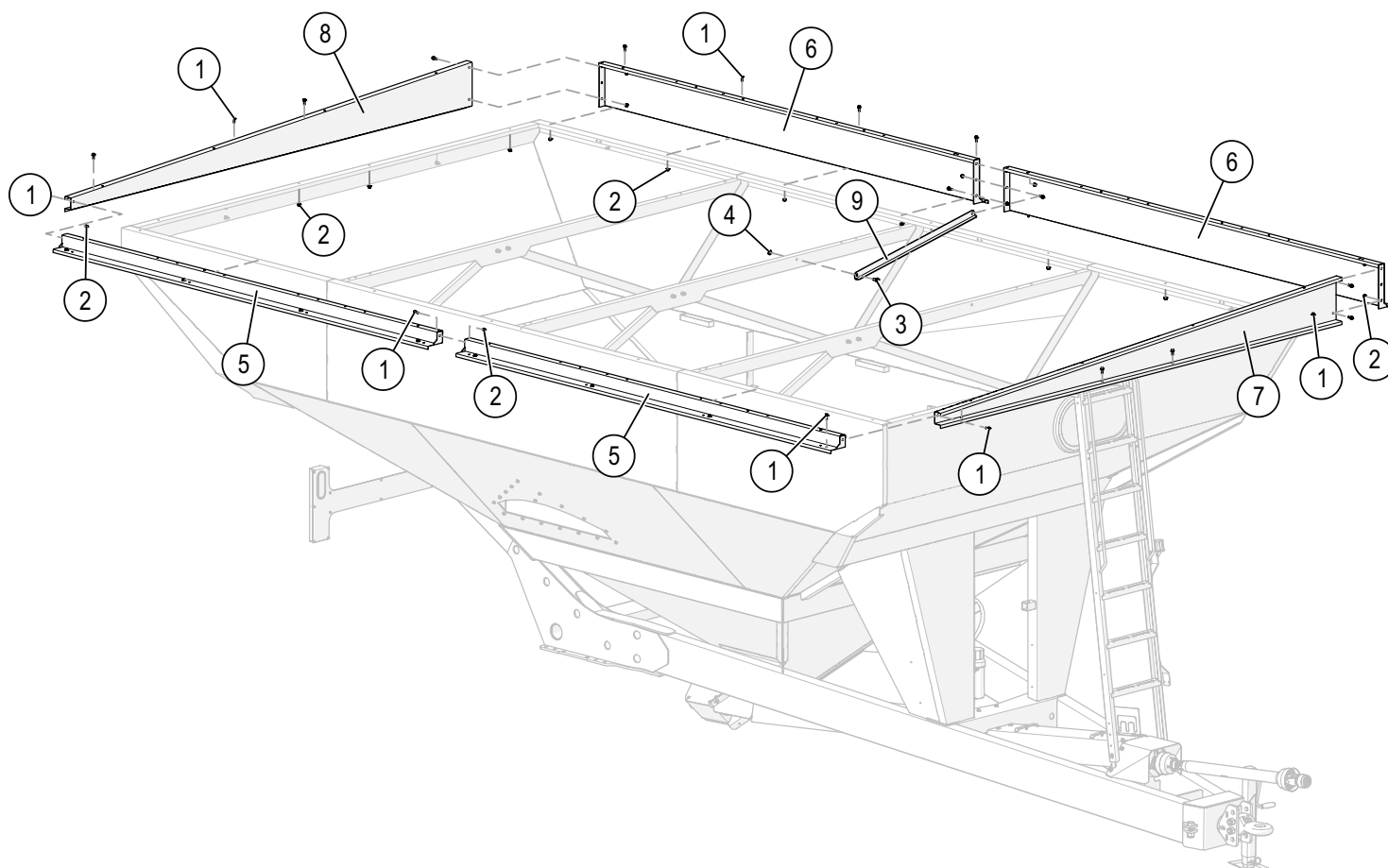
Extensions

1000 and 1100



ID	Item No	Description	Qty
1	16259	BOLT .375NC X 1.00 GR5 HEX FLG	113
2	16260	NUT, .375NC NYLON LOCK FLG	108
3	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	2
4	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	2
5	17263	RH EXTENSION (1100)	2
-	17279	RH EXTENSION (1000)	2
6	17264	LH EXTENSION (1100)	2
-	17278	LH EXTENSION (1000)	2
7	17265	EXTENSION FRONT (1100)	1
-	17280	EXTENSION FRONT (1000)	1
8	17266	EXTENSION REAR (1100)	1
-	17281	EXTENSION REAR (1000)	1
9	17267	EXTENSION BRACE	1
10	17268	EXTENSION SIDE HINGE TOP	8
11	17269	EXTENSION SIDE HINGE BOTTOM	6
12	17270	EXTENSION HINGE SHELF	2
13	17271	EXTENSION HINGE TOP	4
14	17272	EXTENSION FRONT HINGE BOTTOM	4

When ordering replacement parts please provide the Unit Color and Item Number

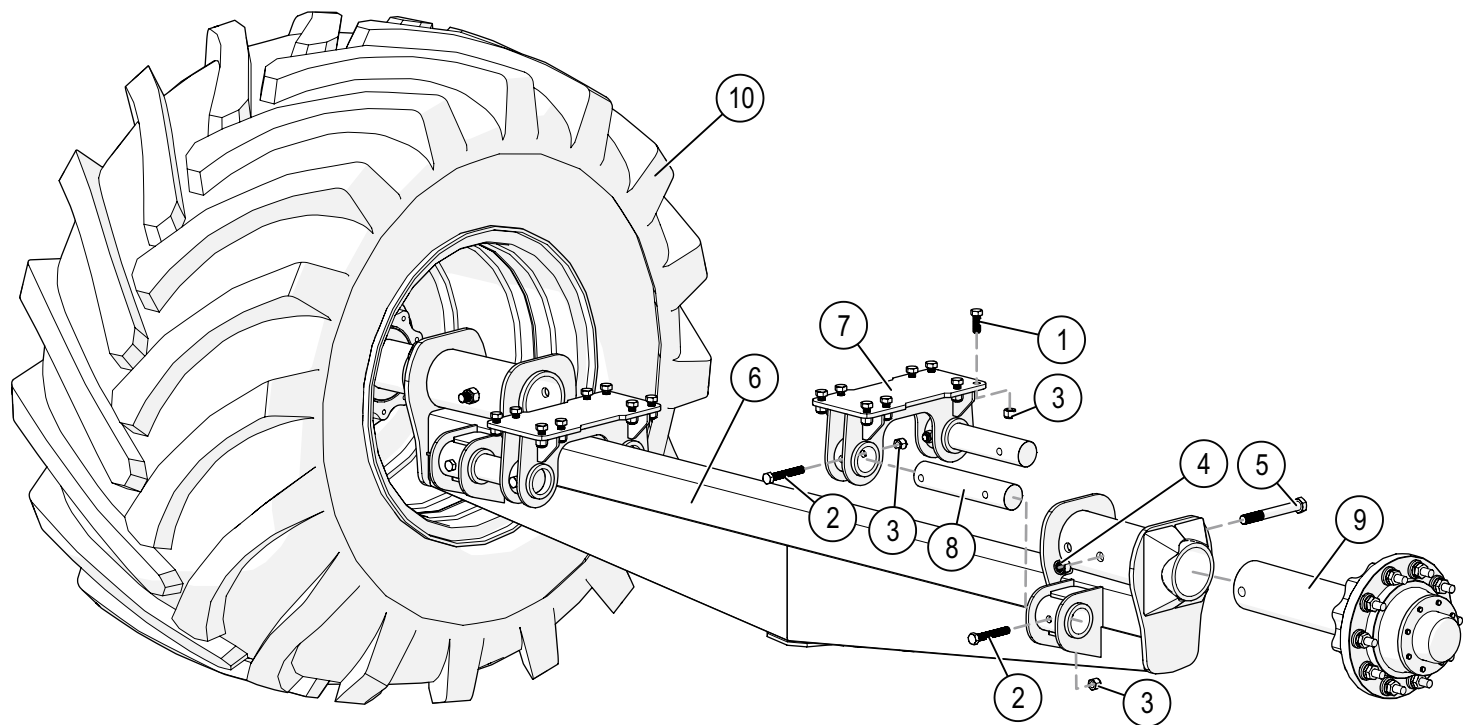


ID	Item No	Description	Qty
1	16259	BOLT .375NC X 1.00 GR5 HEX FLG	34
2	16260	NUT, .375NC NYLON LOCK FLG	34
3	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	1
4	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	1
5	17595	RH EXTENSION 850 GC	2
6	17596	LH EXTENSION 850 GC	2
7	17597	FRONT EXTENSION 850 GC	1
8	17598	REAR EXTENSION 850 GC	1
9	17599	EXTENSION BRACE	1

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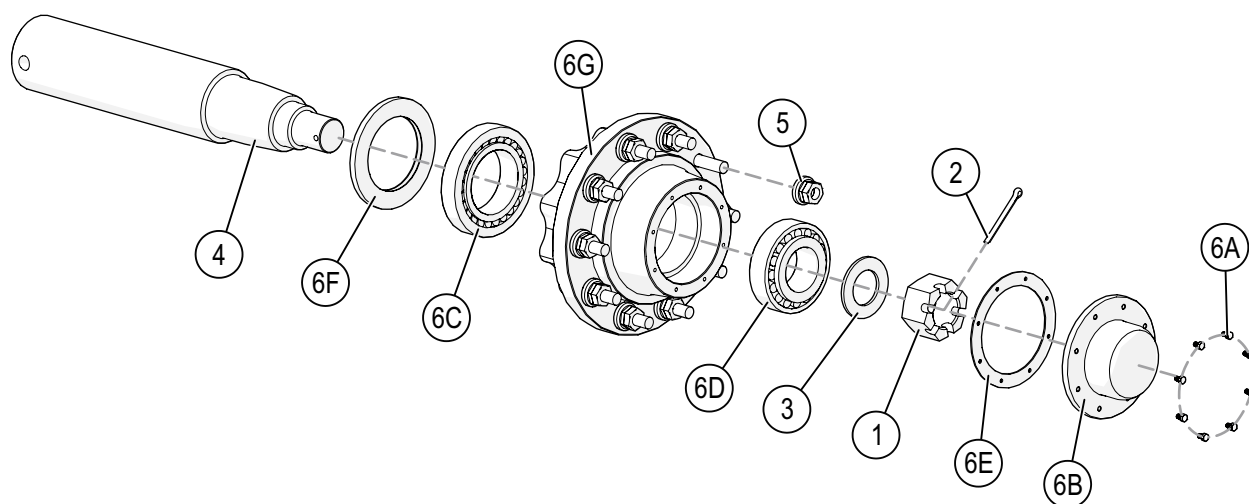
Wheel Axle Assembly

1000 and 1100 Axle



ID	Item No	Description	Qty
1	01235	BOLT .75NC X 2.00 GR5 HEX	16
2	02389	.75NC X 5.00 GR5 HEX BOLT	8
3	02961	.75NC NYLON INSERT LOCK NUT	24
4	09455	NUT, 1.0NF NYLON INSERT HEX	2
5	15134	BOLT 1.0NF X 8.50 GR8 HEX	2
6	17259	FIXED AXLE F/ 1020 & 1120 GC	1
7	17261	WEIGHBAR MOUNT 2.875" TALL	2
8	17312	WEIGH BAR BLANK 2.875	4
9	35785	HUB & NON-SCALE SPINDLE F/1150	2
10	9445230	1050/50R32 WHEEL/TIRE	2
-	9445225	900/60R32 WHEEL/TIRE	-

When ordering replacement parts please provide the Unit Color and Item Number

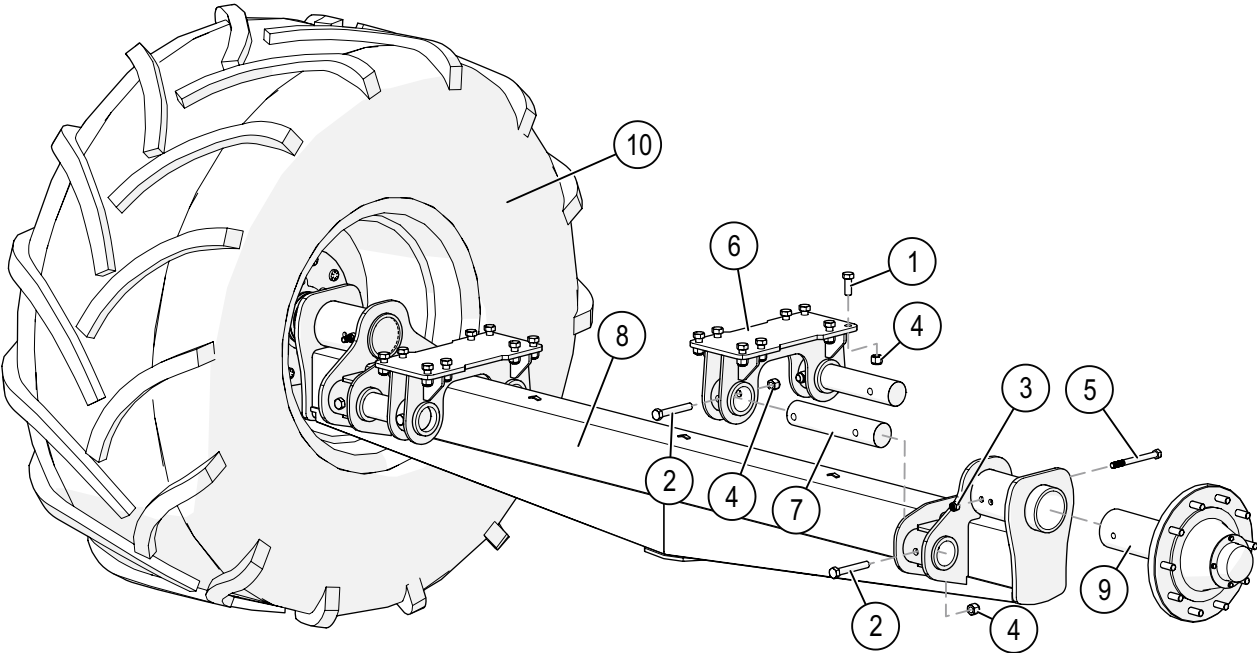


ID	Item No	Description	Qty
1	13899	NUT 2.50-12" SLOTTED HEX	1
2	13911	.375" X 4.0" COTTER PIN	1
3	14017	WASHER 4.50 O.D. x 2.63 I.D. x .25	1
4	14489	SPINDLE F/ 35K HUB	1
5	15830	WHEEL NUT 22MM LOCKING	10
6	6053	HUB 35K BRAKING 10 BOLT	1
6A	04305	BOLT, 5/16NC X .50 GR5 HEX	8
6B	13901	HUB CAP F/ 50K HUB	1
6C	14492	BEARING CONE P752454, TIMKIN	1
6D	14493	BEARING CONE P752451, TIMKIN	1
6E	14025	GREASE SEAL F/ 13900	1
6F	14494	SEAL OIL F/ 35K HUB (14495)	1
6G	14495	HUB 35K W/ INNER & OUTER CUPS & STUD BOLTS	1

When ordering replacement parts please provide the Unit Color and Item Number

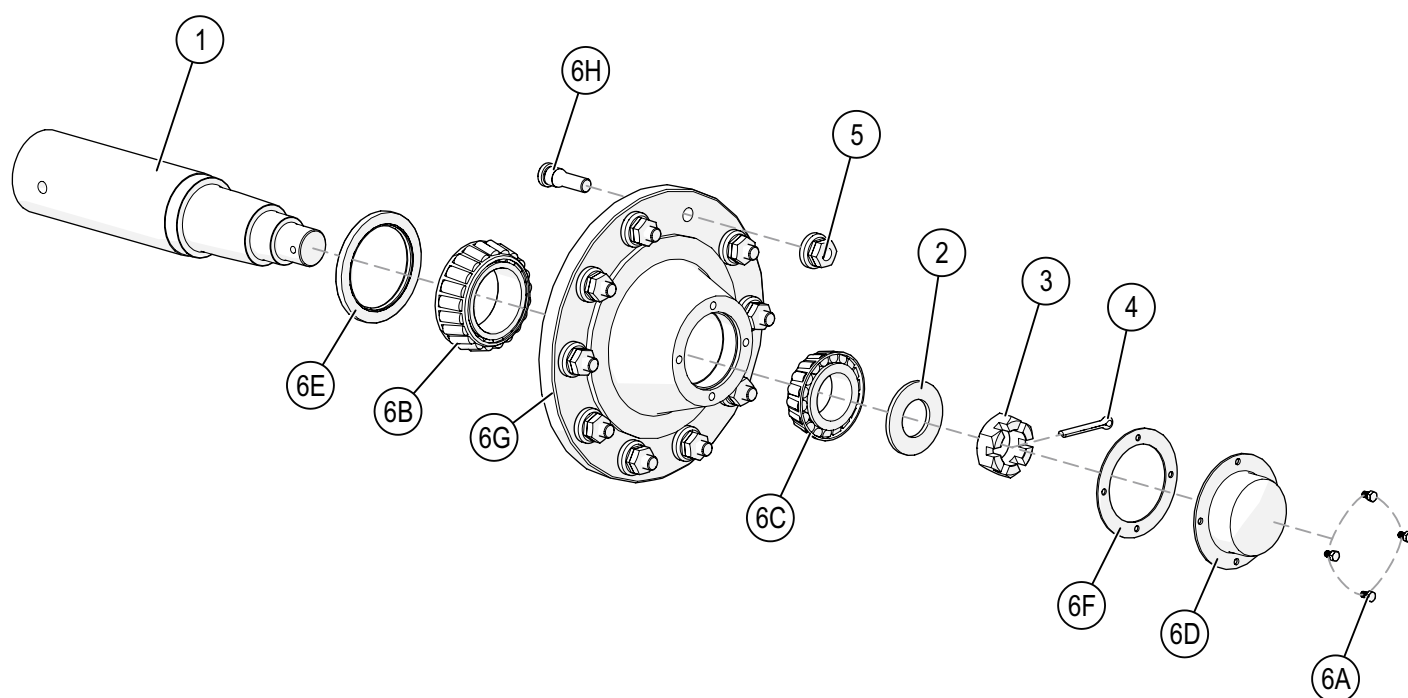
Wheel Axle Assembly

850 Axle



ID	Item No	Description	Qty
1	01235	BOLT .75NC X 2.00 GR5 HEX	16
2	02389	.75NC X 5.00 GR5 HEX BOLT	8
3	02587	NUT, .625 NC NYLON LOCK	2
4	02961	NUT, .75NC LOCK NYLON INSERT	24
5	04836	HEX BOLT .625NC X 7.00	2
6	17261	WEIGHBAR MOUNT 2.875" TALL	2
7	17312	WEIGH BAR BLANK 2.875	4
8	17594	FIXED AXLE F/ 850 SA GC	1
9	35735	HUB/SPINDLE PREASSY, DUCTILE	2
10	9445201	24.5" X 32 12 PLY LUG TIRE & WHEEL	2
-	9445203	30.5" X 32, 12 PLY LUG TIRE & WHEEL	-
-	9445218-60	900/60R32 LUG TIRE & WHEEL	-

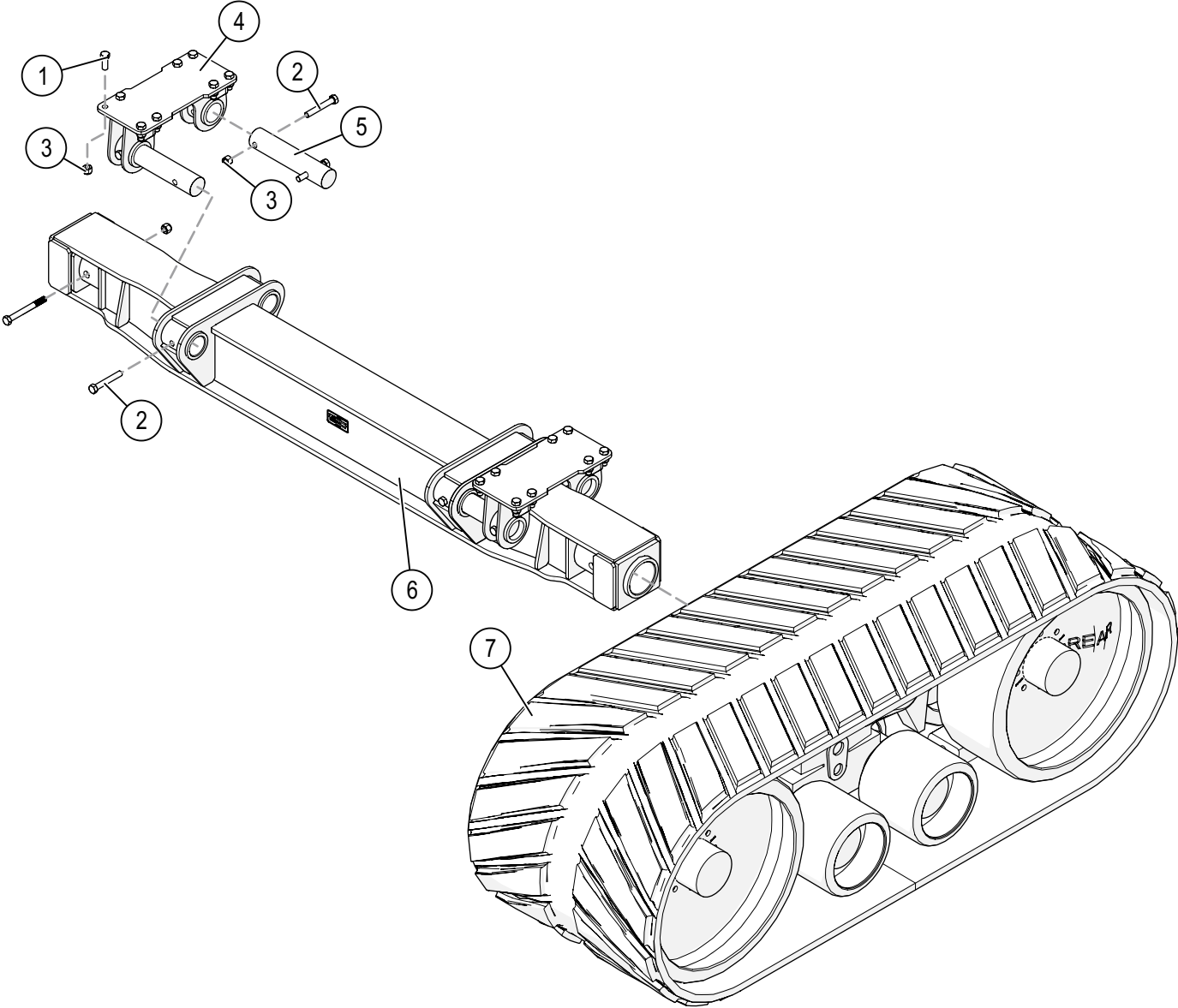
When ordering replacement parts please provide the Unit Color and Item Number



ID	Item No	Description	Qty
1	09204	SPINDLE, 4.5" GRAIN CART	1
2	09444	HUB/ SPINDLE WASHER	1
3	09445	NUT 2.0 NF SLOTTED HEX	1
4	09446	.375" X 3.0" COTTER PIN	1
5	07435	WHEEL NUT FLANGED .750NF	10
6	5938	HUB ASSEMBLY 10-BOLT, DUCTILE	1
6A	04305	BOLT, 5/16NC X .50 GR5 HEX	4
6B	09449	INNER CONE BEARING	1
6C	09450	OUTER CONE BEARING	1
6D	09451	DUST CAP	1
6E	09452	OIL SEAL	1
6F	09532	HUB CAP GASKET	1
6G	13616	HUB, DUCTILE W/ STUD BOLTS	1
6H	07861	BOLT STUD .75-16 UNF X 2.75 GR8 (REPLACEMENT)	1

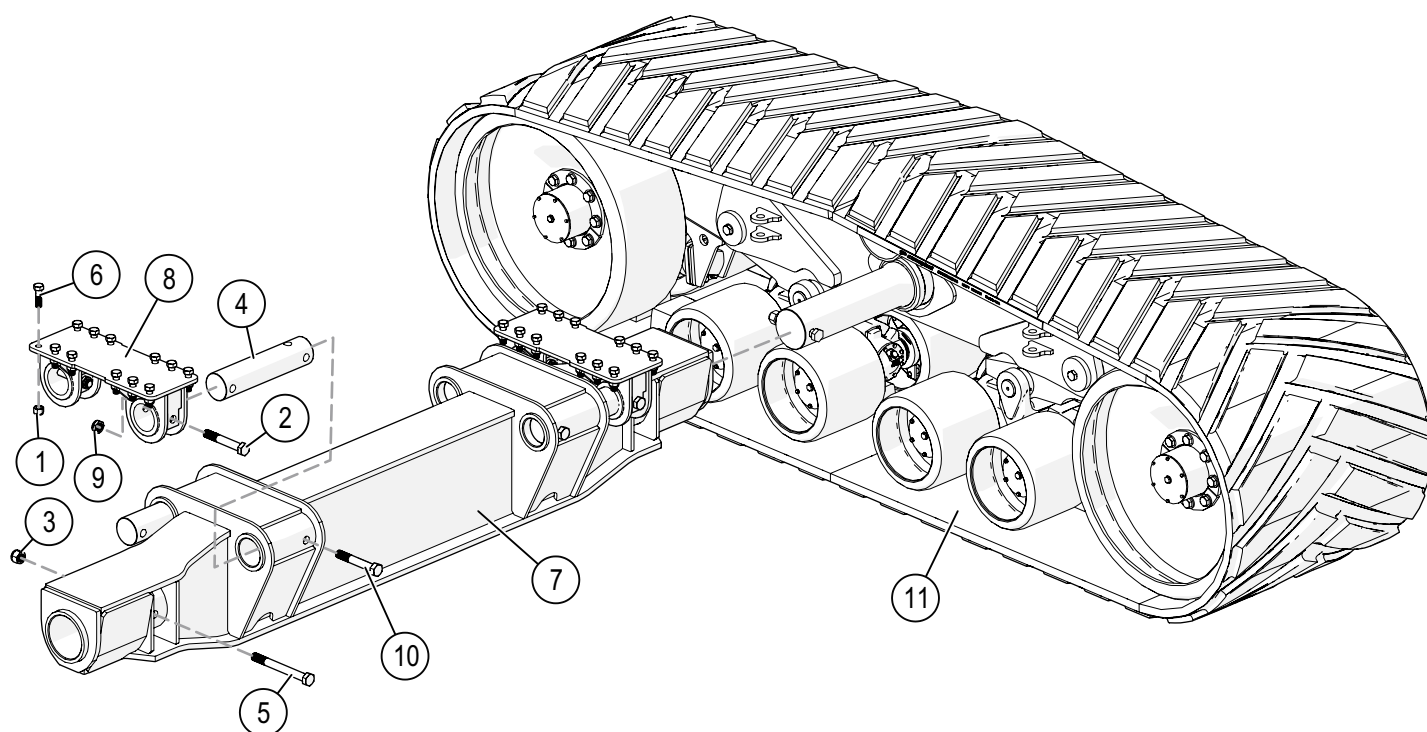
When ordering replacement parts please provide the Unit Color and Item Number

2 Bogie Track Axle Assembly



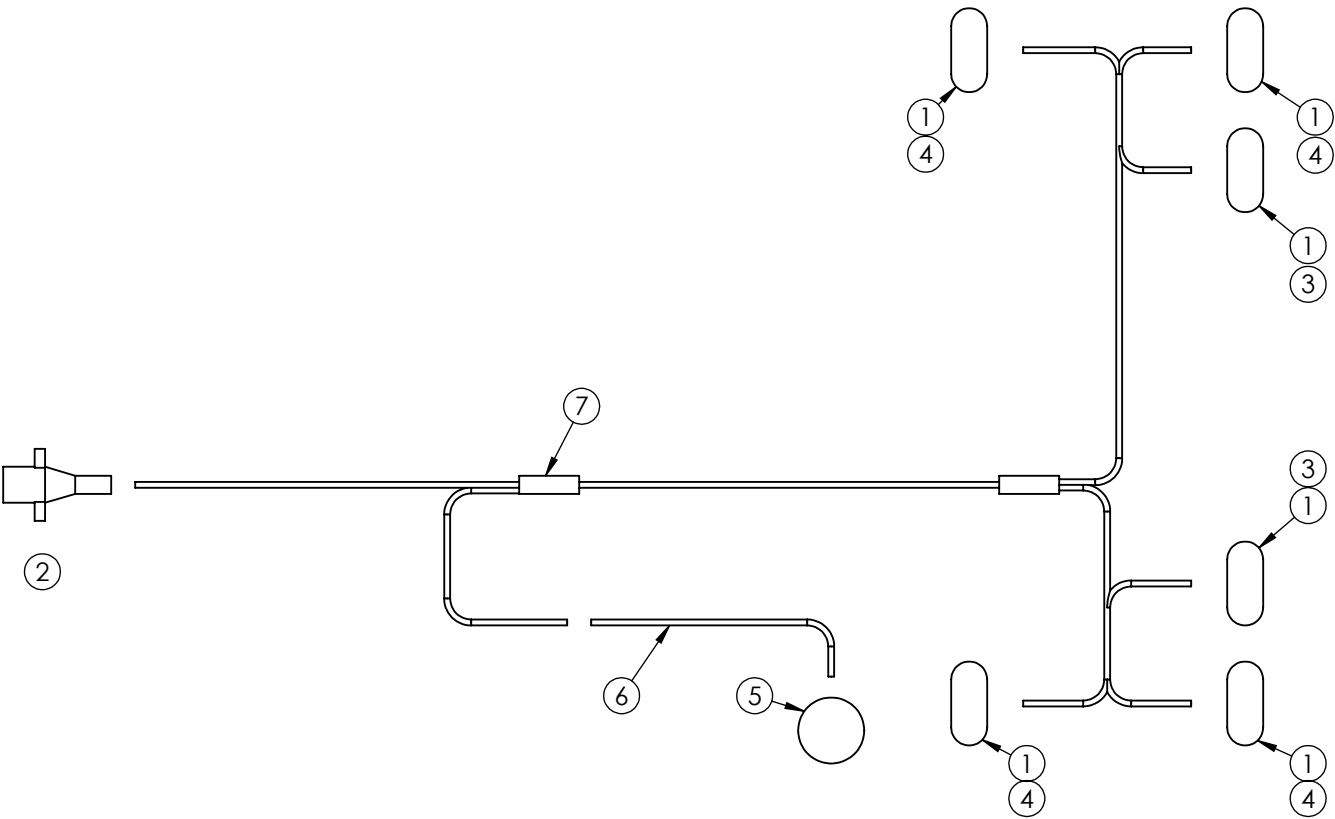
ID	Item No	Description	Qty
1	01235	BOLT .75NC X 2.00 GR5 HEX	16
2	02389	.75NC X 5.00 GR5 HEX BOLT	8
3	02961	.75NC NYLON INSERT LOCK NUT	20
4	17261	WEIGHBAR MOUNT 2.875" TALL	2
5	17312	WEIGH BAR BLANK 2.875	4
6	17331	1000/1100 SA TRACK AXLE	1
7	6386	TRACK CARRIAGE KIT	1

When ordering replacement parts please provide the Unit Color and Item Number



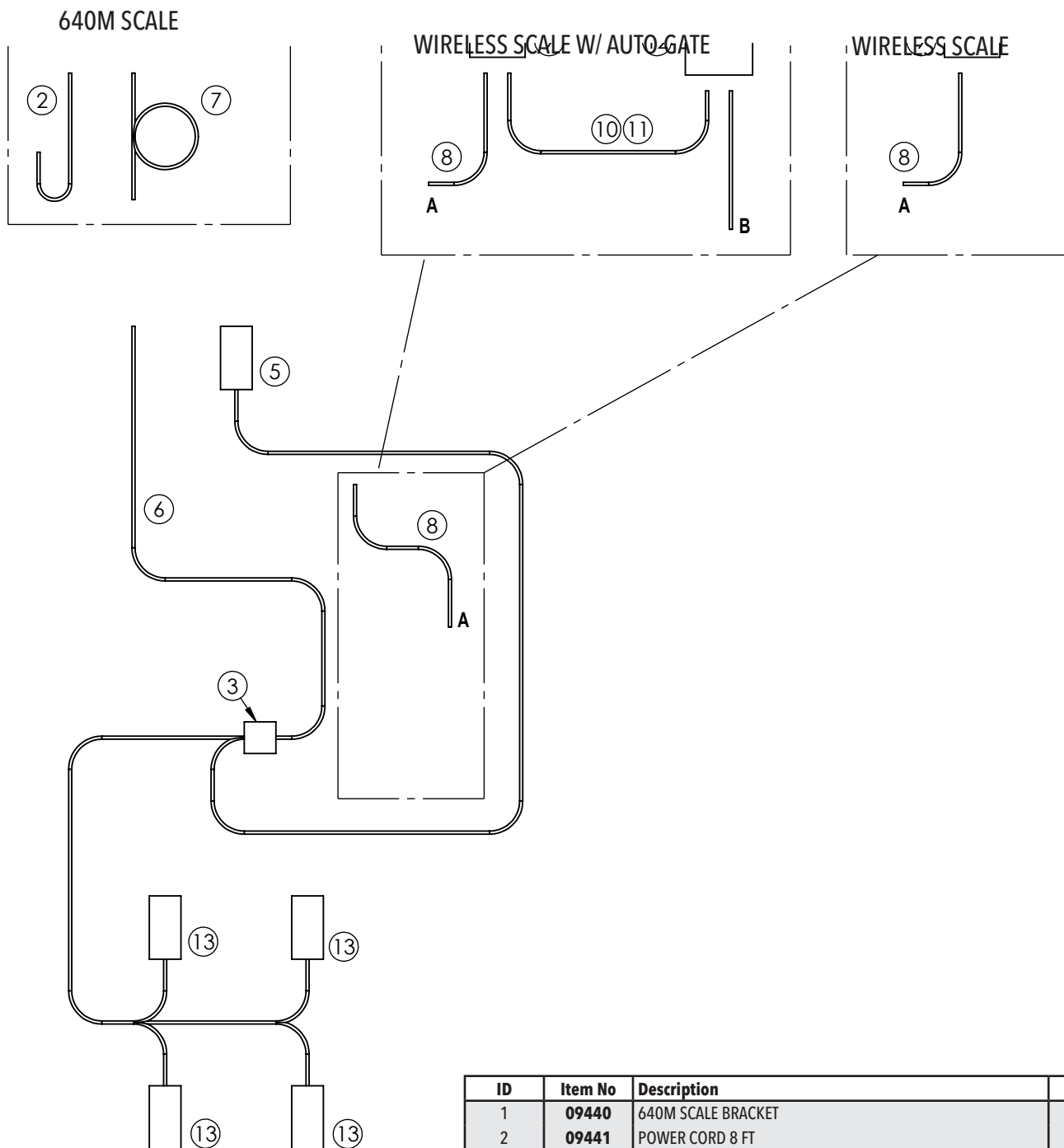
ID	Item No	Description	Qty
1	02961	.75NC NYLON INSERT LOCK NUT	24
2	09454	BOLT 1.0NF X 6.50 GR8 HEX	4
3	09455	NUT, 1.0NF NYLON INSERT HEX	2
4	14014	PIN HITCH 3.75 OD	4
5	14029	BOLT 1.0NF X 9.50 GR8 HEX	2
6	14700	BOLT .75NC X 2.50 GR8 HEX	24
7	17332	4 BOGIE TRACK CENTER	1
8	17443	WEIGHBAR MOUNT 3.75" TALL	2
9	17444	NUT, 1.0NF NYLON INSERT HEX JAM	4
10	17445	BOLT 1.00-8UNC X 6.50 GR.8	4
11	6295	TRACK CARRIAGE KIT	1

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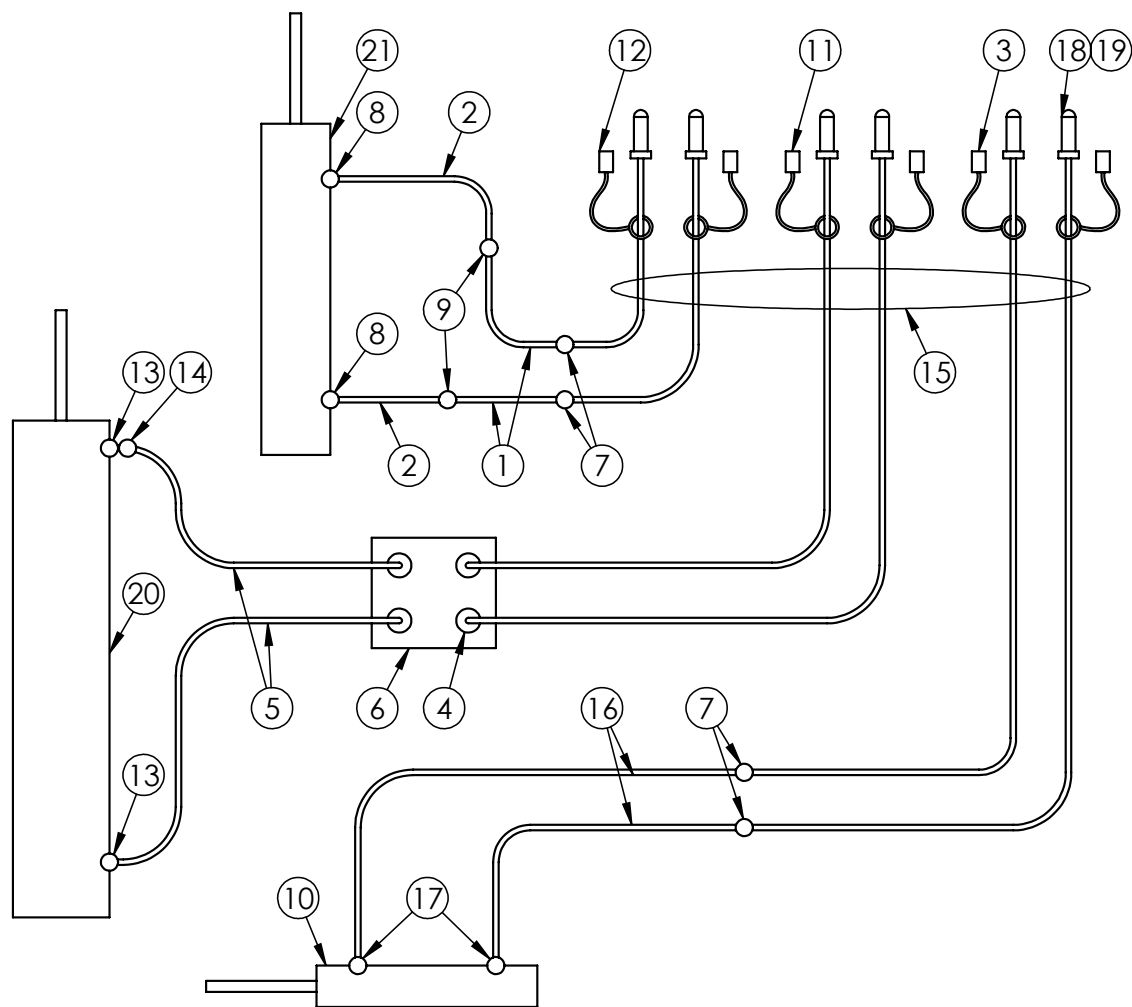
ID	Item No	Description	Qty
1	03652	GROMMET RUBBER OVAL	6
2	07416	PLUG CONNECTOR 7-WAY MALE	1
3	14923	LIGHT 2.3" X 6.5" LED RED	2
4	14924	LIGHT 2.3" X 6.5" LED YELLOW	4
5	14926	LIGHT WORK LED	1
6	14981	HARNESS WIRE CHUTE LIGHT	1
7	17313	HARNESS WIRE 1000/1100 SA MODELS CART	1

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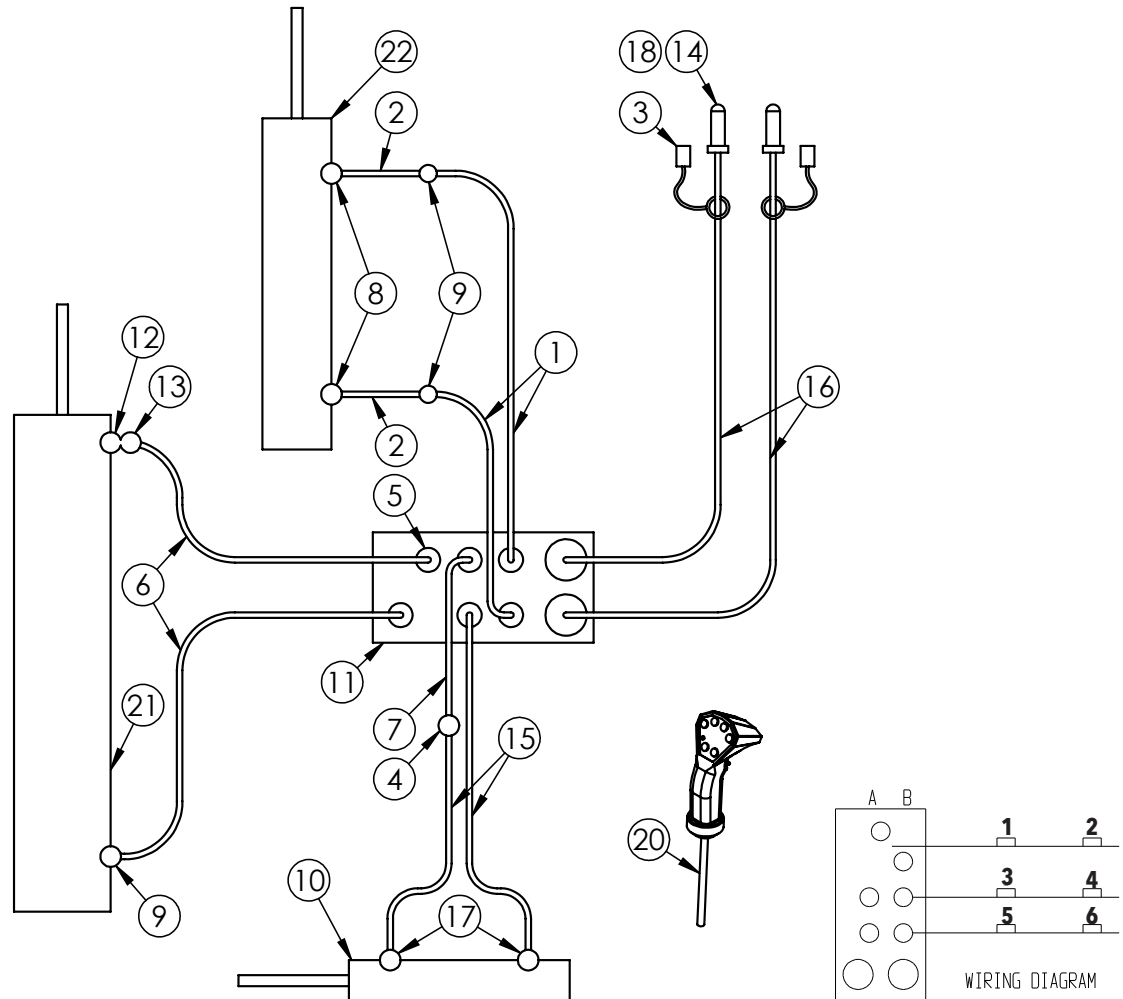
ID	Item No	Description	Qty
1	09440	640M SCALE BRACKET	1
2	09441	POWER CORD 8 FT	1
3	10941	JUNCTION BOX 7 PLUG	1
4	12259	MONITOR WEIGHTRONIX 640M	1
5	12263	WEIGHBAR 2.875 x 19.25 W/ CABLE (HITCH)	1
6	12264	HARNESS 25 FT JUNCTION BOX TO CONSOLE	1
7	13266	HARNESS 15 FT EXTENSION HITCH TO CONSOLE (OPTIONAL)	1
8	14992	CABLE F/ WIRELESS SCALE 5P TO AMP 3FT	1
-	15360	BATTERY AA 3.6V LITHIUM (REPLACEMENT)	-
9	16340	WEIGHT SCALE CONTROL BOX W/ AUTO GATE	1
10	16409	HARNESS 26 FT AUTO GATE	1
11	16410	HARNESS 12 FT EXTENSION FOR 16409	1
12	17067	WEIGHT SCALE CONTROL BOX AUTO GATE F/ BACKLIT PENDANT	1
13	17299	WEIGHBAR 2.875 x 14.00W/ CABLE (AXLE)	4
-	13983	WEIGHBAR 3.75 x 15.75 W/ CALBE (4 BOGIE TRACK ONLY)	4

When ordering replacement parts please provide the Unit Color and Item Number



ID	Item No	Description	Qty
1	05190	1/4" X 48" HYDRAULIC HOSE	2
2	05191	1/4" X 36" HYDRAULIC HOSE	2
3	05198	RUBBER COUPLER COVER BLACK	2
4	05243	STRAIGHT #6 JIC X #6 W/ O-RING	4
5	05839	1/4" X 142" HYDRAULIC HOSE	2
6	07582	PILOT OPERATED CHECK VALVE 4 WAY	1
7	09950	UNION #6 JIC MALE 2X	4
8	11143	ELBOW #6M JIC & #6 O-RING	2
9	12374	BULKHEAD 3/8 JIC 45° ELBOW	2
10	12522-30	ADJUSTABLE CHUTE CYLINDER (CHUTE) (BLACK)	1
11	12677	RUBBER COUPLER COVER RED	2
12	12678	RUBBER COUPLER COVER YELLOW	2
13	13442	ELBOW #6M JIC & #6 O-RING	2
14	13631	ORIFICE JIC#6 .060	1
15	13883	1/4" X 18' HYDRAULIC HOSE W/ COUPLER	6
16	13884	1/4" X 258" HYDRAULIC HOSE	2
17	13886	ELBOW #6 O-RING & #6M JIC W/ .041 ORIFICE	2
18	13888	QUICK COUPLER #8 O-RING (REPLACEMENT)	-
19	13889	O-RING #8 (REPLACEMENT)	-
20	17104	AUGER FOLD CYLINDER (FOLDING) (RED)	1
21	17317-30	INNER DOOR CYLINDER (FLOW) (YELLOW)	1

When ordering replacement parts please provide the Unit Color and Item Number



Loc	Description	Loc	Description
1	Auger OUT	2	Auger IN
3	Chute LEFT	4	Chute RIGHT
5	Door CLOSE	6	Door OPEN

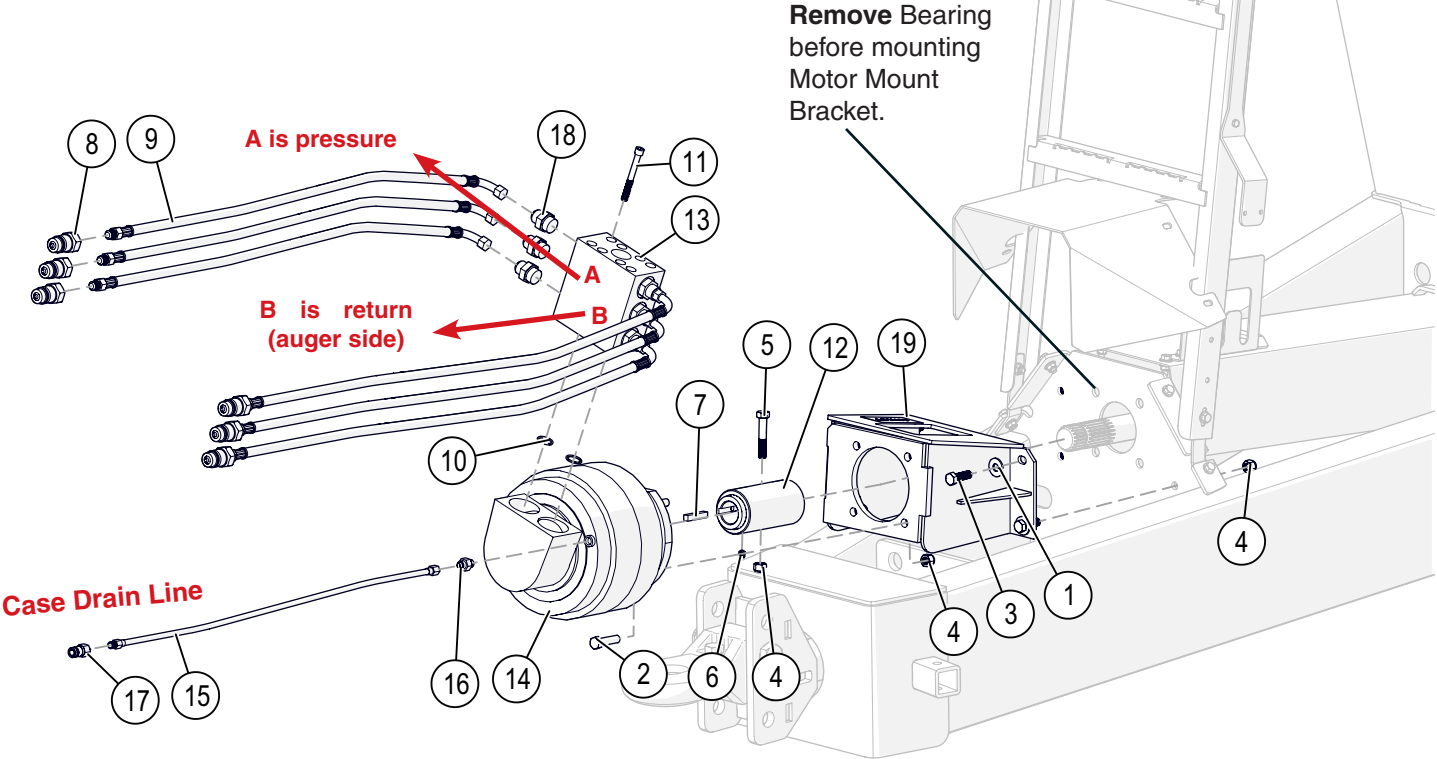
ID	Item No	Description	Qty
1	05190	1/4" X 48" HYDRAULIC HOSE	2
2	05191	1/4" X 36" HYDRAULIC HOSE	2
3	05198	RUBBER COUPLER COVER BLACK	2
4	05212	1/4" X 18" HYDRAULIC HOSE	1
5	05243	STRAIGHT #6 JIC X #6 W/ O-RING	6
6	05839	1/4" X 142" HYDRAULIC HOSE	2
7	09950	UNION #6 JIC MALE 2X	1
8	11143	ELBOW #6M JIC & #6 O-RING	2
9	12374	BULKHEAD 3/8 JIC 45° ELBOW	2
10	12522-30	ADJUSTABLE CHUTE CYLINDER (CHUTE)	1
11	13064	BLOCK HYD 3 FUNCTION FOR GRAIN CART	1
-	14084	CARTRIDGE GS04 (REPLACEMENT)	

ID	Item No	Description	Qty
-	15636	COIL (REPLACEMENT)	
12	13442	ELBOW #6M JIC & #6 O-RING	2
13	13631	ORIFICE JIC#6 .060	1
14	13786	QUICK COUPLER #10 O-RING (REPLACEMENT)	-
15	13884	1/4" X 258" HYDRAULIC HOSE	2
16	13885	1/2" X 22' HYDRAULIC HOSE W/ COUPLER	2
17	13886	ELBOW #6 O-RING & #6M JIC W/ .041 ORIFICE	2
18	13891	O-RING #10 (REPLACEMENT)	-
19	17004	HARNESS 26' HITCH/BLOCK 6 FUNC	1
20	17005	PENDANT 6/8 FUNCTION BACKLIT	1
21	17104	AUGER FOLD CYLINDER (FOLDING)	1
22	17317-30	INNER DOOR CYLINDER (FLOW)	1

When ordering replacement parts please provide the Unit Color and Item Number

NOTE:
Do Not Exceed 75 GPM
of Oil to Hydraulic Motor.
Fill motor with Hydraulic oil
BEFORE running.

ATTENTION
Case Drain Line **MUST** be connected to
Zero Return Port on Tractor before running
Hydraulic Motor.



ID	Item No	Description	Qty
1	00085	.50 FLAT WASHER	4
2	01253	BOLT .50NC X 2.00 HEX HEAD GR.5	4
3	01254	BOLT .50 NC X 1.50 GR.5 HEX	4
4	02178	NUT .50NC LOCK NY. INSERT	9
5	04797	BOLT .50NC X 2.75 GR5 HEX	1
6	05256	SET SCREW .375NC X .50 SOCKET HEAD	1
7	13535	.375 x .375 x 2.00 KEY	1
8	13786	QUICK COUPLER #10 O-RING WITH MALE TIP	6
9	13787	HYD HOSE .63 X 168 F#10 JIC ELB X M#10 O-RING	6
10	13789	REPLACEMENT O-RING F/ 13499 BLOCK	2
11	13790	REPLACEMENT CAP SCREW 3.50" F/ 13499	8
12	15110	COUPLER ASSY 1.75-20 X 1.50 KEY	1
13	15111	FS HYD MOTOR VALVE MANIFOLD	1
14	15112	FS350 HYD MOTOR	1
15	15234	HYD HOSE .38 X 168" - CASE DRAIN	1
16	15235	FTG BRITISH PARALLEL	1
17	15236	QUICK COUPLER CASE DRAIN #8 ORING	1
18	15237	FTG STR #12 MALE O-RING - #10 MALE JIC	6
19	17320	HYDRAULIC MOTOR MT F/850, 1000, & 1100	1

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TORQUE SPECIFICATIONS

Torque figures indicated are valid for non-greased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or capscrews unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

* GRADE or CLASS value for bolts and capscrews are identified by their head markings.

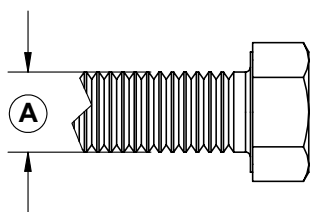
BOLT TORQUE DATA FOR STANDARD NUTS, BOLTS, AND CAPSCREWS.

Tighten all bolts to torques specified in chart unless otherwise noted. Check tightness of bolts periodically, using bolt chart as guide. Replace hardware with same grade bolt.

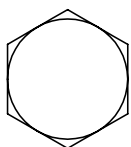
NOTE: Unless otherwise specified, high-strength Grade 5 hex bolts are used throughout assembly of equipment.

* BOLT TORQUE FOR STANDARD BOLTS						
"A"	GRADE 2		GRADE 5		GRADE 8	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
1/4"	6	(8)	9	(12)	12	(16)
5/16"	10	(13)	18	(25)	25	(35)
3/8"	20	(27)	30	(40)	45	(60)
7/16"	30	(40)	50	(70)	80	(110)
1/2"	45	(60)	75	(100)	115	(155)
9/16"	70	(95)	115	(155)	165	(220)
5/8"	95	(130)	150	(200)	225	(300)
3/4"	165	(225)	290	(390)	400	(540)
7/8"	170	(230)	420	(570)	650	(880)
1"	225	(300)	630	(850)	970	(1310)

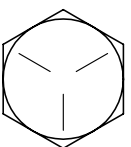
* BOLT TORQUE FOR METRIC BOLTS						
"A"	CLASS 8.8		CLASS 9.8		CLASS 10.9	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
6	9	(13)	10	(14)	13	(17)
7	15	(21)	18	(24)	21	(29)
8	23	(31)	25	(34)	31	(42)
10	45	(61)	50	(68)	61	(83)
12	78	(106)	88	(118)	106	(144)
14	125	(169)	140	(189)	170	(230)
16	194	(263)	216	(293)	263	(357)
18	268	(363)	--	--	364	(493)
20	378	(513)	--	--	515	(689)
22	516	(699)	--	--	702	(952)
24	654	(886)	--	--	890	(1206)



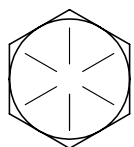
GRADE-2



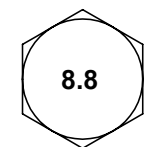
GRADE-5



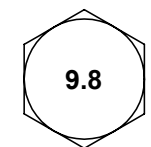
GRADE-8



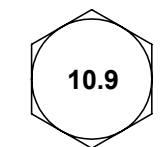
CLASS 8.8



CLASS 9.8



CLASS 10.9



When ordering replacement parts please provide the Unit Color and Item Number



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**Demco warranty policies, operator manuals, and product registration
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www.demco-products.com