

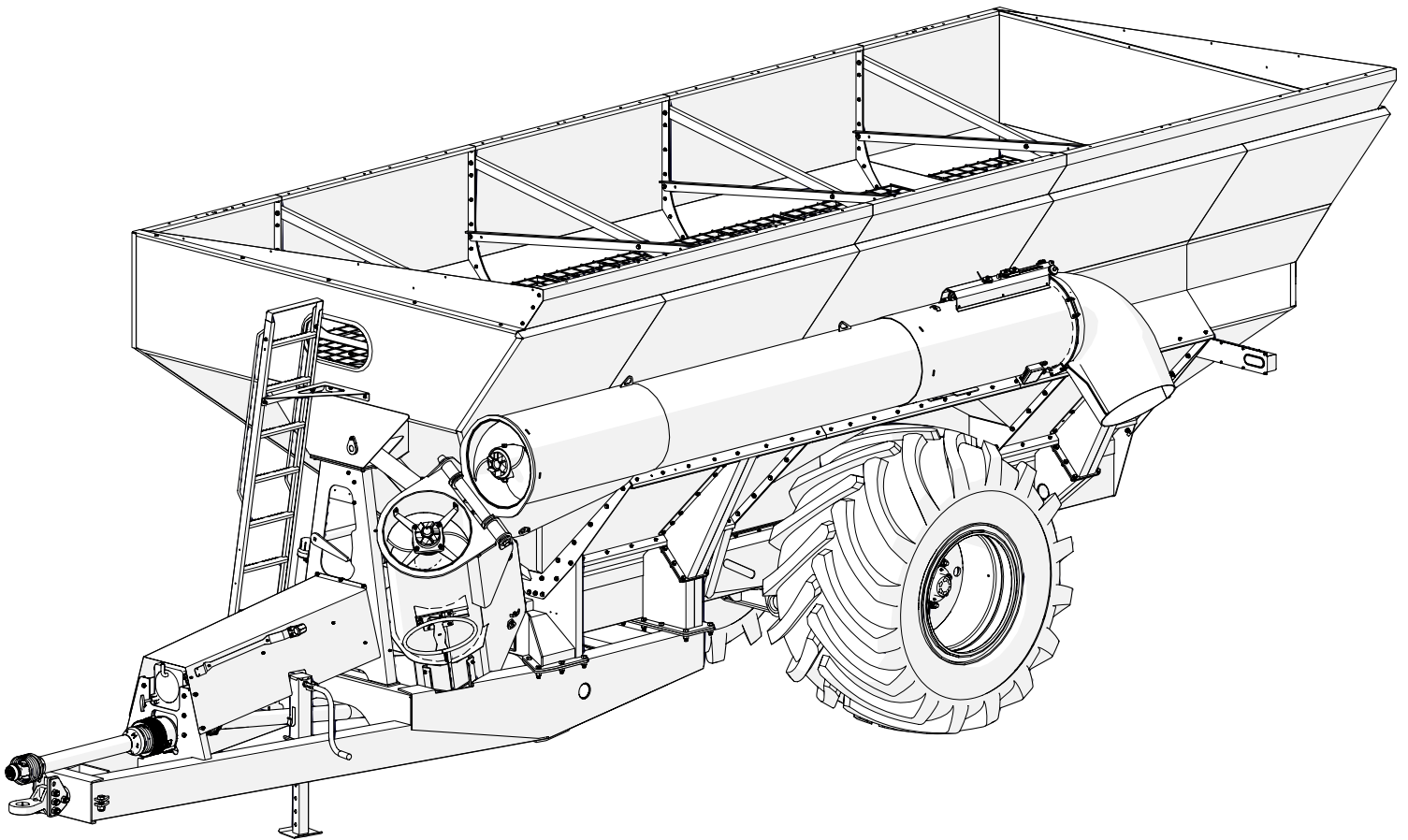


Doing Our Best to Provide You the Best

AG20048, Rev 6
3/21

GRAIN CART - DUAL AUGER

1100DA & 1300DA



PARTS MANUAL

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Grain Cart Information

This parts manual is for Demco Grain Carts Models: 1100 and 1300 Production 2021 - Current

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

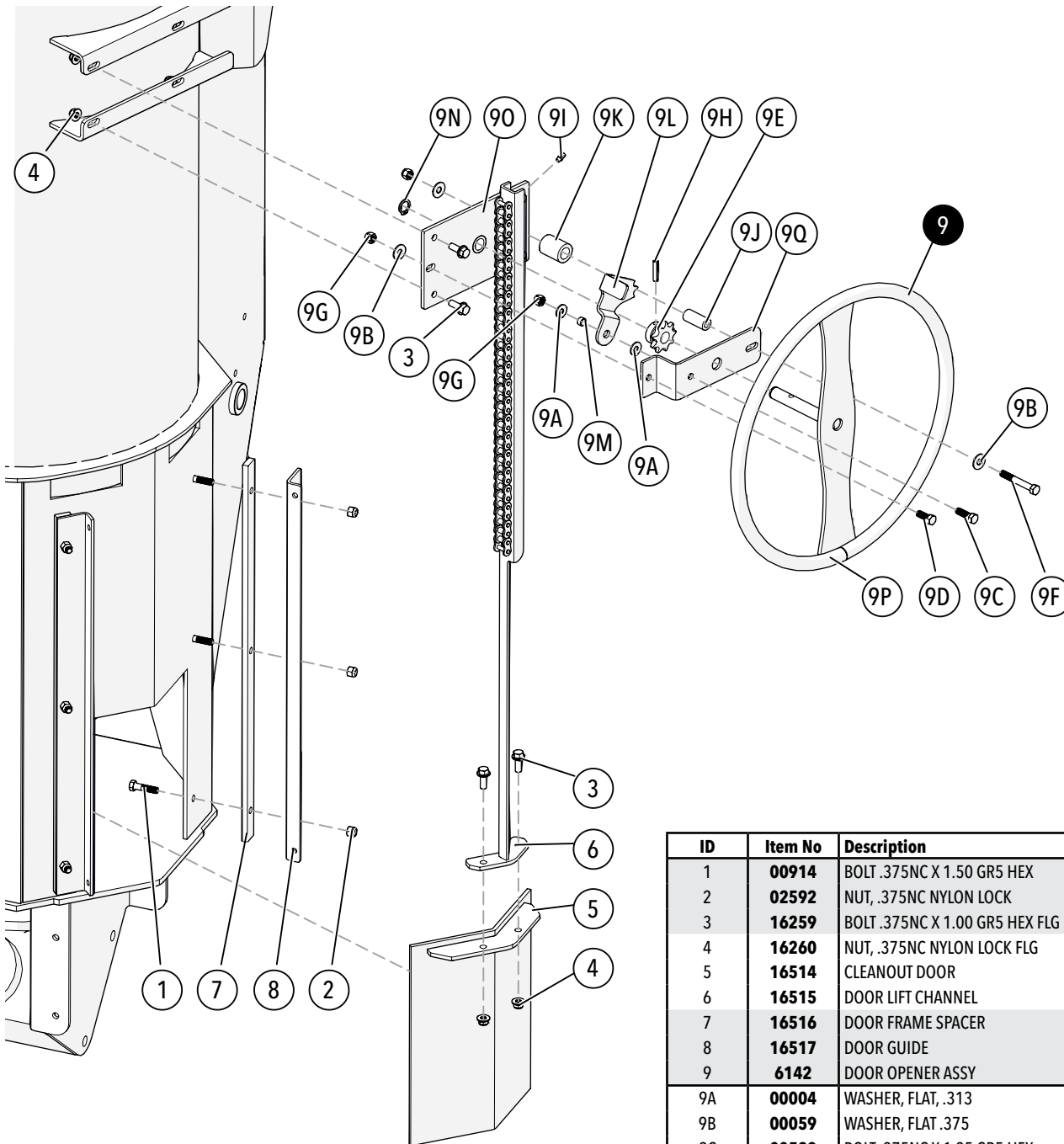
Serial Number _____

Date of Purchase _____

Dealer Information _____

Replacement Parts

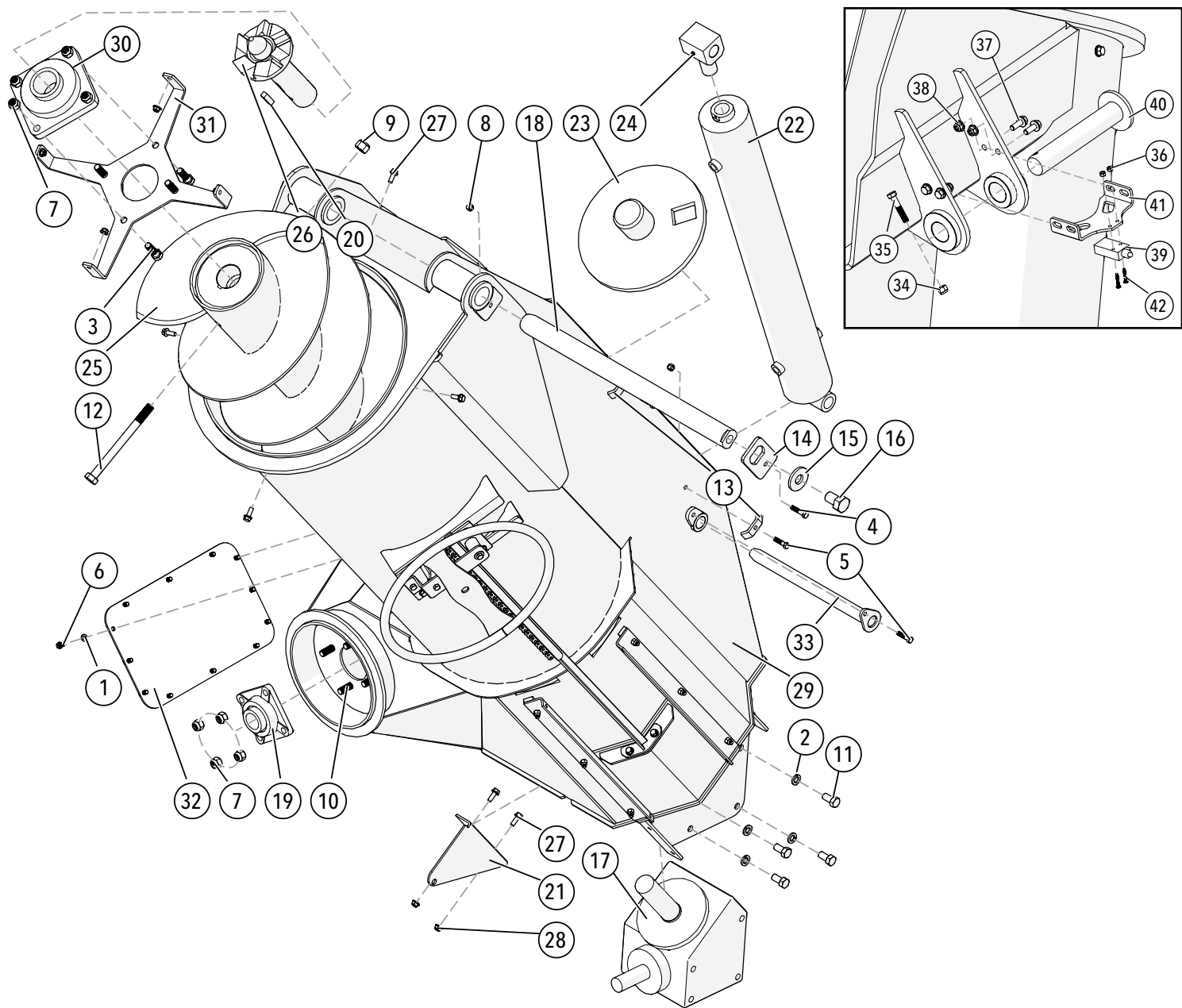
When ordering replacement parts provide the Unit Color and Item Number.



ID	Item No	Description	Qty
1	00914	BOLT .375NC X 1.50 GR5 HEX	6
2	02592	NUT, .375NC NYLON LOCK	6
3	16259	BOLT .375NC X 1.00 GR5 HEX FLG	6
4	16260	NUT, .375NC NYLON LOCK FLG	6
5	16514	CLEANOUT DOOR	1
6	16515	DOOR LIFT CHANNEL	1
7	16516	DOOR FRAME SPACER	2
8	16517	DOOR GUIDE	2
9	6142	DOOR OPENER ASSY	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	11412	DOOR LATCH	1
9M	11414	BUSHING, LATCH PIVOT	1
9N	14750	SNAP RING EXT F/.75SHAFT	1
9O	15392	OPENER PLATE	1
9P	15393	DOOR LIFT WHEEL	1
9Q	15395	OPENER BRACKET	1

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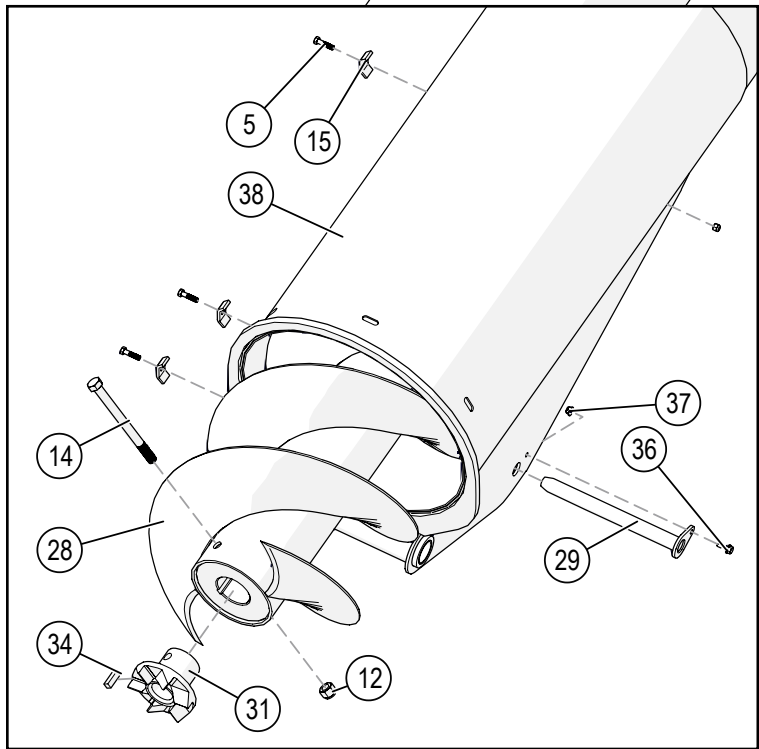
Lower Auger Assembly



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

ID	Item No	Description	Qty
1	00060	.375 LOCKWASHER	12
2	00248	WASHER SPRING LOCK 0.625	8
3	00290	BOLT .625NC X 2.00 GR5 HEX	4
4	00908	BOLT .375NC X 1.75 GR5 HEX	1
5	00914	BOLT .375NC X 1.50 GR5 HEX	3
6	01899	BOLT .375NC X .75 GR5 HEX	12
7	02587	NUT, .625 NC NYLON LOCK	8
8	02592	NUT, .375NC NYLON LOCK	3
9	02961	.75NC NYLON INSERT LOCK NUT	1
10	03698	BOLT .625NC X 1.75 GR5 HEX	4
11	05366	BOLT .625NC X 1.25 GR5 HEX	8
12	07681	.75NC X 9.00 GR5 HEX BOLT	1
13	09218	HOSE KEEPER, 2 HOSE	2
14	13010	AUGER PIN PLATE	1
15	13011	AUGER PIN WASHER	1
16	13012	1.0"-8NC X 1.50 HEX BOLT GR5	1
17	13339	COMER IND. GEARBOX	1
-	17078	INPUT SHAFT INNER BEARING	1
-	17077	INPUT SHAFT OUTER BEARING	1
-	16305	OUTPUT SHAFT INNER BEARING	1
-	16304	OUTPUT SHAFT OUTER BEARING	1
18	13342	AUGER PIN	1
19	13411	BEARING 1.75" 4-BOLT FLANGE	1
20	13538	.50 x .50 x 1.75" KEY	1
21	13599	GEARBOX U-JOINT SHIELD	1
22	13984	HYD CUSHION CYLINDER 4.50" X 32.00"	1
23	14005	LOWER DRIVE W/ SQUARE PEG HOLE	1
24	14028	HYDRAULIC CYLINDER END	1
25	14109	AUGER FLIGHTING LOWER BLK 20.50"	1
26	14110	INNER DRIVE CASTING	1
27	16259	BOLT .375NC X 1.00 GR5 HEX FLG	6
28	16260	NUT, .375NC NYLON LOCK FLG	6
29	16403	LOWER AUGER	1
30	16414	2.5"IPTCI BEARING	1
31	16468	BEARING MOUNT PLATE	1
32	16475	ACCESS DOOR	1
33	16543-95	LOWER HYD CYL PIN PLATED	1
34	02592	NUT, .375NC NYLON LOCK	1
35	04226	BOLT .375NC X 2.00 GR5 HEX	1
36	16056	NUT #8-32 NYLON INSERT	2
37	16259	BOLT .375NC X 1.00 GR5 HEX FLG	4
38	16260	NUT, .375NC NYLON LOCK FLG	4
39	16824	LIMIT SWITCH AUGER HEIGHT CONTROL W/ PLUGS	1
40	16544-95	PIN, CYLINDER PLATED	1
41	16565	LIMIT SWITCH MOUNT	1
42	16585	SCREW #8-32 X 1.00 PHILLIPS PAN HD	2

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

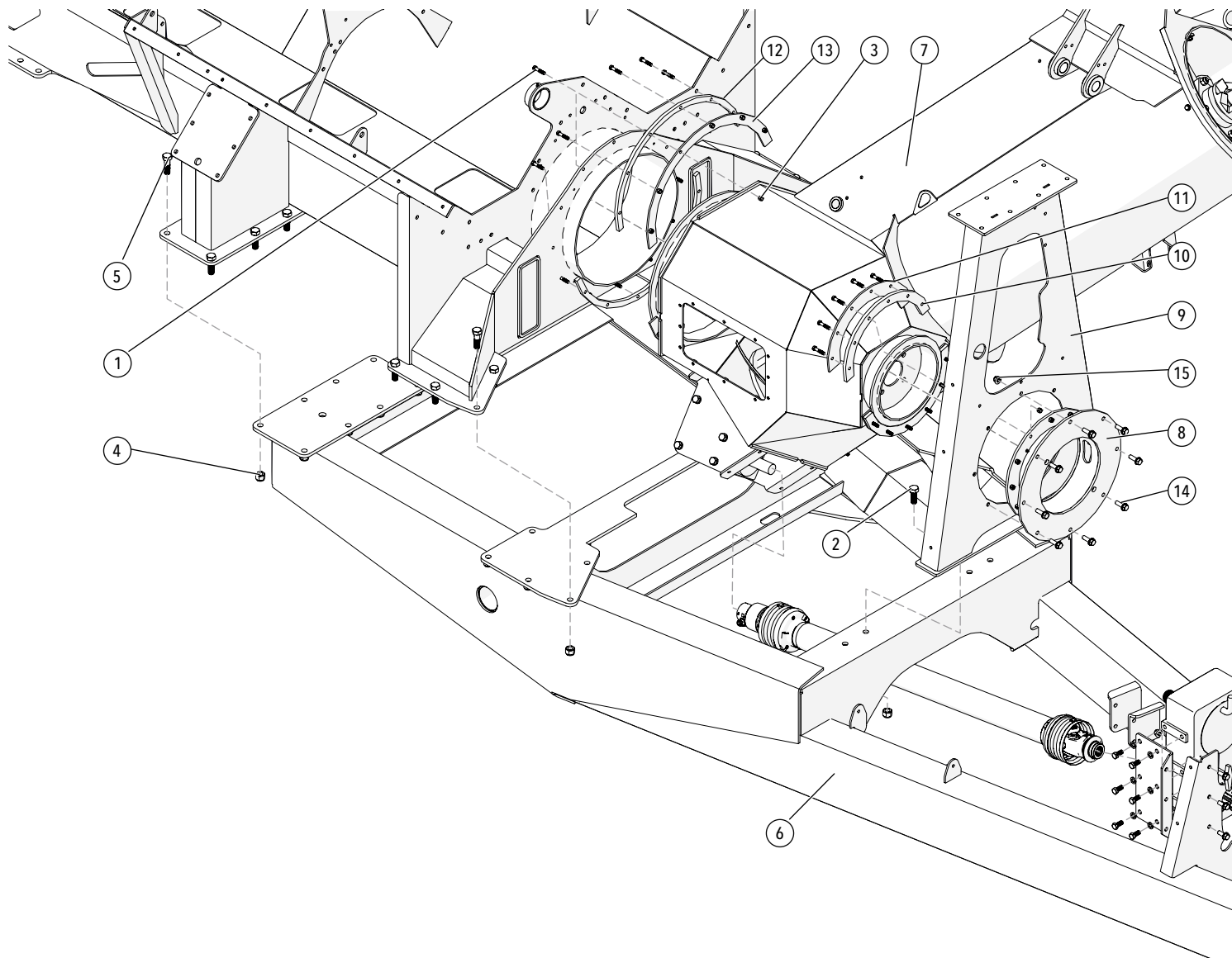


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ID	Item No	Description	Qty
1	00059	WASHER, FLAT .375	1
2	00060	.375 LOCKWASHER	14
3	00482	BOLT .50NC X 1.75 GR5 HEX	1
4	00908	BOLT .375NC X 1.75 GR5 HEX	8
5	00914	BOLT .375NC X 1.50 GR5 HEX	3
6	01253	BOLT .50NC X 2.00 GR5 HEX	2
7	01254	BOLT .50NC X 1.50 GR5 HEX	3
8	01899	BOLT .375NC X .75 GR5 HEX	14
9	01975	BOLT .50NC X 5.00 GR5 HEX	4
10	02178	NUT, .50NC LOCK, NY. INSERT	11
11	02592	NUT, .375NC NYLON LOCK	11
12	02961	.75NC NYLON INSERT LOCK NUT	1
13	05290	BOLT .50NC X 3.25 GR5 HEX	1
14	07681	.75NC X 9.00 GR5 HEX BOLT	1
15	09218-95	HOSE KEEPER, 2 HOSE	9
16	09282	CABLE SHEAVE	5
17	09283	SHEAVE BUSHING	5
18	12512	TROLLEY TOP	1
19	12513	TROLLEY BOTTOM	1
20	12514-95	TROLLEY SPACER PLATED	1
21	12515	CYLINDER MOUNT/COVER	1
22	12522	CYLINDER ASSEMBLY, 1.50", .75 ROD	1
23	12531-95	CABLE RETAINER PLATED	5
24	12549	MOUNT RING RETAINER BRKT	4
25	12550	PLASTIC RETAINER BRKT SPACER	4
26	12555	LIGHT BRACKET	1
27	12667-95	RETAINER BRACKET BUSHING PLATED	8
28	13311	AUGER FLIGHTING UPPER BLK 20.50"	1
29	13341-95	UPPER HYD CYL PIN PLATED	1
30	13411	BEARING 1.75" 4-BOLT FLANGE	1
31	13414	DRIVE CASTING OUTER W/ KEYWAY	1
32	13424	NUT SPACER NUT	1
33	13521	SET SCREW .25NC X .375 SOCKET CUP POINT	1
34	13538	.50 x .50 x 1.75" KEY	1
35	14926	LIGHT WORK LED 12V-36V	1
36	16259	BOLT .375NC X 1.00 GR5 HEX FLG	1
37	16260	NUT, .375NC NYLON LOCK FLG	1
38	16564	OUTER AUGER TUBE (22 SERIES)	1
39	16749	24" DISCHARGE CHUTE	1
40	16821-30	ADJUSTABLE CHUTE DRIVE RING	1

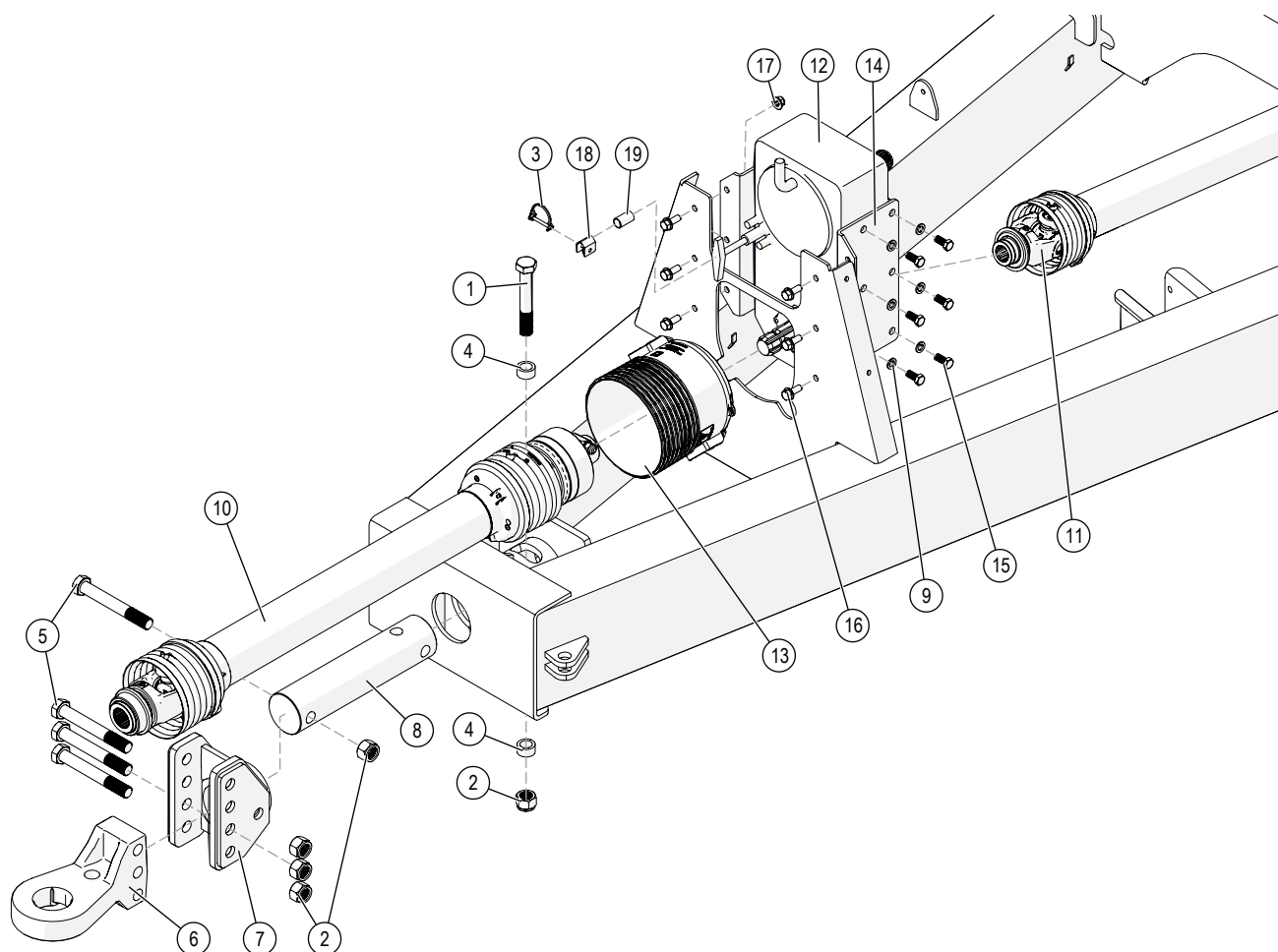
When ordering replacement parts please provide the Unit Color and Item Number

Tongue Assembly



ID	Item No	Description	Qty
1	00908	BOLT .375NC X 1.75 GR5 HEX	24
2	01235	BOLT .75NC X 2.00 GR5 HEX	4
3	02592	NUT .375NC NYLON LOCK	28
4	02961	.75NC NYLON INSERT LOCK NUT	30
5	14700	BOLT .75NC X 2.50 GR8 HEX	26
6	16400	DRAG CART TONGUE	1
7	16403	LOWER AUGER	1
8	16451	FRONT TURRET RING	1
9	16452	FRONT BRACE	1
10	16471	FRONT TURRET SPACER	2
11	16472	FRONT TURRET SPACER	2
12	16473	REAR TURRET SPACER	2
13	16474	REAR TURRET SPACER	2
14	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	8
15	16590	NUT.50NC LOCK NY. INSERT FLANGE	8

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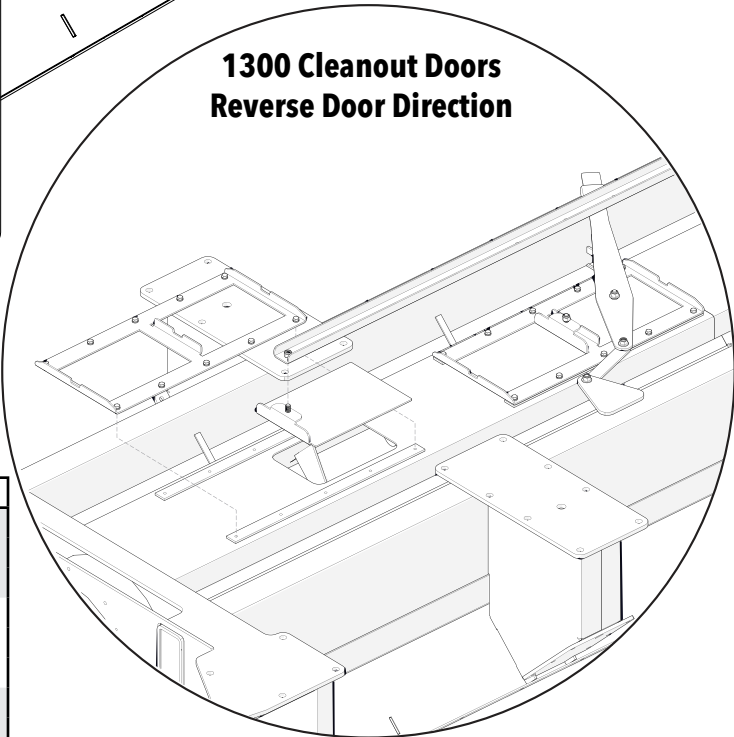
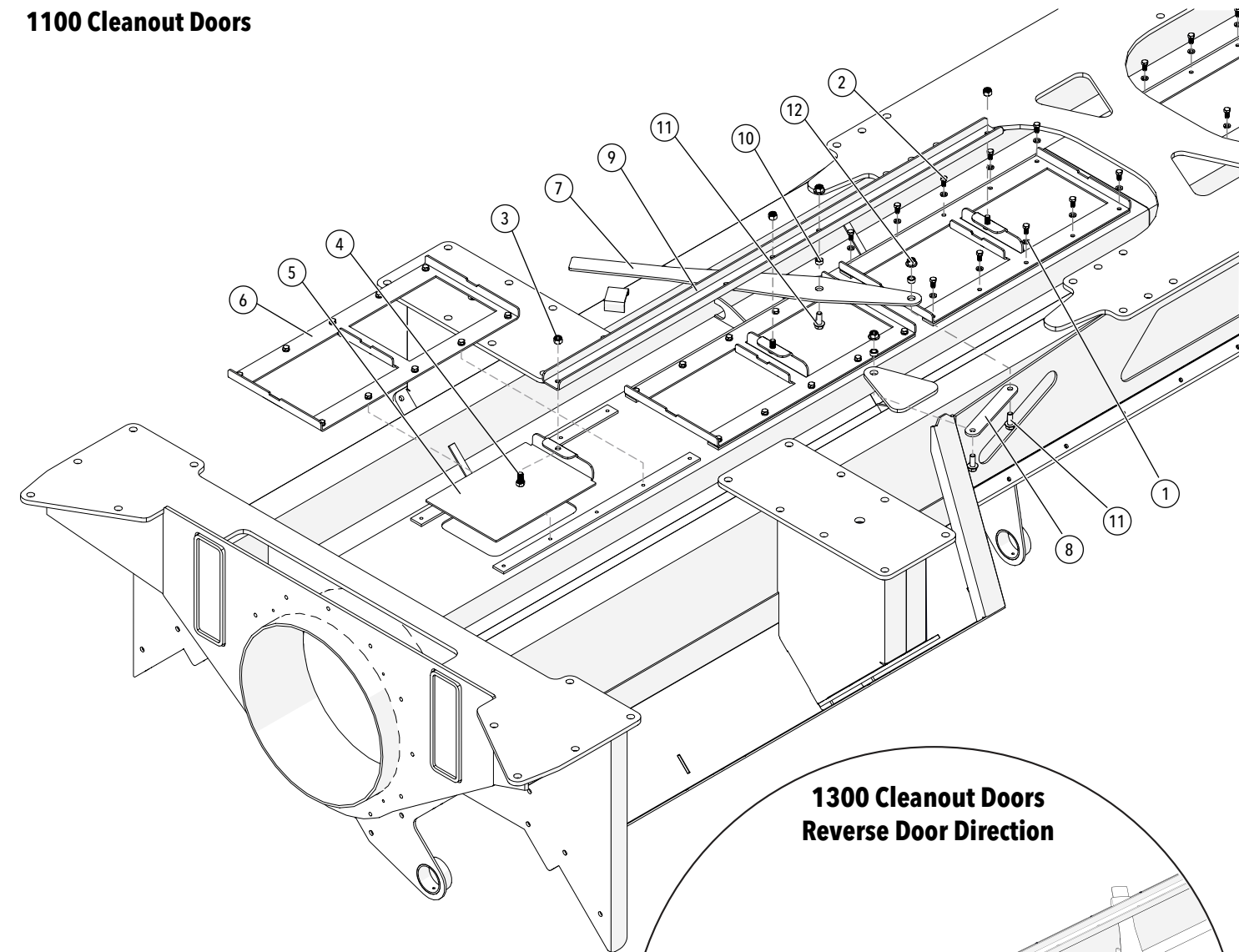
ID	Item No	Description	Qty
1	09454	BOLT 1.0NF X 6.50 GR8 HEX	1
2	09455	NUT, 1.0NF NYLON INSERT HEX	5
3	11790	PIN, .25 X 2.00 W/WIRE CLIP	1
4	13321	HITCH BOLT BUSHING	2
5	13510	BOLT 1.0NF X 7.50 GR8 HEX	4
6	13979	PERFECT HITCH 3 BOLT CAT 4/5	1
-	15902	BULL PULL HITCH CAT 3/4	-
-	15903	BULL PULL HITCH CAT 5	-
7	13982	HITCH CHANNEL MOUNT	1
8	13983	SCALE HITCH WEIGHBAR, 3.725"	1
9	15841	WASHER, SPRING LOCK, 14MM	12
10	15939	MAIN DRIVESHAFT	1
-	17122	PTO SHIELD KIT (REPLACEMENT ONLY)	-
11	15940	UNLOAD AUGER DRIVESHAFT	1
12	15942	PARALLEL SHAFT GEARBOX	1
13	16418	COUNTER CONE	1
14	16540	GEARBOX MNT	2
15	16575	BOLT 14MM-2.0 X 30MM GR8.8	12
16	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	6
17	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	6
18	16869	LOCKOUT CHANNEL	1
19	16884	LOCKOUT BUSHING	1

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

Trough Cleanout Doors

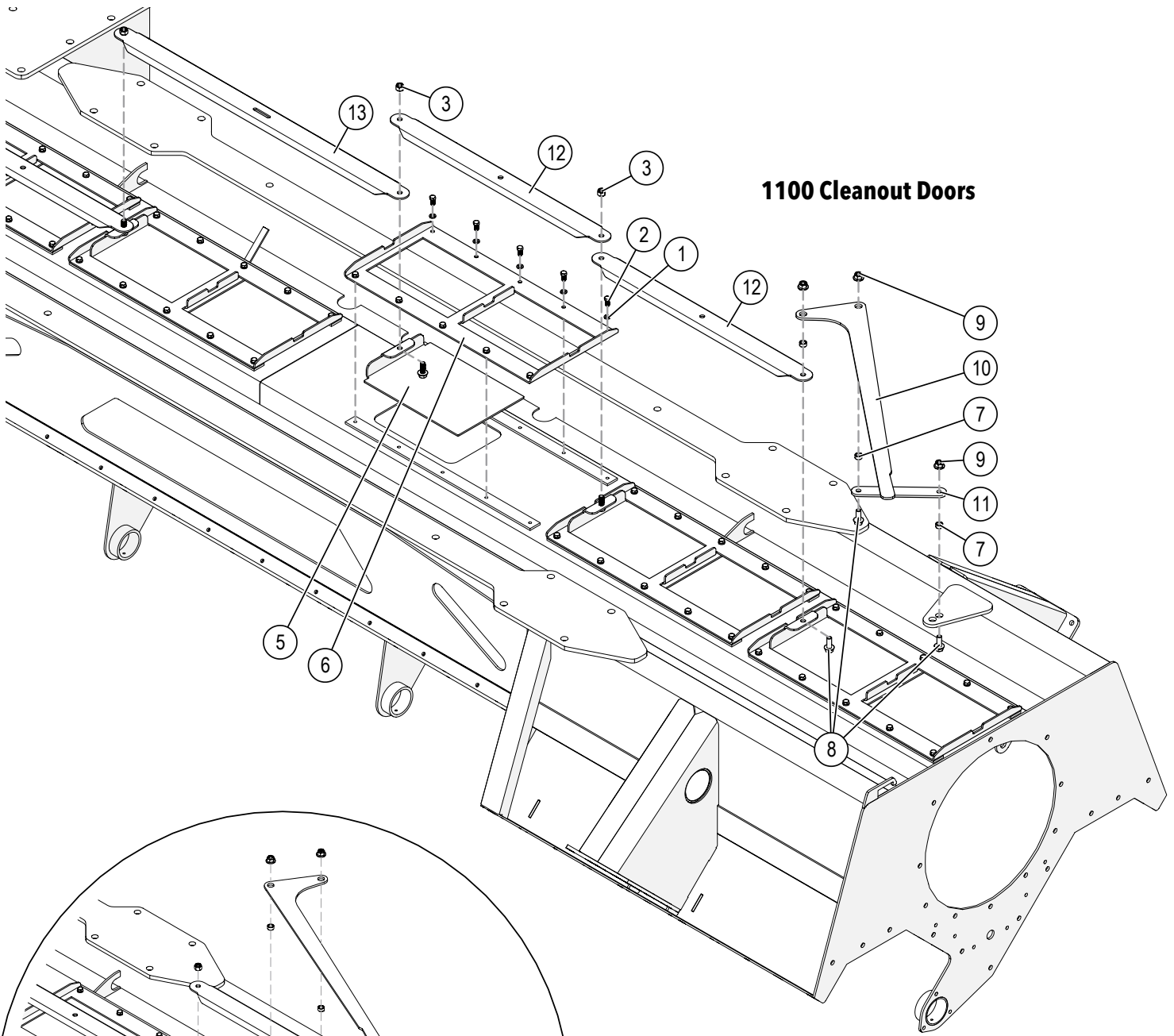
Single Axle and Track Axle

1100 Cleanout Doors



ID	Item No	Description	Qty
1	00060	.375 LOCKWASHER	60
2	01899	BOLT .375NC X .75 GR5 HEX	60
3	02178	NUT .50NC LOCK NY. INSERT	6
4	04795	BOLT .50NC X 1.00 GR5 HEX	6
5	16509	TROUGH DOOR	6
6	16510	DOOR COVER	6
7	16512	DOOR HANDLE	2
8	16513	DOOR LINK	2
9	16560	DOOR DRIVE CHANNEL (1100)	2
-	16511	DOOR DRIVE CHANNEL (1300)	2
10	16571-95	DOOR BUSHING PLATED	6
11	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	6
12	16590	NUT .50NC LOCK NY. INSERT FLANGE	6

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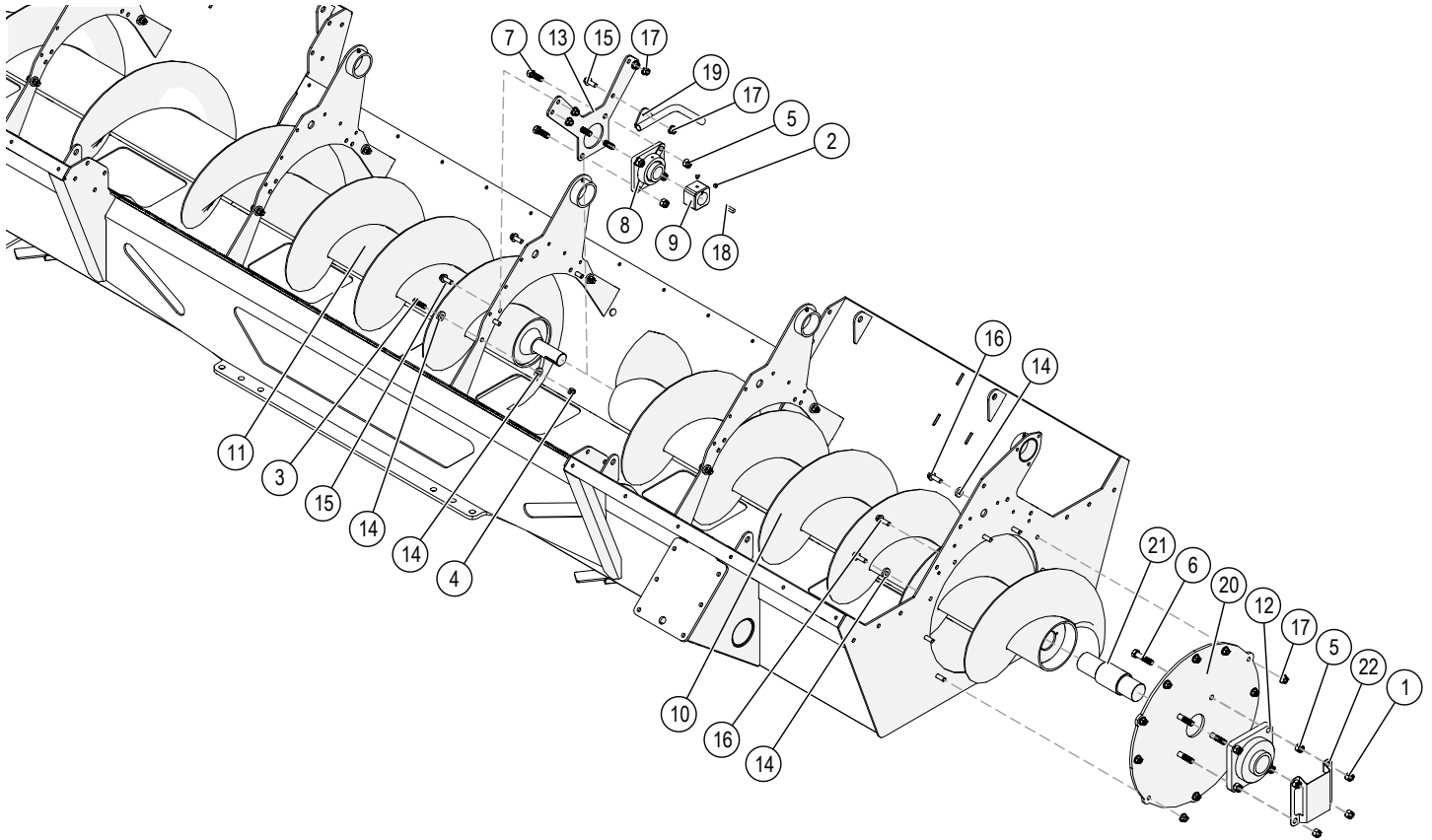
1100 Cleanout Doors

1300 Cleanout Doors Reverse Door Direction

ID	Item No	Description	Qty
1	00060	.375 LOCKWASHER	60
2	01899	BOLT .375NC X .75 GR5 HEX	60
3	02178	NUT, .50NC LOCK, NY. INSERT	5
4	04795	BOLT .50NC X 1.00 GR5 HEX (Front Door)	1
5	16509	TROUGH DOOR	6
6	16510	DOOR COVER	6
7	16571-95	DOOR BUSHING	3
8	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	7
9	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	3
10	17227	CLEANOUT HANDLE	1
11	17230	DOOR LINK (1100)	1
-	17229	DOOR LINK (1300)	-
12	17231	DOOR DRIVE CONNECTOR (1100)	4
-	17228	DOOR DRIVE CONNECTOR (1300)	5
13	17232	DOOR DRIVE CONNECTOR (1100)	1

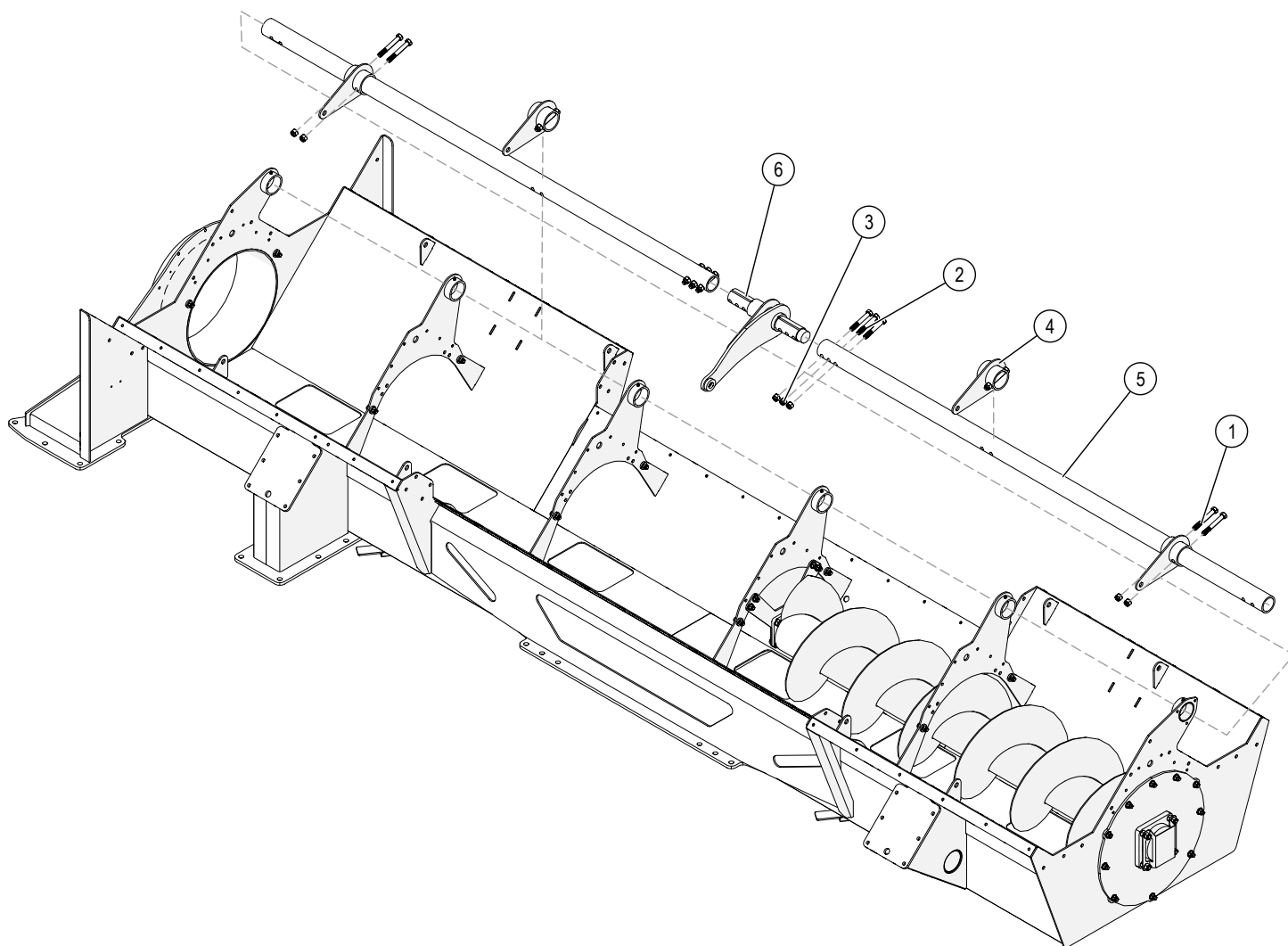
When ordering replacement parts please provide the Unit Color and Item Number

Drag Auger Assembly



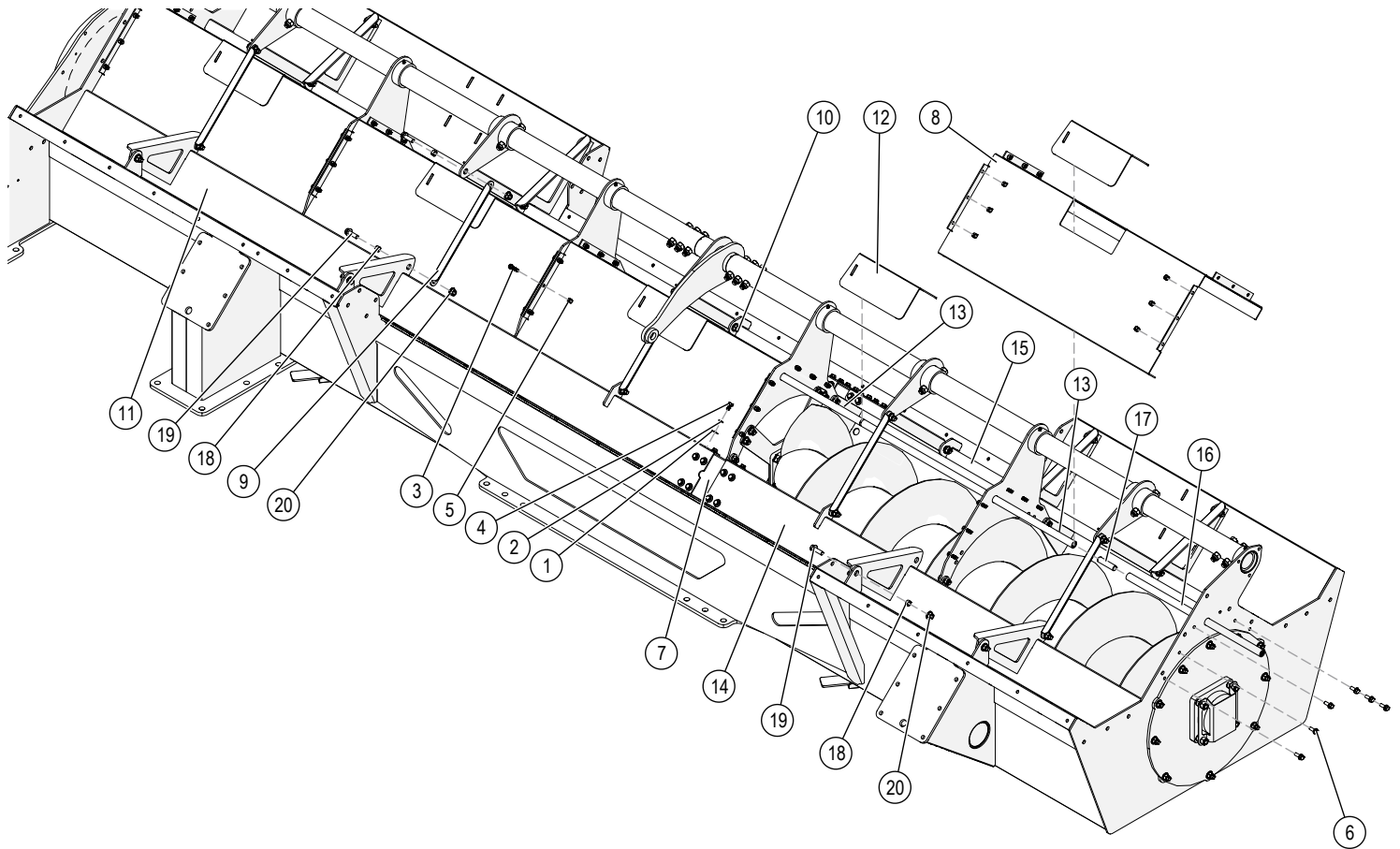
ID	Item No	Description	Qty
1	00789	SET SCREW .375NC X .375 SOCKET HEAD	2
2	01254	BOLT .50NC X 1.50 GR5 HEX	8
3	02178	NUT .50NC LOCK NY. INSERT	10
4	02587	NUT .625 NC NYLON LOCK	4
5	03698	BOLT .625NC X 1.75 GR5 HEX	4
6	02696	BOLT .625NC X 2.75 GR5 HEX	4
7	13411	BEARING 1.75" 4-BOLT FLANGE	1
9	15240	DRIVE BUSHING 1.75	1
10	16375	REAR DRAG AUGER (1100)	1
-	15937	REAR DRAG AUGER (1300)	1
11	16388	FRONT DRAG AUGER	1
12	17252-30	REAR ACCESS PLATE	1
13	16470	BEARING MOUNT PLATE	1
14	16576-95	SUPPORT WASHER PLATED	20
15	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	6
16	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	10
17	16590	NUT .50NC LOCK NY. INSERT FLANGE	14
18	16604	KEY .375 X .375 X 1.50	1
19	17253-95	SPINDLE	1
20	17254-30	BEARING COVER	1
21	02587	NUT .625NC LOCK NYLON INSERT	4
22	00291	NUT .625NC HEX	4

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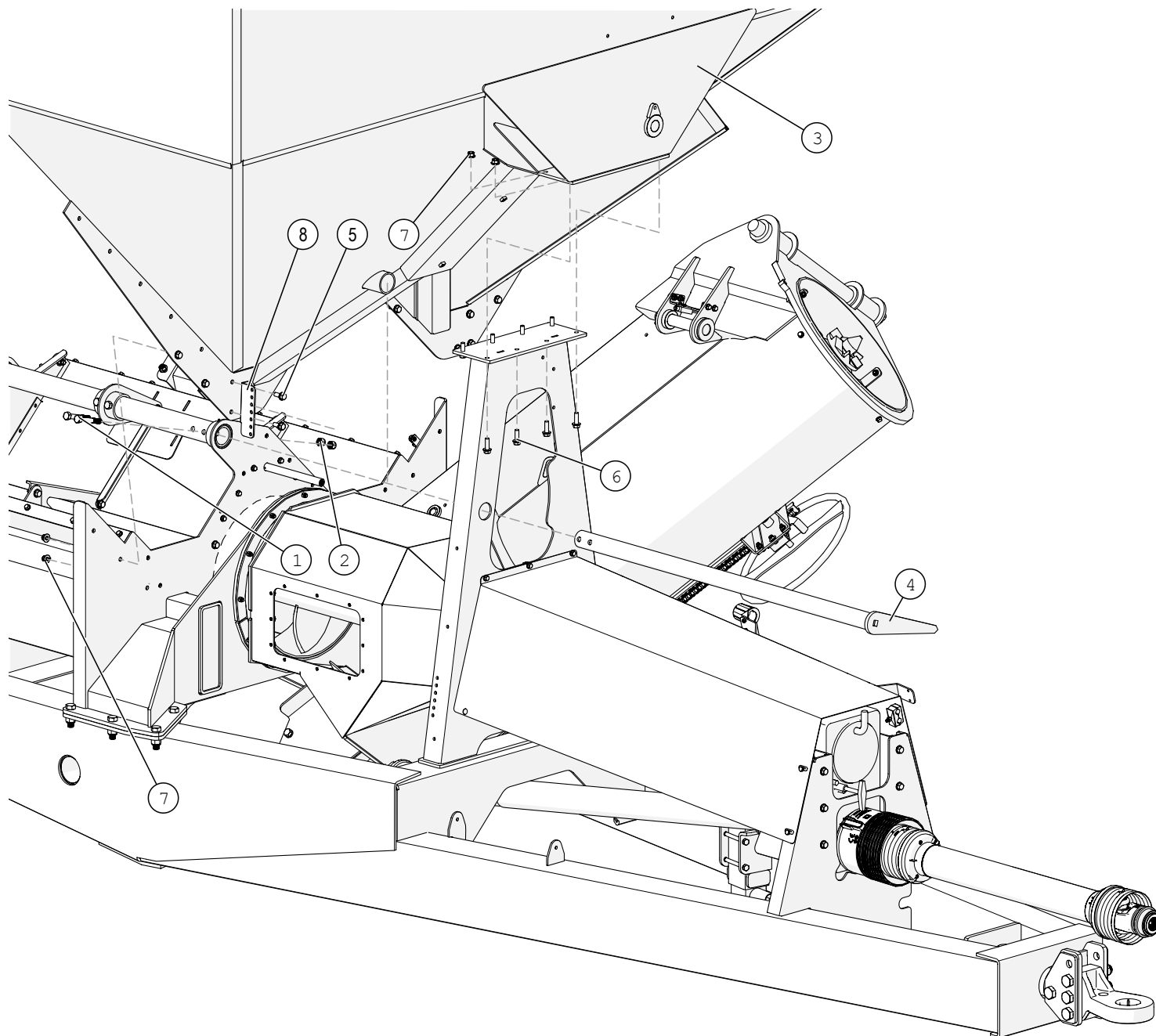
ID	Item No	Description	Qty
1	02434	BOLT .625NC X 4.50 HEX HEAD GR.5	8
2	02496	BOLT .625NC X 4.00 GR5 HEX	6
3	02587	NUT .625 NC NYLON LOCK	14
4	16537	DOOR LEVER	4
5	16556	DOOR DRIVE TUBE (1100)	2
-	15973	DOOR DRIVE TUBE (1300)	2
6	16557	DOOR DRIVE ASSEMBLY (1100)	1
-	16538	DOOR DRIVE ASSEMBLY (1300)	1

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



ID	Item No	Description	Qty
1	00059	WASHER FLAT .375	24
2	00060	.375 LOCKWASHER	24
3	00523	BOLT .375NC X 1.25 GR5 HEX	24
4	01899	BOLT .375NC X .75 GR5 HEX	24
5	02592	NUT .375NC NYLON LOCK	36
6	16259	BOLT .375NC X 1.00 GR5 HEX FLG	12
7	16453	DOOR JOINT PLATE	2
8	16519	AUGER COVER	5
9	16520	LIFT ROD	10
10	16532	FLOW DOOR 1 (FRONT R, REAR L)	1
11	16533	FLOW DOOR 2 (FRONT L, REAR R)	1
12	16550	EMERGENCY DOOR	5
13	16551	DOOR CONNECTOR TUBE	4
14	16552	FLOW DOOR 3 (REAR L 1100 ONLY)	1
15	16553	FLOW DOOR 4 (REAR R 1100 ONLY)	1
16	16554	DOOR END TUBE	2
17	16570	STUD .75NC X 3.00 FULL THRD	5
18	16571-95	DOOR BUSHING PLATED	22
19	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	22
20	16590	NUT .50NC LOCK NY. INSERT FLANGE	22

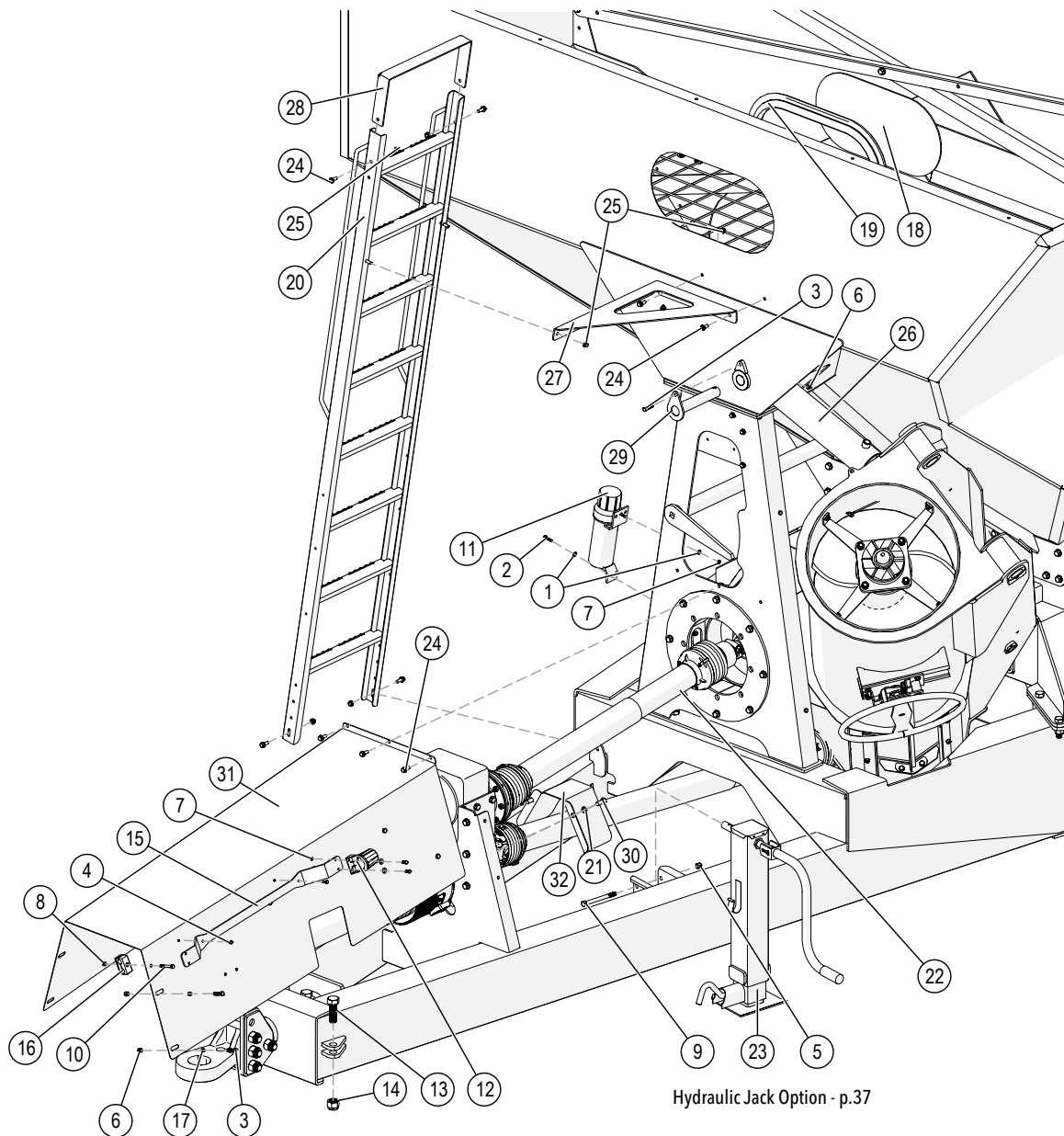
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ID	Item No	Description	Qty
1	02496	BOLT .625NC X 4.00 GR5 HEX	2
2	02587	NUT .625 NC NYLON LOCK	2
3	16503	FRONT TANK SECTION	1
4	16539	DOOR INDICATOR	1
5	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	15
6	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	8
7	16590	NUT .50NC LOCK NY. INSERT FLANGE	22
8	17079	GREASE HOSE MOUNT	1

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

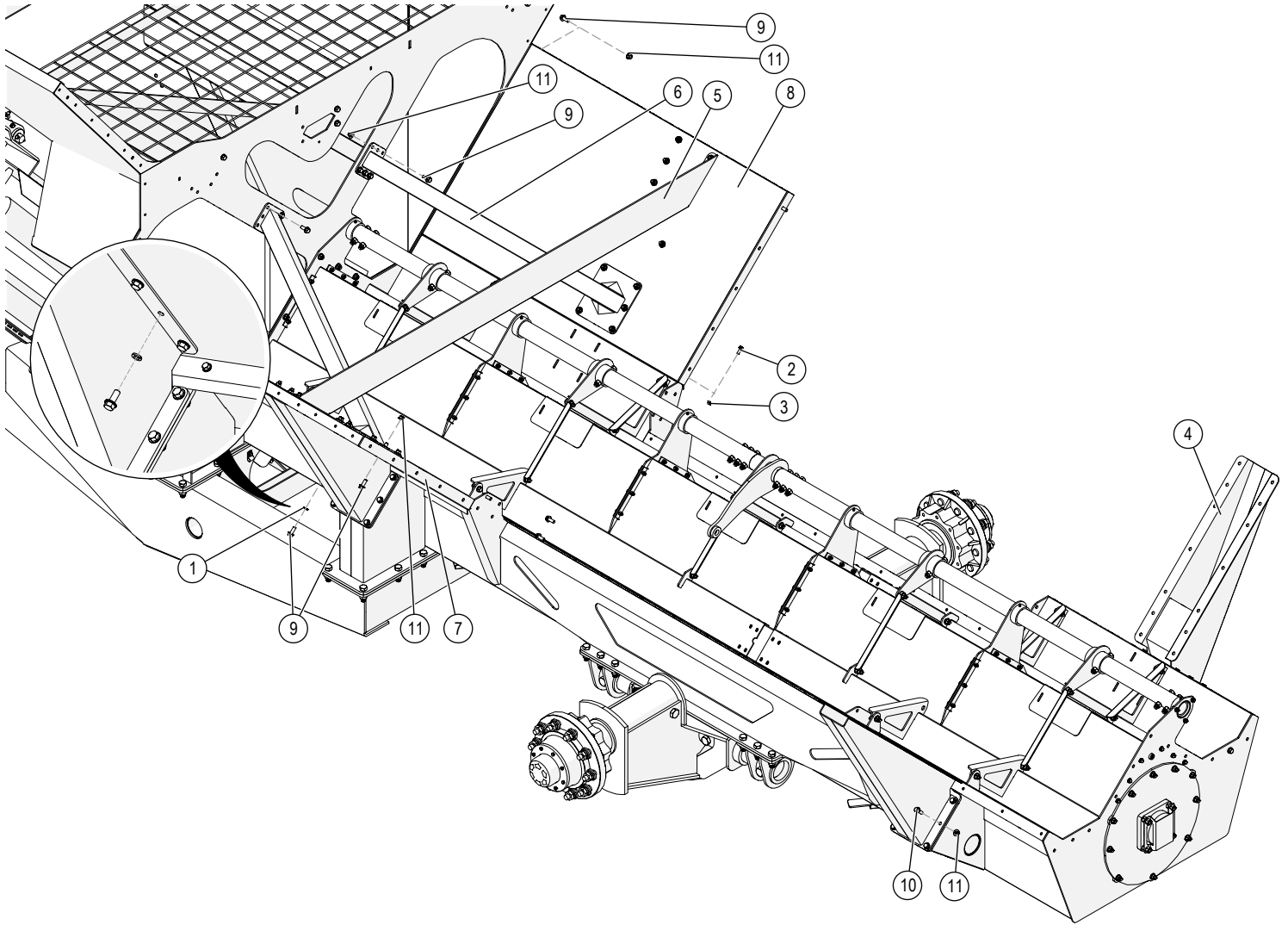
Front Shielding and Accessories



ID	Item No	Description	Qty
1	00214	WASHER FLAT .25	6
2	00336	BOLT .25NC X 1.25 GR5 HEX	2
3	00914	BOLT .375NC X 1.50 GR5 HEX	8
4	01076	BOLT .25NC X .75 GR5 HEX	4
5	02178	NUT .50NC LOCK NY. INSERT	2
6	02592	NUT .375NC NYLON LOCK	8
7	02772	NUT .25NC LOCK NYLON INSERT	6
8	02802	NUT .313 NC NYLON LOCK	1
9	04053	BOLT .50NC X 5.50 GR5 HEX	2
10	04221	BOLT .313NC X 2.50 GR5 HEX	1
11	10241	CANISTER	1
12	10277	ELECTRICAL PLUG HOLDER	1
13	12323	HEX BOLT 1.00-8UNC X 3.00	1
14	12477	1"-8 UNC NYLON INSERT NUT	1
15	13501	HOSE WRAP BRACKET	1
16	13503	CLAMP HYD HOSE 1/2" 2 PLACE	1
17	13668	BUSHING	4
18	14361	WINDOW GRAVITY FLOW BOX	1

ID	Item No	Description	Qty
19	14362	WINDOW GASKET SEAL	1
20	14888	GRAIN CART LADDER	1
21	15841	WASHER, SPRING LOCK, 14MM	2
22	15941	DRAG AUGER DRIVESHAFT	1
23	16243	AG JACK WELDED	1
24	16259	BOLT .375NC X 1.00 GR5 HEX FLG	11
25	16260	NUT .375NC NYLON LOCK FLG	11
26	16405	CYLINDER 4" X 12" STROKE	1
27	16491	LADDER MOUNT	1
28	16536	LADDER TOP CHANNEL	1
29	16542-95	CYLINDER PIN PLATED	1
30	16575	BOLT 14MM-2.0 X 30MM GR8.8	2
31	17146	FRONT SHIELD	1
32	17147	REAR SHIELD	1

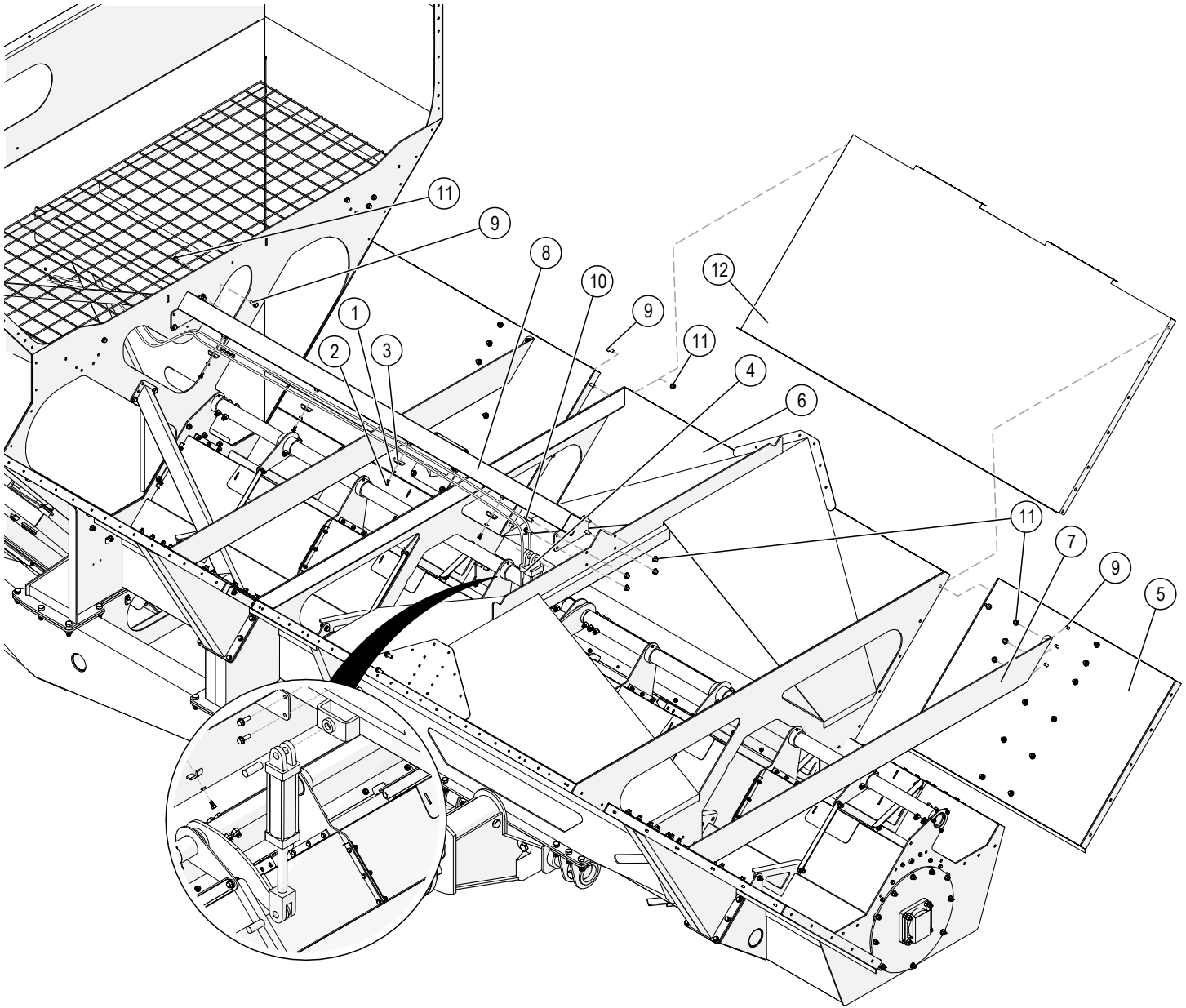
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ID	Item No	Description	Qty
1	00084	.50 LOCKWASHER	2
2	16259	BOLT .375NC X 1.00 GR5 HEX FLG	16
3	16260	NUT .375NC NYLON LOCK FLG	16
4	16476	SIDE SUPPORT	4
6	16534	FRONT TANK BRACE	2
5	16558	CROSS BRACE	1
7	16558	FRONT LEFT SLOPE PANEL (1100)	1
-	16481	FRONT LEFT SLOPE PANEL (1300)	1
8	16559	FRONT RIGHT SLOPE PANEL (1100)	1
-	16481	FRONT RIGHT SLOPE PANEL (1300)	1
9	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	50
10	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	24
11	16590	NUT .50NC LOCK NY. INSERT FLANGE	72

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

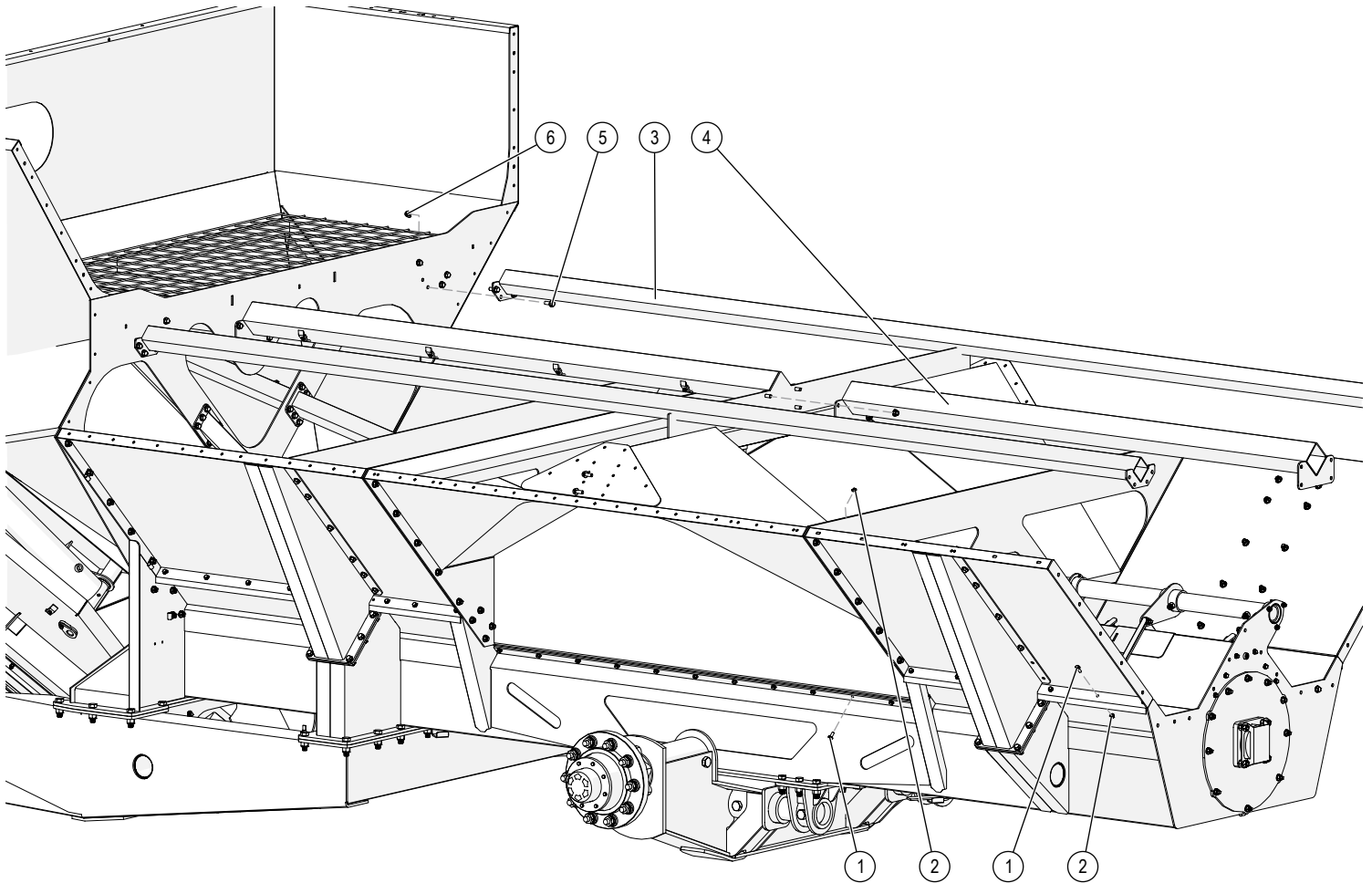
Fender and Lower Rear Sheets



ID	Item No	Description	Qty
1	00060	.375 LOCKWASHER	6
2	01899	BOLT .375NC X .75 GR5 HEX	6
3	09218	HOSE KEEPER 2 HOSE	6
4	16406	3" X 8" CYLINDER W/ PINS	1
5	16486	REAR SLOPE PANEL (1100)	2
-	16480	REAR SLOPE PANEL (1300)	2
6	16505	CENTER FENDER TANK	1
7	16528	CROSS BRACE	1
8	16562	CENTER MESH SUPPORT TUBE (1100)	1
-	16530	CENTER MESH SUPPORT TUBE (1300)	1
9	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	64
10	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	4
11	16590	NUT .50NC LOCK NY. INSERT FLANGE	68
12	17053	FENDER COVER PANEL, TRACK UNITS ONLY	2

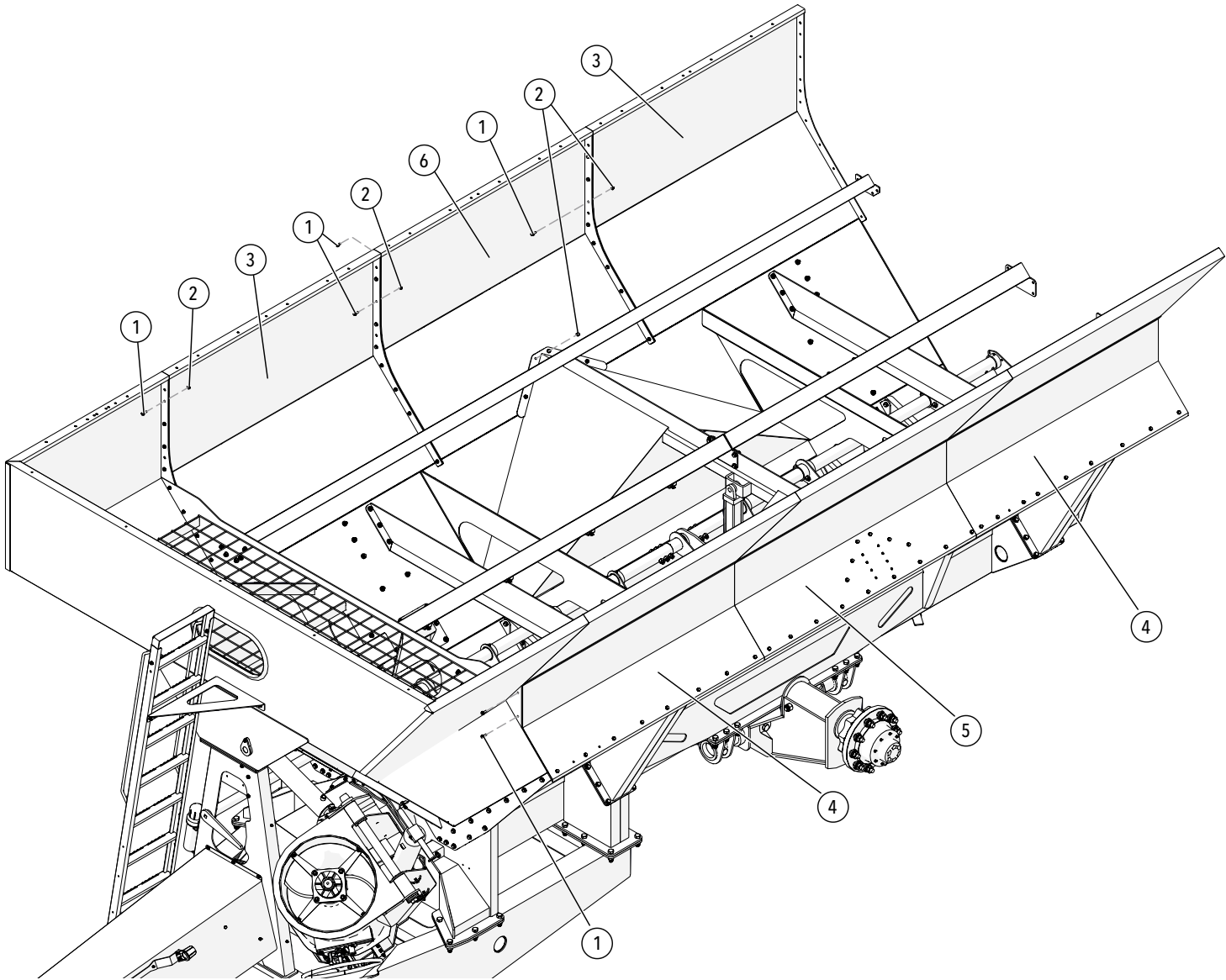
When ordering replacement parts please provide the Unit Color and Item Number

Lower Sheets External Hardware



ID	Item No	Description	Qty
1	16259	BOLT .375NC X 1.00 GR5 HEX FLG	36
2	16260	NUT .375NC NYLON LOCK FLG	36
3	16561	MESH SUPPORT TUBE ASSY (1100)	2
-	16529	MESH SUPPORT TUBE ASSY (1300)	2
4	16563	REAR MESH SUPPORT TUBE (1100)	1
-	16531	REAR MESH SUPPORT TUBE (1300)	1
5	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	8
6	16590	NUT .50NC LOCK NY. INSERT FLANGE	8

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

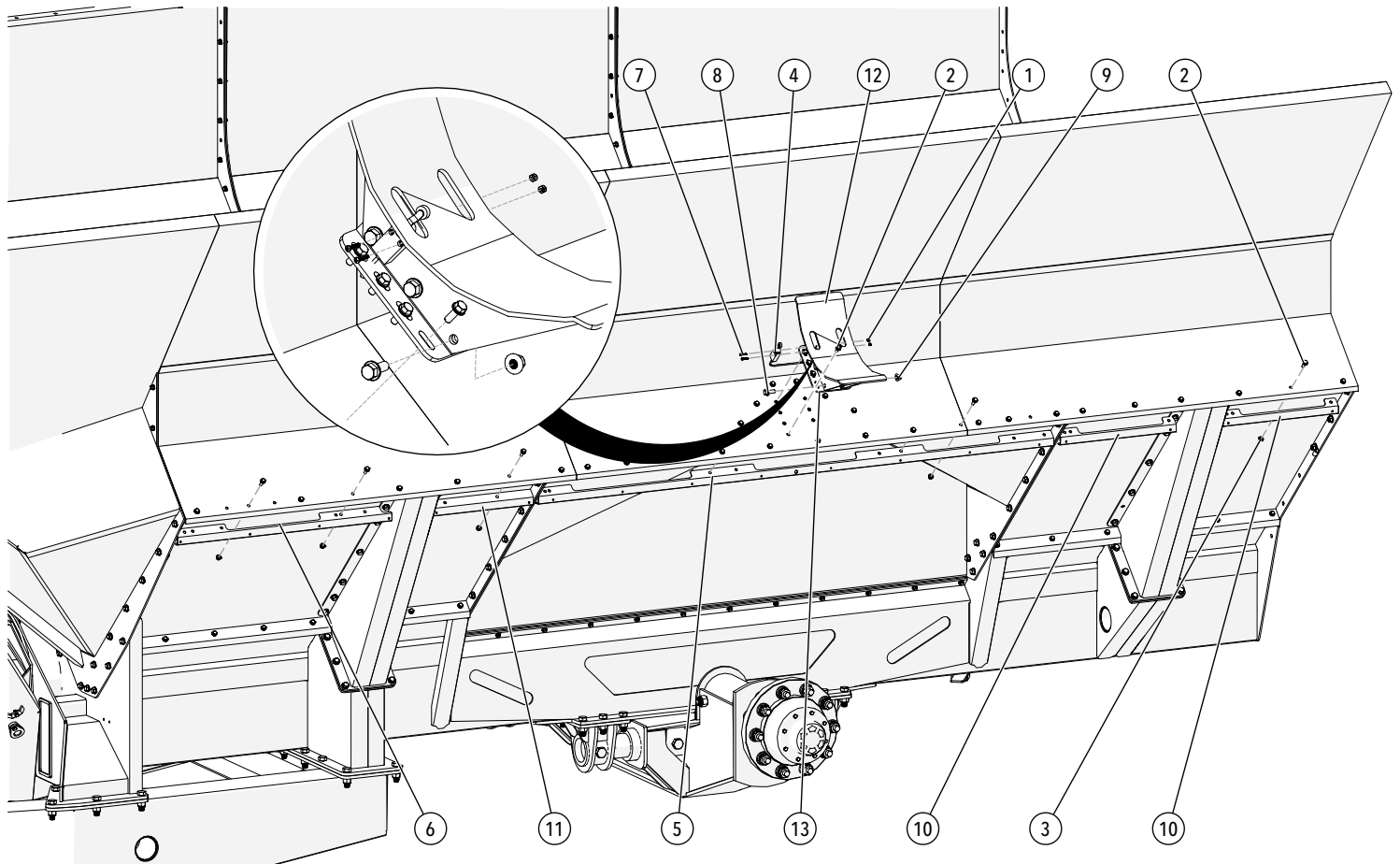


ID	Item No	Description	Qty
1	16259	BOLT .375NC X 1.00 GR5 HEX FLG	72
2	16260	NUT, .375NC NYLON LOCK FLG	72
3	16482	RIGHT SIDE TOP SHEET (1100)	2
-	16478	RIGHT SIDE TOP SHEET (1300)	2
4	16483	LEFT TOP SIDE (1100)	2
-	16487	LEFT TOP SIDE (1300)	2
5	16484	LEFTTOP SIDE CENTER (1100)	1
-	16488	LEFTTOP SIDE CENTER (1300)	1
6	16485	RH TOP SHEET CENTER (1100)	1
-	16479	RH TOP SHEET CENTER (1300)	1

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

Top Sheets and Auger Rest

External Hardware

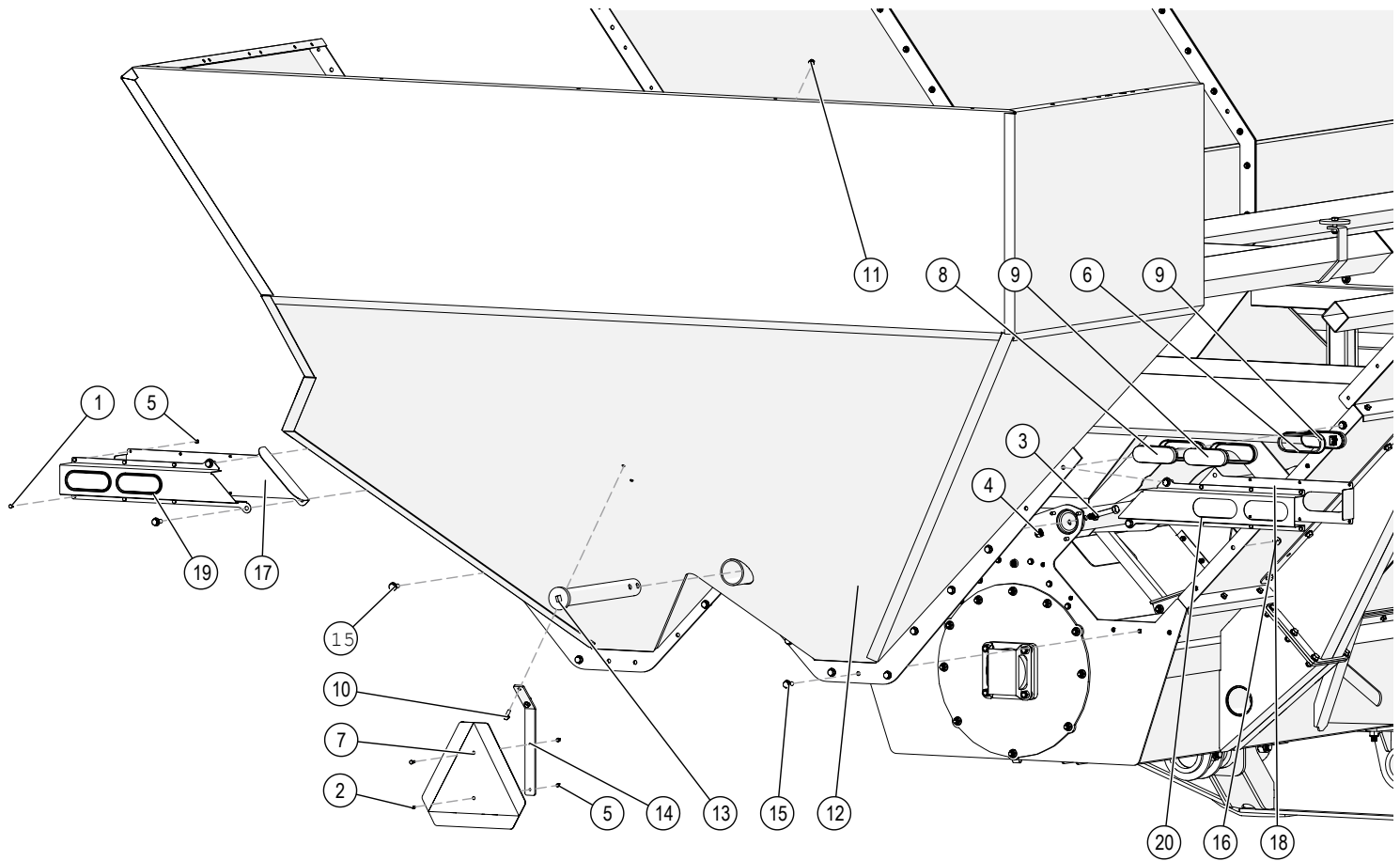


ID	Item No	Description	Qty
1	16056	NUT #8-32 NYLON INSERT	2
2	16259	BOLT .375NC X 1.00 GR5 HEX FLG	59
3	16260	NUT .375NC NYLON LOCK FLG	59
4	16823	LIMIT SWITCH AUGER REST CONTROL W/ PLUGS	1
5	16526	WHEEL WIRE CHANNEL	1
-	16593	TRACK WIRE CHANNEL	2
6	16527	FRONT WIRE CHANNEL	1
7	16585	SCREW #8-32 X 1.00 PHILLIPS PAN HD	2
8	16588	BOLT .50NC X 1.25 GR5 HEX FLG	6
9	16590	NUT .50NC NYLON LOCK FLG	6
10	16591	REAR WIRE CHANNEL (1100)	2
-	16525	REAR WIRE CHANNEL (1300)	2
11	16592	SEOND WIRE CHANNEL (1100)	1
-	16527	SEOND WIRE CHANNEL (1300)	1
12	16815	AUGER REST SADDLE	1
13	16816	AUGER REST MOUNT	1

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

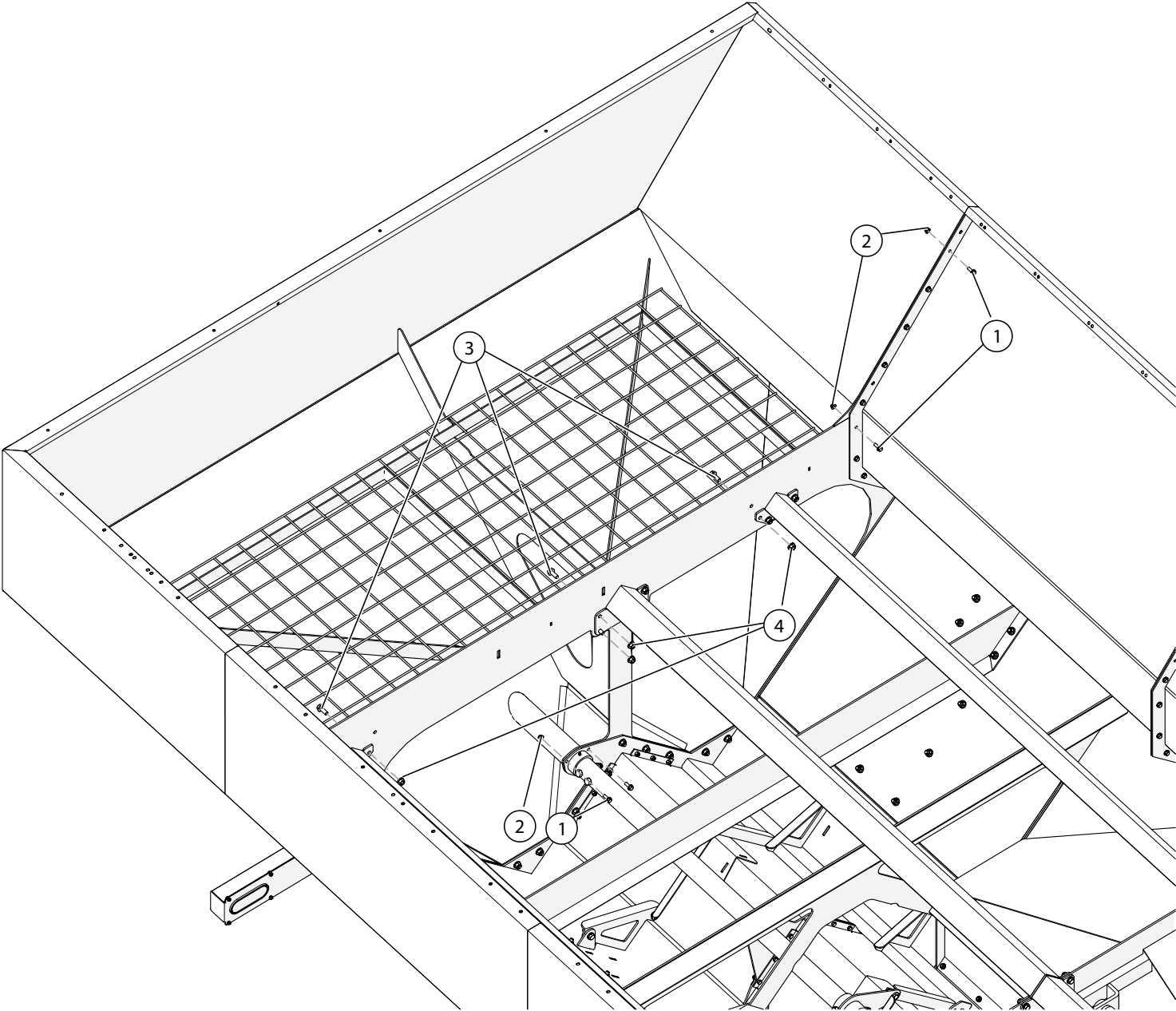
Rear Pod and Accessories

External Hardware



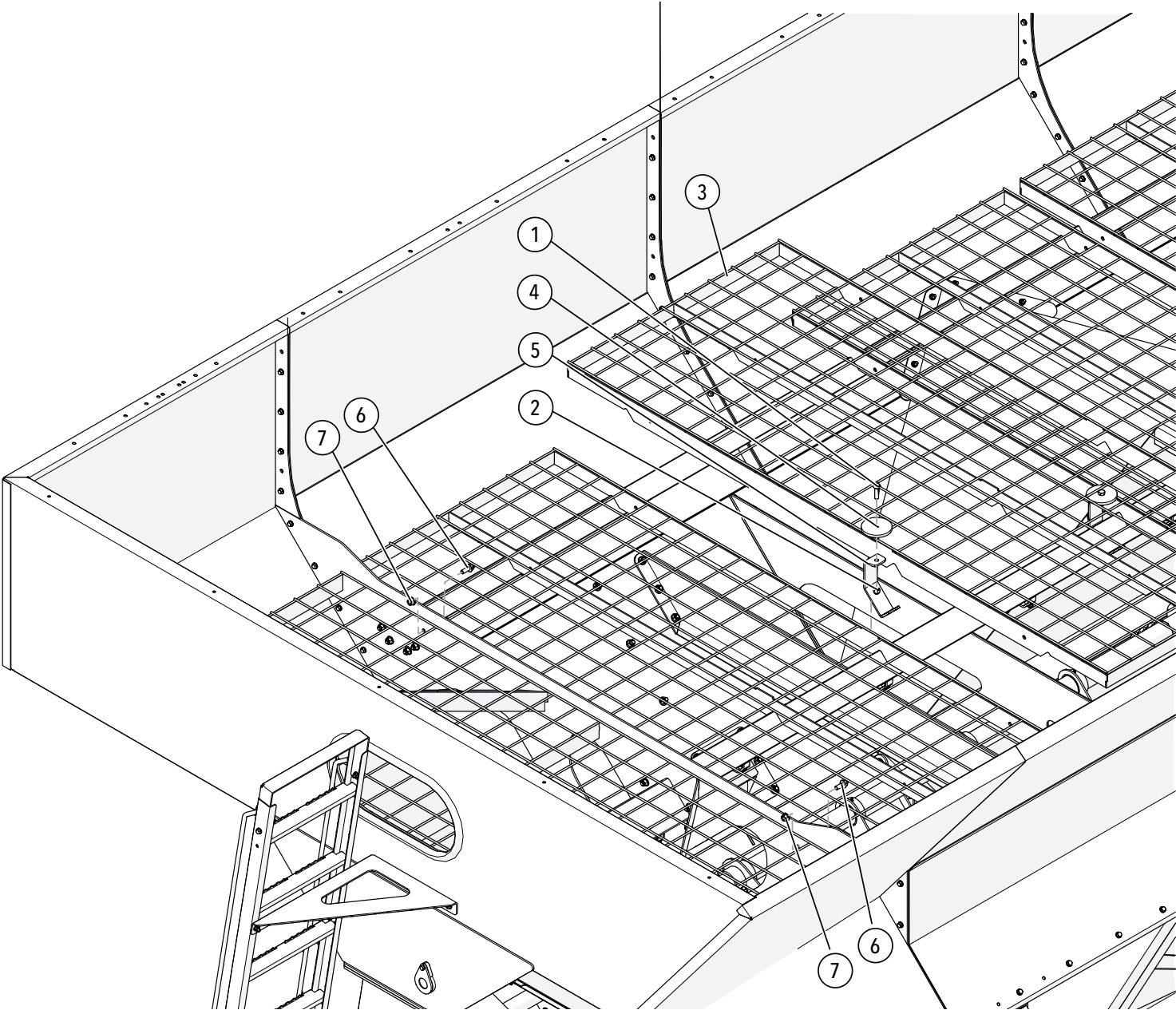
ID	Item No	Description	Qty
1	00092	BOLT .25NC X .50 GR5 HEX	12
2	01076	BOLT .25NC X .75 GR5 HEX	2
3	02496	BOLT .625NC X 4.00 GR5 HEX	2
4	02587	NUT .625 NC NYLON LOCK	2
5	02772	NUT .25NC LOCK NYLON INSERT	14
6	03652	GROMMET RUBBER OVAL	6
7	12126	SMV SIGN	1
8	14923	LIGHT SEALED OVAL S/T/T LAMP	2
9	14924	LIGHT SEALED OVAL S/T/T LAMP	4
10	16259	BOLT .375NC X 1.00 GR5 HEX FLG	2
11	16260	NUT .375NC NYLON LOCK FLG	2
12	16504	REAR TANK ASSEMBLY	1
13	16545	REAR DOOR TUBE	1
14	16587	SMV HOLDER	1
15	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	21
16	16590	NUT .50NC LOCK NY. INSERT FLANGE	21
17	16638	LEFT LIGHT MOUNT	1
18	16639	RIGHT LIGHT MOUNT	1
19	16640	LEFT LIGHT COVER	1
20	16641	RIGHT LIGHT COVER	1

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



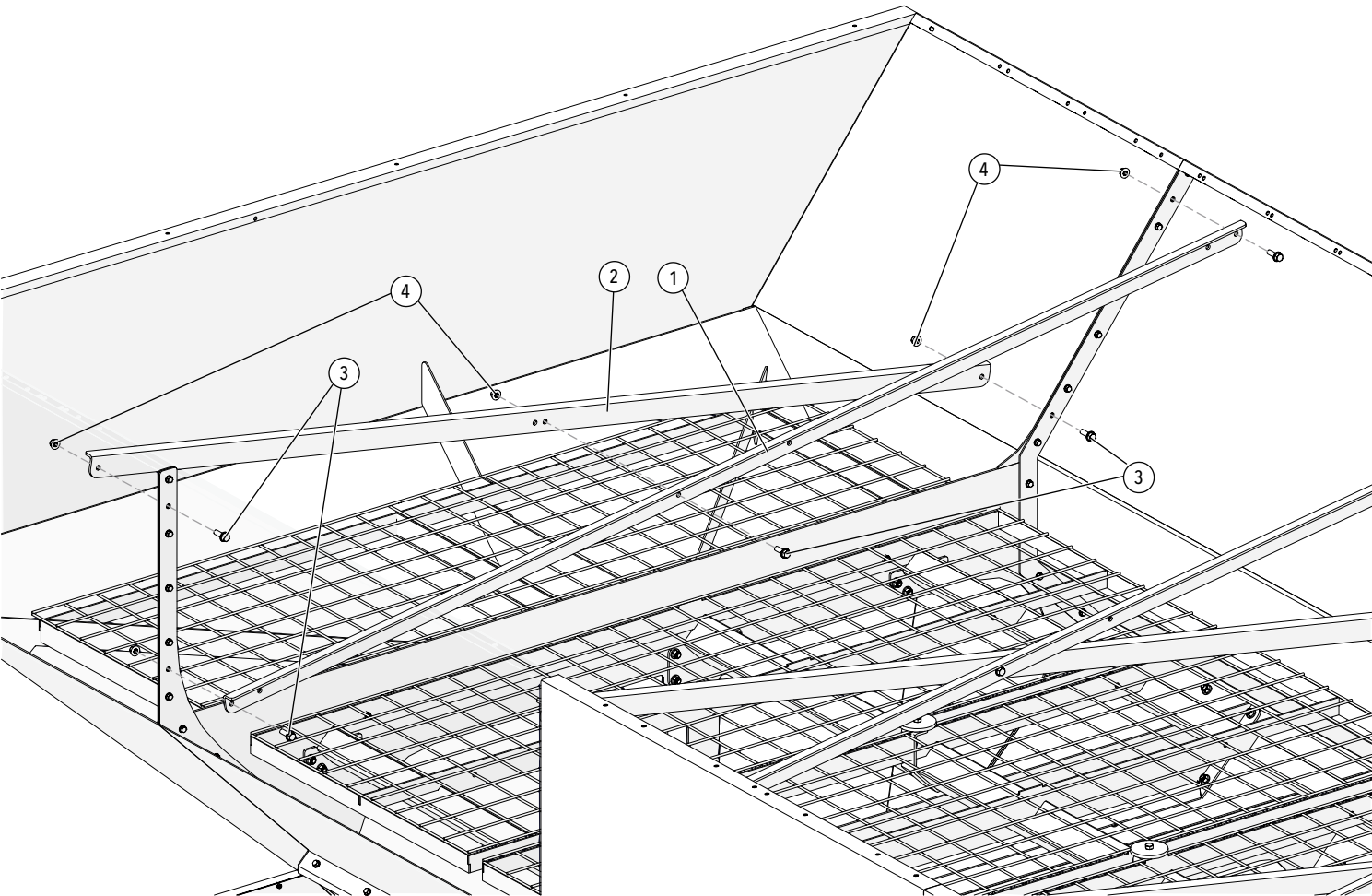
ID	Item No	Description	Qty
1	16259	BOLT .375NC X 1.00 GR5 HEX FLG	23
2	16260	NUT .375NC NYLON LOCK FLG	23
3	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	12
4	16590	NUT .50NC LOCK NY. INSERT FLANGE	11

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



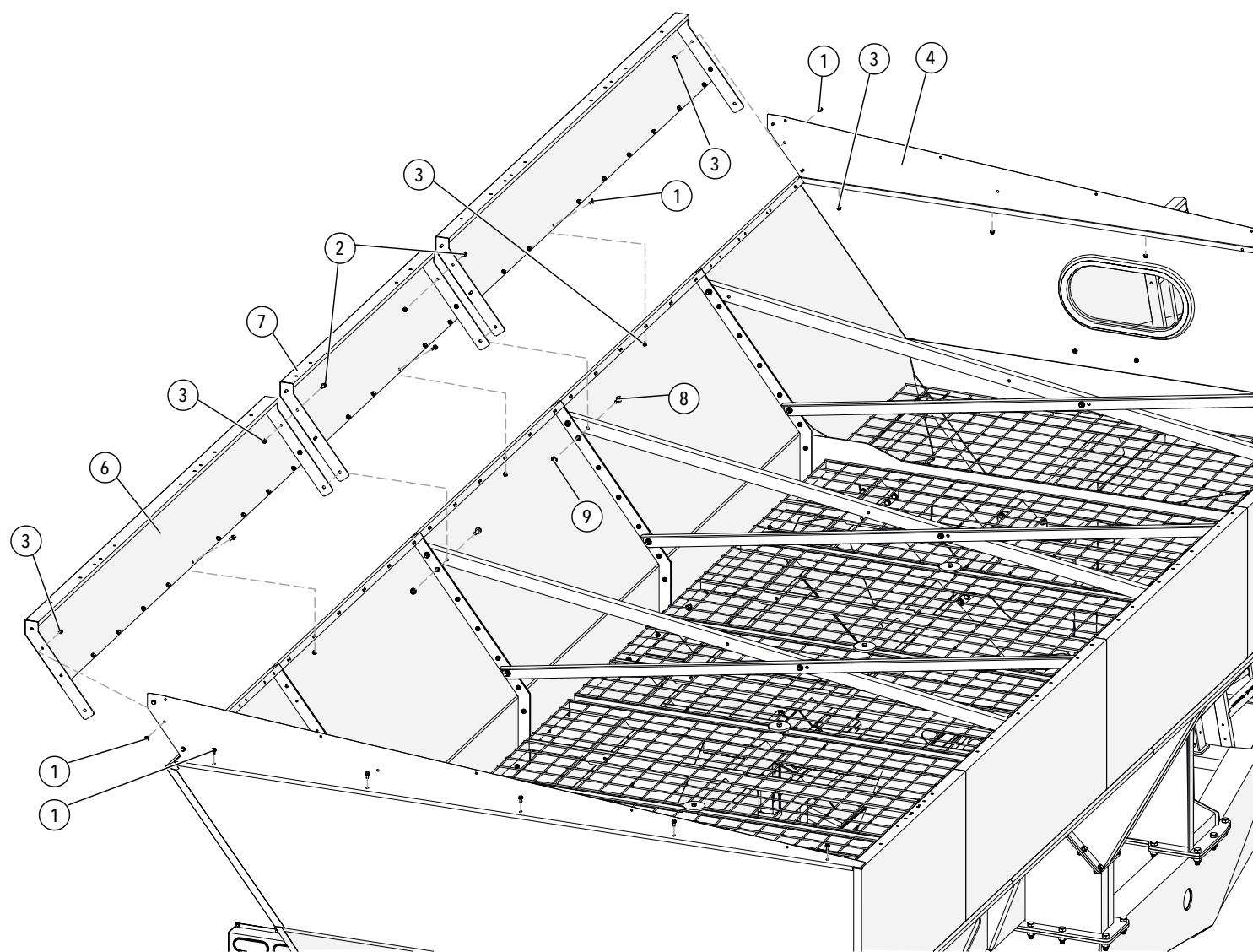
ID	Item No	Description	Qty
1	00482	BOLT .50NC X 1.75 GR5 HEX	4
2	02178	NUT .50NC LOCK NY. INSERT	4
3	16521	MESH PANEL (1100)	5
-	16521	MESH PANEL (1300)	6
4	16522	WASHER 4 X .5	4
5	16523	MESH HOOK (1100)	4
-	16523	MESH HOOK (1300)	5
6	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	4
7	16590	NUT .50NC LOCK NY. INSERT FLANGE	4

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



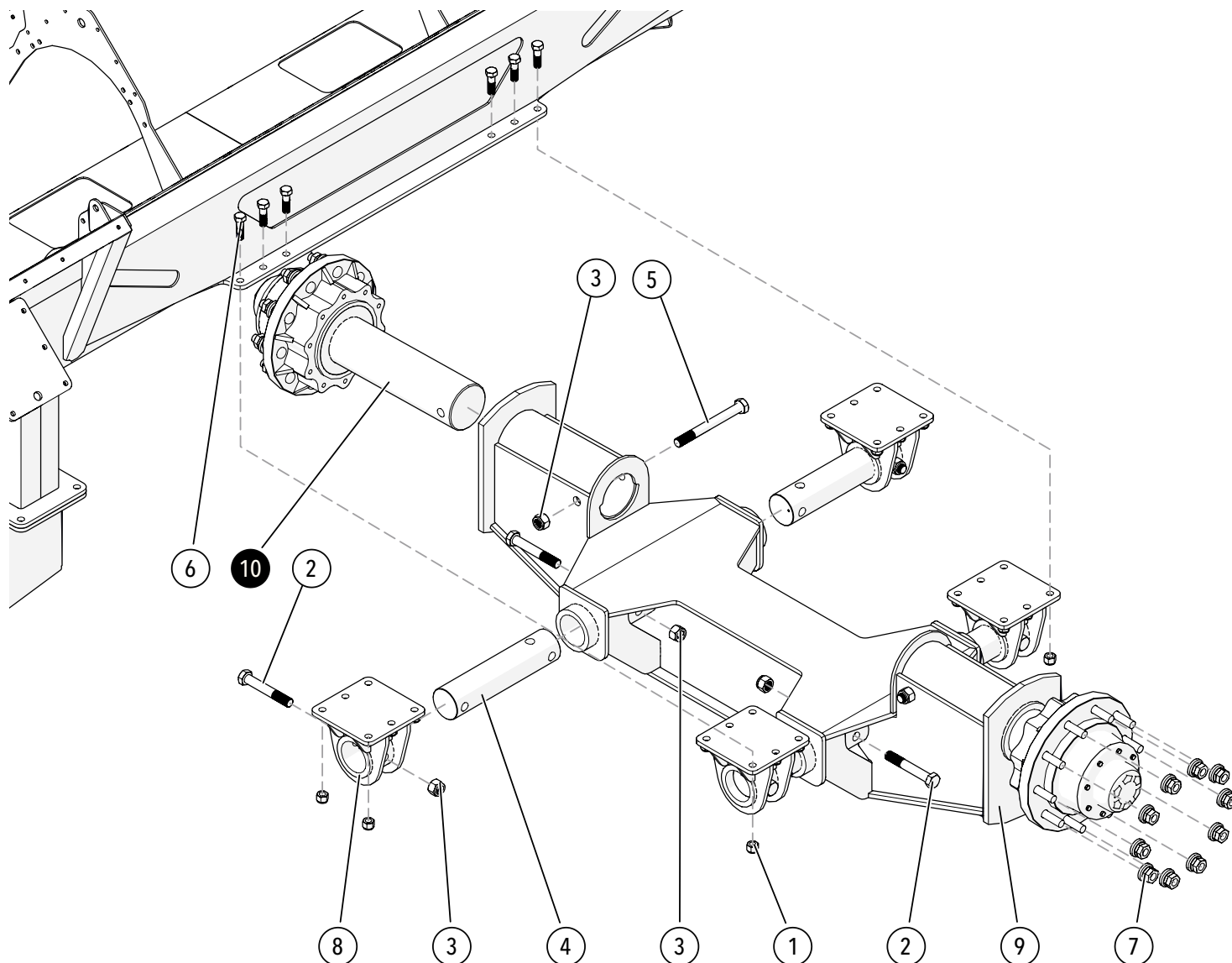
ID	Item No	Description	Qty
1	16489	LONG CROSS BRACE (1100)	4
-	16489	LONG CROSS BRACE (1300)	5
2	16490	SHORT CROSS BRACE (1100)	4
-	16490	SHORT CROSS BRACE (1300)	5
3	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	20
4	16590	NUT .50NC LOCK NY. INSERT FLANGE	20

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



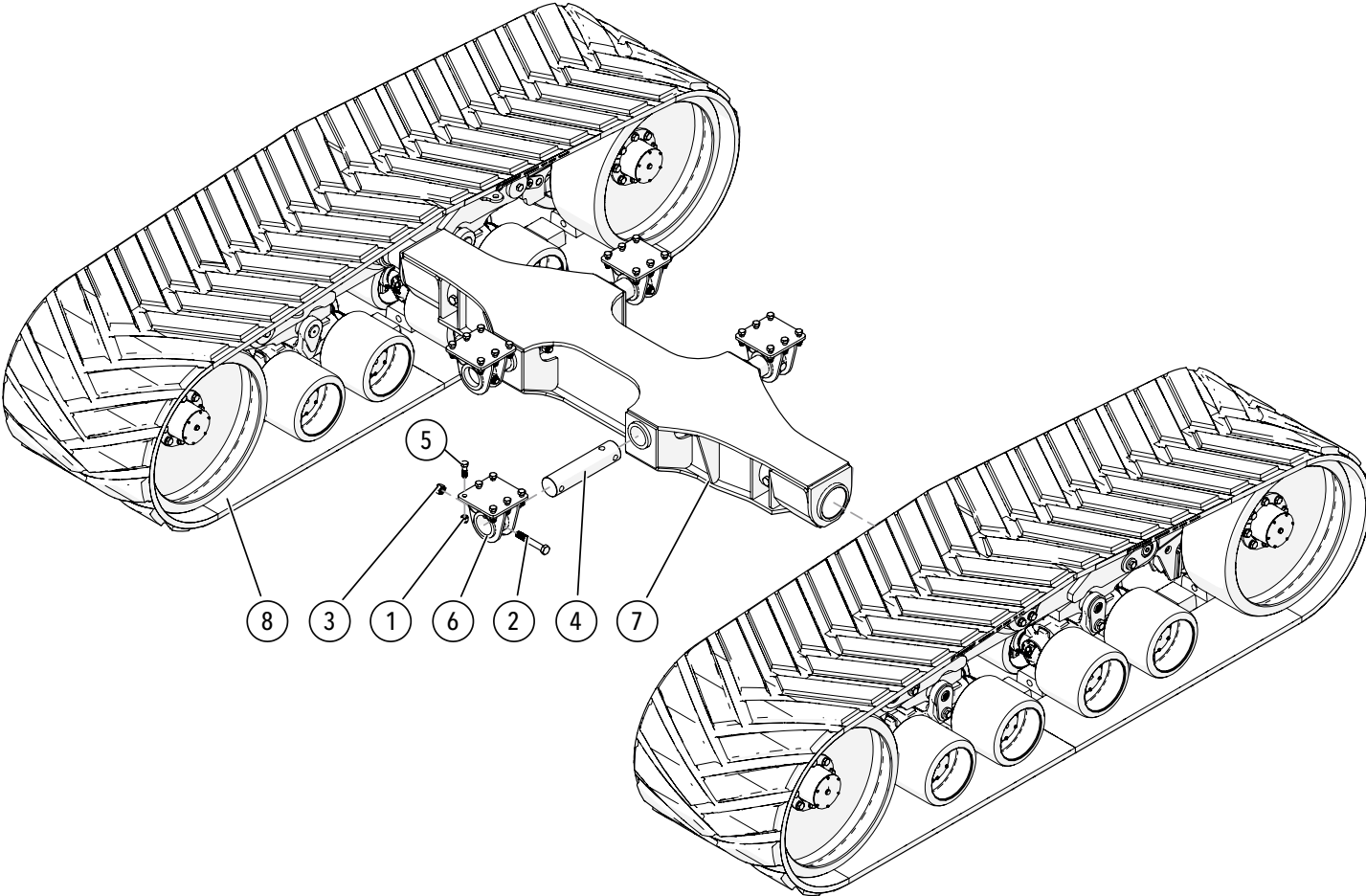
ID	Item No	Description	Qty
1	16258	BOLT .375NC X .75 GR5 HEX FLG	42
2	16259	BOLT .375NC X 1.00 GR5 HEX FLG	6
3	16260	NUT .375NC NYLON LOCK FLG	43
4	16494	FRONT EXTENSION	1
5	16495	REAR EXTENSION	1
6	16496	LH EXTENSION (1100)	2
-	16492	LH EXTENSION (1300)	2
7	16497	LH EXTENSION CENTER (1100)	1
-	16493	LH EXTENSION CENTER (1300)	1
8	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	2
9	16590	NUT .50NC LOCK NY. INSERT FLANGE	2

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



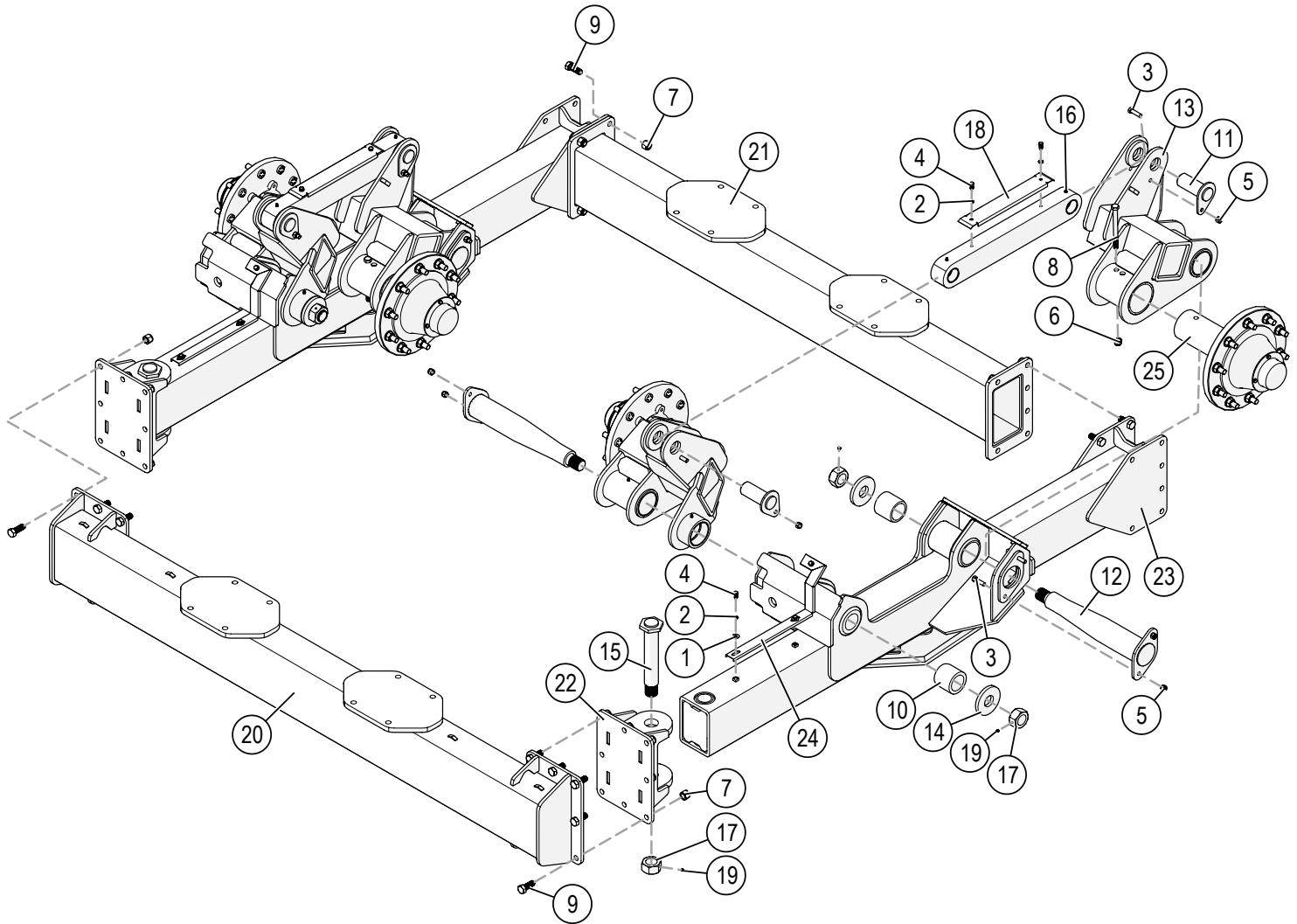
ID	Item No	Description	Qty
1	02961	.75NC NYLON INSERT LOCK NUT	24
2	09454	BOLT 1.0NF X 6.50 GR8 HEX	8
3	09455	NUT, 1.0NF NYLON INSERT HEX	10
4	13983	SCALE HITCH WEIGHBAR, 3.725"	4
5	14029	BOLT 1.0NF X 9.50 GR8 HEX	2
6	14700	BOLT .75NC X 2.50 GR8 HEX	24
7	15830	WHEEL NUT 22MM LOCKING	20
8	16424	WEIGHBAR MOUNT	4
9	16425	SINGLE AXLE	1
10	35754	HUB & SPINDLE (NON-SCALE)	2

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	8
3	09455	NUT, 1.0NF NYLON INSERT HEX	8
4	13983	SCALE HITCH WEIGHBAR, 3.725"	4
5	14700	BOLT .75NC X 2.50 GR8 HEX	24
6	16424	WEIGHBAR MOUNT	4
7	16583	TRACK AXLE ASSY	1
8	6295	TRACK CARRIAGE KIT	1

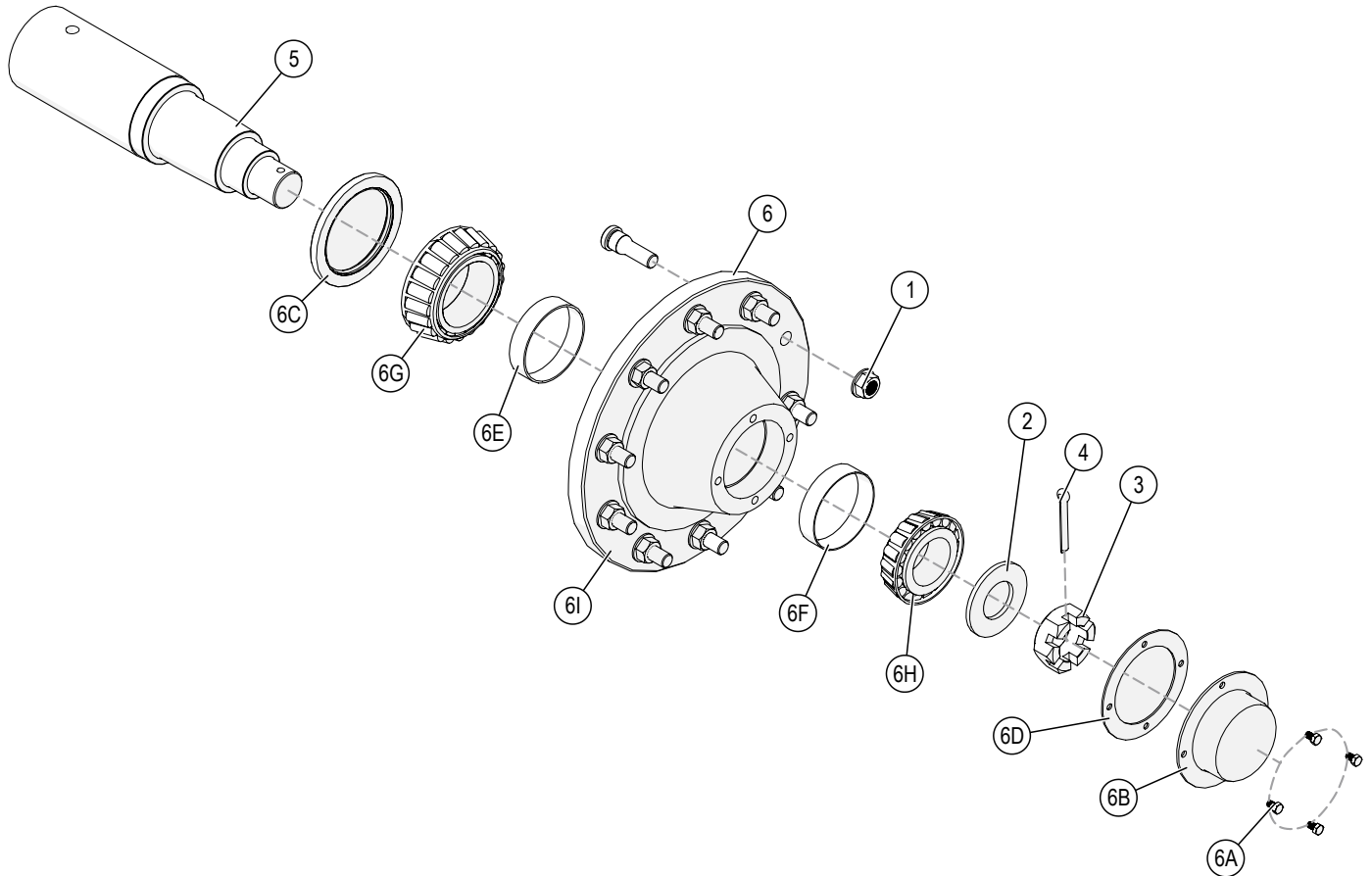
When ordering replacement parts please provide the Unit Color and Item Number



ID	Item No	Description	Qty
1	00059	WASHER, FLAT .375	4
2	00060	.375 LOCKWASHER	10
3	00482	BOLT .50NC X 1.75 GR5 HEX	12
4	01899	BOLT .375NC X .75 GR5 HEX	10
5	02178	NUT, .50NC LOCK, NY. INSERT	12
6	02587	NUT, .625 NC NYLON LOCK	4
7	02961	.75NC NYLON INSERT LOCK NUT	26
8	04836	HEX BOLT .625NC X 7.00	4
9	11097	BOLT .75NC X 2.00 GR8 HEX	26
10	13331	AXLE BUSHING	4
11	13335	TOP LINK PIN	4
12	13336	TAPER PIN	4
13	13338	A-ARM FOR 1400 DUALS	4
14	13371	WASHER	4
15	13375	PIVOT PIN ASSEMBLY	2
16	13376	CONNECTOR LINK ASSEMBLY	2
17	13439	1 3/4-12NF HEX NUT W/ SET SCREW HOLE	6
18	13493	UPPER WIRE COVER F/ AXLE	2
19	13521	SET SCREW .25NC X .375 SOCKET CUP POINT	6
20	17221	FRONT CROSS TUBE	1
21	17222	REAR CROSS AXLE ASSEMBLY	1
22	17223	AXLE PIVOT ASSEMBLY	2
23	17224	ROCKER BASE	2
24	17251	FRONT WIRE COVER	2
25	35752	HUB & SPINDLE F/ 1400 GC	4

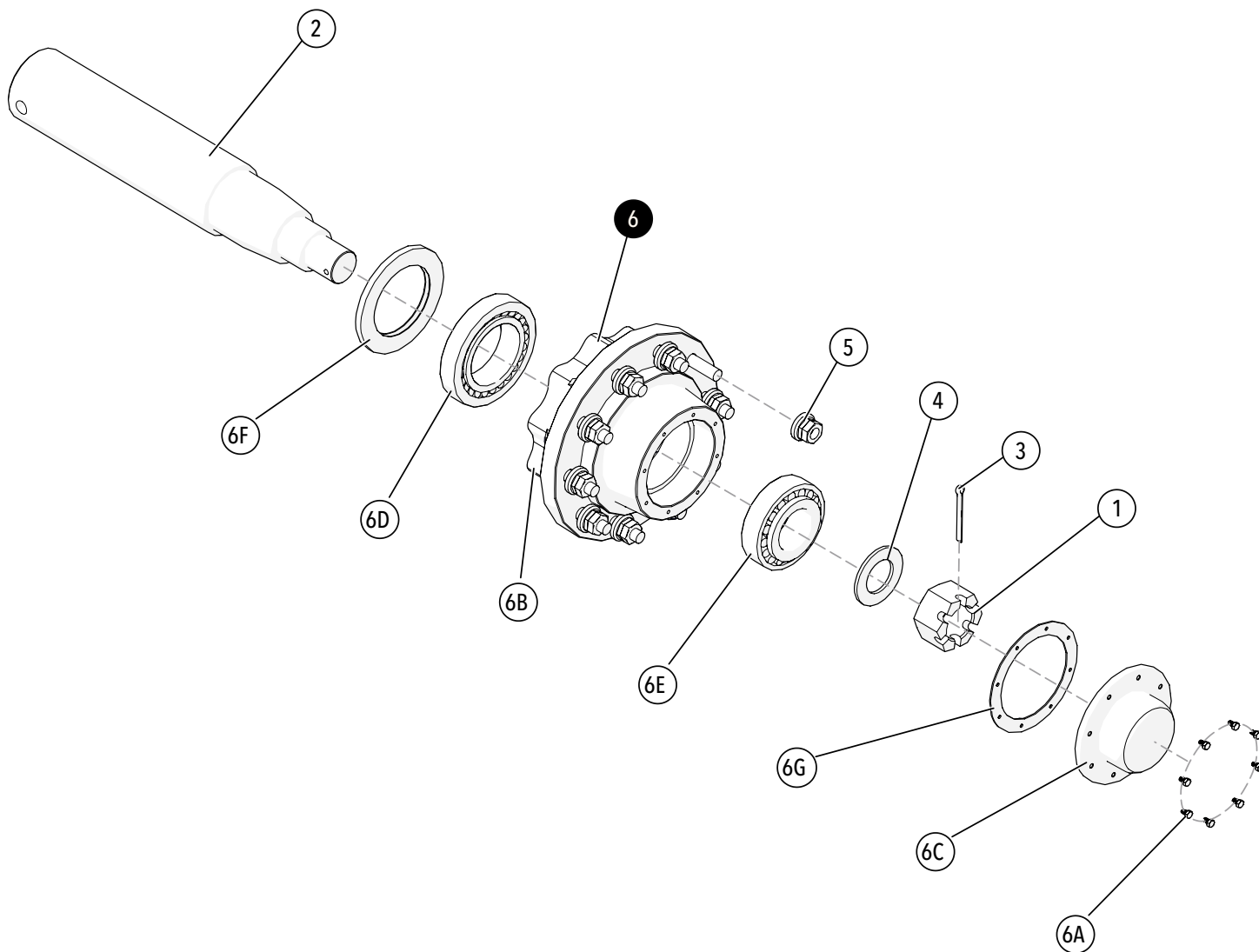
When ordering replacement parts please provide the Unit Color and Item Number

Dual Axle Spindle, 10 Bolt Hub



ID	Item No	Description	Qty
1	07435	3/4" UNF WHEEL NUT	10
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	11994	SPINDLE, 4.5" GRAIN CART	1
6	6063	HUB ASSEMBLY 10-BOLT W/ TIMKEN	1
6A	04305	BOLT, 5/16NC X .50 GR5 HEX	4
6B	09451	DUST CAP	1
6C	09452	OIL SEAL	1
6D	09532	HUB CAP GASKET	1
6E	14584	CUP INNER F/881 HUB, TIMKEN	1
6F	14585	CUP OUTER F/ 881, TIMKEN	1
6G	14586	INNER CONE BEARING, TIMKEN	1
6H	14587	OUTER CONE BEARING, TIMKEN	1
6I	14588	10-BOLT HUB #881 W/ TIMKEN CUPS	1

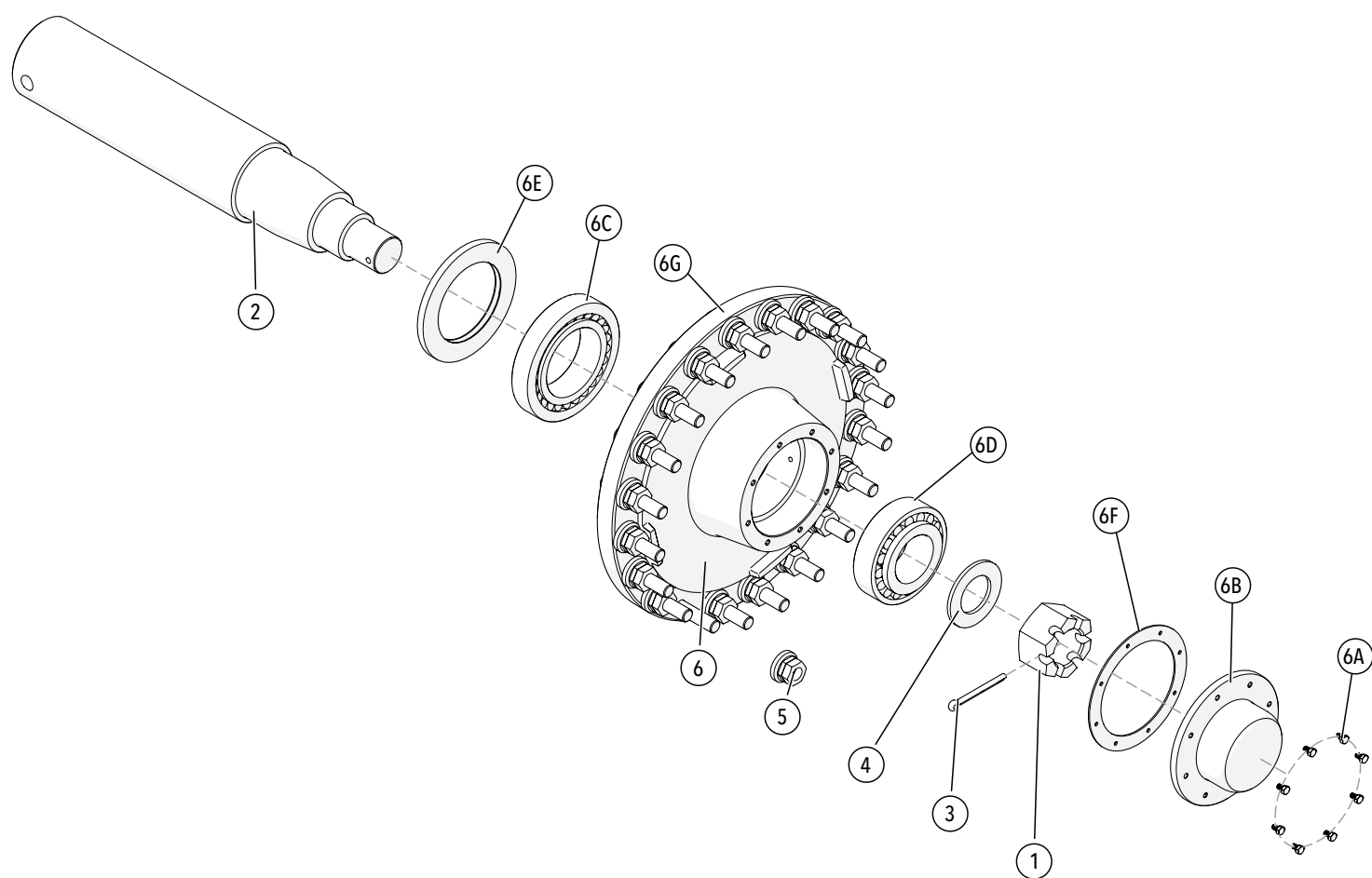
When ordering replacement parts please provide the Unit Color and Item Number



ID	Item No	Description	Qty
1	13899	NUT 2.50-12" SLOTTED HEX	1
2	13906	SPINDLE 5.50" 35K/50K HUB	1
3	13911	.375" X 4.0" COTTER PIN	1
4	14017	WASHER 4.50 O.D. x 2.63 I.D. x .25	1
5	15830	WHEEL NUT 22MM LOCKING	10
6	5963	HUB 50K BRAKING 10 BOLT	1
6A	04305	BOLT, 5/16NC X .50 GR5 HEX	8
6B	13900	HUB 50K W/ CUPS & STUD BOLTS	1
6C	13901	HUB CAP F/ 50K HUB	1
6D	13902	BEARING CONE 795, TIMKIN	1
6E	13903	BEARING CONE 842 TIMKIN	1
6F	14016	SEAL OIL F/ 50K HUB	1
6G	14025	GREASE SEAL F/ 13900	1

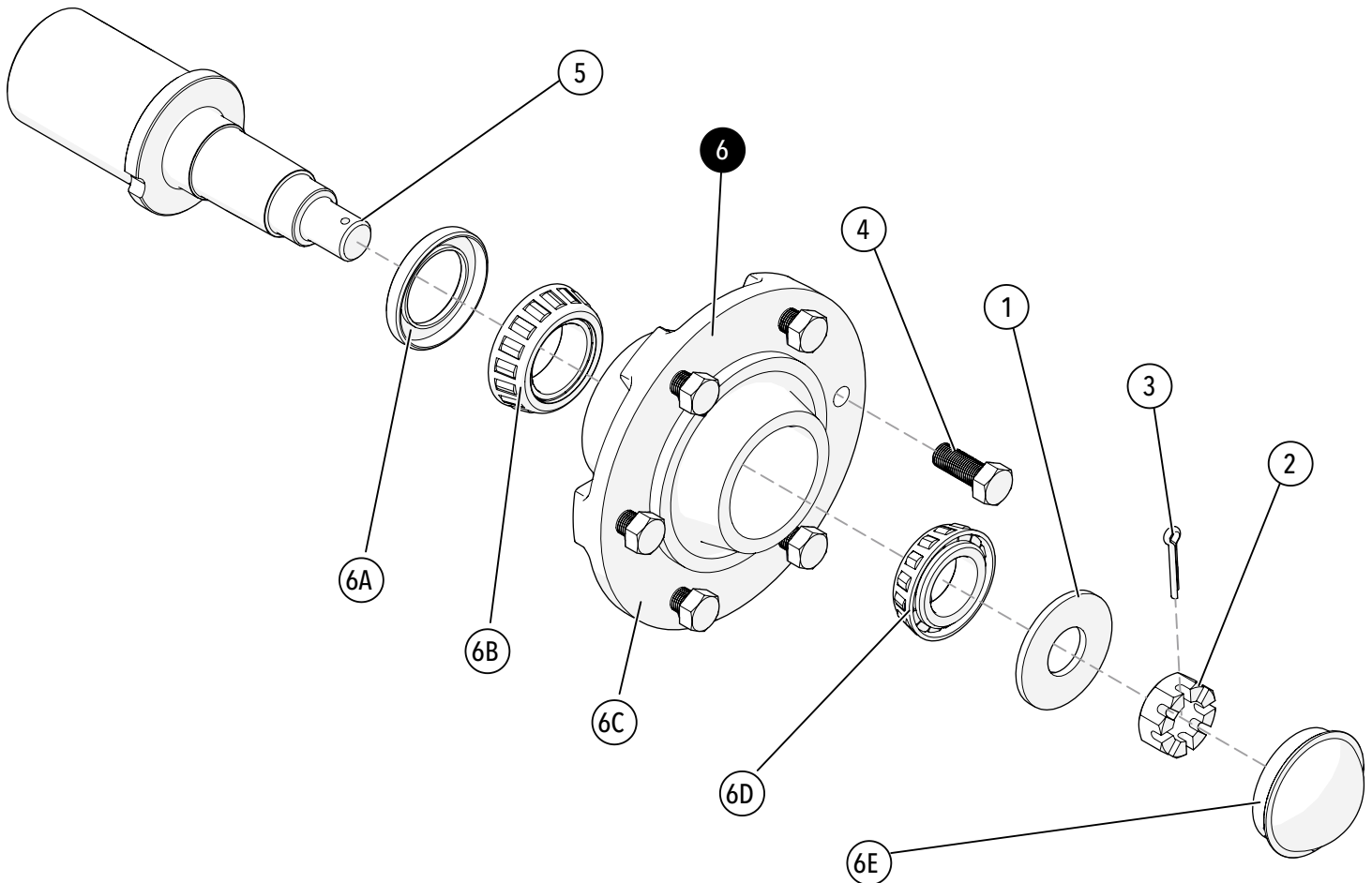
When ordering replacement parts please provide the Unit Color and Item Number

Single Axle Spindle, 20 Bolt Hub



ID	Item No	Description	Qty
1	13899	NUT 2.50-12" SLOTTED HEX	1
2	13906	SPINDLE 5.50" 35K/50K HUB	1
3	13911	.375" X 4.0" COTTER PIN	1
4	14017	WASHER 4.50 O.D. x 2.63 I.D. x .25	1
5	15830	WHEEL NUT 22MM LOCKING	20
6	6151	HUB 50K BRAKING 20 BOLT	1
6A	04305	BOLT, 5/16NC X .50 GR5 HEX	8
6B	13901	HUB CAP F/ 50K HUB	1
6C	13902	BEARING CONE 795, TIMKIN	1
6D	13903	BEARING CONE 842 TIMKIN	1
6E	14016	SEAL OIL F/ 50K HUB	1
6F	14025	GREASE SEAL F/ 50K HUB	1
6G	15552	HUB 20 BOLT 50K W/ CUPS & STUD BOLTS	1

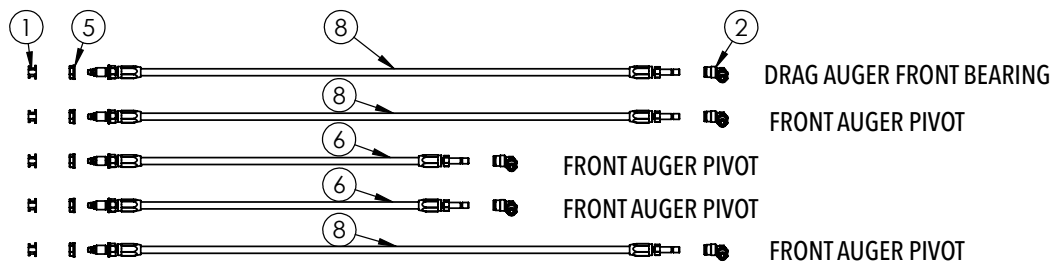
When ordering replacement parts please provide the Unit Color and Item Number



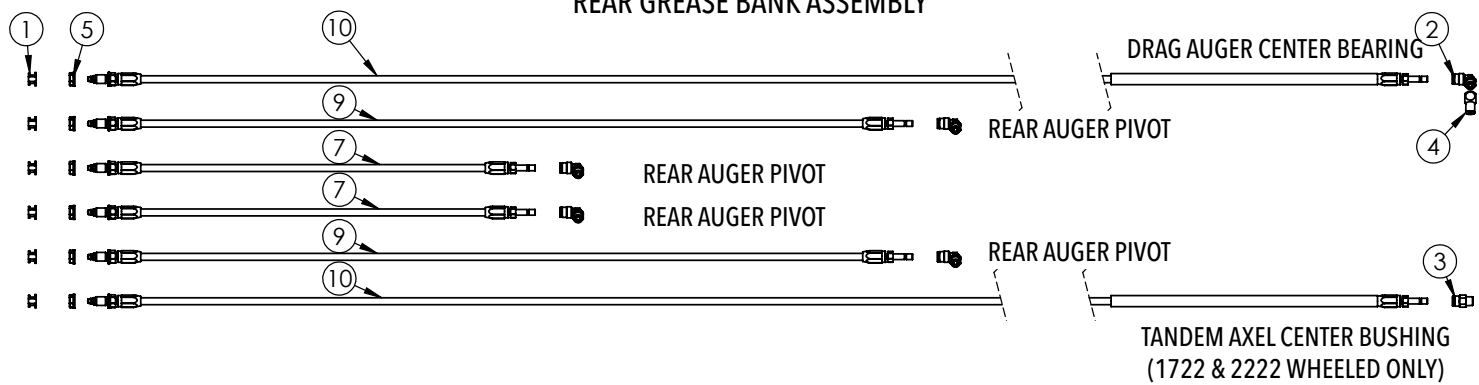
ID	Item No	Description	Qty
1	00114	WASHER F/ #888 & #783 HUB	1
2	00115	NUT, CASTLE, F/#888 & # 783 HUBS	1
3	02363	COTTER PIN	1
4	05031	BOLT .50NF X 1.25 GR5 HEX	6
5	15406	SPINDLE, 3.00 X 8.50	1
6	5157	HUB ASSEMBLY, #888 NON-BRAKING	1
6A	00110	OIL SEAL	1
6B	00111	INNER CONE BEARING	1
6C	00112	HUB ASSEMBLY	1
6D	00113	OUTER CONE BEARING	1
6E	00117	DUST CAP	1

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

FRONT GREASE BANK ASSEMBLY

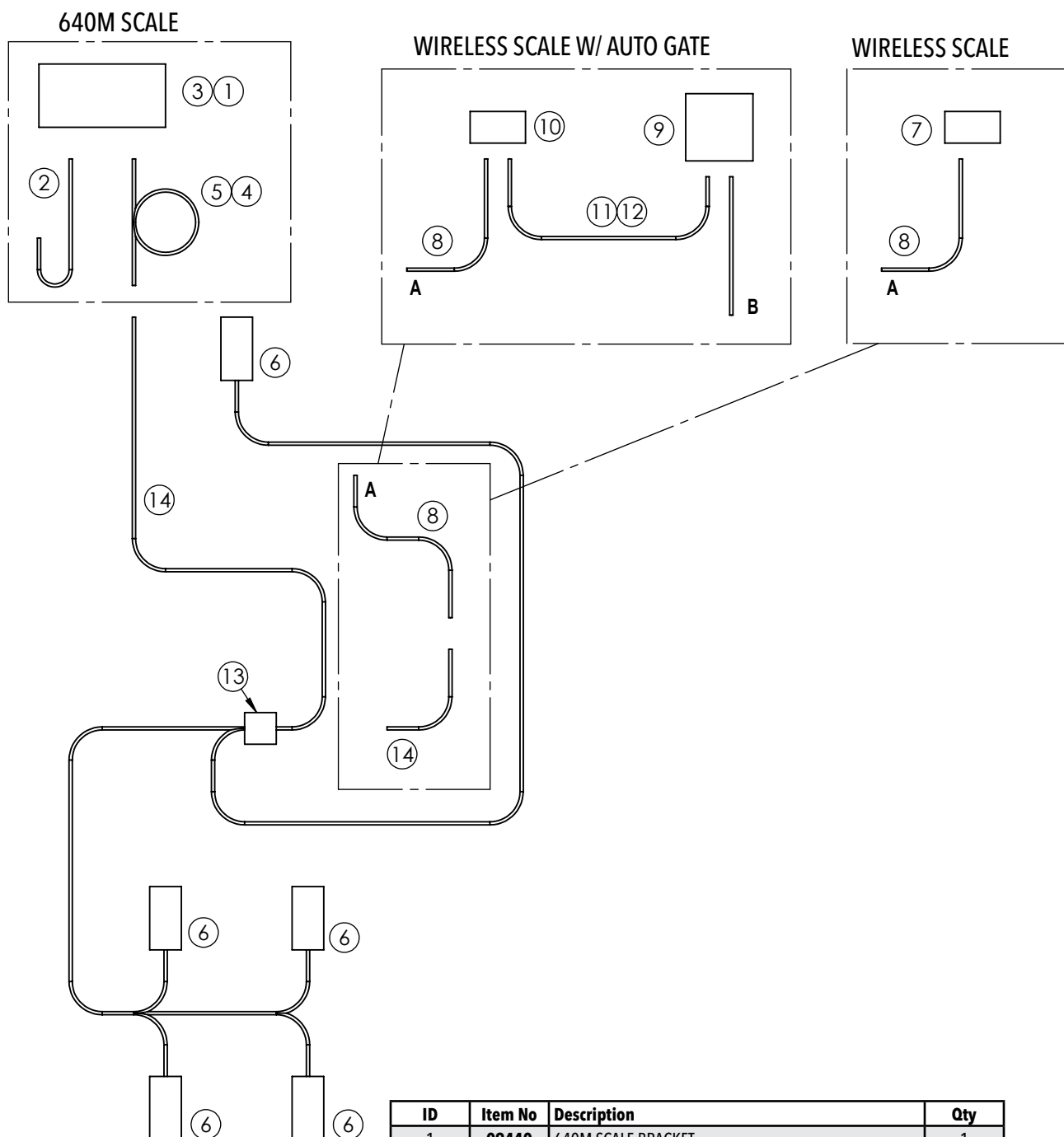


REAR GREASE BANK ASSEMBLY



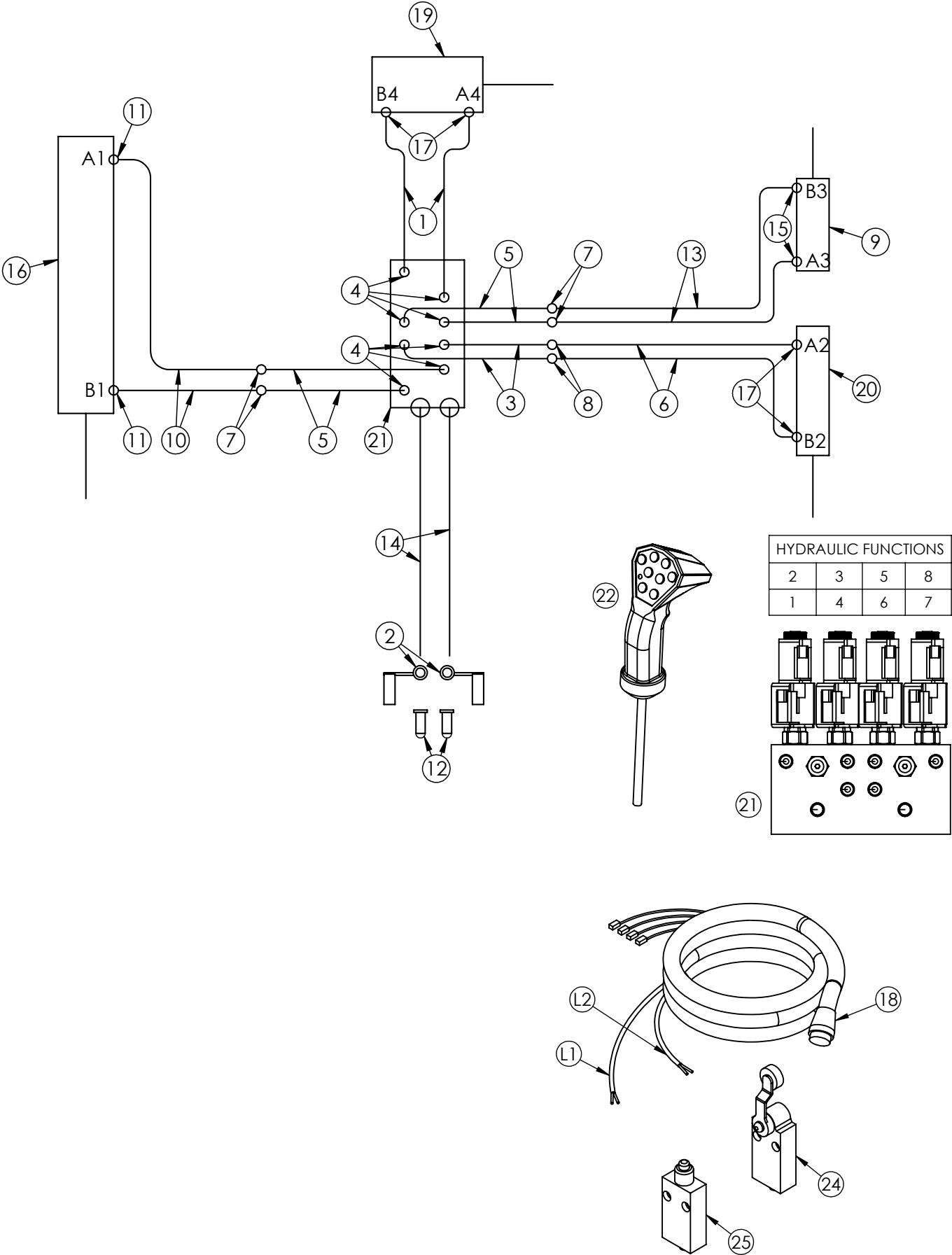
ID	Item No	Description	Qty
1	16995	ZERK CAP PLASTIC	10
2	16996	SWIVEL PUSH TO CONNECT FTG .25 X .125 NPT	10
3	16997	STR PUSH TO CONNECT FTG .25 X .125 NPT	1
4	16998	FTG ADAPTER 45° 1/8" NPT X 1/8" NPT	1
5	17020	FLANGE BULKHEAD NUT	10
6	17069	HOSE GREASE FILLED ASSEMBLY 14"	2
7	17070	HOSE GREASE FILLED ASSEMBLY 17"	2
8	17071	HOSE GREASE FILLED ASSEMBLY 23.5"	3
9	17072	HOSE GREASE FILLED ASSEMBLY 34"	2
10	17073	HOSE GREASE FILLED ASSEMBLY 192"	1

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



ID	Item No	Description	Qty
1	09440	640M SCALE BRACKET	1
2	09441	POWER CORD 8 FT	1
3	12259	MONITOR WEIGHTRONIX 640M	1
4	12264	HARNESS 25 JUNCTION BOX TO CONSOLE	1
5	13266	HARNESS 15 JUNCTION BOX TO CONSOLE	1
6	13983	WEIGHBAR 3.75 X 15.75 W/ CABLE	5
8	14992	CABLE F/ WIRELESS SCALE 5P TO AMP 3FT	1
-	15360	BATTERY AA 3.6V LITHIUM (REPLACEMENT)	-
9	15968	CONTROL F/ WIRELESS SCALE W/ GATE CONTROL	1
10	17067	CONTROL BOX AUTO GATE F/ BACKLIT PENDANT	1
11	16409	HARNESS 26 AUTO GATE	1
12	16410	HARNESS 12 EXTENSION FOR 16409	1
13	16574	JUNCTION BOX FOR BARE WIRES	1
14	16654	HARNESS 9 JUNCTION BOX CABLE	1

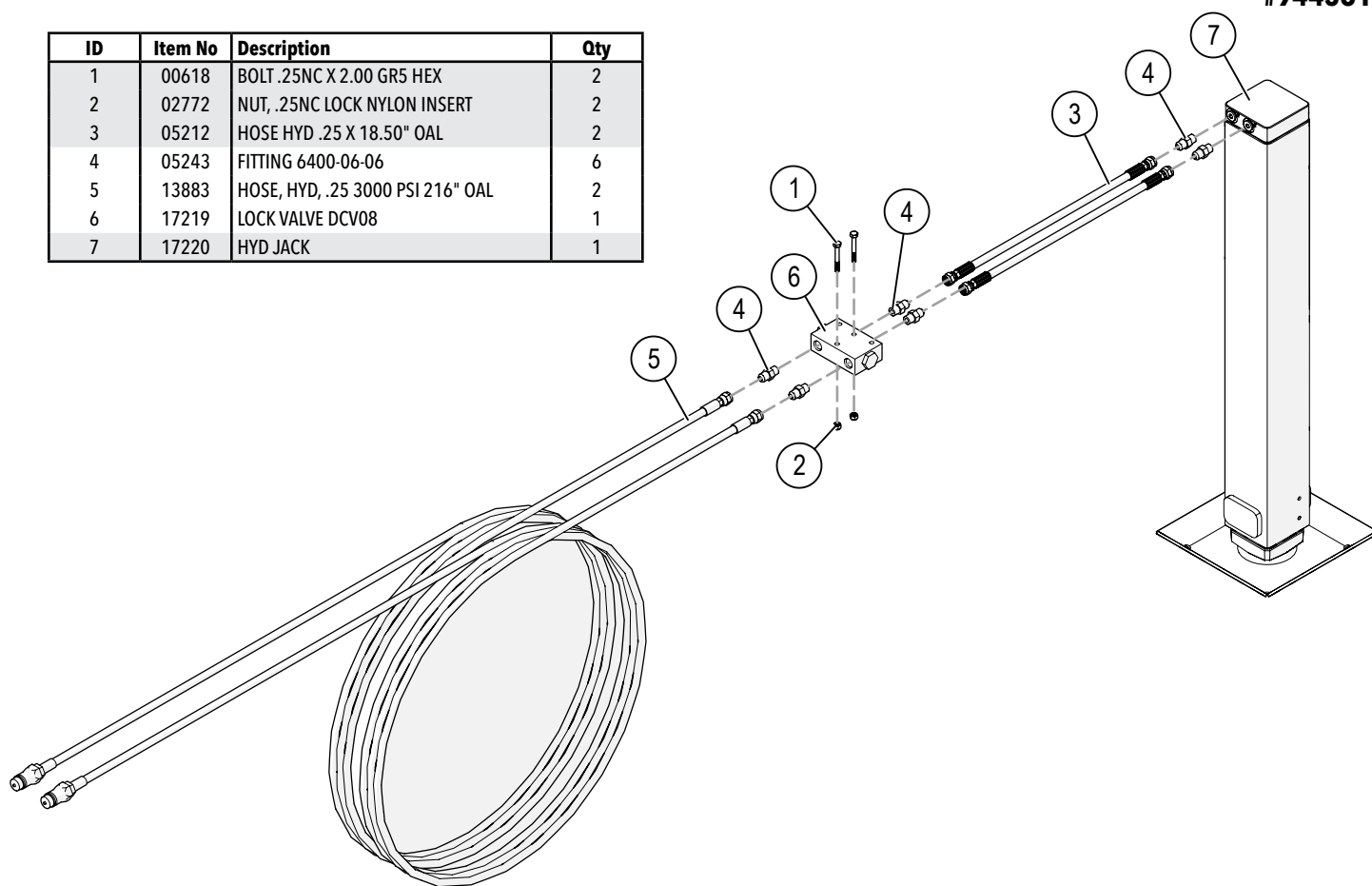
When ordering replacement parts please provide the Unit Color and Item Number



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

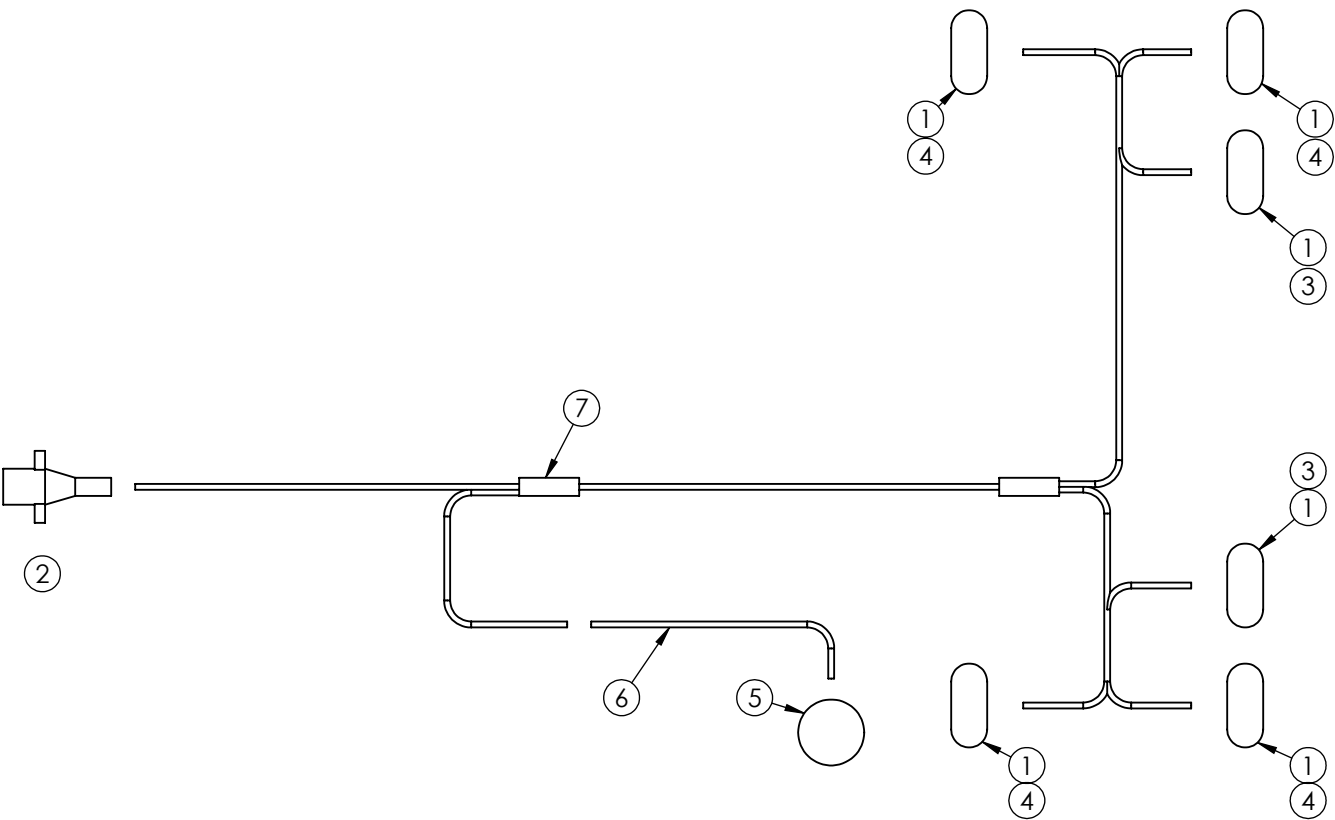
#9445616

ID	Item No	Description	Qty
1	00618	BOLT .25NC X 2.00 GR5 HEX	2
2	02772	NUT, .25NC LOCK NYLON INSERT	2
3	05212	HOSE HYD .25 X 18.50" OAL	2
4	05243	FITTING 6400-06-06	6
5	13883	HOSE, HYD, .25 3000 PSI 216" OAL	2
6	17219	LOCK VALVE DCV08	1
7	17220	HYD JACK	1



ID	Item No	Description	Qty
1	05190	HOSE HYD .25 X 48" OAL	2
2	05198	COVER RUBBER F/05197 QUICK COUPLER (BLACK)	2
3	05212	HOSE HYD .25 X 18.50" OAL	2
4	05243	FTG HYD STR .563-18M TUBE X .563-18M O-RING SWIVEL	8
5	07071	HOSE HYD .25 X 72" OAL	4
6	09171	HOSE HYD .25 X 192 OAL	2
7	09950	FTG HYD STR .563"M (2X) UNION	4
8	12374	FTG BULKHEAD 3/8 JIC 45	2
9	12522	CYLINDER ASSEMBLY, 1.50", .75 ROD (CHUTE)	1
10	13069	HOSE HYD .25 X 106" OAL 3/8" MPT & FEMALE #6 JIC	2
11	13442	FTG HYD ELB -10 ORING X -6 JIC 6801-6-10	2
12	13786	QUICK COUPLER #10 O-RING (REPLACEMENT)	1
13	13884	HOSE HYD .25 X 258" OAL W/ #6 FEMALE JIC BOTH ENDS	2
14	13885	HOSE HYD .50 X 264" OAL W/ #10 OR 90° SWIVEL W/ORING COUPLER	2
15	13886	FTG HYD ELB 90° #6 MALE ORING X #6 MJIC W/ .041 ORIFICE	2
16	13984	HYD CUSHION CYLINDER 4.50" X 32.00" (FOLDING)	1
17	15158	FTG HYD ELBOW 90° #8 MALE O-RING X #6 MALE JIC	4
18	17007	HARNESS 26' HITCH TO BLOCK (REPLACEMENT)	1
19	16405	CYLINDER 4" X 12" STROKE (HEIGHT)	1
20	16406	HYD CYLINDER 3" X 8" (FLOW)	1
21	16407	BLOCK HYD 8 FUNCTION	1
-	14084	CARTRIDGE GS04	-
-	15636	COIL	-
22	17005	PENDANT 8 FUNCTION BACKLIT F/ 16407	1
23	17060	HARNESS 12' F/ BACKLIT HITCH TO BLOCK EXTENSION (REPLACEMENT)	-
24	16823	LIMIT SWITCH AUGER REST CONTROL W/ PLUGS	1
25	16824	LIMIT SWITCH AUGER HEIGHT CONTROL W/ PLUGS	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	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	16404	HARNESS WIRE 1100/1300 MODELS CART	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.

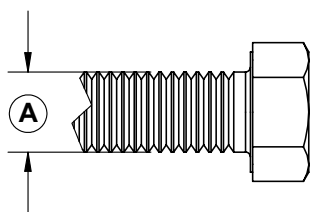
BOLT TORQUE DATA FOR STANDARD NUTS, BOLTS, AND CAPSCREWS.

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.

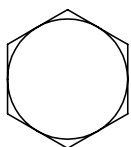
NOTE: Unless otherwise specified, high-strength Grade 5 hex bolts are used throughout assembly of equipment.

* 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)

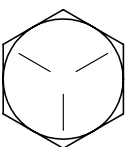
* BOLT TORQUE FOR METRIC BOLTS						
"A"	CLASS 8.8		CLASS 9.8		CLASS 10.9	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
6	9	(13)	10	(14)	13	(17)
7	15	(21)	18	(24)	21	(29)
8	23	(31)	25	(34)	31	(42)
10	45	(61)	50	(68)	61	(83)
12	78	(106)	88	(118)	106	(144)
14	125	(169)	140	(189)	170	(230)
16	194	(263)	216	(293)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



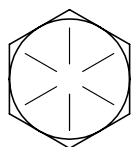
GRADE-2



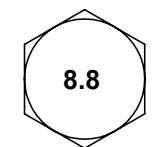
GRADE-5



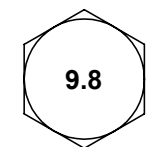
GRADE-8



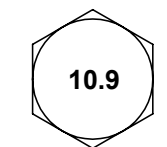
CLASS 8.8



CLASS 9.8



CLASS 10.9



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



4010 320th St., Boyden, IA. 51234

Phone: (712) 725-2311

Fax: (712) 725-2380

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

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