

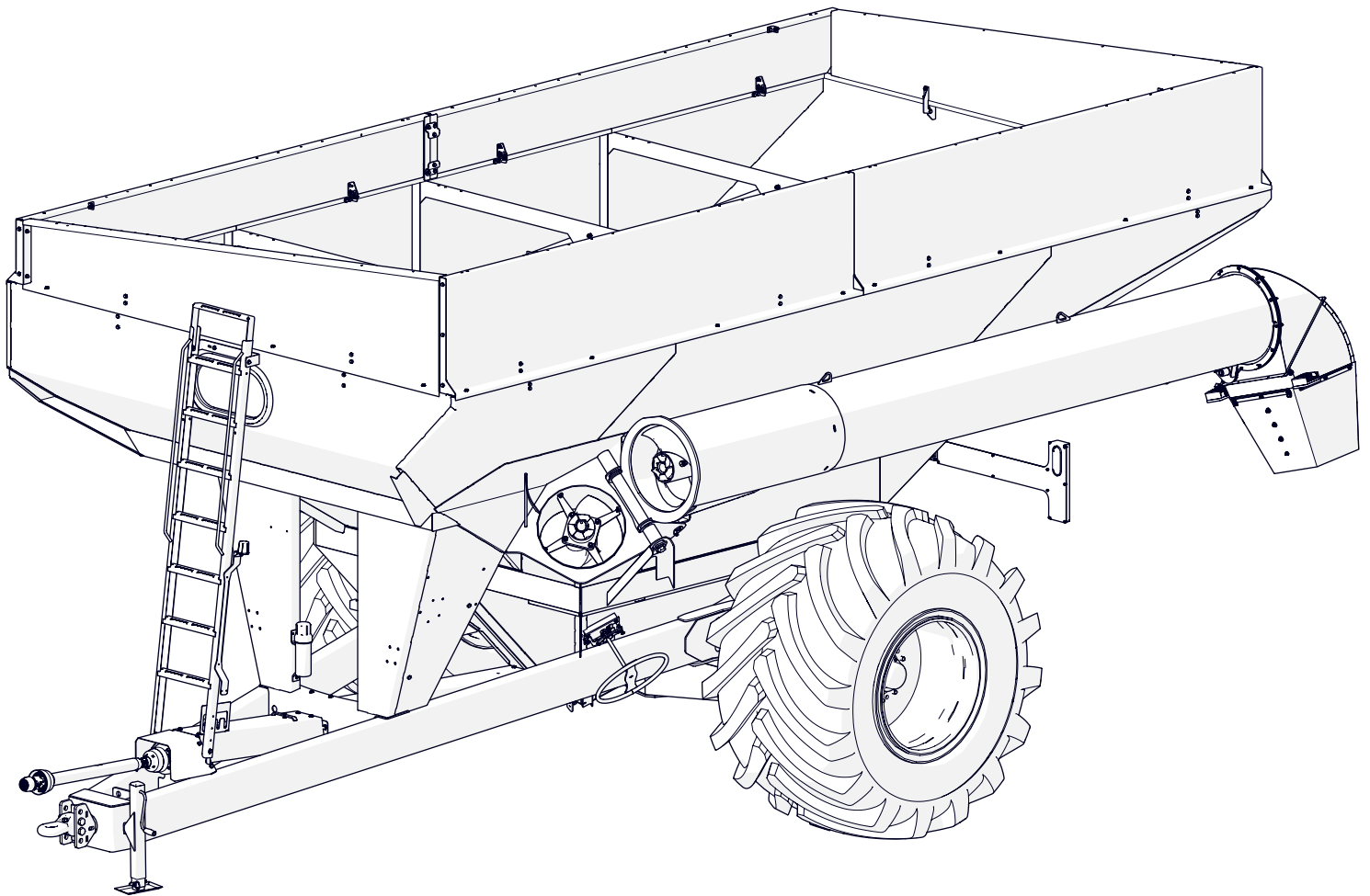


Doing Our Best to Provide You the Best

AG20053, Rev 6
2/26

GRAIN CART - SINGLE AUGER

850SA, 1000SA & 1100SA



PARTS MANUAL

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Grain Cart Information

This parts manual is for Demco Grain Carts Models: 850, 1000 and 1100 Production 2026 - Current

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

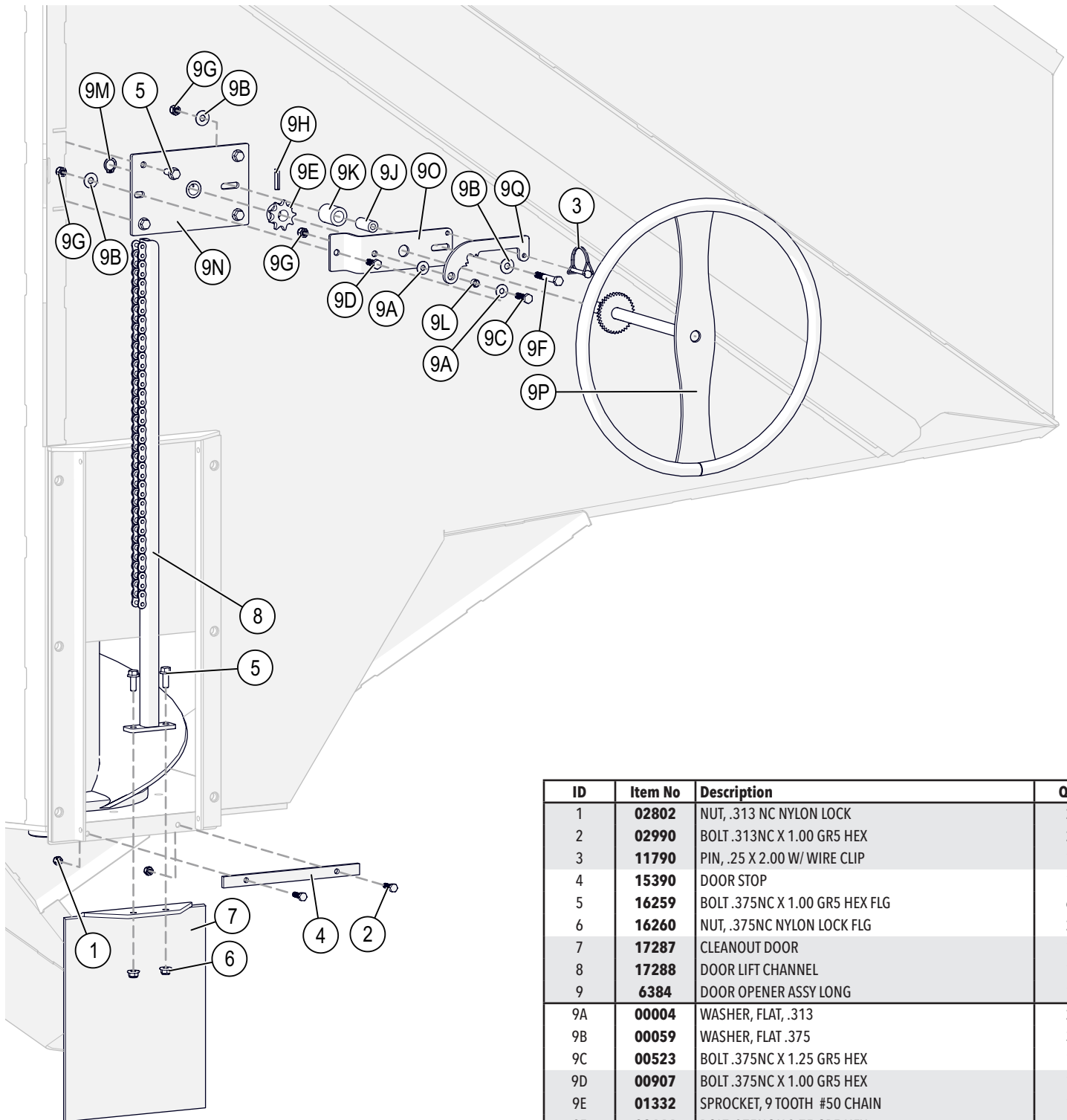
Serial Number _____

Date of Purchase _____

Dealer Information _____

Replacement Parts

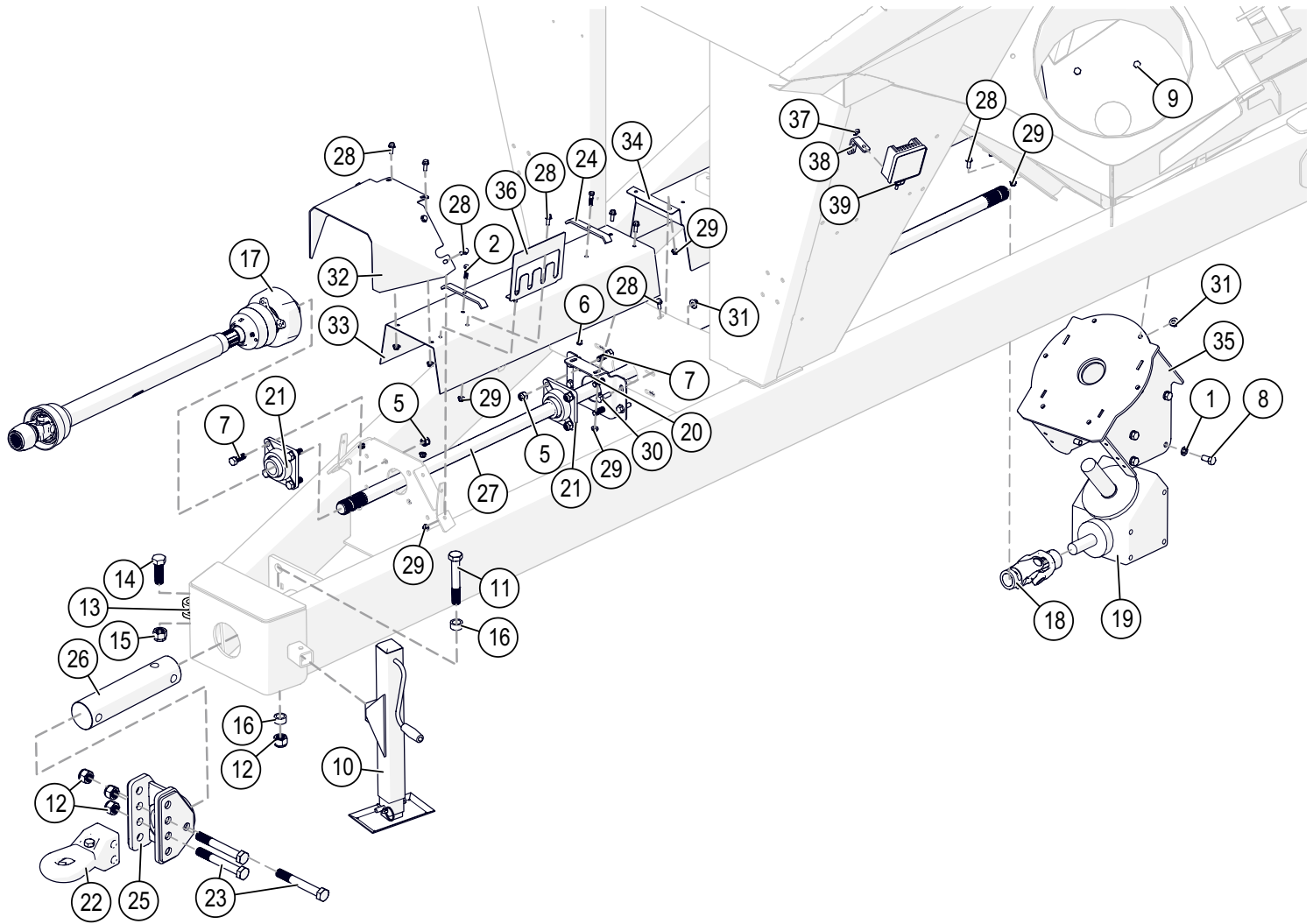
When ordering replacement parts provide the Unit Color and Item Number.



ID	Item No	Description	Qty
1	02802	NUT, .313 NC NYLON LOCK	2
2	02990	BOLT .313NC X 1.00 GR5 HEX	2
3	11790	PIN, .25 X 2.00 W/ WIRE CLIP	1
4	15390	DOOR STOP	1
5	16259	BOLT .375NC X 1.00 GR5 HEX FLG	6
6	16260	NUT, .375NC NYLON LOCK FLG	2
7	17287	CLEANOUT DOOR	1
8	17288	DOOR LIFT CHANNEL LONG	1
9	6384	DOOR OPENER ASSY LONG	1
9A	00004	WASHER, FLAT, .313	2
9B	00059	WASHER, FLAT .375	3
9C	00523	BOLT .375NC X 1.25 GR5 HEX	1
9D	00907	BOLT .375NC X 1.00 GR5 HEX	1
9E	01332	SPROCKET, 9 TOOTH #50 CHAIN	1
9F	02166	BOLT .375NC X 2.75 GR5 HEX	1
9G	02592	NUT, .375NC NYLON LOCK	3
9H	02849	ROLL PIN, .31 X 1.38	1
9I	04642	ZERK, GREASE, .25 UNF SF	1
9J	05363	BUSHING, INNER ROLLER	1
9K	05364	BUSHING, OUTER ROLLER	1
9L	13668	BUSHING	1
9M	14750	SNAP RING EXT F/ .75SHAFT	1
9N	15392	OPENER PLATE	1
9O	15395	OPENER BRACKET	1
9P	17289	DOOR LIFT WHEEL LONG	1
9Q	18466	DOOR LATCH	1

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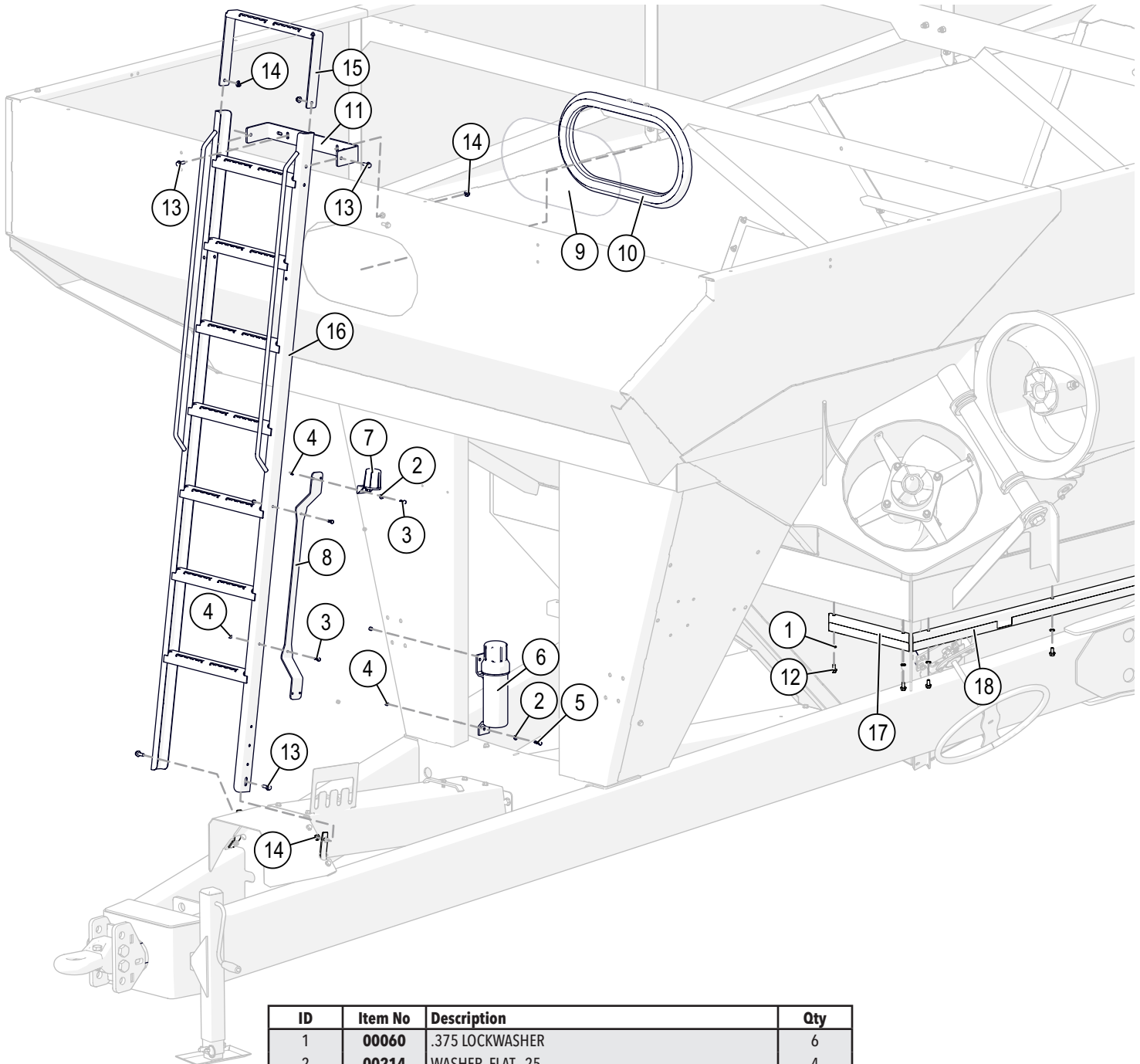
Hitch and Drive Line Assembly



ID	Item No	Description	Qty
1	00248	WASHER SPRING LOCK 0.625	8
2	00914	BOLT .375NC X 1.50 GR5 HEX	2
3	00967	BOLT .50NC X 1.25 GR5 HEX	3
4	02178	NUT, .50NC LOCK, NY. INSERT	3
5	02587	NUT, .625 NC NYLON LOCK	8
6	02592	NUT, .375NC NYLON LOCK	2
7	03698	BOLT .625NC X 1.75 GR5 HEX	8
8	05366	BOLT .625NC X 1.25 GR5 HEX	8
9	07272	BOLT .50NC X 1.50 GR8 HEX	6
10	09219	JACK	1
11	09454	BOLT 1.0NF X 6.50 GR8 HEX	2
12	09455	NUT, 1.0NF NYLON INSERT HEX	2
13	12154	40,500 LB SAFETY CHAIN	1
14	12323	HEX BOLT 1.00-8UNC X 3.00	1
15	12477	1"-8 UNC NYLON INSERT NUT	1
16	13321	HITCH BOLT BUSHING	2
17	13325	PTO SHAFT W/1.75-20 SPLINE, AUTO CLUTCH 12K, 14 SERIES	1
-	13475	PTO TRACTOR HALF	-
-	18190	SMALL 1000 PTO TRACTOR HALF	-
-	18192	SMALL 1000 PTO	-
18	13326	UNIVERSAL JOINT 1-3/4"-20 TO 1-3/4"-6	1
19	13339	COMER IND. GEARBOX	1
-	17562	SUPERIOR GEARBOX	-
-	15911	SEAL DOUBLE LIP COMER GEARBOX OUT SHAFT	-

ID	Item No	Description	Qty
-	15912	SEAL DOUBLE LIP COMER GEARBOX IN SHAFT	-
20	13347	BEARING MOUNT	1
21	13411	BEARING 1.75" 4-BOLT FLANGE	2
22	13479	HITCH BASE AUSTEMPERED W/ INSERTS	1
23	13510	BOLT 1.0NF X 7.50 GR8 HEX	3
24	13575	HOSE KEEPER, 4-6 HOSES	2
25	13982	HITCH MOUNT	1
26	14014	HITCH PIN	1
27	14918	DRIVE SHAFT, 20 SPLINE	1
28	16259	BOLT .375NC X 1.00 GR5 HEX FLG	14
29	16260	NUT, .375NC NY LOCK FLANGE	14
30	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	4
31	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	10
32	17282	PTO SHAFT COVER/STEP	1
33	17283	PTO SHIELD FRONT	1
34	17285	PTO SHIELD REAR	1
35	18621	GEARBOX MNT2, COMER	1
-	18622	GEARBOX MNT2, SUPERIOR	1
36	18682	HOSE HOLDER- 4 HOSE	1
HARVEST VISION SIDE LIGHT PACKAGE			
37	01863	GROMMET .625 OD X .375 ID X .25 THK	1
38	12555	LIGHT BRACKET	1
39	18747	LIGHT WORK LED 12V-36V W/WEATHER PACK	2

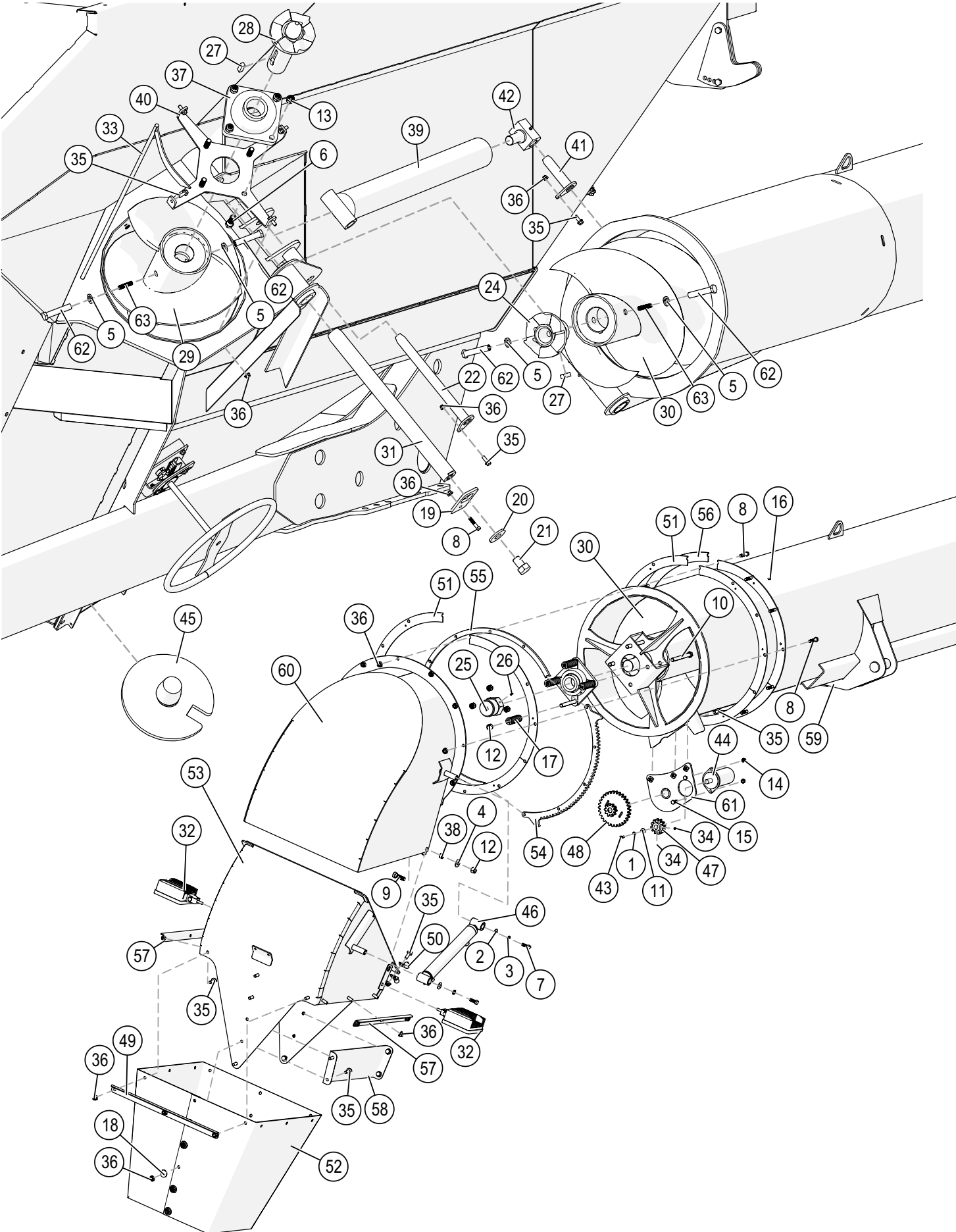
When ordering replacement parts please provide the Unit Color and Item Number



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	2
10	14362	WINDOW GASKET SEAL	2
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

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

Auger Assembly

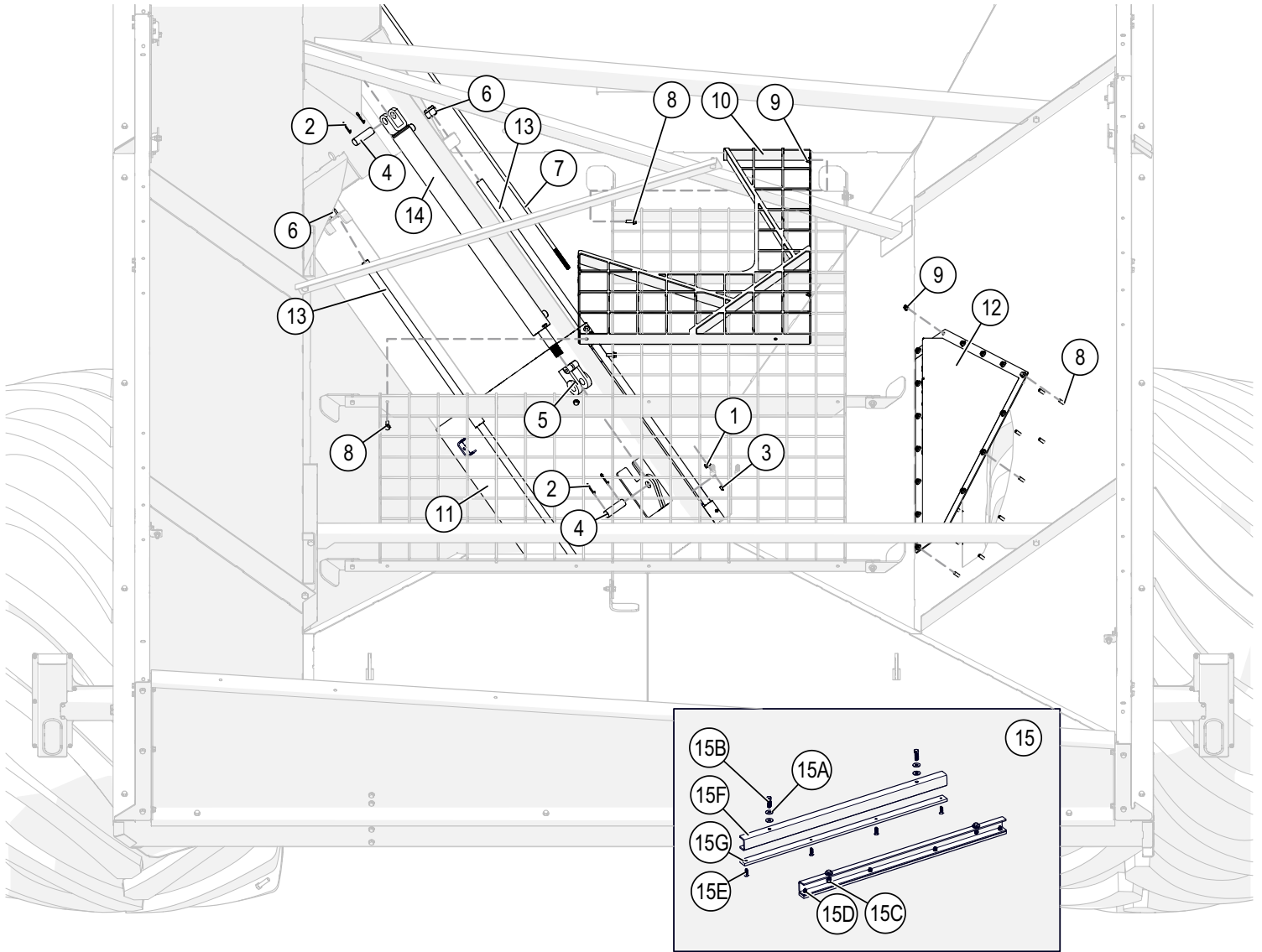


When ordering replacement parts please provide the Unit Color and Item Number

ID	Item No	Description	Qty
1	00057	WASHER, .25 SPRING LOCK	1
2	00059	WASHER, FLAT .375	2
3	00060	.375 LOCKWASHER	2
4	00085	.50 FLAT WASHER	2
5	00254	.75" LOCKWASHER	4
6	00290	BOLT .625NC X 2.00 GR5 HEX	4
7	00907	BOLT .375NC X 1.00 GR5 HEX	2
8	00908	BOLT .375NC X 1.75 GR5 HEX	13
9	01254	BOLT .50NC X 1.50 GR5 HEX	2
10	01975	BOLT .50NC X 5.00 GR5 HEX	4
11	02002	WASHER, FLAT, .25	1
12	02178	NUT, .50NC LOCK, NY. INSERT	9
13	02587	NUT, .625 NC NYLON LOCK	4
14	02802	NUT, .313 NC NYLON LOCK	2
15	02990	BOLT .313NC X 1.00 GR5 HEX	2
16	04642	ZERK, GREASE, .25 UNF SF	6
17	09168	SPRING, COMPRESSION	4
18	09229	WASHER, FENDER, 10MM	10
19	13010	AUGER PIN PLATE	1
20	13011	AUGER PIN WASHER	1
21	13012	1.0"-8NC X 1.50 HEX BOLT GR5	1
22	13340	LOWER HYD CYL PIN	1
23	13411	BEARING 1.75" 4-BOLT FLANGE	1
24	13414	DRIVE CASTING OUTER W/ KEYWAY	1
25	13424	NUT SPACER NUT	1
26	13521	SET SCREW .25NC X .375 SOCKET CUP POINT	1
27	13538	.50 x .50 x 1.75" KEY	2
28	14110	INNER DRIVE CASTING	1
29	14861	INNER AUGER, 18.75"	1
-	17437-61	CHROME AUGER FLIGHTING INNER	-
30	14862	OUTER FLIGHTING	1
-	17438-61	CHROME AUGER FLIGHTING OUTER	-
31	14900	AUGER PIN F/ 1252	1

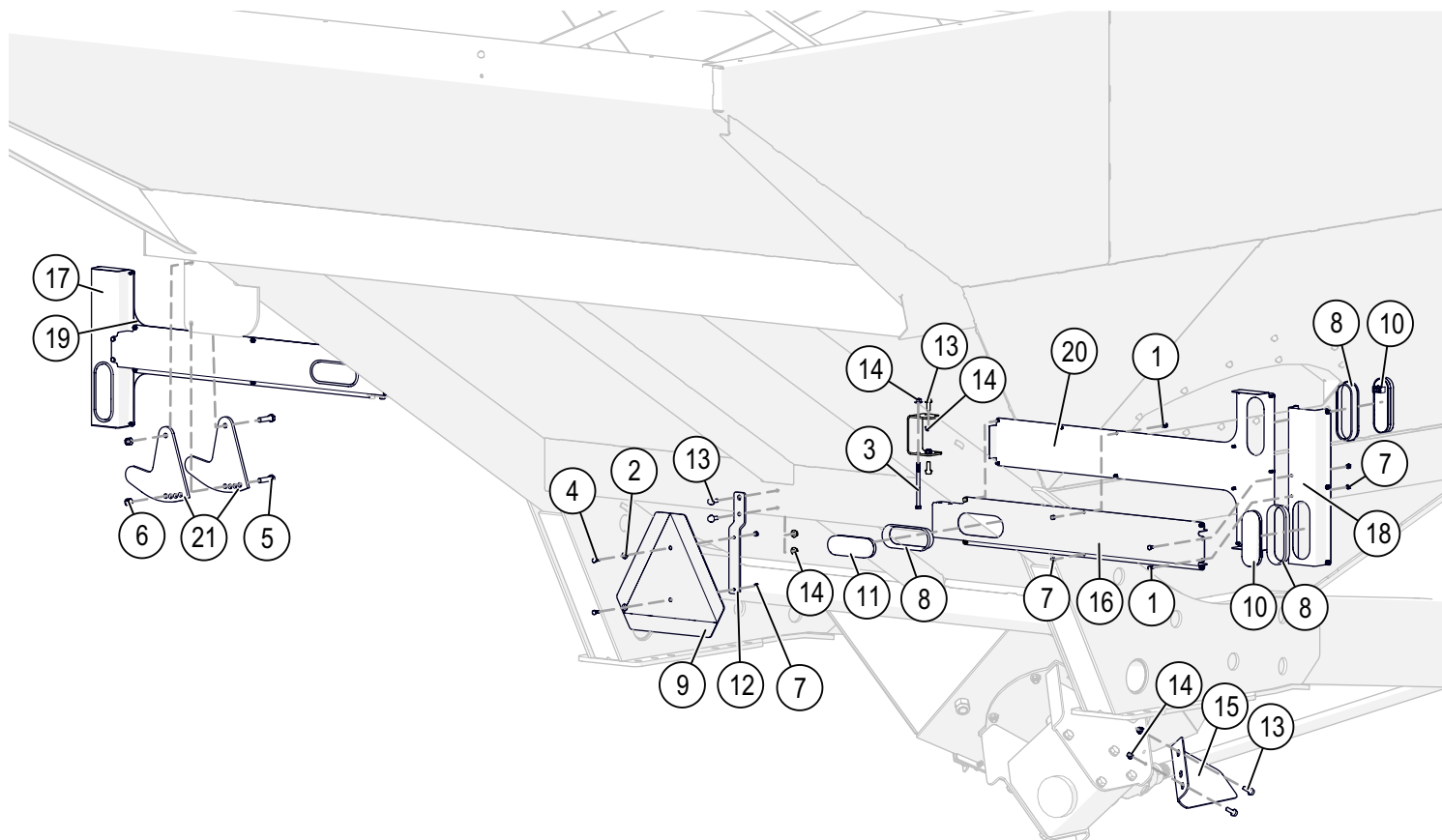
ID	Item No	Description	Qty
32	18747	LIGHT WORK LED 12V-36V	2
33	14937	INNER DOOR INDICATOR	1
34	16041	SET SCREW 10-24 X .50 SOCKET CUP POINT	2
35	16259	BOLT .375NC X 1.00 GR5 HEX FLG	31
36	16260	NUT, .375NC NY LOCK FLANGE	41
37	16414	2.5" IPTCI BEARING	1
38	16571	DOOR BUSHING	2
39	17104	HYD CUSHION CLY 3.50" X 24.00"	1
40	17307	BEARING MOUNT PLATE 20" AUGER	1
41	17309	UPPER CYLINDER PIN 1.25	1
42	17310	HYDRAULIC CYLINDER END SMALL	1
43	17758	BOLT .25NF X .75 GR5 HEX	1
44	18528	HYD MOTOR BMMZ 50	1
45	18564	LOWER DRIVE PLATE	1
46	18596	CYLINDER ASSEMBLY, 1.50 X 8, .75 ROD	1
47	18598	DRIVE GEAR	1
48	18599	INTERMEDIATE GEAR	1
49	18613	SIDE STRAP SUPPORT	2
50	18615	HOSE CLAMP F/.25 HYD HOSE	4
51	18616	PIVOT SHIM	6
52	18617	RUBBER EXTENSION 20	1
53	18663	END CHUTE	1
54	18664	GEAR SEGMENT	1
55	18665	PIVOT SPACER 20	2
56	18666	CLAMP PLATE 20	3
57	18667	SIDE STRAP SUPPORT 20	2
58	18669	20" SPOUT DIVIDER	1
59	18671	OUTER AUGER TUBE 20" 4-WAY	1
60	18672	ROTATIONAL CHUTE 20"	1
61	18674	MOTOR MOUNT 20	1
62	18785	AUGER BARREL NUT F/ 20" AUGER	4
63	18787	STUD .50NC X 2.00 GR. BD	2
-	AG21071	DECAL, DOOR OPEN / CLOSED (NOT SHOWN)	-

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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 NY LOCK FLANGE	21
10	17296	MESH CORNER	1
11	17297	INNER DOOR	1
12	17298	FENDER	1
13	17306	DOOR SLIDE ROD, THREADED	2
14	17317	HYD. CYLINDER 2.5" X 30.00" STROKE	1
15	6485	SINGLE AUGER SMALL GRAIN DOOR SEAL KIT (OPTIONAL)	1
15A	00059	WASHER, FLAT .375	8
15B	00523	BOLT .375NC X 1.25 GR5 HEX	4
15C	02592	NUT, .375NC NYLON LOCK	4
15D	02772	NUT, .25NC LOCK NYLON INSERT	8
15E	07082	BOLT .25NC X 1.00 FLAT HEAD TORX	8
15F	18468	SPACER CHANNEL	2
15G	18469	PLATE, WEAR	2

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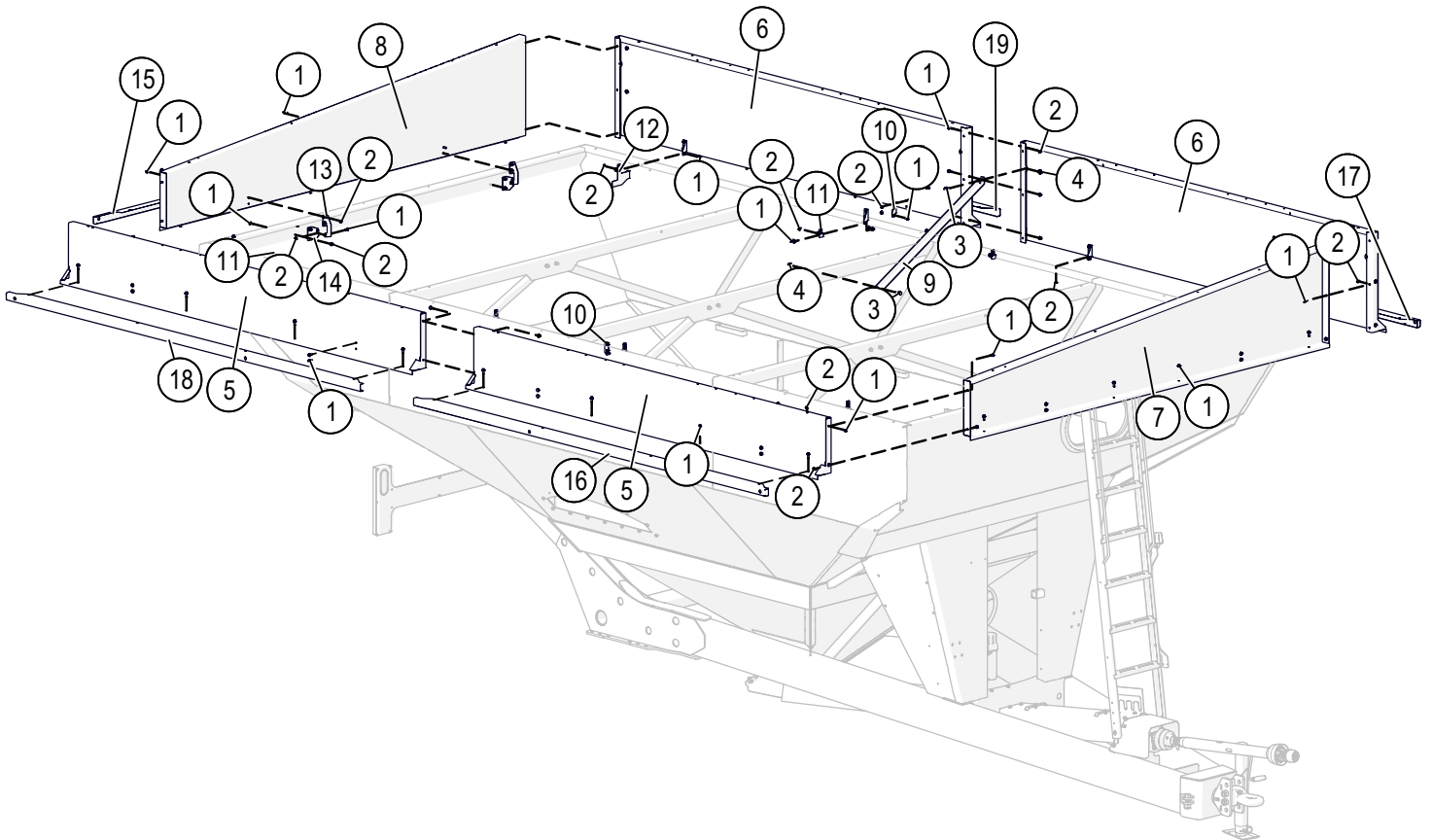


ID	Item No	Description	Qty
1	00092	BOLT .25NC X .50 GR5 HEX	26
2	00214	WASHER, FLAT, .25	2
3	00675	BOLT .375NC X 5.00 GR5 HEX HEAD	2
4	01076	BOLT .25NC X .75 GR5 HEX	2
5	01253	BOLT .50NC X 2.00 GR5 HEX	2
6	02178	NUT, .50NC LOCK, NY. INSERT	2
7	02772	NUT, .25NC LOCK NYLON INSERT	28
8	03652	GROMMET RUBBER 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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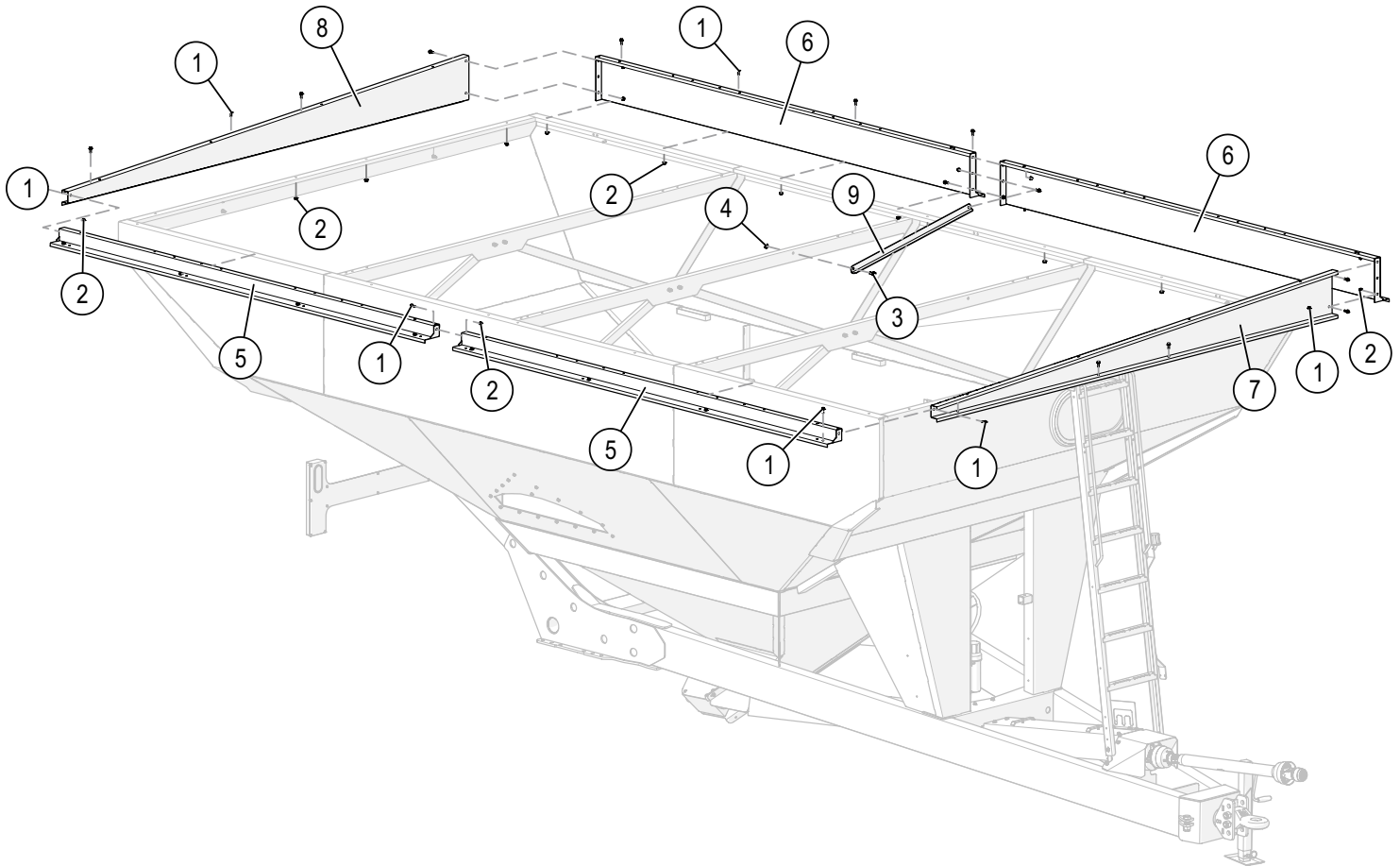
Extensions

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
HARVEST VISION MARKER LIGHT BRACKETS			
15	18575	SIDE MARKER LIGHT MT REAR 1100 SA	1
16	18576	SIDE MARKER LIGHT MT RH FRONT 1100 SA	1
17	18577	SIDE MARKER LIGHT MT LH FRONT 1100 SA	1
18	18578	SIDE MARKER LIGHT MT RH REAR 1100 SA	1
19	18579	SIDE MARKER LIGHT MT LH REAR 1100 SA	1
SIDE MARKER LIGHT NOT AVAILABLE FOR 850 SA			

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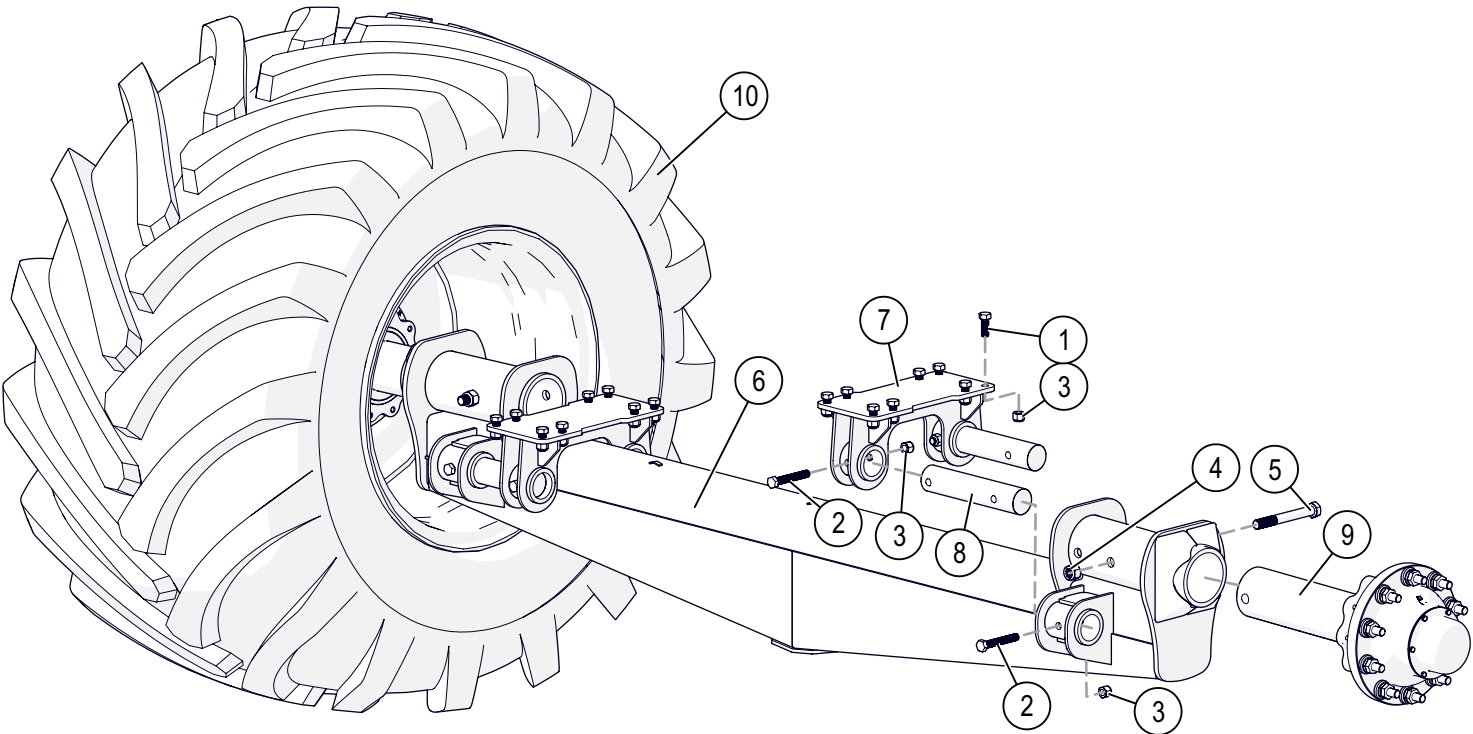


ID	Item No	Description	Qty
1	16259	BOLT .375NC X 1.00 GR5 HEX FLG	34
2	16260	NUT, .375NC NYLON LOCK FLG	34
3	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	1
4	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	1
5	17595	RH EXTENSION 850 GC	2
6	17596	LH EXTENSION 850 GC	2
7	17597	FRONT EXTENSION 850 GC	1
8	17598	REAR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

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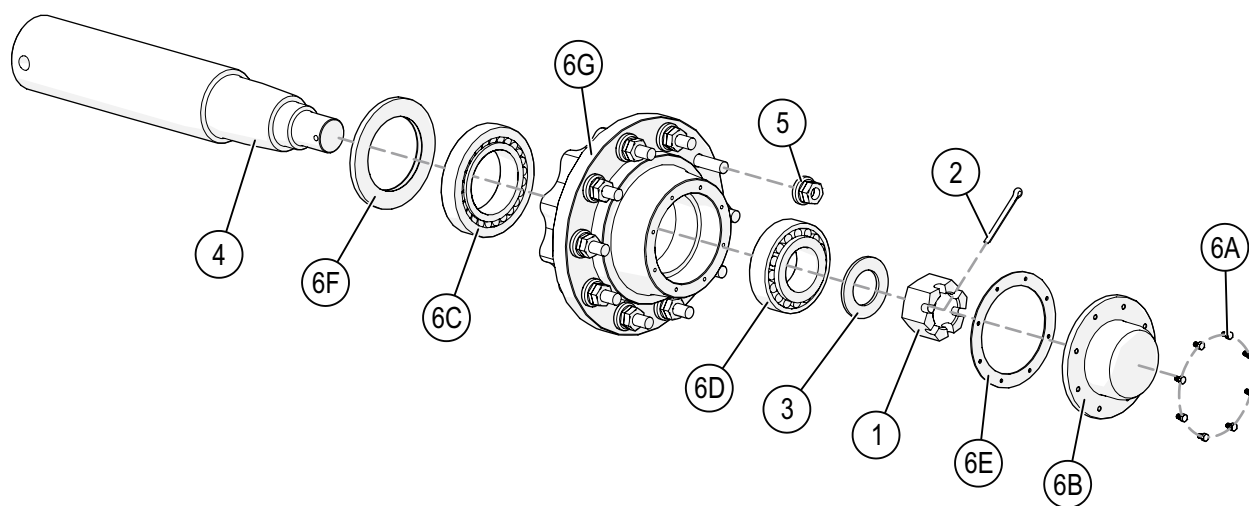
Wheel Axle Assembly

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/ 1000 & 1100 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
-	14757	WHEEL 32 X 36 ONE PIECE SILVER	-
-	9445225	900/60R32 WHEEL/TIRE	-
-	09381	WHEEL 32 X 27 DW 10 BOLT SILVER	-
-	9445231-60	1250/50R32 WHEEL/TIRE	-
-	16886	WHEEL 32 X 44 ONE PIECE 10 BOLT SILVER	-

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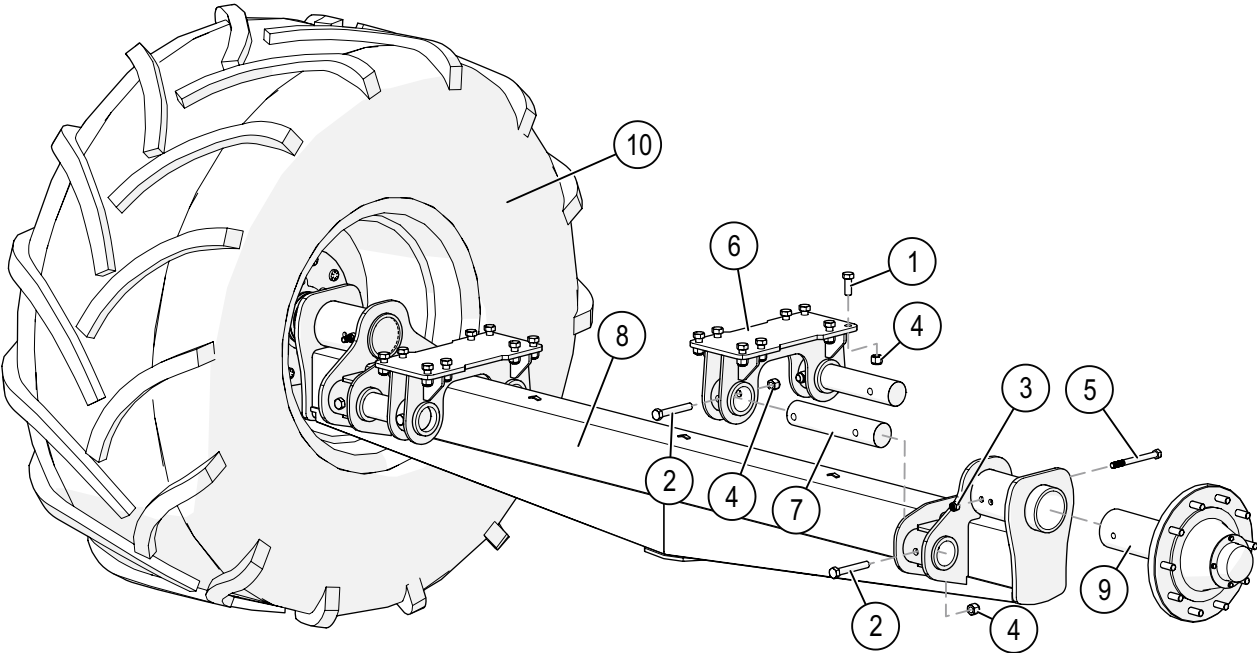


ID	Item No	Description	Qty
1	13899	NUT 2.50-12" SLOTTED HEX	1
2	13911	.375" X 4.0" COTTER PIN	1
3	14017	WASHER 4.50 O.D. x 2.63 I.D. x .25	1
4	14489	SPINDLE F/ 35K HUB	1
5	15830	WHEEL NUT 22MM LOCKING	10
6	6053	HUB 35K BRAKING 10 BOLT	1
6A	04305	BOLT, 5/16NC X .50 GR5 HEX	8
6B	13901	HUB CAP F/ 50K HUB	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
-	14026	REPLACEMENT STUD	-

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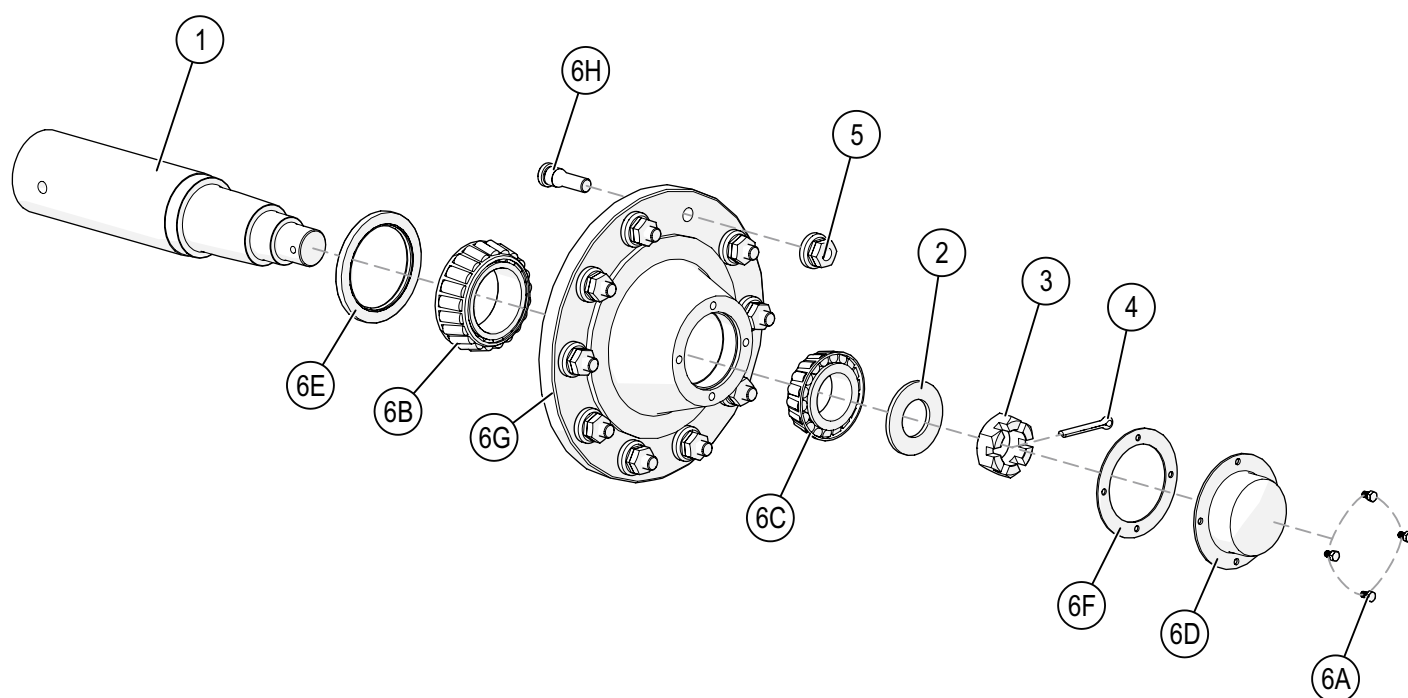
Wheel Axle Assembly

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	-

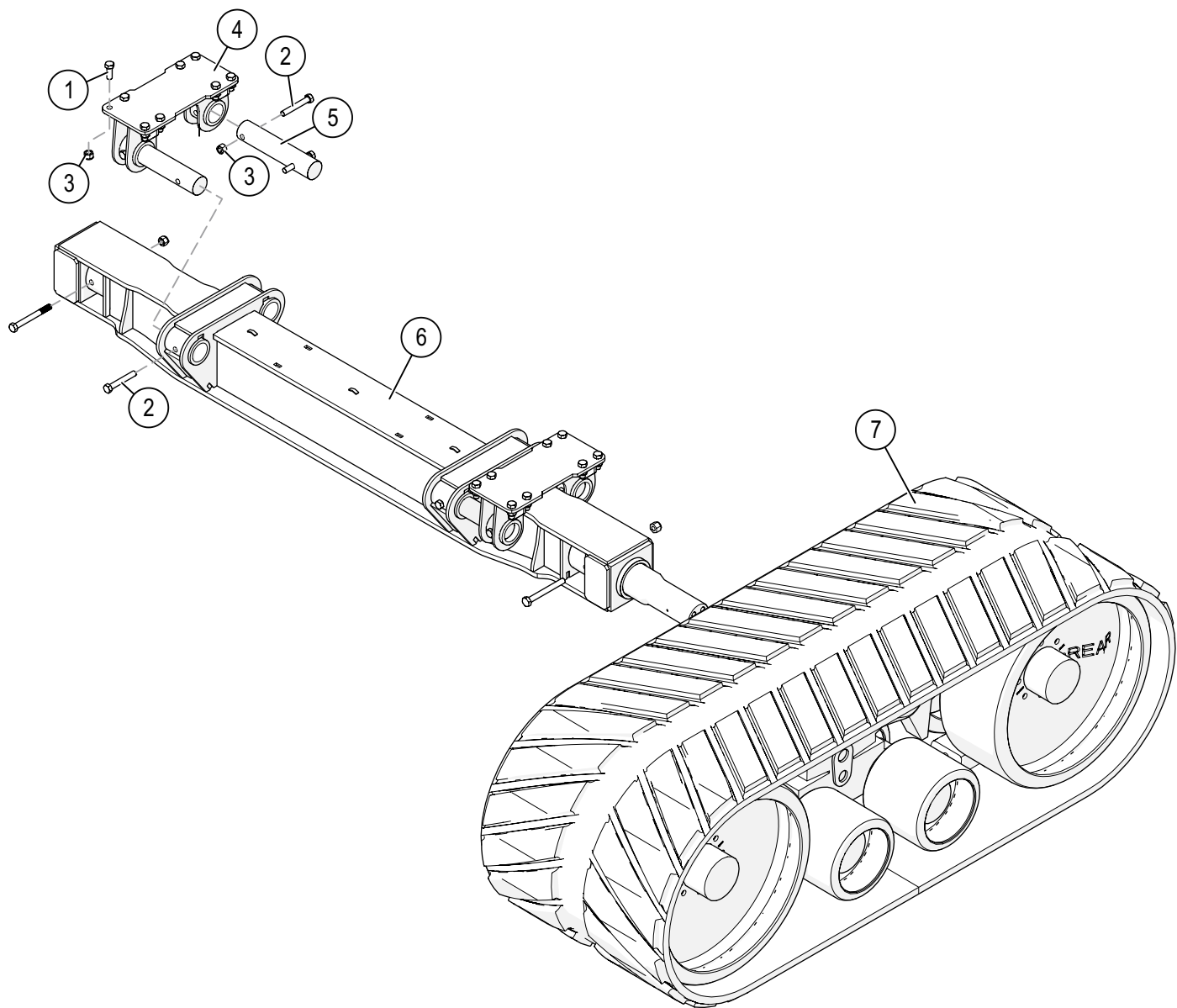
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ID	Item No	Description	Qty
1	09204	SPINDLE, 4.5" GRAIN CART	1
2	09444	HUB/ SPINDLE WASHER	1
3	09445	NUT 2.0 NF SLOTTED HEX	1
4	09446	.375" X 3.0" COTTER PIN	1
5	07435	WHEEL NUT FLANGED .750NF	10
6	5938	HUB ASSEMBLY 10-BOLT, DUCTILE	1
6A	04305	BOLT, 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	12525	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

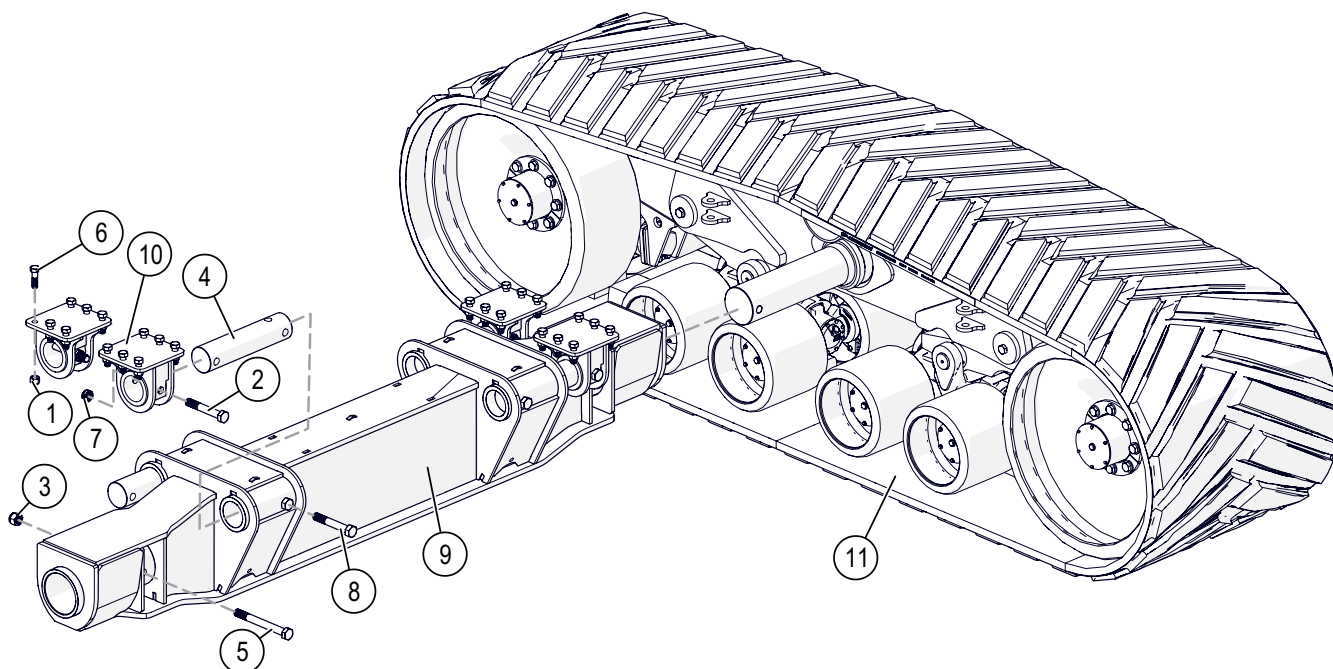
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2 Bogie Track Axle Assembly



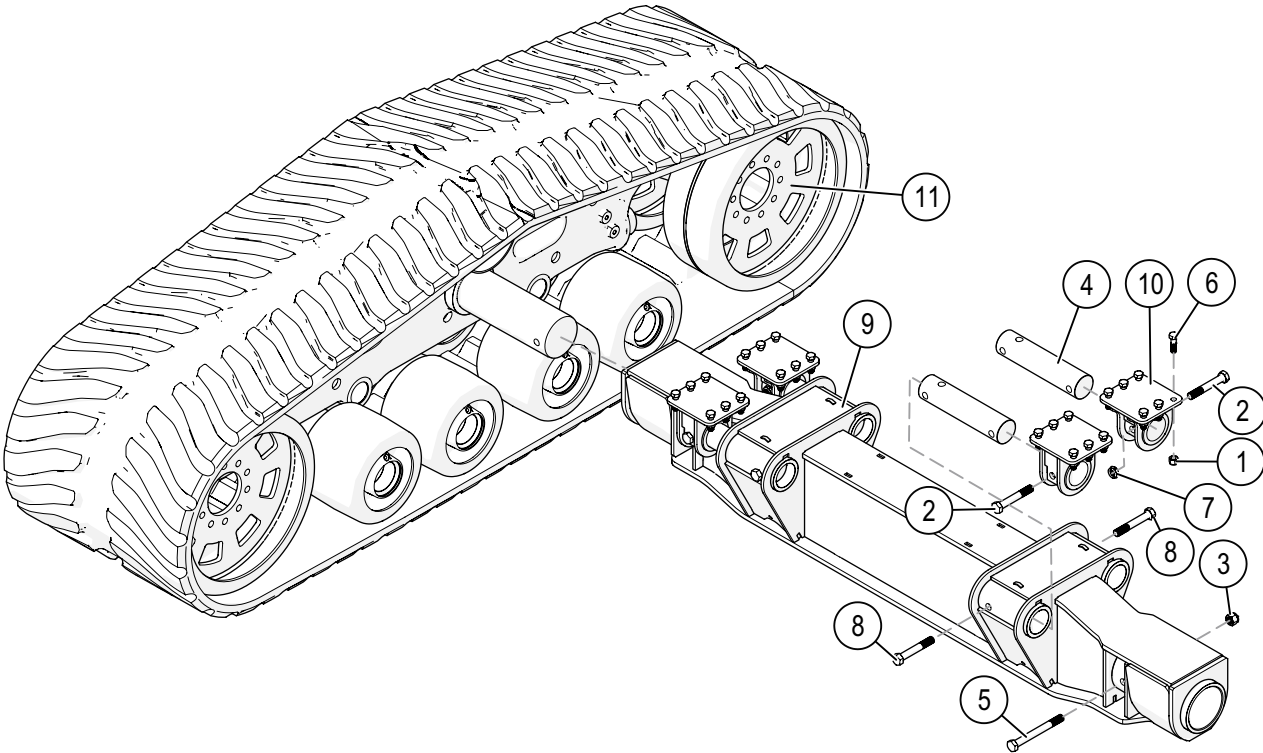
ID	Item No	Description	Qty
1	01235	BOLT .75NC X 2.00 GR5 HEX	16
2	02389	.75NC X 5.00 GR5 HEX BOLT	8
3	02961	.75NC NYLON INSERT LOCK NUT	20
4	17261	WEIGHBAR MOUNT 2.875" TALL	2
5	17312	WEIGH BAR BLANK 2.875	4
6	17802	1000/1100 SA TRACK AXLE	1
7	6386	TRACK CARRIAGE KIT	1

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



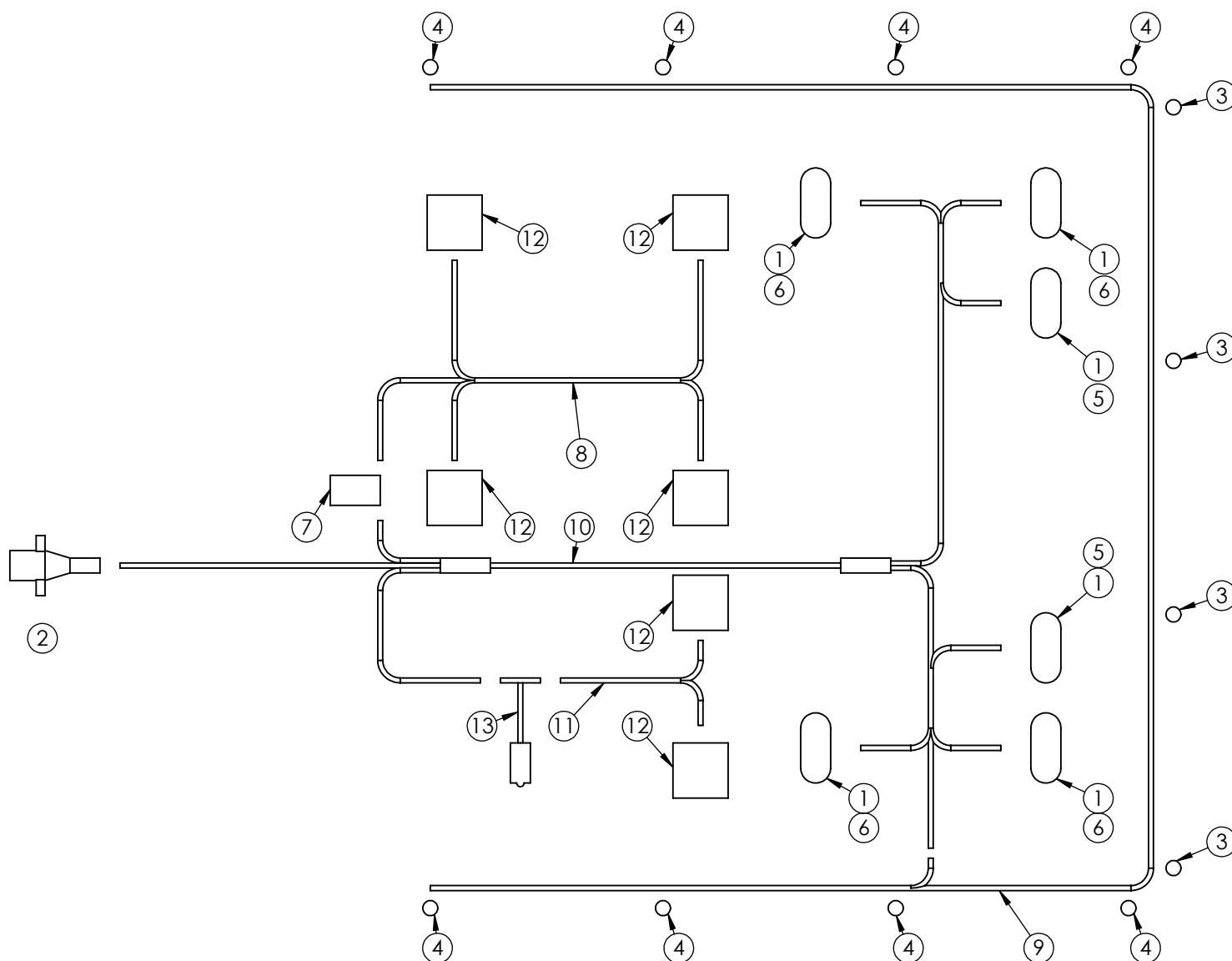
ID	Item No	Description	Qty
1	02961	.75NC NYLON INSERT LOCK NUT	24
2	09454	BOLT 1.0NF X 6.50 GR8 HEX	4
3	09455	NUT, 1.0NF NYLON INSERT HEX	2
4	14014	PIN HITCH 3.75 OD	4
5	14029	BOLT 1.0NF X 9.50 GR8 HEX	2
6	14700	BOLT .75NC X 2.50 GR8 HEX	24
7	17444	NUT, 1.0NF NYLON INSERT HEX JAM	4
8	17445	BOLT 1.00-8UNC X 6.50 GR.8	4
9	17809	AXLE 4 BOGIE, CAMSO	1
10	18403	WEIGHBAR MOUNT	4
11	6295	TRACK CARRIAGE KIT	1

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



ID	Item No	Description	Qty
1	02961	NUT, .75NC LOCK NYLON INSERT	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	17444	NUT, 1.0NF NYLON INSERT HEX JAM	4
8	17445	BOLT 1.00-8UNC X 6.50 GR.8	4
9	17729	AXLE 4 BOGIE, SOUCY	1
10	18403	WEIGHBAR MOUNT	4
11	6445	TRACK CARRIAGE SOUCY	1

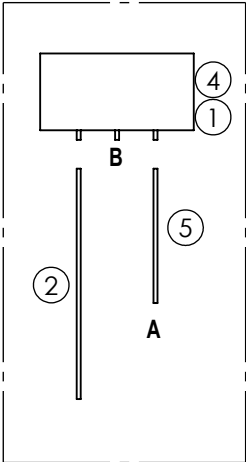
When ordering replacement parts please provide the Unit Color and Item Number



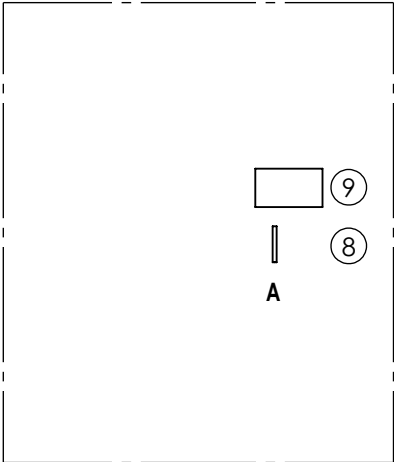
ID	Item No	Description	Qty
1	03652	GROMMET RUBBER OVAL	6
2	07416	PLUG CONNECTOR 7-WAY MALE	1
3	12962	MARKER LIGHT RED (OPTIONAL)	4
4	12963	MARKER LIGHT YELLOW (OPTIONAL)	8
5	14923	LIGHT 2.3" X 6.5" LED RED	2
6	14924	LIGHT 2.3" X 6.5" LED YELLOW	4
7	18529	WIRELESS REMOTE CONTROL F/ WORK LIGHTS (OPTIONAL)	1
8	18531	HARNESS WORK LIGHT F/ SA GRAIN CART (OPTIONAL)	1
9	18534	HARNESS MARKER LIGHTS SA (OPTIONAL)	1
10	18556	HARNESS WIRE F/ SA GC	1
11	18625	HARNESS WIRE SPOUT LIGHTS	1
12	18747	LIGHT WORK LED W/ WEATHER PACK PLUG	6
13	18748	LIGHT SWITCH ASSEMBLY W/ WEAHER PACK PLUG	1

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

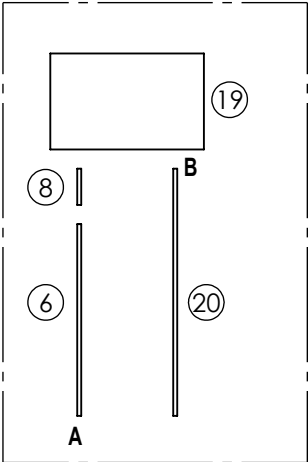
640M SCALE



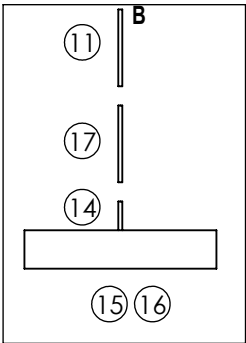
WIRELESS SCALE



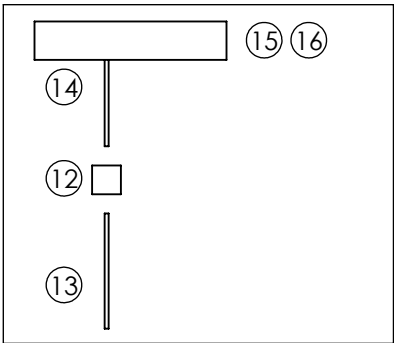
SCALE TEC SCALE



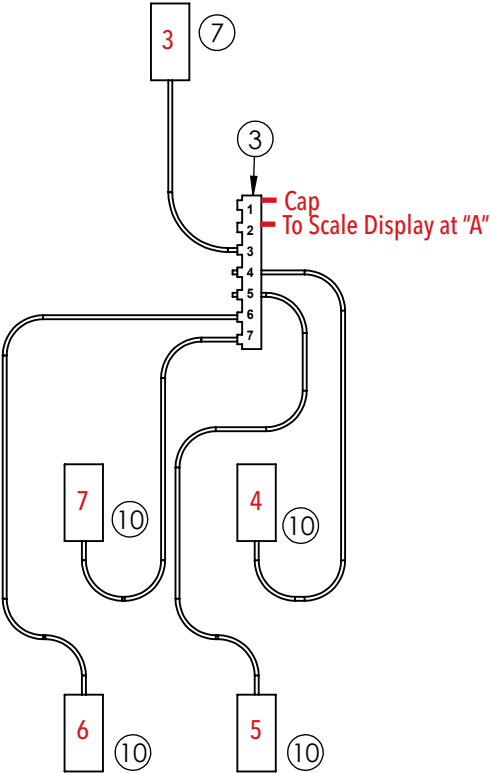
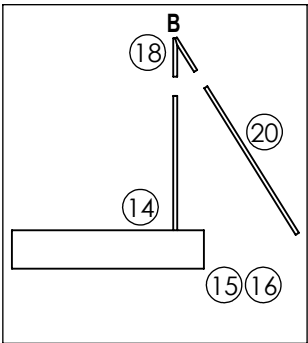
OPTIONAL REMOTE
DISPLAY FOR 640M



OPTIONAL REMOTE
DISPLAY FOR WIRELESS

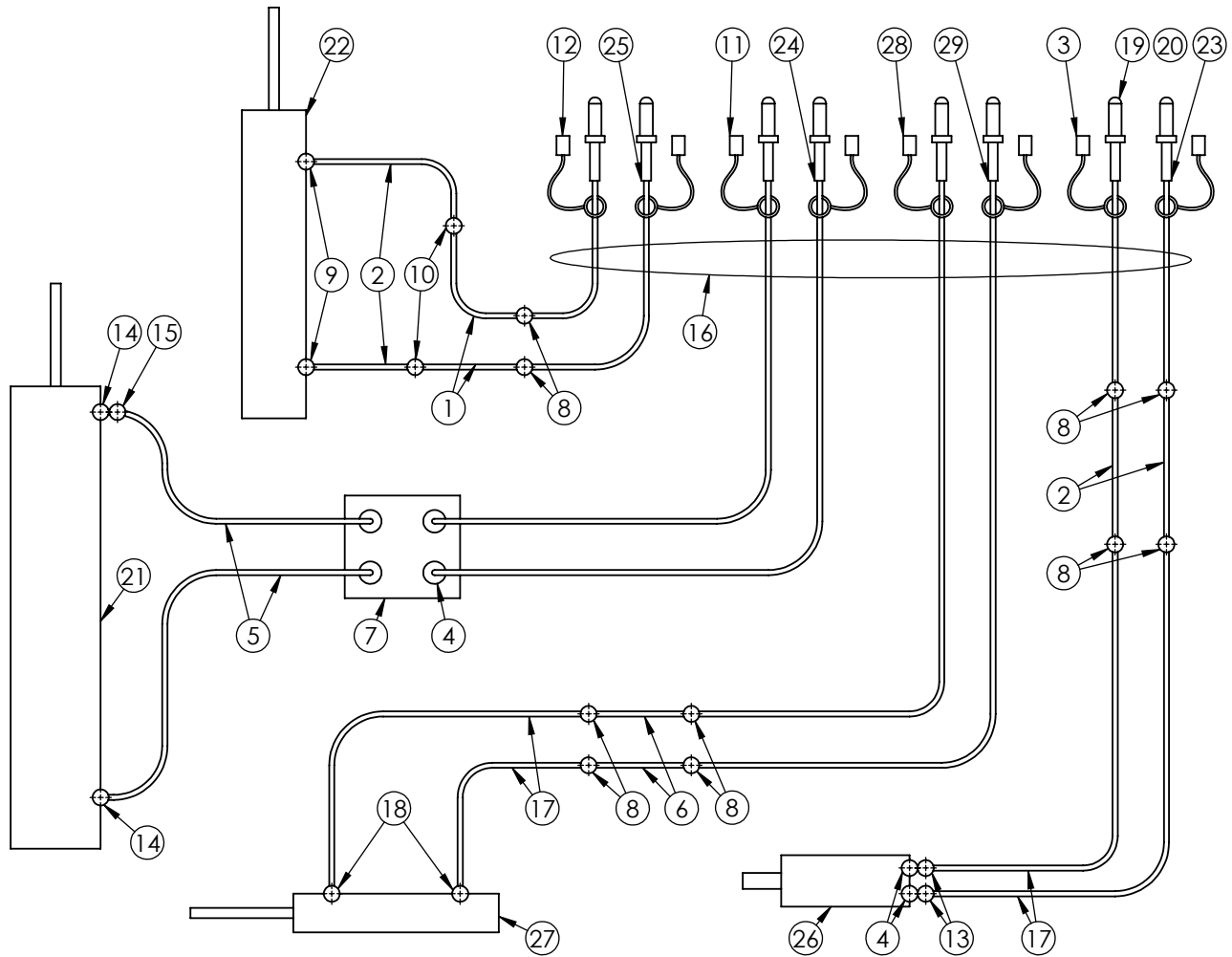


OPTIONAL REMOTE
DISPLAY FOR SCALE TEC



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	12264	HARNESS 25 JUNCTION BOX TO CONSOLE	1
6	13266	HARNESS 15 JUNCTION BOX TO CONSOLE (OPTIONAL)	1
7	13983	WEIGHBAR 3.75 x 15.75 W/ CABLE	1
8	14992	CABLE F/ WIRELESS SCALE 5P TO AMP 3FT	1
9	15968	CONTROL BOX F/ WIRELESS SCALE	1
-	15360	BATTERY AA 3.6V LITHIUM (REPLACEMENT)	-
10	17299	WEIGHBAR 2.875 W/ CABLE	4
-	13983	WEIGHBAR 3.75 x 15.75 W/ CABLE (4 BOGIE TRACK ONLY)	4
11	18199	CABLE EXTENSION 10' F/ REMOTE DISPLAY (OPTIONAL)	1
12	18356	SERIAL LINK DATA INTERFACE MODULE	1
13	18358	SERIAL LINK POWER CABLE	1
14	18430	REMOTE DISPLAY 4"	1
15	18478	REMOTE DISPLAY MOUNT (NOT SHOWN)	1
16	18479	DISPLAY MOUNT (NOT SHOWN)	1
17	18491	CABLE F/ REMOTE DISPLAY TO 640M 10'	1
18	18533	Y CABLE F/ SCALE TEC REMOTE DISPLAY	1
19	18559	SCALE TEC INDICATOR	1
20	18560	HARVEST MATE ISO 2.0 CABLE 30'	1

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

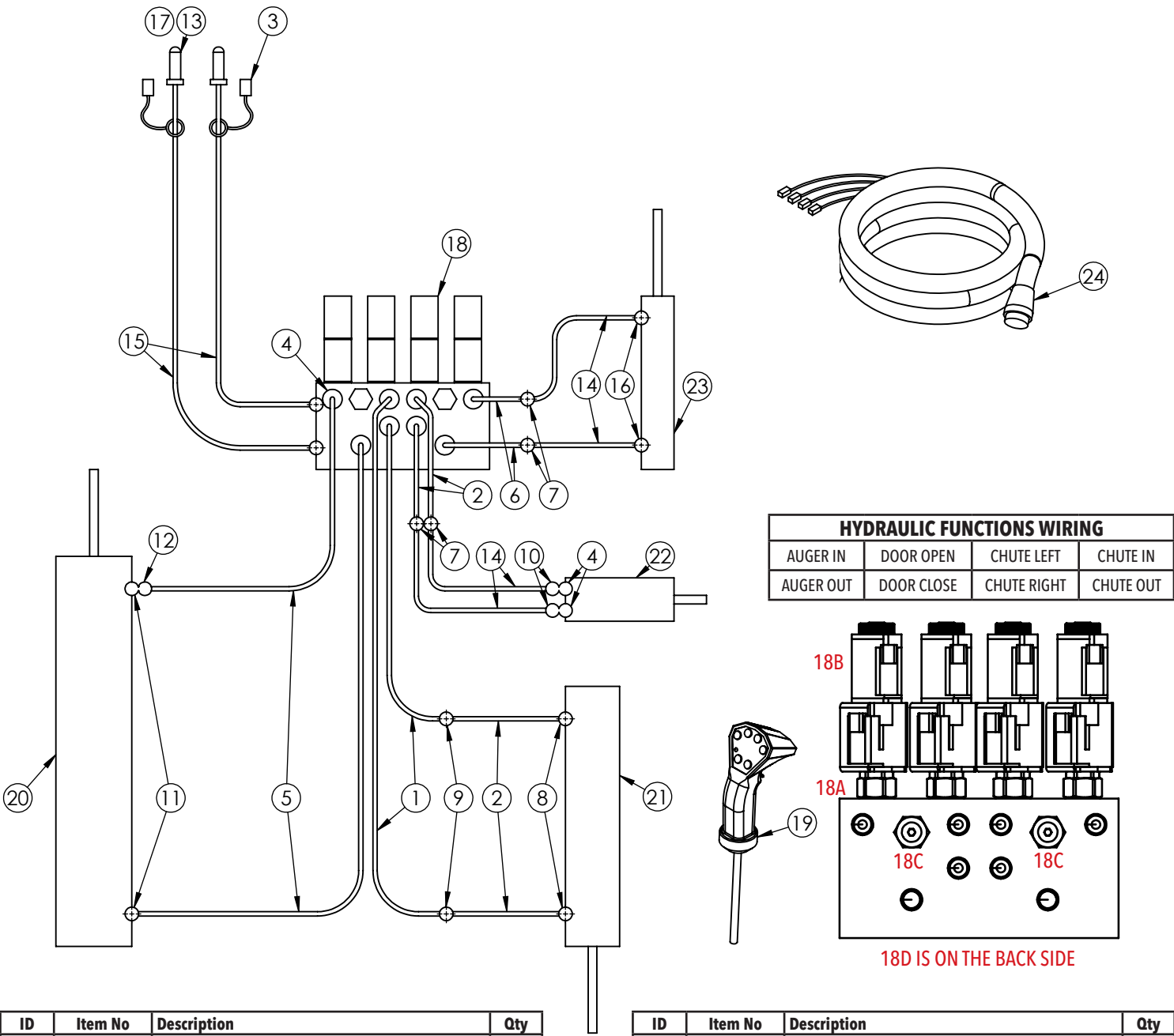


ID	Item No	Description	Qty
1	05190	1/4" X 48" HYDRAULIC HOSE	2
2	05191	1/4" X 36" HYDRAULIC HOSE	4
3	05198	RUBBER COUPLER COVER BLACK	2
4	05243	STRAIGHT #6 JIC X #6 W/ O-RING	6
5	05839	1/4" X 142" HYDRAULIC HOSE	2
6	07071	1/4" X 72" HYDRAULIC HOSE	2
7	07582	PILOT OPERATED CHECK VALVE 4 WAY	1
8	09950	UNION #6 JIC MALE 2X	10
9	11143	ELBOW #6M JIC & #6 O-RING	2
10	12374	BULKHEAD 3/8 JIC 45° ELBOW	2
11	12677	RUBBER COUPLER COVER RED	2
12	12678	RUBBER COUPLER COVER YELLOW	2
13	13255	ORIFICE JIC#6 .045	2
14	13442	ELBOW #6M JIC & #10 O-RING	2
15	13631	ORIFICE JIC#6 .060	1

ID	Item No	Description	Qty
16	13883	1/4" X 18" HYDRAULIC HOSE W/ COUPLER	8
17	13884	1/4" X 258" HYDRAULIC HOSE	4
18	13886	ELBOW #6 O-RING & #6M JIC W/ .041 ORIFICE	2
19	13888	QUICK COUPLER #8 O-RING (REPLACEMENT)	-
20	13889	#8 HYDRAULIC O-RING (REPLACEMENT)	-
21	17104	AUGER FOLD CYLINDER (FOLDING) (RED)	1
22	17317-30	INNER DOOR CYLINDER (FLOW) (YELLOW)	1
23	17515	TUBBING HEAT SHRINK 1.00 DIA BLACK	1.5'
24	17516	TUBBING HEAT SHRINK 1.00 DIA RED	1.5'
25	17517	TUBBING HEAT SHRINK 1.00 DIA YELLOW	1.5'
26	18528	HYDRAULIC MOTOR F/ SPOUT (CHUTE ROTATE) (BLACK)	1
27	18596-30	ADJUSTABLE CHUTE CYLINDER (CHUTE TILT) (GREEN)	1
28	18623	RUBBER COUPLER COVER GREEN	2
29	18624	TUBBING HEAT SHRINK 1.00 DIA GREEN	1.5'

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

Backlit Pendant Hydraulic Schematic



ID	Item No	Description	Qty
1	05190	1/4" X 48" HYDRAULIC HOSE	2
2	05191	1/4" X 36" HYDRAULIC HOSE	4
3	05198	RUBBER COUPLER COVER BLACK	2
4	05243	STRAIGHT #6 JIC X #6 W/ O-RING	10
5	05839	1/4" X 142" HYDRAULIC HOSE	2
6	07071	1/4" X 72" HYDRAULIC HOSE	2
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	13255	ORIFICE JIC#6 .045	2
11	13442	ELBOW #6M JIC & #10 O-RING	2
12	13631	ORIFICE JIC#6 .060	1
13	13786	QUICK COUPLER #10 O-RING (REPLACEMENT)	-
14	13884	1/4" X 258" HYDRAULIC HOSE	4

ID	Item No	Description	Qty
15	13885	1/2" X 22' HYDRAULIC HOSE W/ COUPLER	2
16	13886	ELBOW #6 O-RING & #6M JIC W/ .041 ORIFICE	2
17	13891	#10 HYDRAULIC O-RING (REPLACEMENT)	-
18	16407	HYDRAULIC BLOCK 8 FUNCTION	1
18A	18707	REXROTH CARTRIDGE (REPLACEMENT)	-
18B	18708	REXROTH COIL GZ37 (REPLACEMENT)	-
18C	18709	REXROTH PO CHECK (REPLACEMENT)	-
18D	18710	REXROTH TANK CHECK (REPLACEMENT)	-
19	17005	PENDANT 8 FUNCTION BACKLIT	1
-	17060	PENDANT 12' EXTENSION HARNESS (OPTIONAL)	-
20	17104	AUGER FOLD CYLINDER (FOLDING)	1
21	17317-30	INNER DOOR CYLINDER (FLOW)	1
22	18528	HYDRAULIC MOTOR F/ SPOUT (CHUTE ROTOATE)	1
23	18596-30	ADJUSTABLE CHUTE CYLINDER (CHUTE TILT)	1
24	18683	HARNESS 26' HITCH/BLOCK 8 FUNCTION SA	1

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

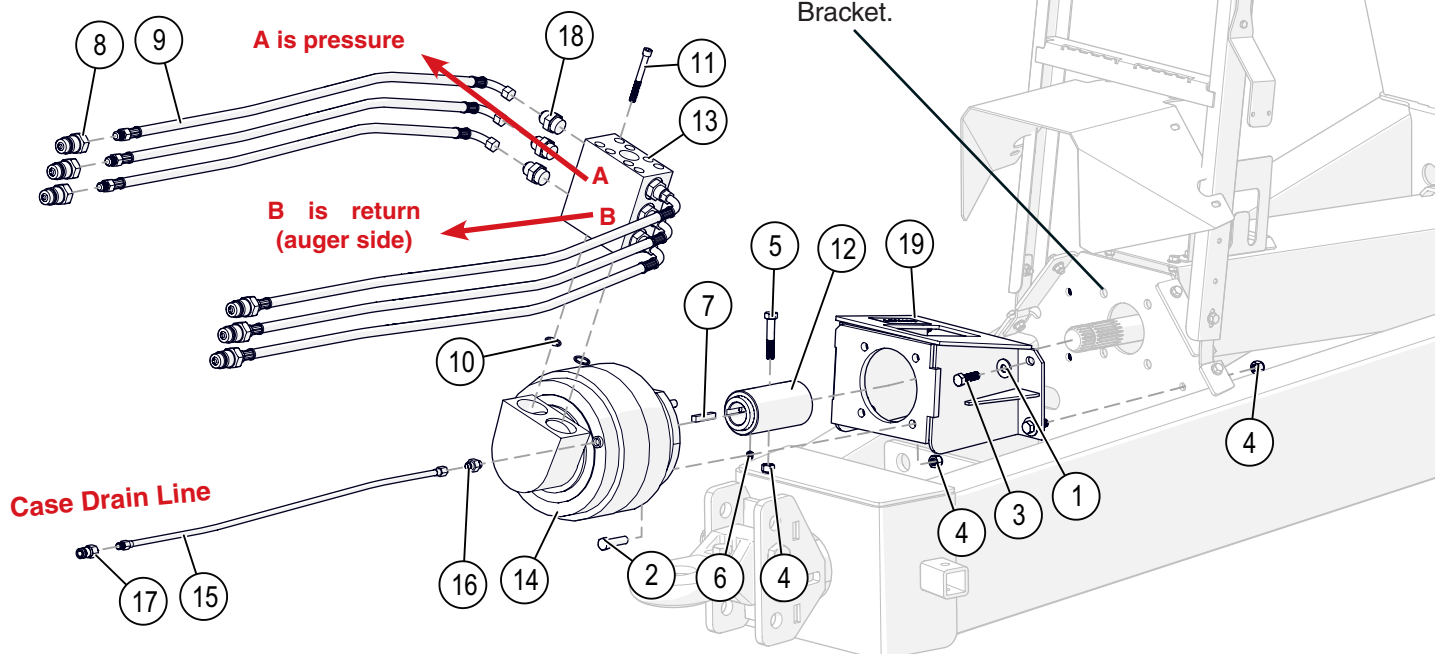
NOTE:

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.

Remove Bearing
before mounting
Motor Mount
Bracket.



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

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



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.

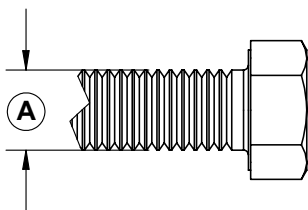
BOLT TORQUE DATA FOR STANDARD NUTS, BOLTS, AND CAPSCREWS.

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.

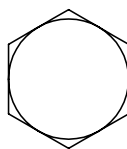
NOTE: Unless otherwise specified, high-strength Grade 5 hex bolts are used throughout assembly of equipment.

* 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)

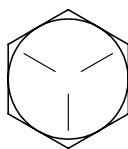
* BOLT TORQUE FOR METRIC BOLTS						
"A"	CLASS 8.8		CLASS 9.8		CLASS 10.9	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
6	9	(13)	10	(14)	13	(17)
7	15	(21)	18	(24)	21	(29)
8	23	(31)	25	(34)	31	(42)
10	45	(61)	50	(68)	61	(83)
12	78	(106)	88	(118)	106	(144)
14	125	(169)	140	(189)	170	(230)
16	194	(263)	216	(293)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



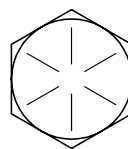
GRADE-2



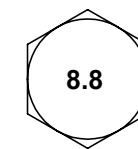
GRADE-5



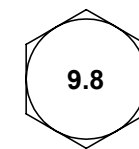
GRADE-8



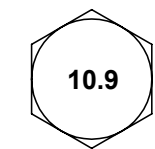
CLASS 8.8



CLASS 9.8



CLASS 10.9



DEMCO

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Toll Free: 1-800-54DEMCO (1-800-543-3626)

**Demco warranty policies, operator manuals, and product registration
can be found online:**

www.demco-products.com