

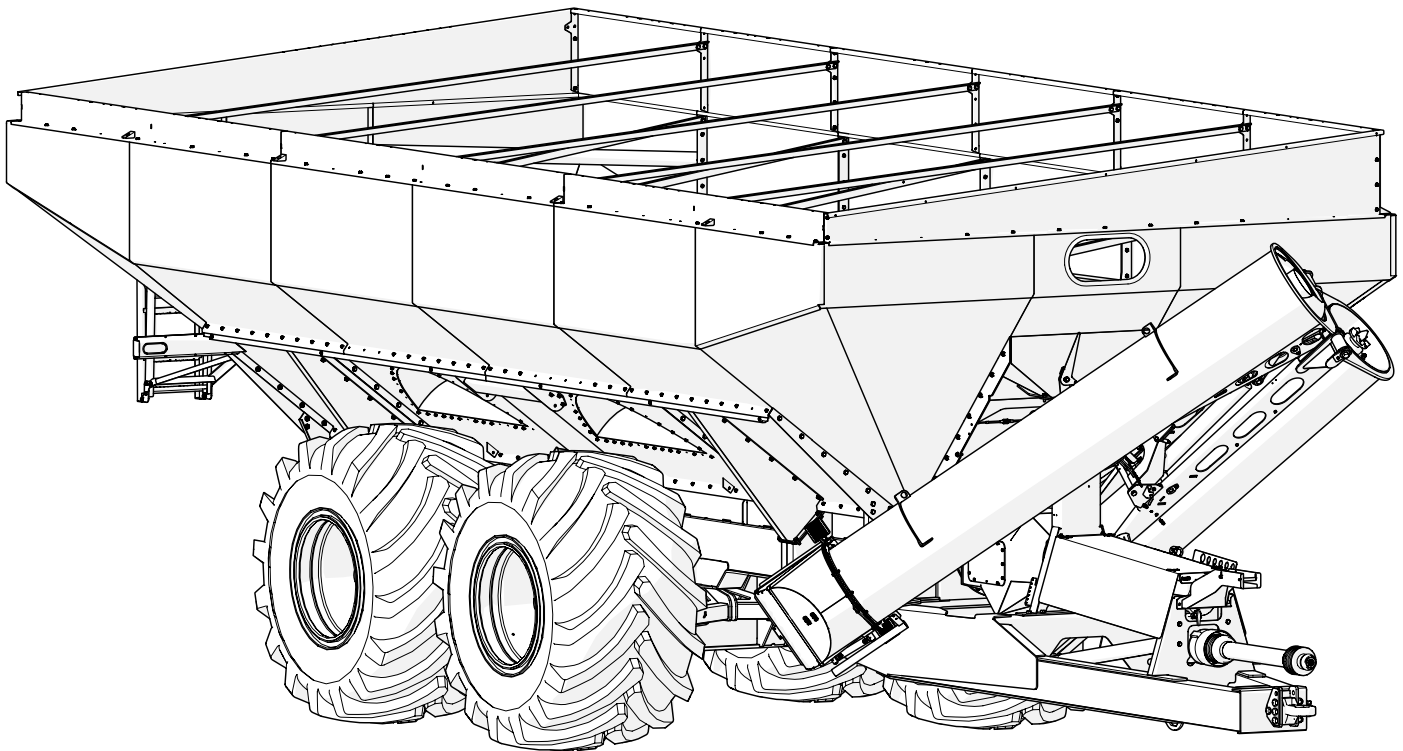


Doing Our Best to Provide You the Best

AG20058, Rev 3
07/26

GRAIN CART - DUAL AUGER FRONT FOLD

1700DA & 2200DA



PARTS MANUAL

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Grain Cart Information

This parts manual is for Demco Grain Carts Models: 1700 and 2200 Production 2024 - Current

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

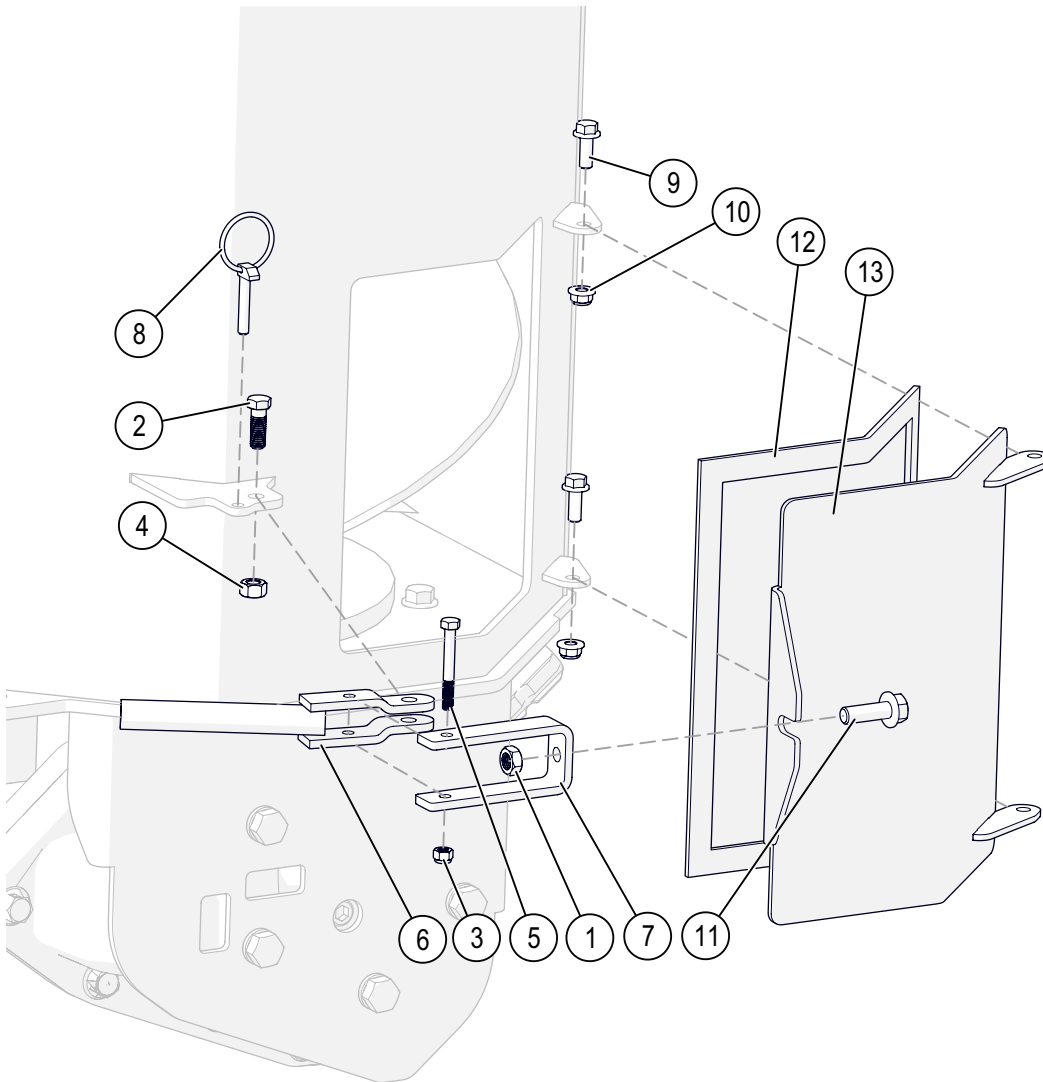
Serial Number _____

Date of Purchase _____

Dealer Information _____

Replacement Parts

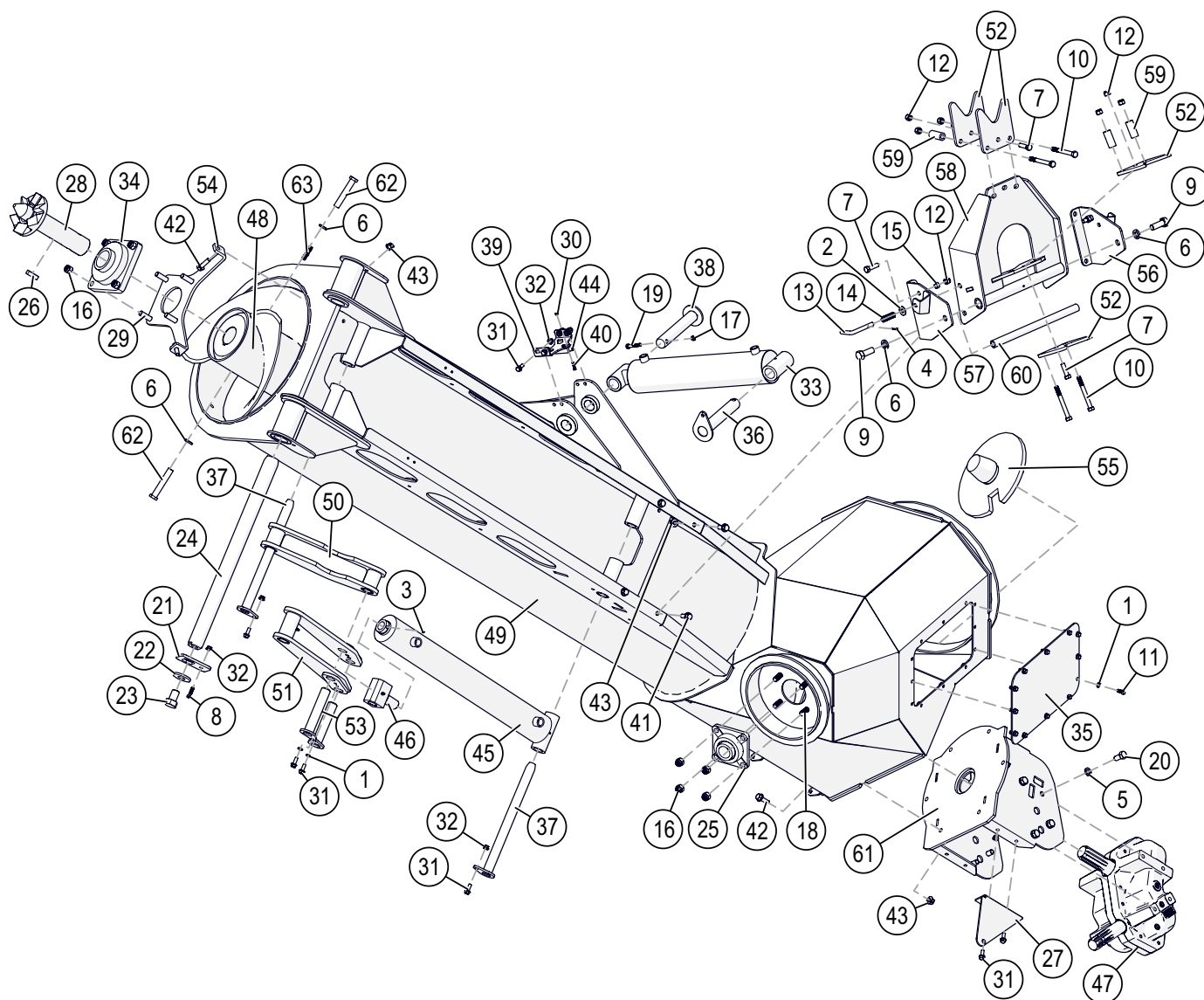
When ordering replacement parts provide the Unit Color and Item Number.



ID	Item No	Description	Qty
1	00640	NUT .50NC JAM	1
2	01898	BOLT .438NC X 1.25 GR5 HEX	1
3	02802	NUT, .313 NC NYLON LOCK	1
4	03724	NUT .438NF LOCK CENTER PUNCH	1
5	04221	BOLT .313NC X 2.50 GR5 HEX	1
6	05309	WING LATCH HANDLE F/DMB60	1
7	05310	WING LATCH CHANNEL	1
8	14221	LYNCH PIN, .313	1
9	16259	BOLT .375NC X 1.00 GR5 HEX FLG	2
10	16260	NUT .375NC NY LOCK FLANGE	2
11	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	1
12	18244	FOAM GASKET 3/4" X 3/16"	1
13	18467	CLEAN OUT DOOR	1

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

Lower Auger Assembly



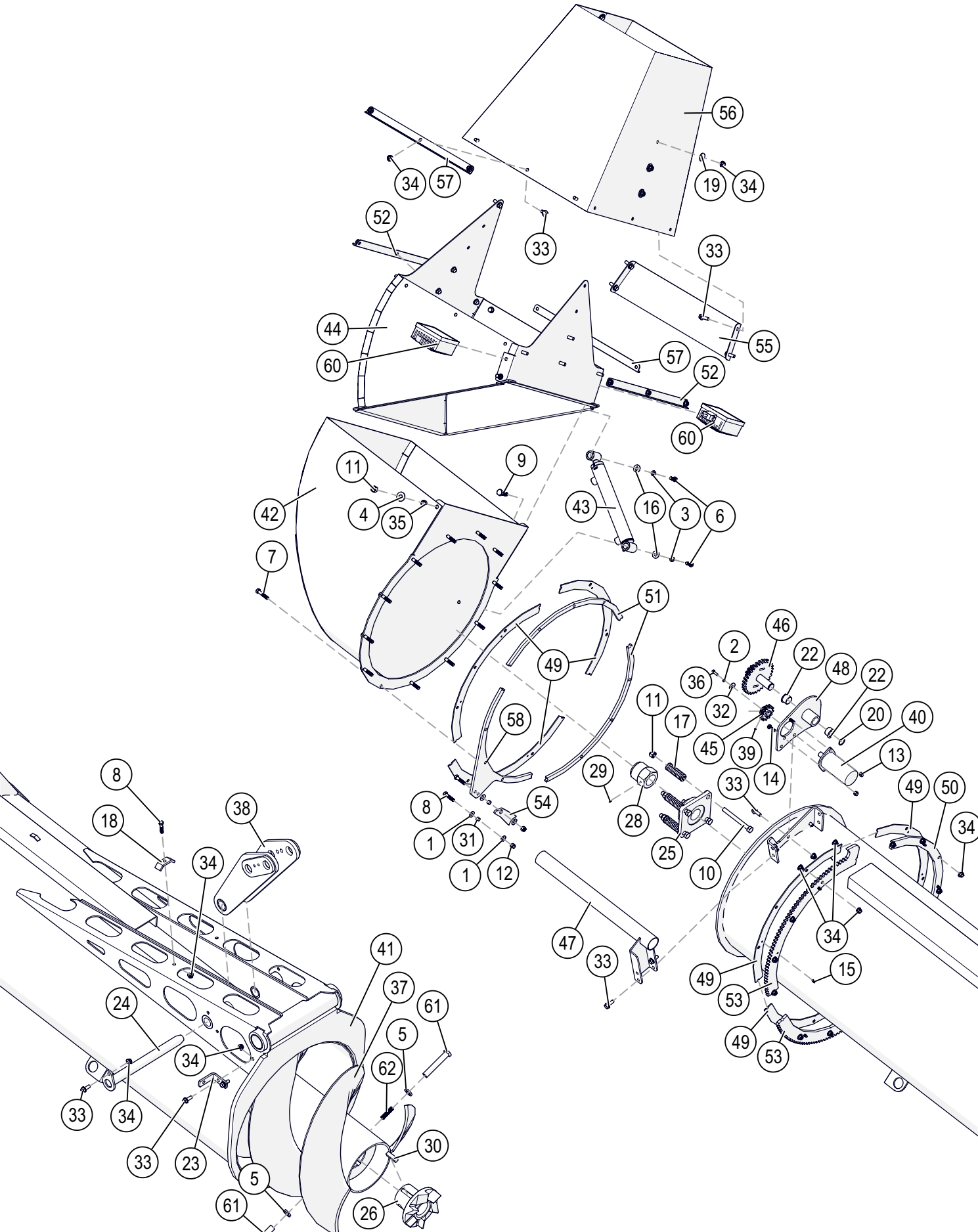
When ordering replacement parts please provide the Unit Color and Item Number

ID	ITEM NO	DESCRIPTION	QTY
1	00060	.375 LOCKWASHER	14
2	00085	.50 FLAT WASHER	1
3	00087	SET SCREW .313NC X .313 SOCKET HEAD	1
4	00185	COTTER PIN	1
5	00248	WASHER SPRING LOCK 0.625	8
6	00254	.75" LOCKWASHER	4
7	00482	BOLT .50NC X 1.75 GR5 HEX	4
8	00523	BOLT .375NC X 1.25 GR5 HEX	1
9	01235	BOLT .75NC X 2.00 GR5 HEX	2
10	01338	BOLT .50NC X 4.50 GR5 HEX	4
11	01899	BOLT .375NC X .75 GR5 HEX	12
12	02178	NUT, .50NC LOCK, NY. INSERT	8
13	02187	ROD, LOCK PIN	1
14	02208	SPRING, COMPRESSION, 2"	1
15	02579-95	BUSHING, SPACER PIVOT	2
16	02587	NUT, .625 NC NYLON LOCK	8
17	02592	NUT, .375NC NYLON LOCK	1
18	03698	BOLT .625NC X 1.75 GR5 HEX	4
19	04226	BOLT .375NC X 2.00 GR5 HEX	1
20	05366	BOLT .625NC X 1.25 GR5 HEX	8
21	13010	AUGER PIN PLATE	1
22	13011	AUGER PIN WASHER	1
23	13012	1.0"-8NC X 1.50 HEX BOLT GR5	1
24	13342	AUGER PIN	1
25	13411	BEARING 1.75" 4-BOLT FLANGE	1
26	13538	.50 x .50 x 1.75" KEY	1
27	13599	GEARBOX U-JOINT SHIELD	1
28	14110	INNER DRIVE CASTING	1
29	15944	BOLT .625NC X 2.25 HEX GR5	4
30	16056	NUT #8-32 NYLON INSERT	2
31	16259	BOLT .375NC X 1.00 GR5 HEX FLG	10
32	16260	NUT, .375NC NY LOCK FLANGE	8
33	16405	CYLINDER 4" X 12" STROKE	1

ID	ITEM NO	DESCRIPTION	QTY
37	16414	2.5"IPTCI BEARING	1
35	16475	ACCESS DOOR	1
36	16542-95	CYL PIN	1
37	16543-95	LOWER HYD CYL PIN	2
38	16544-95	PIN, CYL	1
39	16565	LIMIT SWITCH MOUNT	1
40	16585	SCREW #8-32 X 1.00 PHILLIPS PAN HD	2
41	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	4
42	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	8
43	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	13
44	16824	LIMIT SWITCH ASSEMBLY	1
45	17104	HYD CUSHION CLY 3.50" X 24.00"	1
46	17310	HYDRAULIC CYLINDER END SMALL	1
47	17562	GEARBOX, SUPERIOR H13B	1
-	18193	GEARBOX, STAR IND.	-
48	17800	AUGER FLIGHTING LOWER BLK 20.50"	1
49	18020	RH LOWER AUGER	1
-	18110	LH LOWER AUGER	-
50	18021	LOWER FOLD LINK	1
51	18022	UPPER FOLD LINK	1
52	18043	AUGER REST PLATE	4
53	18066-95	AUGER PIN, 1.25"	2
54	18094	BEARING MOUNT PLATE	1
55	18564	LOWER DRIVE PLATE	1
56	18565	LEFT REST MOUNT	1
57	18566	RIGHT REST MOUNT	1
58	18567	ADJUSTABLE AUGER REST	1
59	18568	STOP BUSHING	4
60	18569	INNER PIVOT TUBE	1
61	18622	GEARBOX MNT2, SUPERIOR & STAR	1
62	18786	AUGER BARREL NUT F/ 22" AUGER	2
63	18787	STUD .50NC X 2.00 GR. BD	1

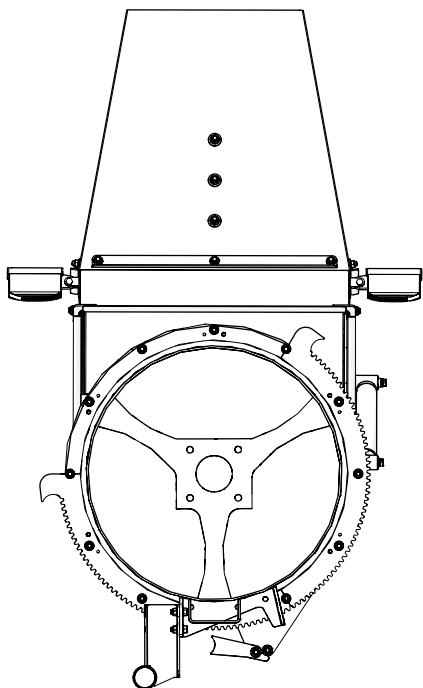
When ordering replacement parts please provide the Unit Color and Item Number

Upper Auger Assembly

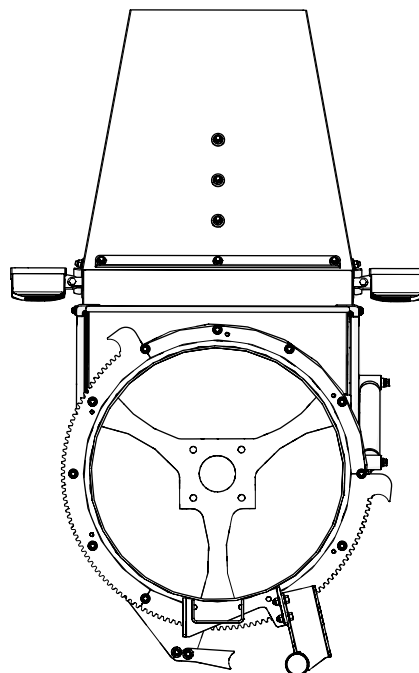


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LEFT HAND SPOUT ASSEMBLY



RIGHT HAND SPOUT ASSEMBLY

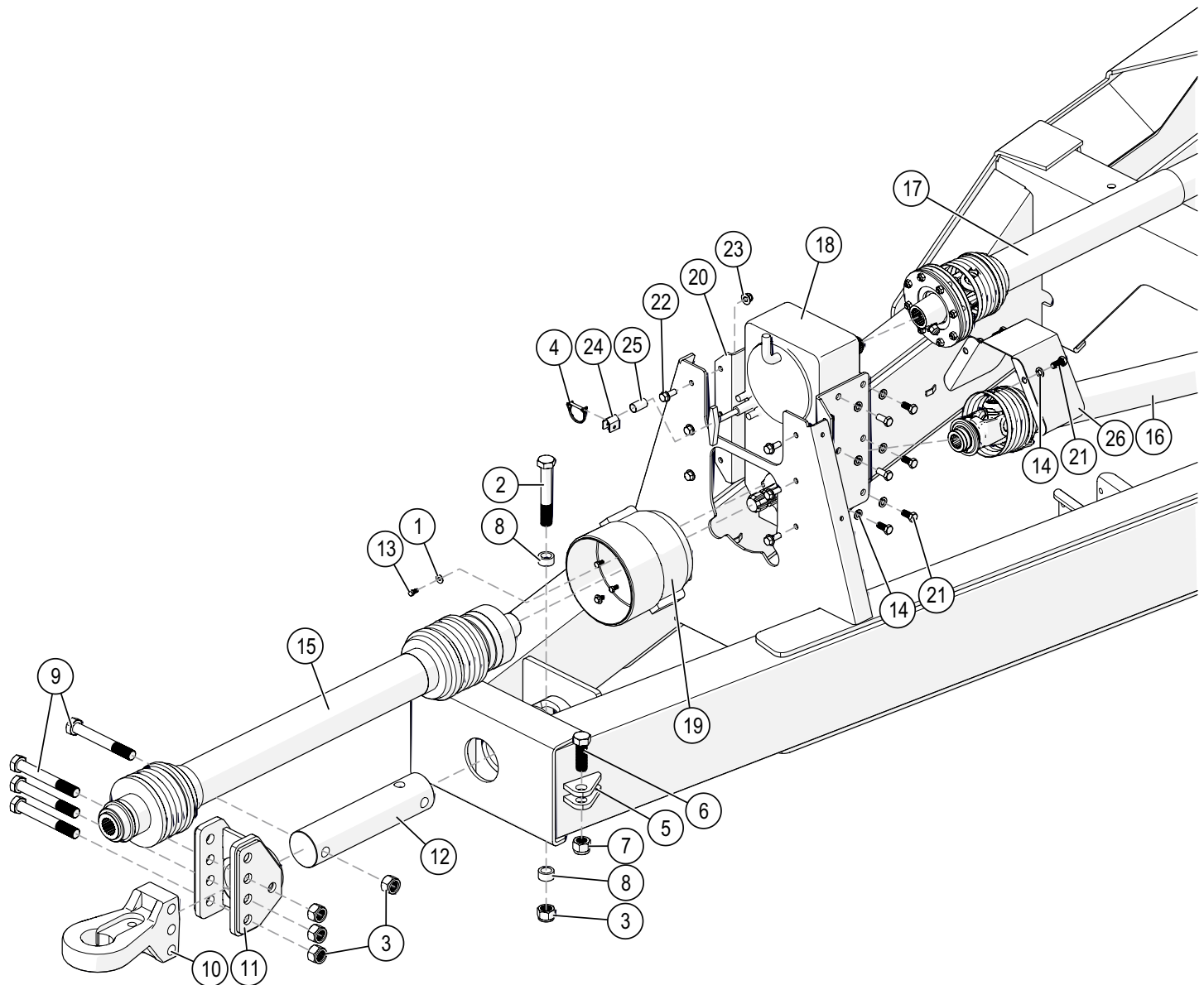


ID	ITEM NO	DESCRIPTION	QTY
1	00004	WASHER, FLAT, .313	4
2	00057	WASHER, .25 SPRING LOCK	1
3	00060	.375 LOCKWASHER	2
4	00085	.50 FLAT WASHER	2
5	00254	.75" LOCKWASHER	2
6	00907	BOLT .375NC X 1.00 GR5 HEX	2
7	00908	BOLT .375NC X 1.75 GR5 HEX	12
8	00914	BOLT .375NC X 1.50 GR5 HEX	3
9	01254	BOLT .50NC X 1.50 GR5 HEX	2
10	01975	BOLT .50NC X 5.00 GR5 HEX	4
11	02178	NUT, .50NC LOCK, NY. INSERT	6
12	02592	NUT, .375NC NYLON LOCK	2
13	02802	NUT, .313 NC NYLON LOCK	2
14	02990	BOLT .313NC X 1.00 GR5 HEX	2
15	04642	ZERK, GREASE, .25 UNF SF	7
16	07871	WASHER, FLAT, .375 PLAIN	2
17	09168	SPRING, COMPRESSION	4
18	09218	HOSE KEEPER, 2 HOSE	1
19	09229	WASHER, FENDER, 10MM	11
20	11360	EXTERNAL SNAP RING	1
21	12028	OUTER DRIVE CASTING	1
22	12292	1.00 ID X .75 PLASTIC BUSHING	2
23	12555	LIGHT BRACKET	1
24	13341	UPPER HYD CYL PIN	1
25	13411	BEARING 1.75" 4-BOLT FLANGE	1
26	13414	DRIVE CASTING OUTER W/ KEYWAY	1
27	13423	NUT, 1.75-12NF HEX	1
28	13424	NUT SPACER NUT	1
29	13521	SET SCREW .25NC X .375 SOCKET CUP POINT	1
30	13538	.50 x .50 x 1.75" KEY	1
31	13668	BUSHING F/COMMANDER ADAPTORS	2

ID	ITEM NO	DESCRIPTION	QTY
32	16122	WASHER .25 FENDER	1
33	16259	BOLT .375NC X 1.00 GR5 HEX FLG	31
34	16260	NUT, .375NC NY LOCK FLANGE	41
35	16571	DOOR BUSHING	2
36	17758	BOLT .25NF X .75 GR5 HEX	1
37	17801	AUGER FLIGHTING UPPER BLK 20.50" SHORT	1
38	18022	UPPER FOLD LINK	1
39	18350	SET SCREW 10-24 X .25 SOCKET CUP POINT	2
40	18528	HYD MOTOR BMMZ 50	1
41	18594	22" SHORT AUGER (4 WAY)	1
42	18595	ROTATIONAL CHUTE	1
43	18596	CYLINDER ASSEMBLY, 1.50 X 8, .75 ROD	1
44	18597	END CHUTE	1
45	18598	DRIVE GEAR	1
46	18599	INTERMEDIATE GEAR	1
47	18600	HOSE TUBE	1
48	18601	MOTOR MOUNT	1
49	18605	PIVOT SHIM	6
50	18606	PIVOT CAP	1
51	18607	PIVOT SPACER 3	2
52	18608	END STRAP SUPPORT	2
53	18609	LARGE GEAR	2
54	18610	LATCH	1
55	18611	SPOUT DIVIDER	1
56	18612	RUBBER EXTENSION	1
57	18613	SIDE STRAP SUPPORT	2
58	18614	PIVOT SPACER 2.1	1
59	18615	HOSE CLAMP F/.25 HYD HOSE	4
60	18747	LIGHT WORK LED 12V-36V W/WEATHER PACK	2
61	18786	AUGER BARREL NUT F/ 22" AUGER	2
62	18787	STUD .50NC X 2.00 GR. BD	1

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

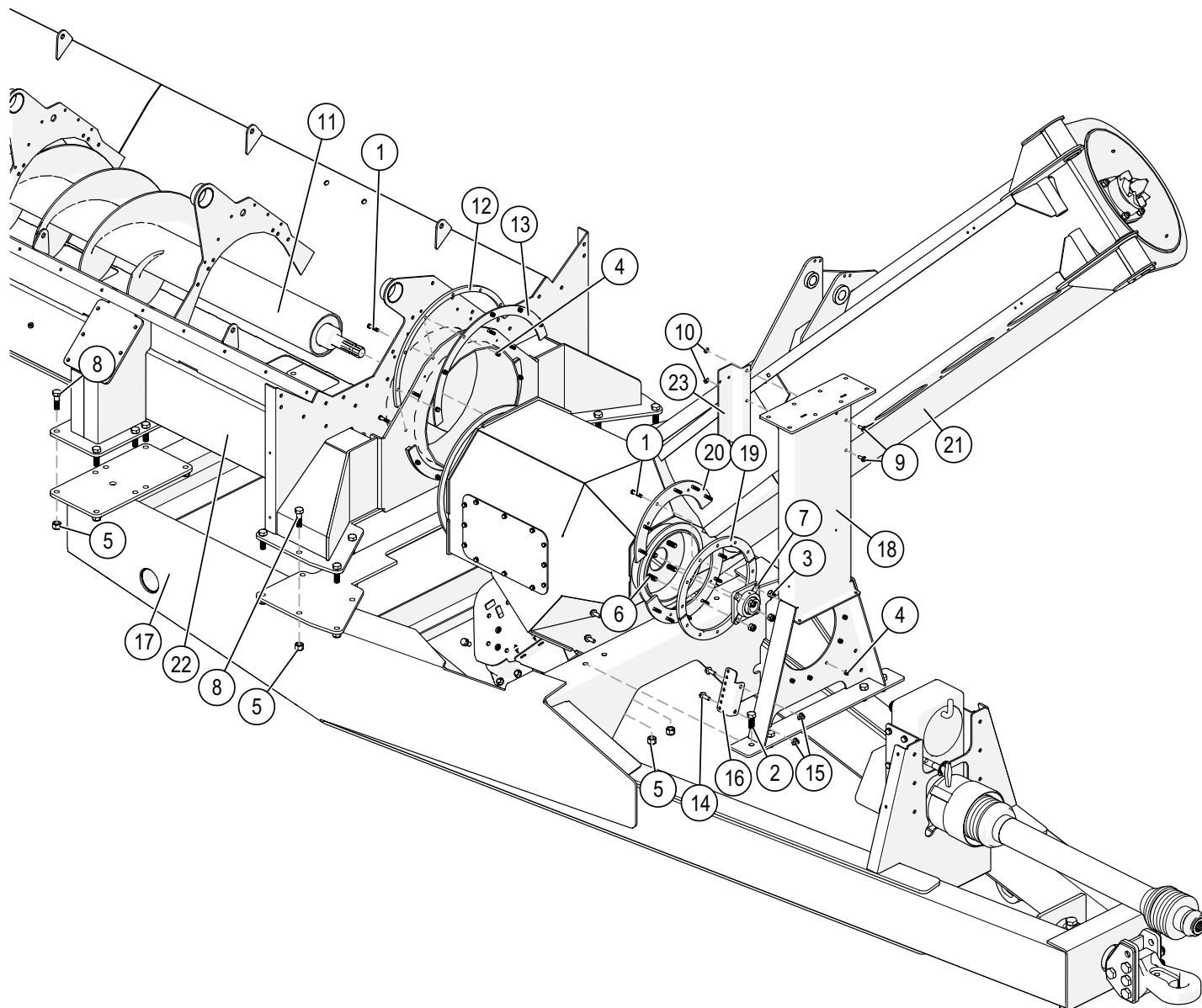
Hitch and Gearbox Assembly



ID	ITEM NO	DESCRIPTION	QTY
1	00004	WASHER, FLAT, .313	2
2	09454	BOLT 1.0NF X 6.50 GR8 HEX	1
3	09455	NUT, 1.0NF NYLON INSERT HEX	5
4	11790	PIN, .25 X 2.00 W/WIRE CLIP	1
5	12154	40,500 LB SAFETY CHAIN	1
6	12323	HEX BOLT 1.00-8UNC X 3.00	1
7	12477	1"-8 UNC NYLON INSERT NUT	1
8	13321	HITCH BOLT BUSHING	2
9	13510	BOLT 1.0NF X 7.50 GR8 HEX	4
10	13979	PERFECT HITCH 3 BOLT CAT 4/5	1
-	15902	BULL PULL HITCH CAT 3/4	-
-	15903	BULL PULL HITCH CAT 5	-
11	13982	HITCH CHANNEL MOUNT	1
12	13983	SCALE HITCH WEIGHBAR, 3.725"	1
13	14805	BOLT 8MM-1.25 X 16MM GR8.8	4
14	15841	WASHER, SPRING LOCK, 14MM	14
15	15939	MAIN DRIVESHAFT	1
16	15940	UNLOAD AUGER DRIVESHAFT	1

ID	ITEM NO	DESCRIPTION	QTY
17	15941	DRAG AUGER DRIVESHAFT	1
-	16693	FRICTION DISK	-
18	15942	PARALLEL SHAFT GEARBOX	1
-	17350	REPLACEMENT PLASTIC HANDLE F/ GEARBOX	-
19	16418	COUNTER CONE	1
20	16540	GEARBOX MNT	2
21	16575	BOLT 14MM-2.0 X 30MM GR8.8	14
22	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	6
23	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	6
24	16869	LOCKOUT CHANNEL	1
25	16884	LOCKOUT BUSHING	1
26	17147	REAR SHIELD	1

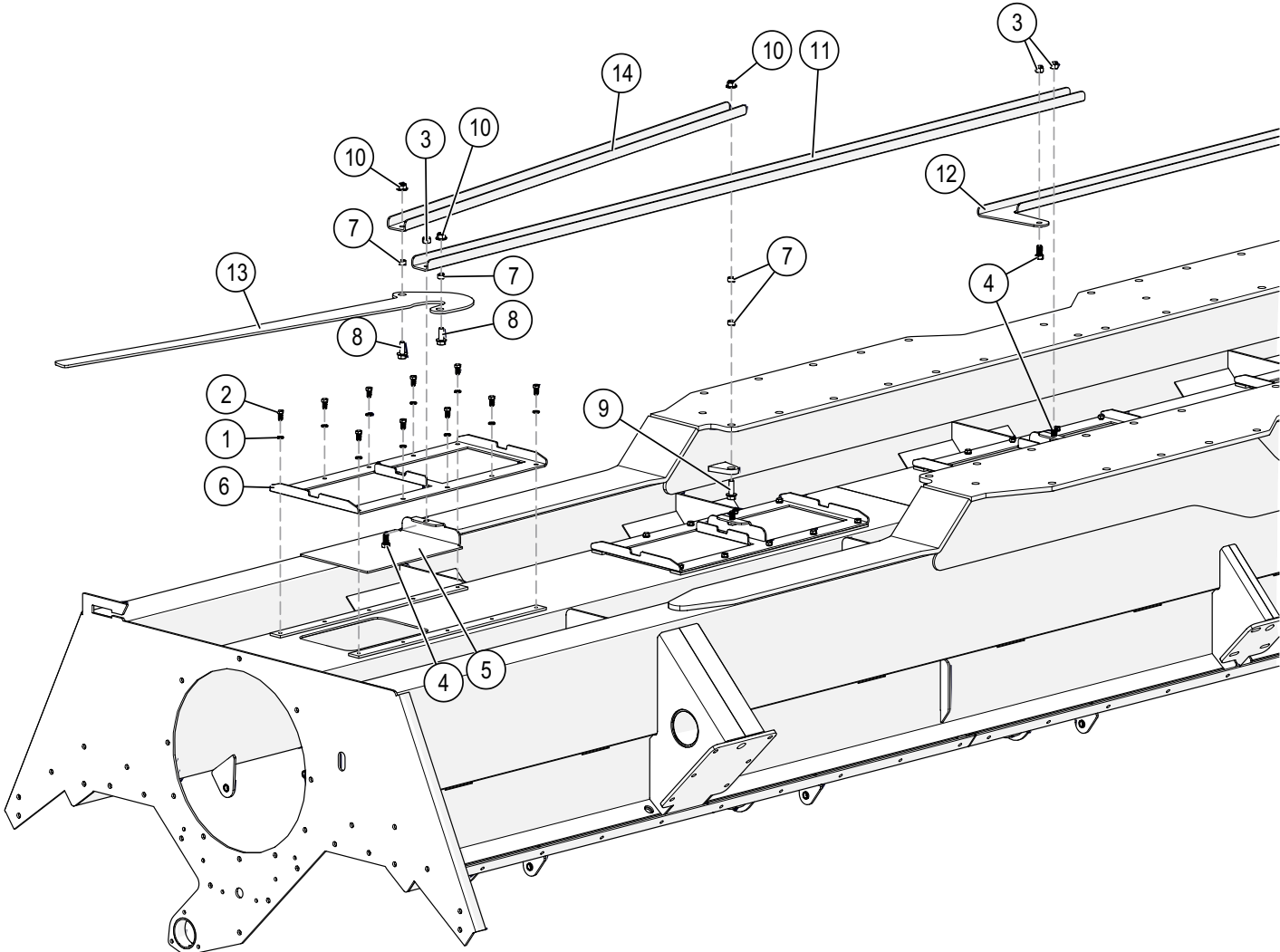
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ID	ITEM NO	DESCRIPTION	QTY
1	00908	BOLT .375NC X 1.75 GR5 HEX	24
2	01235	BOLT .75NC X 2.00 GR5 HEX	4
3	02587	NUT, .625 NC NYLON LOCK	4
4	02592	NUT, .375NC NYLON LOCK	24
5	02961	NUT, .75NC LOCK NYLON INSERT	26
6	03698	BOLT .625NC X 1.75 GR5 HEX	4
7	13411	BEARING 1.75" 4-BOLT FLANGE	1
8	14700	BOLT .75NC X 2.50 GR8 HEX	24
9	16259	BOLT .375NC X 1.00 GR5 HEX FLG	2
10	16260	NUT, .375NC NY LOCK FLANGE	2
11	16388	FRONT DRAG AUGER	1
12	16473	REAR TURRET SPACER	2
13	16474	REAR TURRET SPACER	2

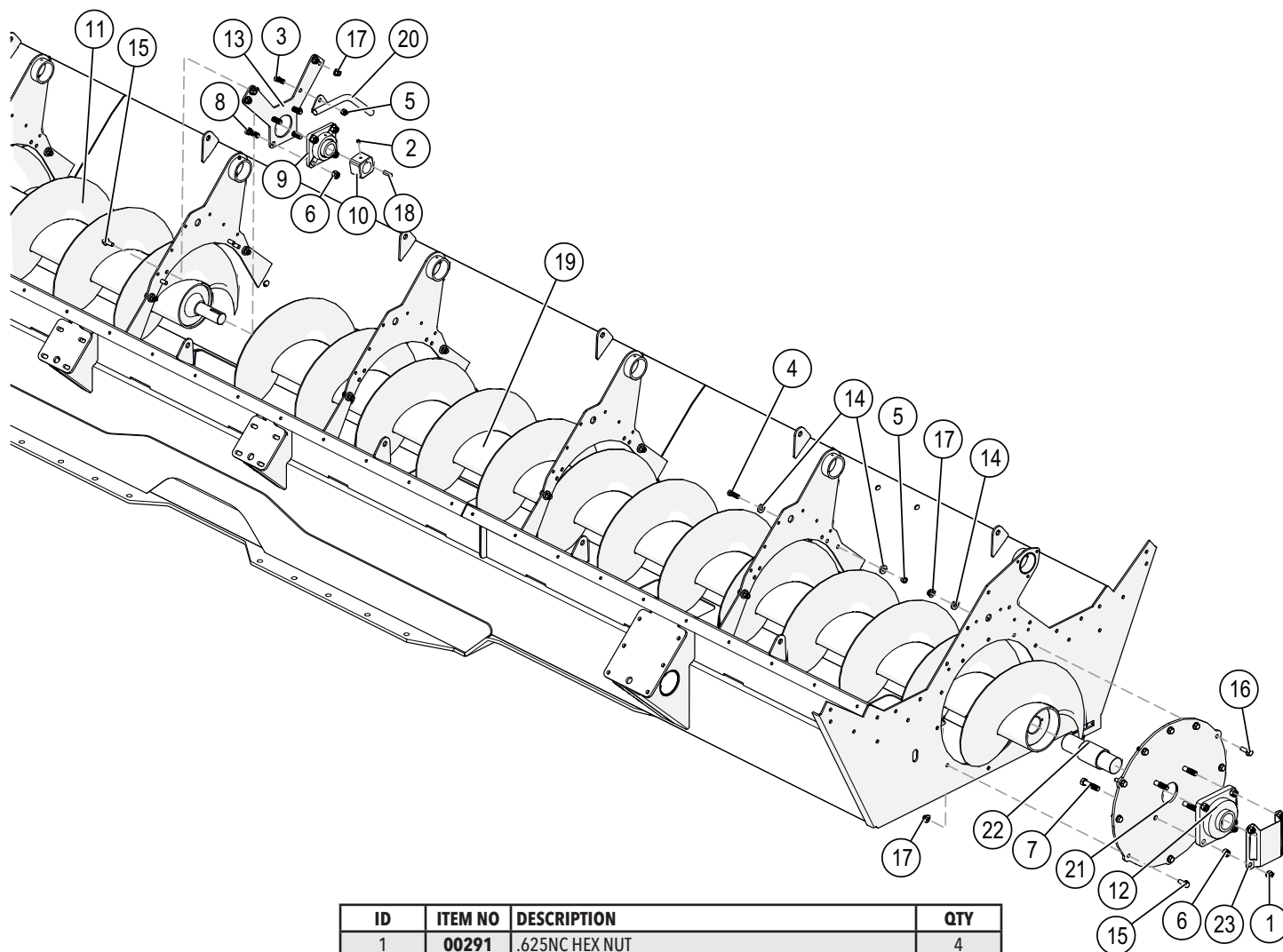
ID	ITEM NO	DESCRIPTION	QTY
14	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	2
15	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	2
16	17079	GREASE HOSE MOUNT	1
17	17874	DA TONGUE F/ LG CART	1
18	18025	FRONT BRACE	1
19	18093	FRONT TURRET SPACER	2
20	18095	FRONT TURRET CLAMP	2
21	18110	LH LOWER AUGER	1
22	18140	TROUGH FOR 2200 DA	1
23	18628	BLOCK MOUNT	1

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



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	8
4	04795	BOLT .50NC X 1.00 GR5 HEX	8
5	16509	TROUGH DOOR	6
6	16510	DOOR COVER	6
7	16571	DOOR BUSHING	4
8	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	2
9	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	1
10	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	3
11	16962	DOOR DRIVE CHANNEL (2200)	2
-	17038	DOOR DRIVE CHANNEL (1700)	-
12	16963	DOOR DRIVE CONNECTOR (2200)	1
-	17040	DOOR DRIVE CONNECTOR (1700)	-
13	16964	DOOR HANDLE	1
14	16965	DOOR HANDLE CHANNEL (2200)	1
-	17039	DOOR HANDLE CHANNEL (1700)	-

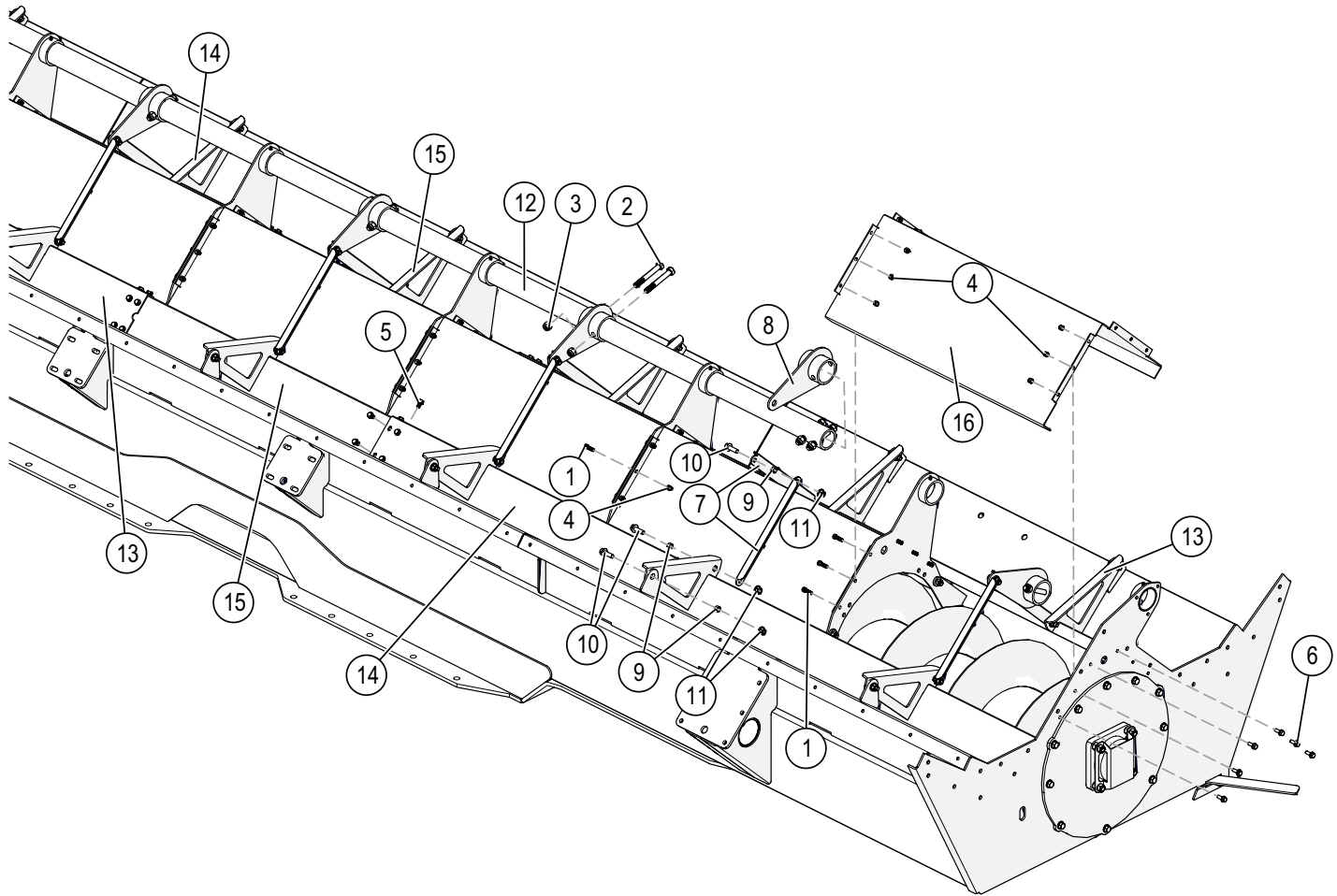
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ID	ITEM NO	DESCRIPTION	QTY
1	00291	.625NC HEX NUT	4
2	00789	SET SCREW .375NC X .375 SOCKET HEAD	1
3	00967	BOLT .50NC X 1.25 GR5 HEX	1
4	01254	BOLT .50NC X 1.50 GR5 HEX	14
5	02178	NUT, .50NC LOCK, NY. INSERT	15
6	02587	NUT, .625 NC NYLON LOCK	8
7	02696	BOLT .625NC X 2.75 GR5 HEX	4
8	03698	BOLT .625NC X 1.75 GR5 HEX	4
9	13411	BEARING 1.75" 4-BOLT FLANGE	1
10	15240	DRIVE BUSHING 1.75	1
11	16388	FRONT DRAG AUGER	1
12	16414	2.5" IPTCI BEARING	1
13	16470	BEARING MOUNT PLATE	1
14	16576-95	SUPPORT WASHER	28
15	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	12
16	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	2
17	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	14
18	16604	KEY .375 X .375 X 1.50	1
19	16705	REAR DRAG AUGER (2200)	1
-	15937	REAR DRAG AUGER (1700)	-
20	16986	GREASE TUBE GUARD	1
21	17252	REAR ACCESS PLATE	1
22	17253-95	REAR AUGER SPINDLE	1
23	17254	BEARING COVER	1

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

Door Opener and Drag Auger Shields



ID	ITEM NO	DESCRIPTION	QTY
1	00523	BOLT .375NC X 1.25 GR5 HEX	36
2	02434	BOLT, .625NC X 4.50 HEX HEAD GR.5	14
3	02587	NUT, .625 NC NYLON LOCK	14
4	02592	NUT, .375NC NYLON LOCK	48
5	16258	BOLT .375NC X .75 GR5 HEX FLG	24
6	16259	BOLT .375NC X 1.00 GR5 HEX FLG	12
7	16520	LIFT ROD	14
8	16537	DOOR LEVER	7
9	16571	DOOR BUSHING	35
10	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	35
11	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	32
12	16945	DOOR DRIVE TUBE CENTER (2200)	1
-	17041	DOOR DRIVE TUBE CENTER (1700)	-
13	16973	FLOW DOOR 1 (FRONT LEFT - REAR RIGHT)	2
14	16974	FLOW DOOR 2 (FRONT RIGHT - REAR LEFT)	2
15	16975	FLOW DOOR CENTER (2200)	2
-	17021	FLOW DOOR CENTER (1700)	-
16	18034	AUGER COVER	7

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

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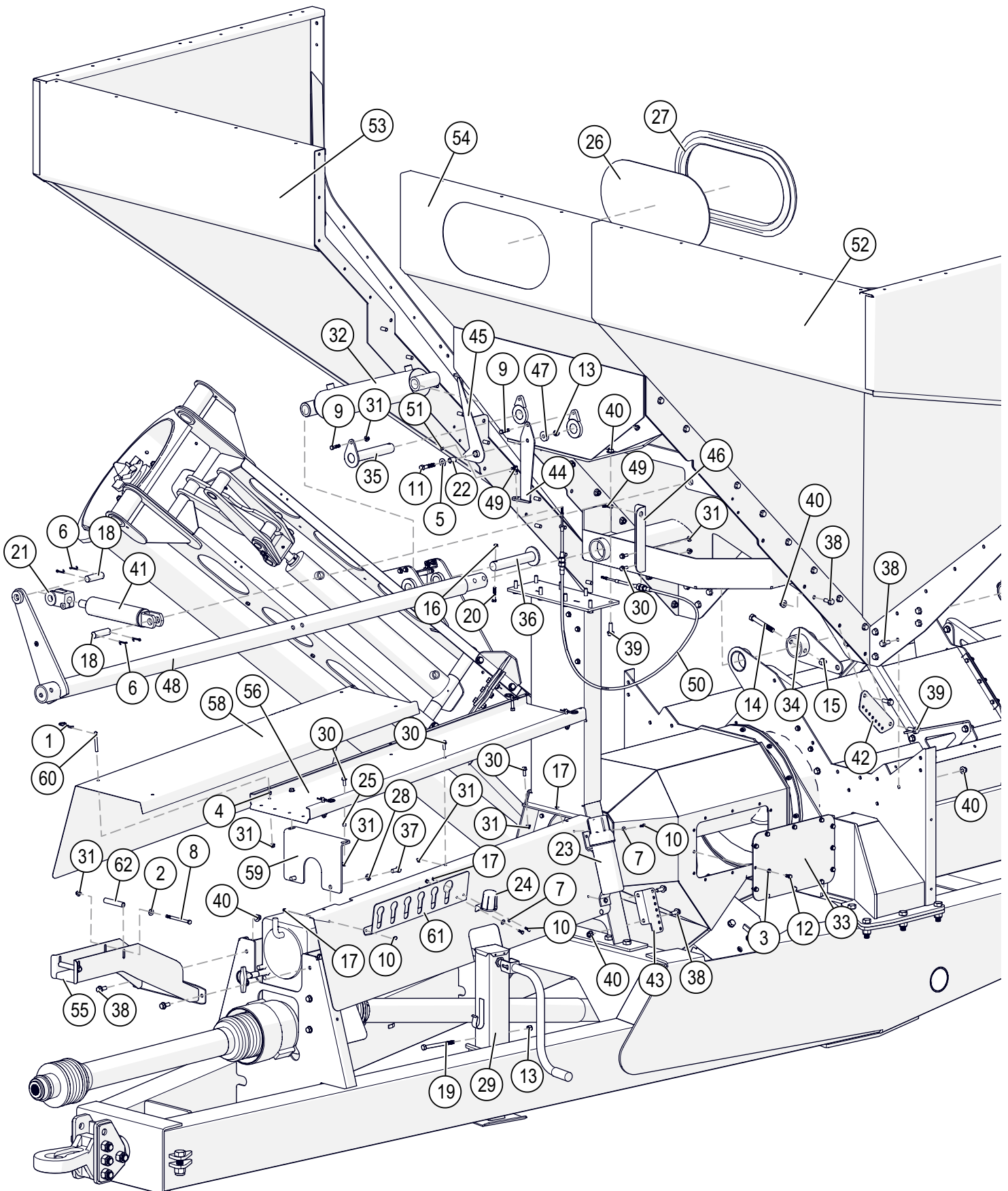
When ordering replacement parts please provide the Unit Color and Item Number

Front Pod and Accessories Assembly

ID	ITEM NO	DESCRIPTION	QTY
1	00006	HAIR PIN .148 WIRE X 3.06	4
2	00059	WASHER, FLAT .375	2
3	00060	.375 LOCKWASHER	12
4	00061	.375 HEX NUT	4
5	00085	.50 FLAT WASHER	1
6	00116	COTTER PIN, .156 X 1.50	4
7	00214	WASHER, FLAT, .25	4
8	00675	BOLT .375NC X 5.00 GR5 HEX HEAD	2
9	00914	BOLT .375NC X 1.50 GR5 HEX	2
10	01076	BOLT .25NC X .75 GR5 HEX	6
11	01264	BOLT .50NC X 2.50 GR5 HEX	1
12	01899	BOLT .375NC X .75 GR5 HEX	12
13	02178	NUT, .50NC LOCK, NY. INSERT	3
14	02434	BOLT, .625NC X 4.50 HEX HEAD GR.5	2
15	02587	NUT, .625 NC NYLON LOCK	2
16	02592	NUT, .375NC NYLON LOCK	1
17	02772	NUT, .25NC LOCK NYLON INSERT	6
18	03738-95	CYLINDER PIN	2
19	04053	BOLT .50NC X 5.50 GR5 HEX	2
20	04226	BOLT .375NC X 2.00 GR5 HEX	1
21	09741	CYLINDER CLEVIS	1
22	09904	SLEEVE	1
23	10241	CANISTER	1
24	10277	ELECTRICAL PLUG HOLDER	1
25	13668	BUSHING F/COMMANDER ADAPTORS	2
26	14361	WINDOW GRAVITY FLOW BOX	1
27	14362	WINDOW GASKET SEAL	1
28	15841	WASHER, SPRING LOCK, 14MM	2
29	16243	AG JACK, WELDED	1
30	16259	BOLT .375NC X 1.00 GR5 HEX FLG	6
31	16260	NUT, .375NC NY	14
32	16405	CYLINDER 4" X 12" STROKE	1
33	16475	ACCESS DOOR	1

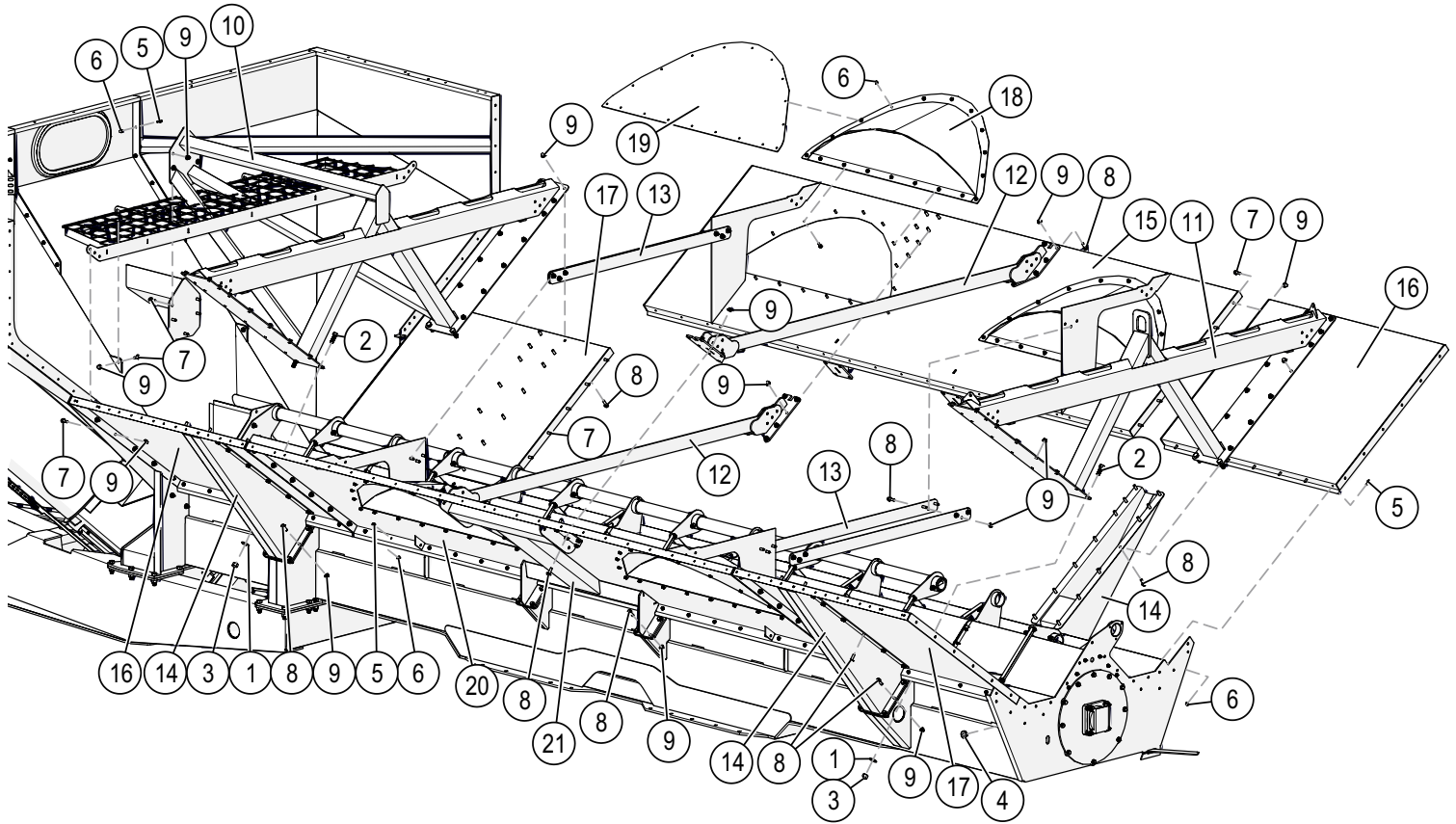
ID	ITEM NO	DESCRIPTION	QTY
34	16537	DOOR LEVER	1
35	16542-95	CYL PIN	1
36	16544-95	PIN, CYL	1
37	16575	BOLT 14MM-2.0 X 30MM GR8.8	2
38	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	47
39	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	10
40	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	55
41	16757	HYD. CYLINDER 2.5" X 8.00" STROKE	1
-	5584	KIT SEAL REPAIR	-
42	16966	GREASE PLATE	1
43	17079	GREASE HOSE MOUNT	1
44	18067	DOOR POINTER BRACKET	1
45	18068	DOOR POINTER	1
46	18097	CABLE BRACKET	1
47	18098-95	POINTER BRACKET WASHER	1
48	18104	DOOR DRIVE END W/ INSERT	1
49	18105	BALL JOINT LINKAGE	2
50	18106	PUSH/PULL CONTROL CABLE	1
51	18107	NUT, .25NF LOCK NYLON INSERT	1
52	18144	FRONT LEFT REAR RIGHT TANK	1
53	18145	FRONT RIGHT REAR LEFT TANK	1
54	18147	FRONT CENTER TANK (FF)	1
55	18582	HOSE CRADLE	1
56	18583	TROUGH ASSEMBLY	1
57	18584	LEFT COVER PANEL	1
58	18585	RIGHT COVER PANEL	1
59	18586	TRAY MOUNT	1
60	18587-95	HOOD PIN	4
61	18588	10 HOSE ORGANIZER	1
62	18627-95	SPACER BUSHING	2

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



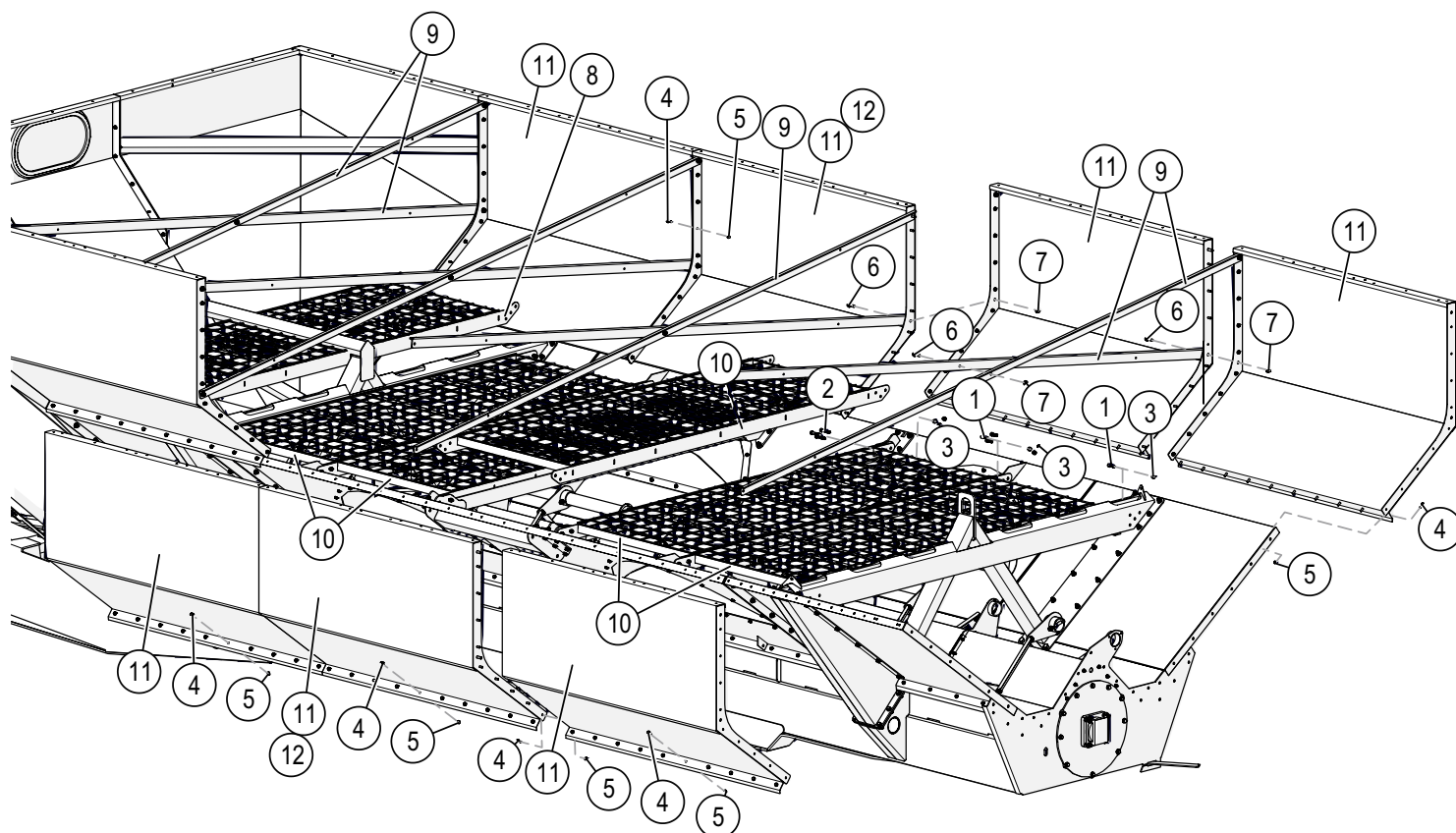
When ordering replacement parts please provide the Unit Color and Item Number

Lower Panels and Mesh Supports



ID	ITEM NO	DESCRIPTION	QTY
1	00492	WASHER, FLAT, .75	7
2	01235	BOLT .75NC X 2.00 GR5 HEX	8
3	02961	NUT, .75NC LOCK NYLON INSERT	7
4	03826	GROMMET 1.438 OD X .75 ID X .25 THICK	2
5	16259	BOLT .375NC X 1.00 GR5 HEX FLG	150
6	16260	NUT, .375NC NYLON LOCK FLG	150
7	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	43
8	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	136
9	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	179
10	16941	INSIDE FRONT BRACE	1
11	16942	INSIDE REAR BRACE	1
12	16944	CENTER CROSS BRACE	2
13	16947	CROSS BRACE	4
14	16976	SIDE SUPPORT	4
15	17009	TANK FENDER PANEL RIGHT (2200)	1
-	17029	RIGHT FENDER PANEL (1700)	-
16	17010	TANK SIDE PANEL FRONT LH (2200)	2
-	17025	LEFT SLOPE PANEL (1700)	-
17	17011	TANK SIDE PANEL FRONT RH (2200)	2
-	17026	RIGHT SLOPE SHEET (1700)	-
18	17372	2200 FENDER ASSY	4
-	17371	FENDER ASSY (1700)	-
19	17374	FENDER COVER (2200 TRACK)	4
-	17373	FENDER FILLER PLATE (1700 TRACK)	-
20	18149	TANK FENDER PANEL LEFT (2200)	1
-	17028	LEFT FENDER PANEL (1700)	-
21	16977	SIDE SUPPORT SMALL (1700 ONLY)	2

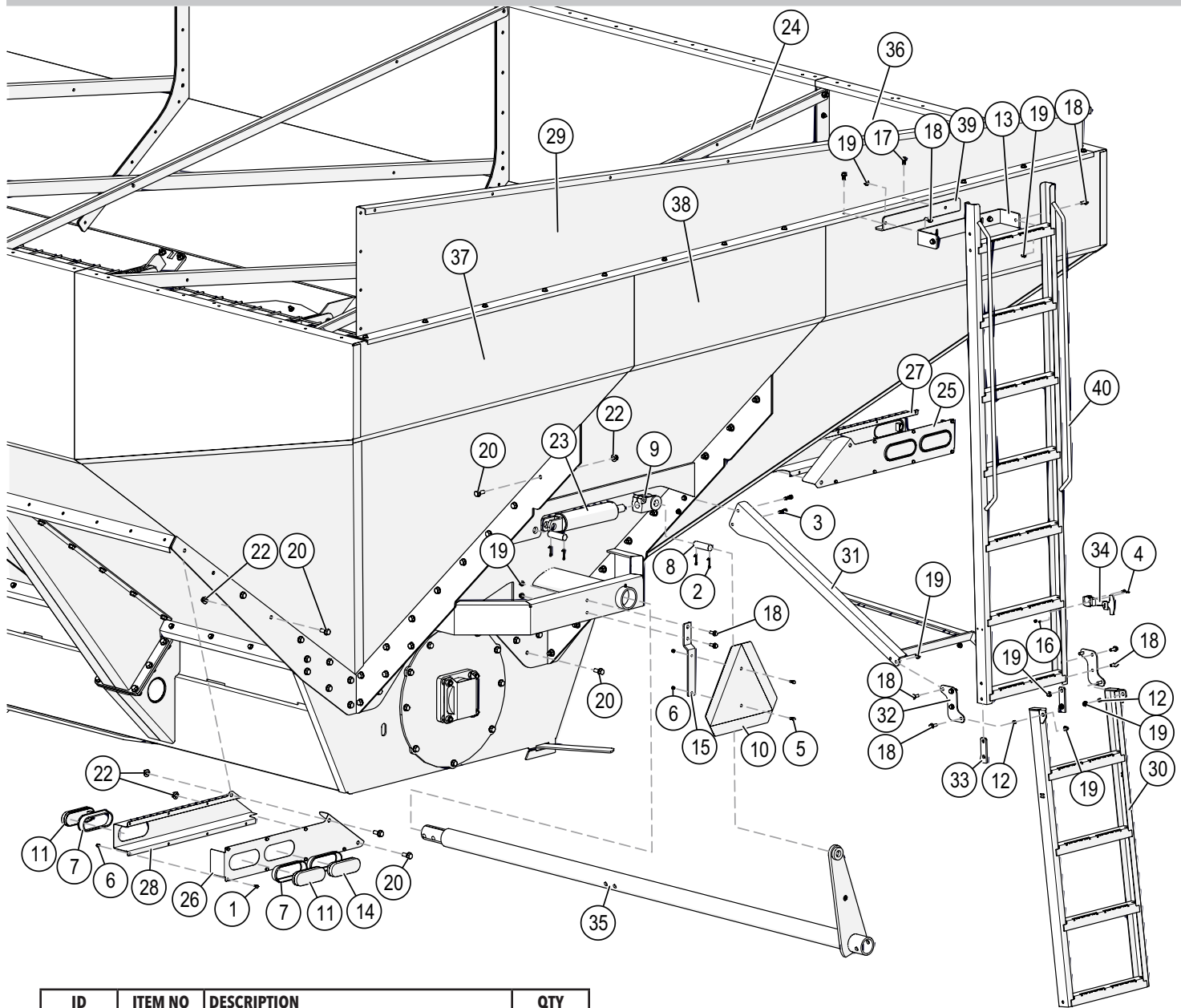
When ordering replacement parts please provide the Unit Color and Item Number



ID	ITEM NO	DESCRIPTION	QTY
1	01254	BOLT .50NC X 1.50 GR5 HEX	36
2	01264	BOLT .50NC X 2.50 GR5 HEX	12
3	02178	NUT, .50NC LOCK, NY. INSERT	48
4	16259	BOLT .375NC X 1.00 GR5 HEX FLG	152
5	16260	NUT, .375NC NYLON LOCK FLG	148
6	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	20
7	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	20
8	16939	MESH PANEL	1 2
9	16950	REAR CROSS BRACE	8
10	17012	MESH PANEL 22 SERIES WHEELS	5 4
11	18143	SIDE PANEL ASSEMBLY	8 4
12	18142	SIDE CENTER PANEL ASSEMBLY (1700 ONLY)	2

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

Rear Pod and Accessories Assembly

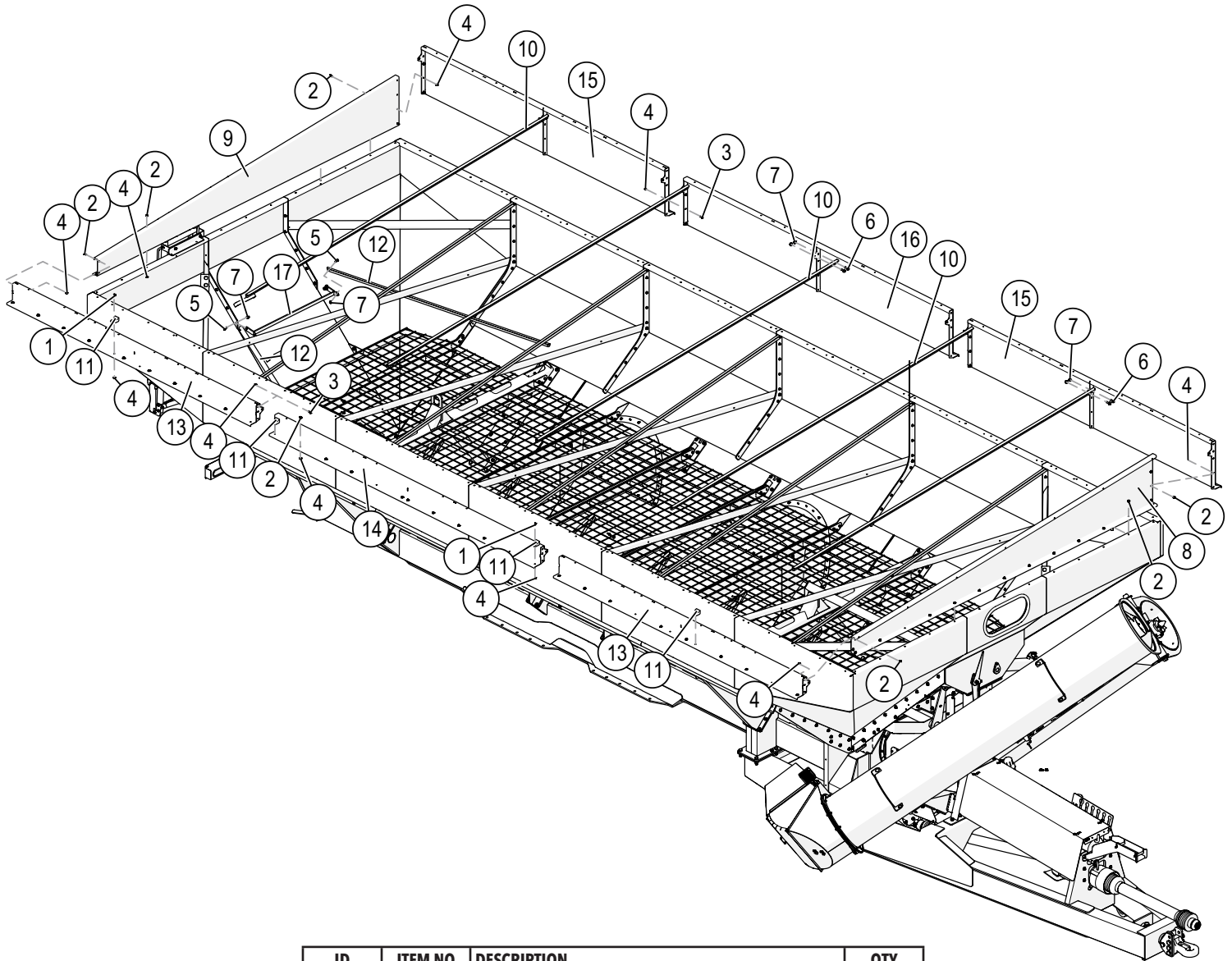


ID	ITEM NO	DESCRIPTION	QTY
1	00092	BOLT .25NC X .50 GR5 HEX	14
2	00116	COTTER PIN, .156 X 1.50	4
3	00523	BOLT .375NC X 1.25 GR5 HEX	2
4	00562	SLOOTED PAN SCREW #8-32 X .50	4
5	01076	BOLT .25NC X .75 GR5 HEX	2
6	02772	NUT, .25NC LOCK NYLON INSERT	16
7	03652	GROMMET RUBBER OVAL	6
8	03738	CYLINDER PIN	2
9	09741	CYLINDER CLEVIS	1
10	12126	SMV SIGN	1
11	12249	LIGHT, SEALED OVAL S/T/T LAMP	4
12	13668	BUSHING F/COMMANDER ADAPTORS	2
13	14922	UPPER LADDER BRACKET F/1252 GC	1
14	14923	LED LIGHT, SEALED RED LAMP	2
15	14952	SMV HOLDER	1
16	16056	NUT #8-32 NYLON INSERT	4
17	16258	BOLT .375NC X .75 GR5 HEX FLG	2
18	16259	BOLT .375NC X 1.00 GR5 HEX FLG	13
19	16260	NUT, .375NC NYLON LOCK FLG	16
20	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	56
21	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	1

ID	ITEM NO	DESCRIPTION	QTY
22	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	57
23	16757	HYD. CYLINDER 2.5" X 8.00" STROKE	1
24	16950	REAR CROSS BRACE	2
25	16955	RIGHT LIGHT MOUNT	1
26	16956	LEFT LIGHT MOUNT	1
27	16957	RIGHT LIGHT COVER	1
28	16958	LEFT LIGHT COVER	1
29	16960	REAR EXTENSION (2200)	1
-	17035	REAR EXTENSION (1700)	-
30	18031	DRAG AUGER GC LOWER LADDER	1
31	18032	LADDER BRACE	1
32	18039	LADDER MOUNT	2
33	18042	LADDER STOP	2
34	18088	WEATHER-RESISTANT DRAW LATCH	1
35	18104	DOOR DRIVE END W/ INSERT	1
36	18144	FRONT LEFT REAR RIGHT TANK	1
37	18145	FRONT RIGHT REAR LEFT TANK	1
38	18146	REAR CENTER TANK (FF)	1
39	18159	LADDER MOUNT	1
40	18160	DRAG AUGER GC UPPER LADDER	1

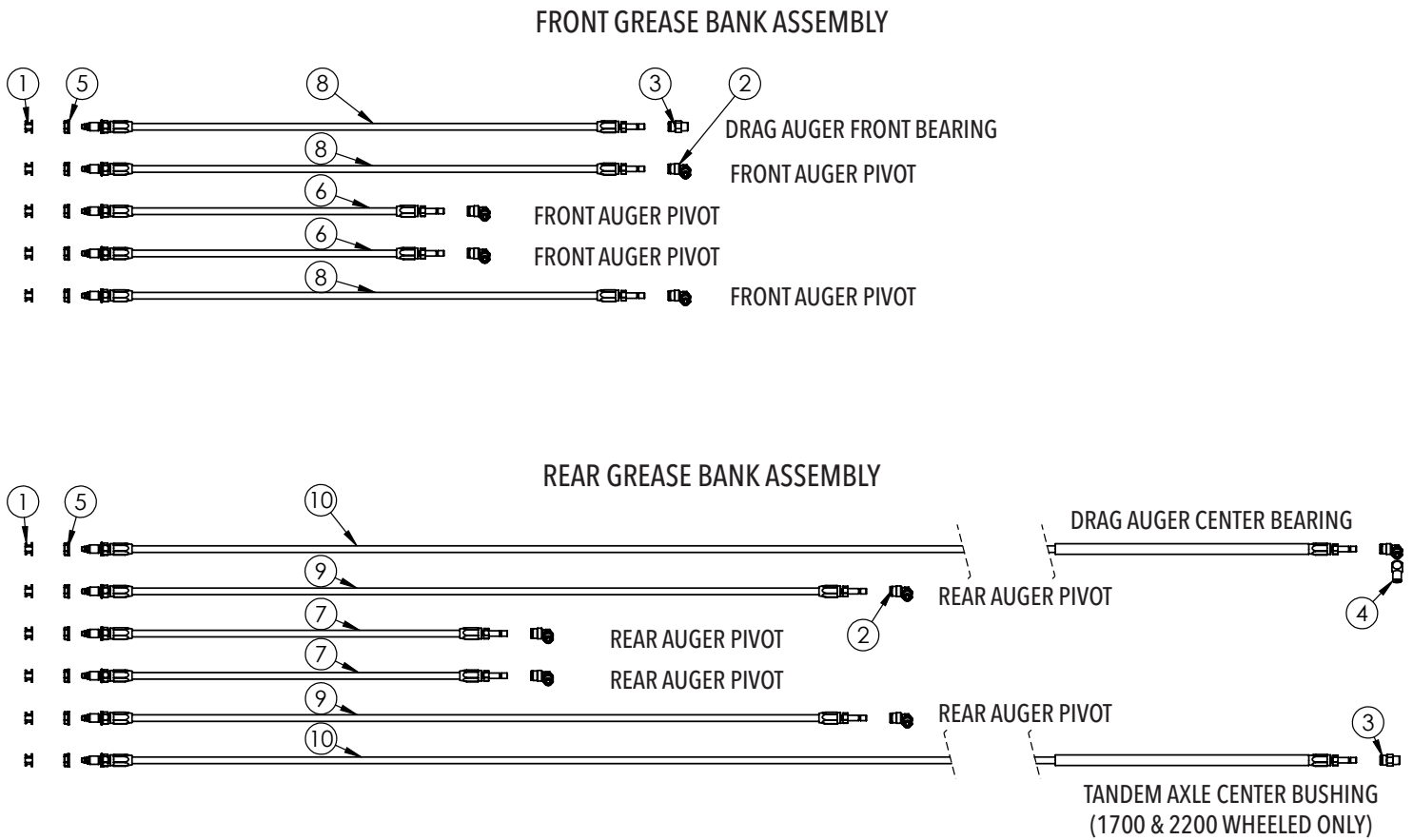
When ordering replacement parts please provide the Unit Color and Item Number

Extension Panels and Braces



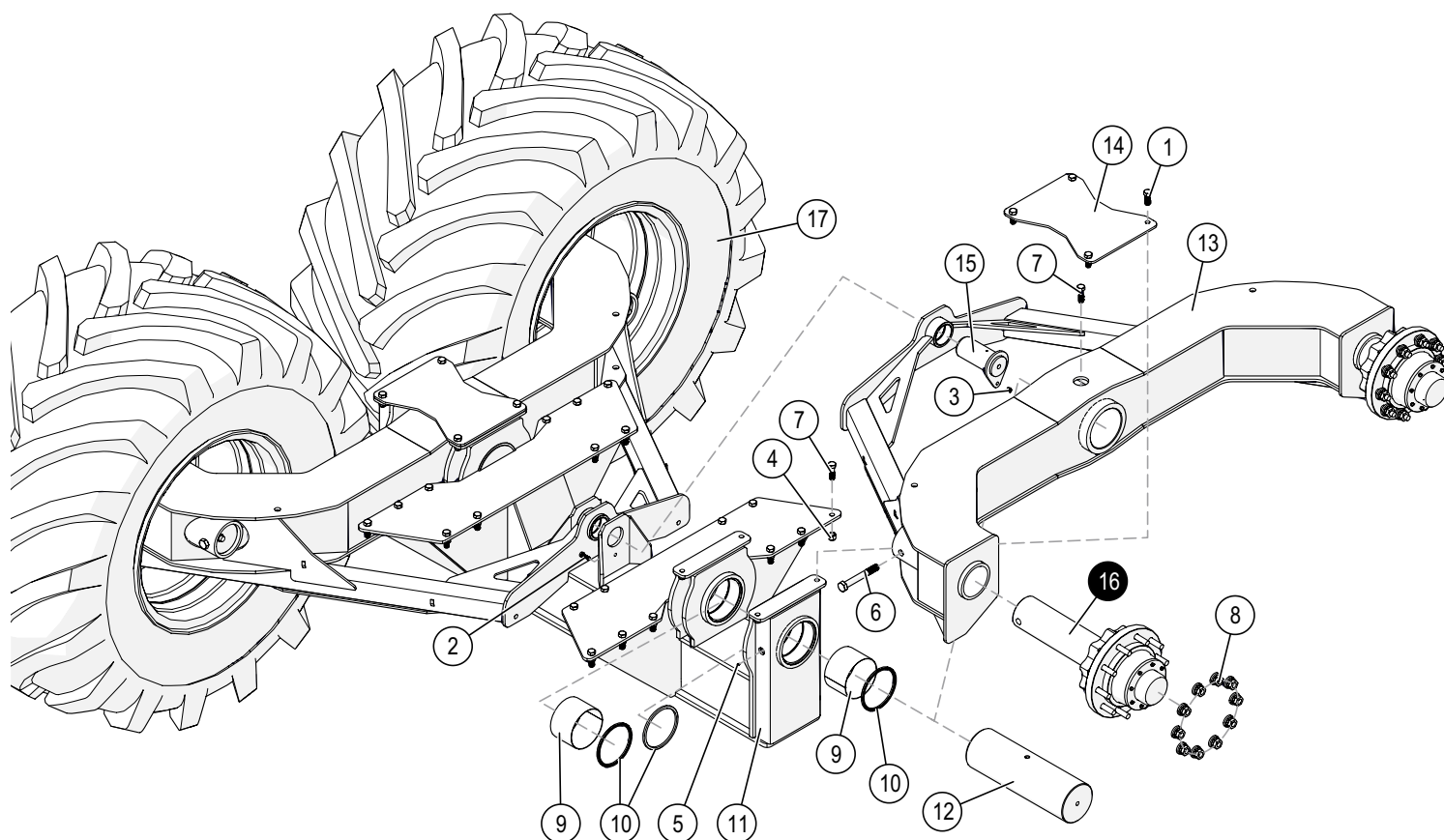
ID	ITEM NO	DESCRIPTION	QTY
1	03170	BOLT .375NC X 1.25 SLOTTED TRUSS HEAD	4
2	16258	BOLT .375NC X .75 GR5 HEX FLG	102
3	16259	BOLT .375NC X 1.00 GR5 HEX FLG	12
4	16260	NUT, .375NC NYLON LOCK FLG	118
5	16588	BOLT .50NC X 1.25 GR5 HEX FLANGE	6
6	16589	BOLT .50NC X 1.50 GR5 HEX FLANGE	20
7	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	26
8	16959	FRONT EXTENSION (2200)	1
-	17034	FRONT EXTENSION (1700)	-
9	16960	REAR EXTENSION (2200)	1
-	17035	REAR EXTENSION (1700)	-
10	16961	EXTENSION BRACE	5
11	16968	TARP WEDGE (2200)	4
12	16969	REAR CORNER BRACE	2
13	16988	RH EXTENSION (2200)	2
14	16989	RH EXTENSION CENTER (2200)	1
15	16990	LH EXTENSION (2200)	2
-	17033	LH EXTENSION (1700)	2
16	16991	LH EXTENSION CENTER (2200)	1
17	16992	REAR BRACE MOUNT	1

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



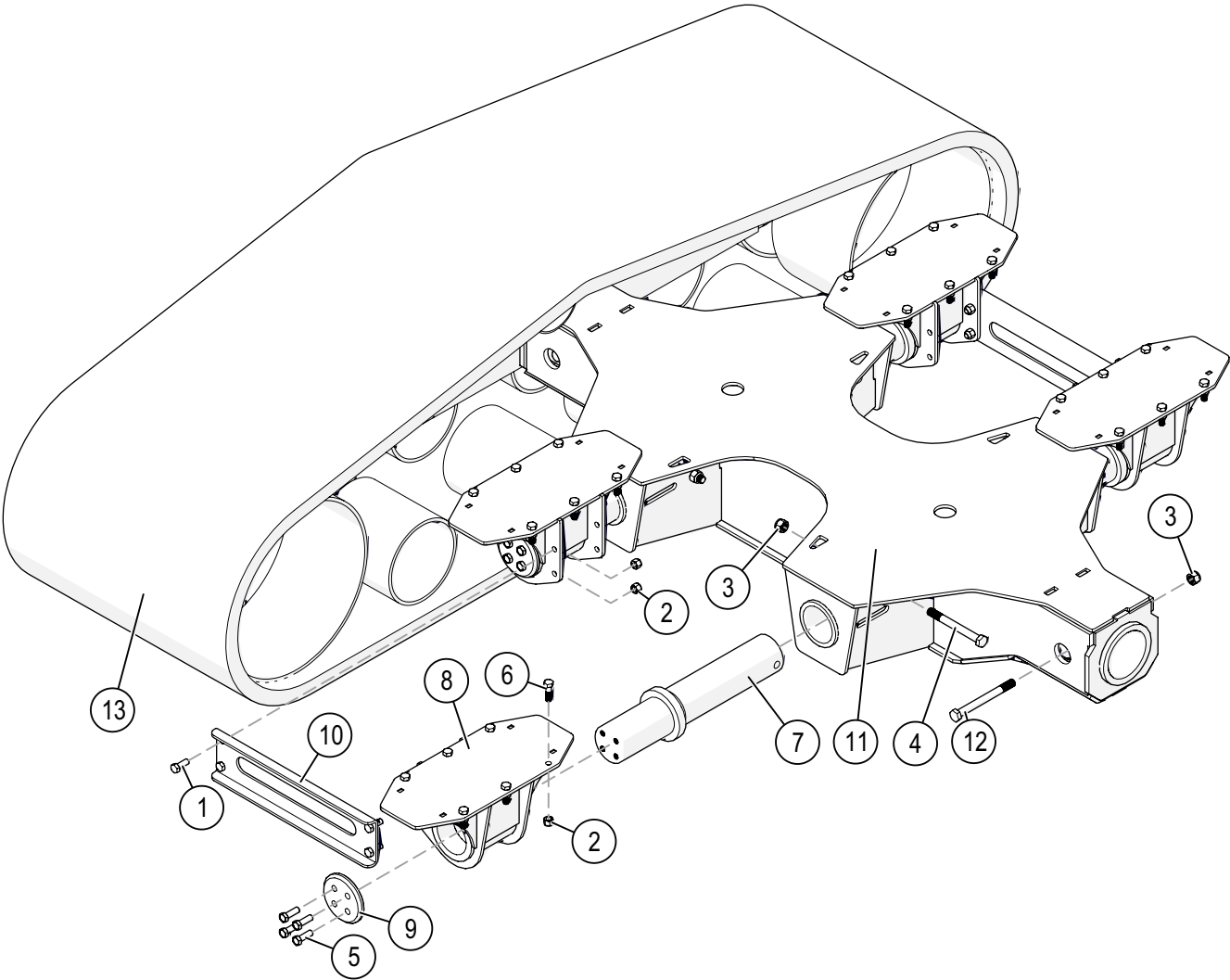
ID	Item No	Description	Qty
1	16995	ZERK CAP PLASTIC	10
2	16996	SWIVEL PUSH TO CONNECT FTG .25 X .125 NPT	9
3	16997	STR PUSH TO CONNECT FTG .25 X .125 NPT	2
4	16998	FTG ADAPTER 45° 1/8" NPT X 1/8" NPT	1
5	17020	FLANGE BULKHEAD NUT	10
6	17069	HOSE GREASE FILLED ASSEMBLY 14"	2
7	17070	HOSE GREASE FILLED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



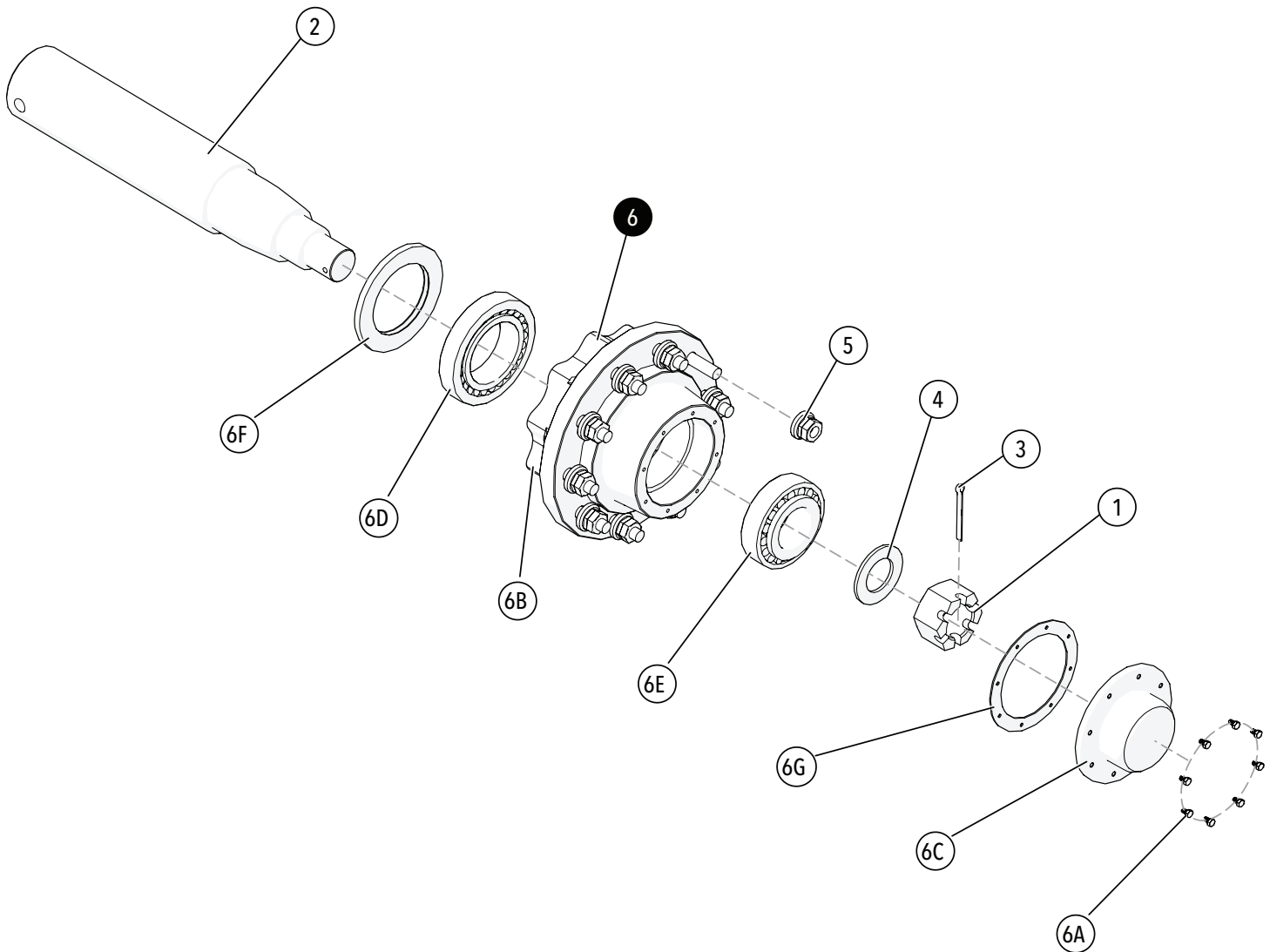
ID	Item No	Description	Qty
1	01235	BOLT .75NC X 2.00 GR5 HEX	8
2	01254	BOLT .50NC X 1.50 GR5 HEX	1
3	02178	NUT, .50NC LOCK, NY. INSERT	1
4	02961	.75NC NYLON INSERT LOCK NUT	28
5	04642	ZERK, GREASE, .25 UNF SF	4
6	13510	BOLT 1.0NF X 7.50 GR8 HEX	4
7	14700	BOLT .75NC X 2.50 GR8 HEX	22
8	15830	WHEEL NUT 22MM LOCKING	40
9	16837	BRONZE BUSHING	4
10	16838	7" ID WIPER SEAL	6
11	17015	TANDEM CROSS AXLE	1
12	17016	TANDEM AXLE PIVOT PIN	2
13	17017	TANDEM PIVOT	2
14	17018	TOP PLATE	2
15	17019	AXLE CENTER PIN	1
16	35753-30	50K HUB & SCALE SPINDLE, 2200 UNITS	4
-	35737-30	35K HUB & SCALE SPINDLE, 1700 UNITS	-
17	9445230-60	1050/50R32 WHEEL/TIRE (2200)	4
-	9445225-60	900/60R32 WHEEL/TIRE (1700)	-

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



ID	Item No	Description	Qty
1	01235	BOLT .75NC X 2.00 GR5 HEX	8
2	02961	.75NC NYLON INSERT LOCK NUT	32
3	09455	NUT, 1.0NF NYLON INSERT HEX	6
4	14029	BOLT 1.0NF X 9.50 GR8 HEX	4
5	14416	BOLT, 20MM-2.50 X 60MM GR10.9 HEX HEAD	16
6	14700	BOLT .75NC X 2.50 GR8 HEX	24
7	14823	TRACK AXLE WEIGHBAR	4
8	16982	AXLE MOUNT	4
9	16983	TRACK CAP	4
10	17082	CROSS BRACE	2
11	18197	TRACK AXLE 2024	1
12	18251	BOLT 1.0NF X 10.50 GR8 HEX	2
13	-	CARRIAGE KIT, 42" WITH PIVOT PIN (1700)	-
-	-	CARRIAGE KIT, 48" WITH PIVOT PIN (2200)	-

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

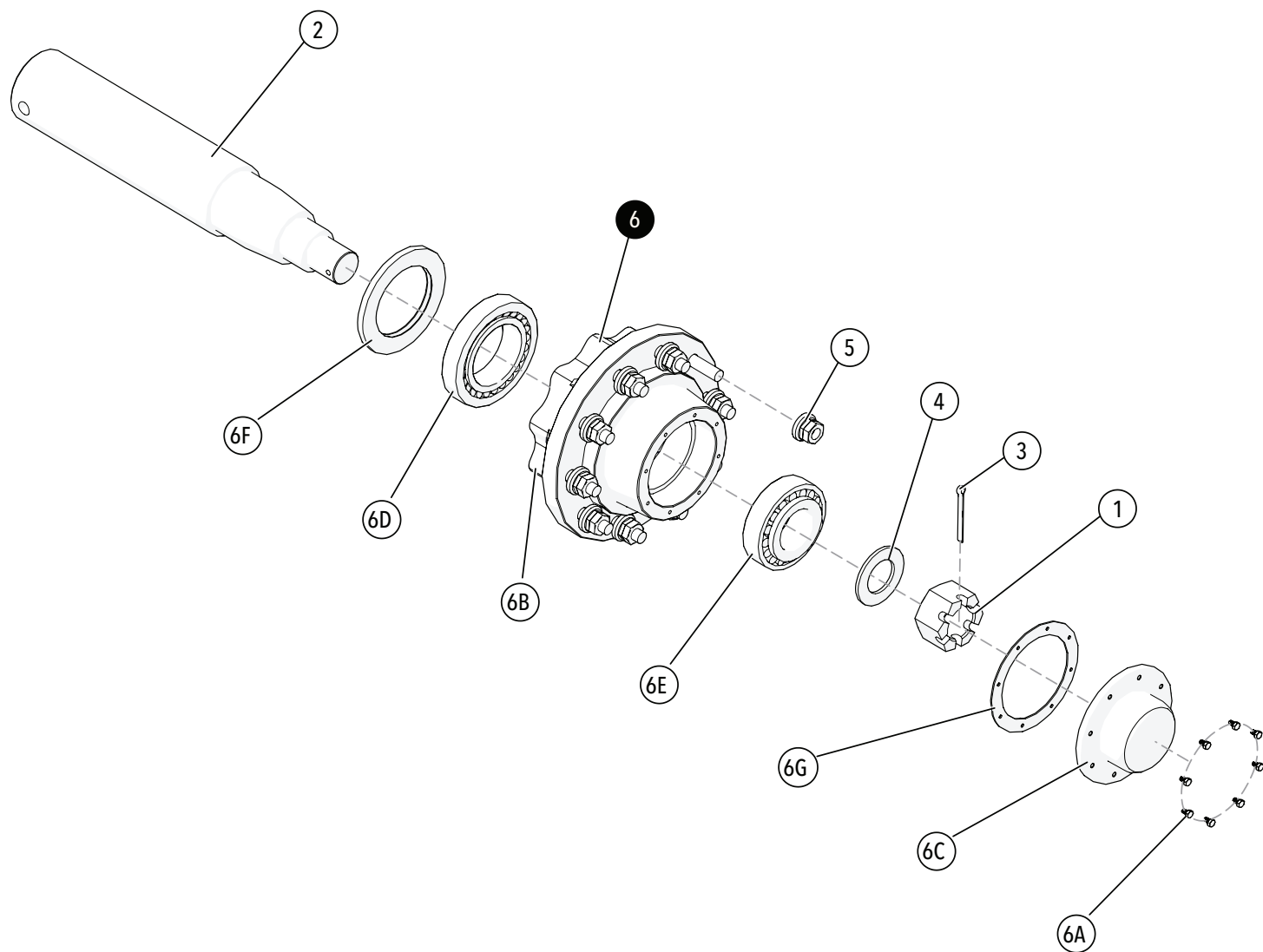


ID	Item No	Description	Qty
1	13899	NUT 2.50-12" SLOTTED HEX	1
2	13907	SPINDLE SCALE 5.50" 50K HUB	1
3	13911	.375" X 4.0" COTTER PIN	1
4	14017	WASHER 4.50 O.D. x 2.63 I.D. x .25	1
5	15830	WHEEL NUT 22MM LOCKING	10
6	5963	HUB 50K BRAKING 10 BOLT	1
6A	04305	BOLT, 5/16NC X .50 GR5 HEX	8
6B	13900	HUB 50K W/ CUPS & STUD BOLTS	1
6C	13901	HUB CAP F/ 35/50K HUB	1
6D	13902	BEARING CONE 795, TIMKEN	1
6E	13903	BEARING CONE 842 TIMKEN	1
6F	14016	SEAL OIL F/ 13900, P602328	1
6G	14025	GREASE SEAL F/ 13900	1
-	14026	STUD BOLT	-

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

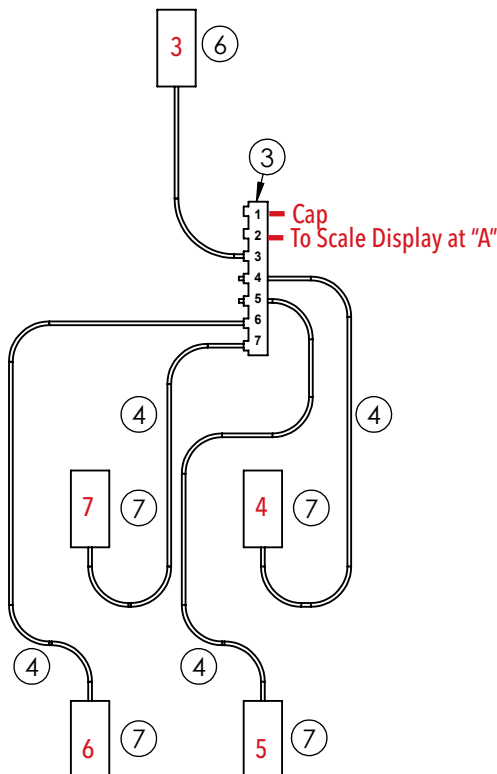
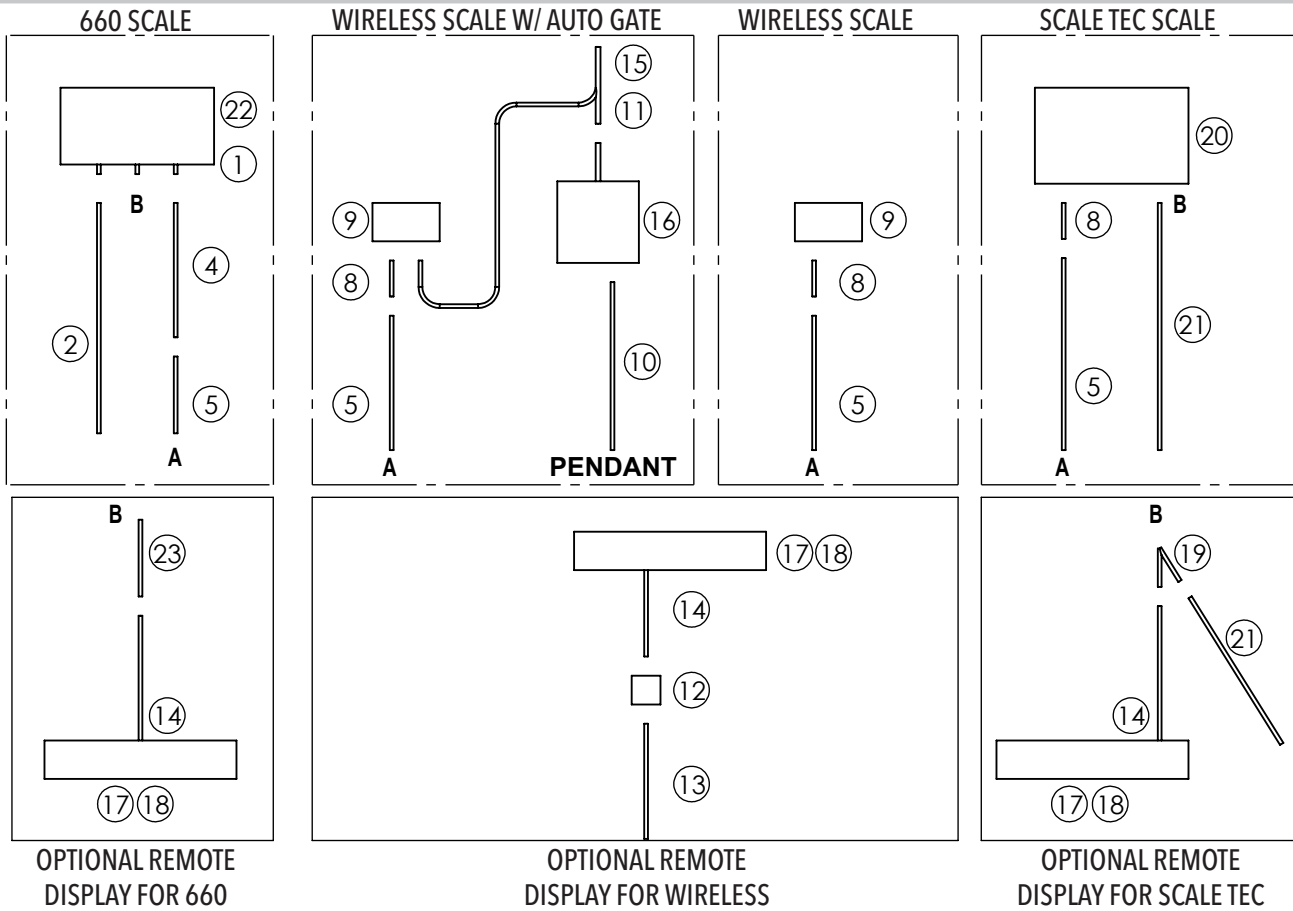
Tandem Axle Spindle, 10 Bolt 35K Hub

1700 Tandem, Scale



ID	Item No	Description	Qty
1	13899	NUT 2.50-12" SLOTTED HEX	1
2	14501	SPINDLE 5.50" 35K 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	6053	HUB 35K BRAKING 10 BOLT	1
6A	04305	BOLT, 5/16NC X .50 GR5 HEX	8
6B	14495	HUB 35K W/ CUPS & STUD BOLTS	1
6C	13901	HUB CAP F/ 35/50K HUB	1
6D	14492	BEARING CONE 71455, TIMKEN	1
6E	14493	BEARING CONE 663, TIMKEN	1
6F	14494	SEAL OIL F/ 14495, P602299	1
6G	14025	GREASE SEAL F/ 13900	1

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

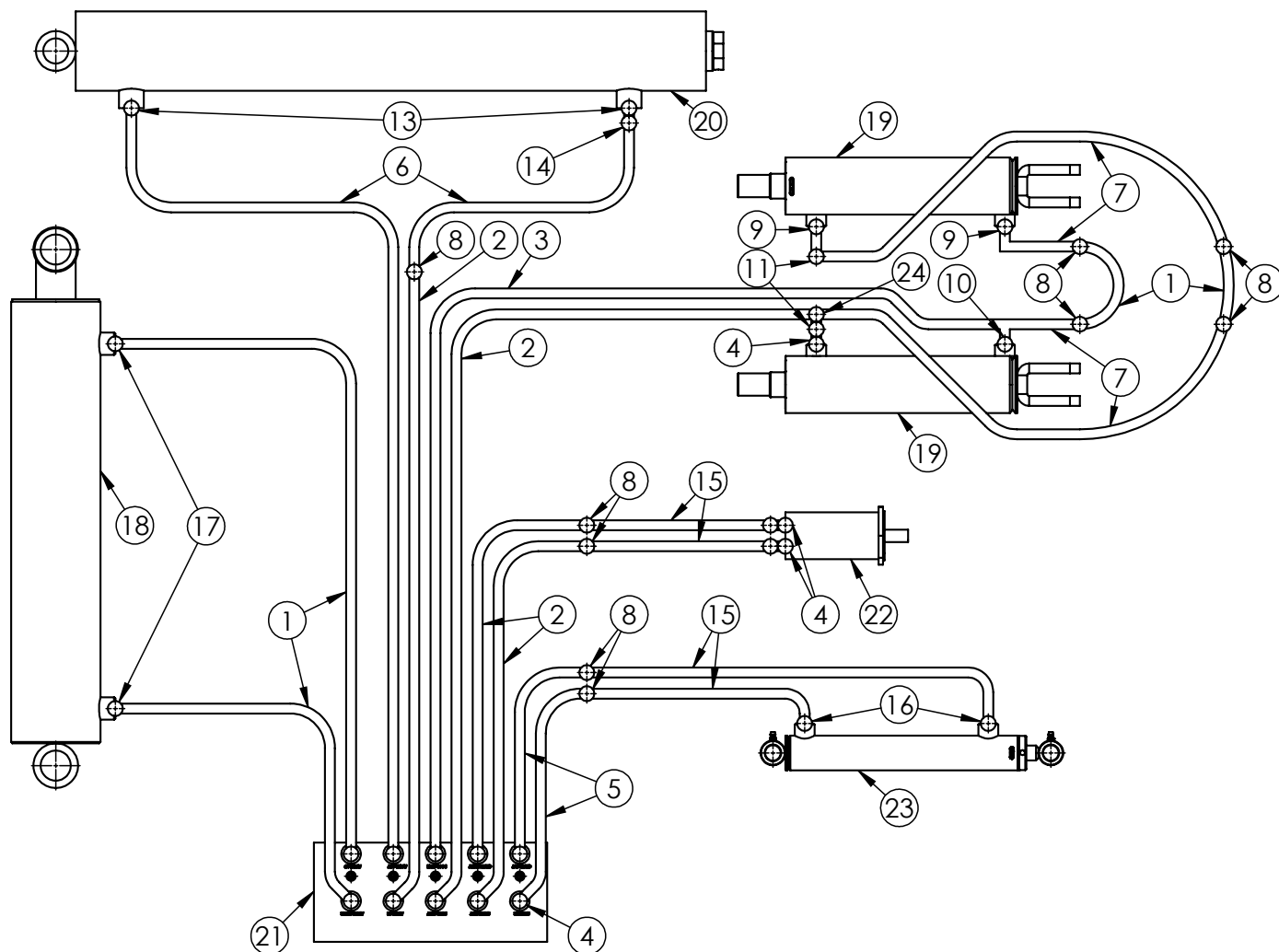


ID	Item No	Description	Qty
4	12264	HARNES 25 JUNCTION BOX TO CONSOLE	1
4	12264	HARNES 25 WEIGH BAR TO JUNCTION BOX WHEEL UNITS	4
5	13266	HARNES 15 JUNCTION BOX TO CONSOLE	1
6	13983	WEIGHBAR 3.75 X 15.75 W/ CABLE	1
7	13907	SPINDLE SCALE 5.50" F/ 50K HUB NO CABLE	4
7	14501	SPINDLE SCALE 5.5" F/ 35K HUB NO CABLE	4
8	14823	WEIGHBAR FOR TRACK W/ CABLE	4
8	14992	CABLE F/ WIRELESS SCALE 5P TO AMP 3FT	1
9	15968	CONTROL BOX F/ WIRELESS SCALE W/ GATE CONTROL	1
-	15360	BATTERY AA 3.6V LITHIUM (REPLACEMENT)	1
10	18266	PENDANT CONTROL 10 FUNCTION WITH TRIGGER	1
11	18279	HARNES EXTENSION 10' 10 FUNCTION	1
12	18356	SERIAL LINK DATA INTERFACE MODULE	1
13	18358	SERIAL LINK POWER CABLE	1
14	18430	REMOTE DISPLAY 4" TALL	1
15	18475	HARNES F/ 10 FUNCTION PENDANT W/ LIMIT SWITCH	1
16	18476	AUTO GATE F/ 10 FUNCTION PENDANT	1
17	18478	REMOTE DISPLAY MOUNT (NOT SHOWN)	1
18	18479	DISPLAY MOUNT (NOT SHOWN)	1
19	18533	Y CABLE F/ SCALE TEC REMOTE DISPLAY	1
20	18559	SCALE TEC INDICATOR	1
21	18560	HARVEST MATE ISO 2.0 CABLE 30'	1
22	18951	MONITOR WEIGHTRONIX 660	1
23	18952	CABLE F/ 660 REMOTE DISPLAY	1

ID	Item No	Description	Qty
1	09440	660 SCALE BRACKET	1
2	09441	POWER CORD 8 FT	1
3	10941	JUNCTION BOX 7 PLUG	1

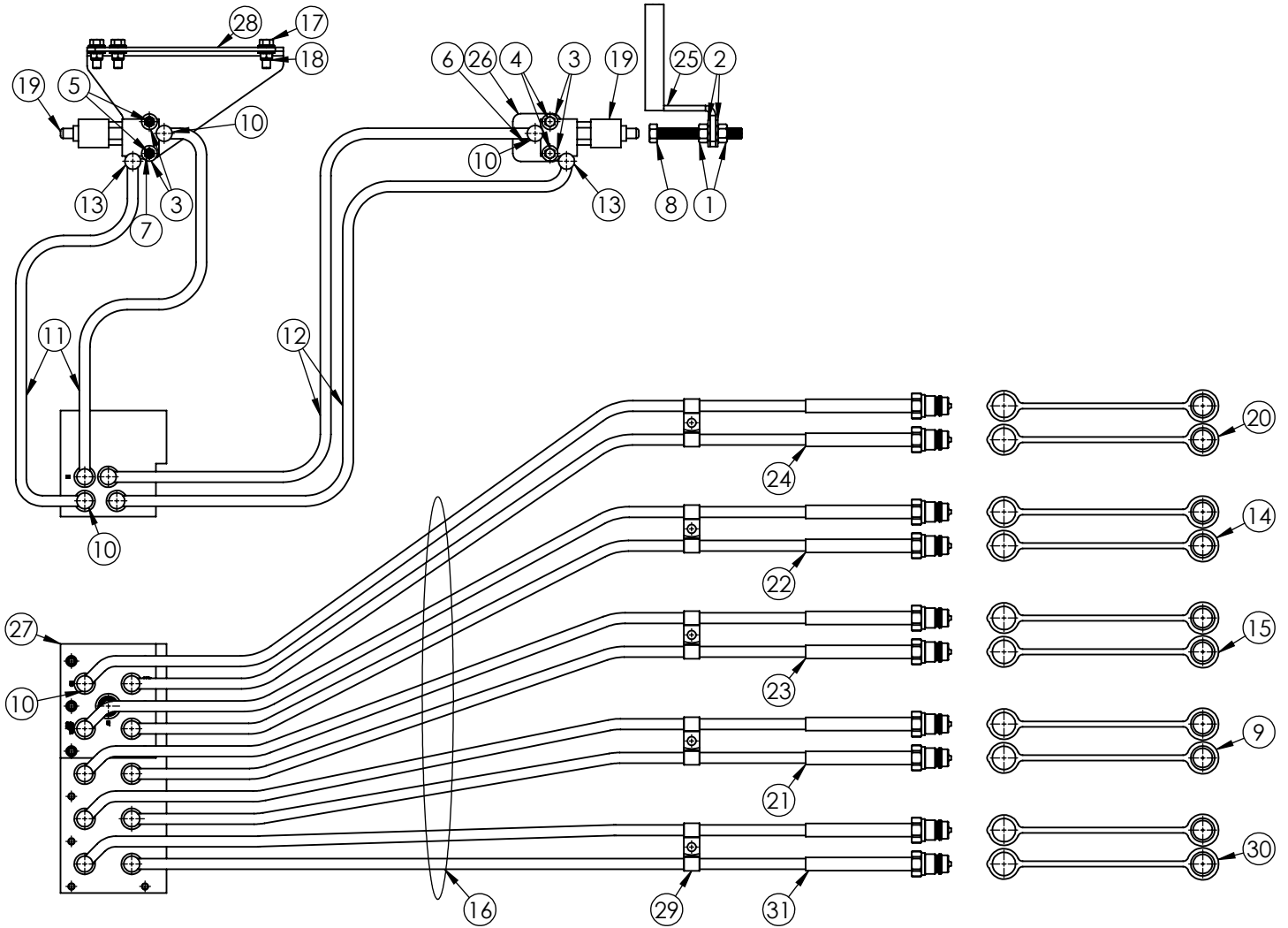
When ordering replacement parts please provide the Unit Color and Item Number

Cart Hydraulic Schematic



ID	Item No	Description	Qty	ID	Item No	Description	Qty
1	05190	HOSE HYD .25 X 48" OAL W/ #6 JIC FEMALE ENDS	4	14	13631	FTG HYD #6 JIC ORIFICE .060"	1
2	05191	HOSE HYD .25 X 36" OAL W/ #6 JIC FEMALE ENDS	4	15	13884	HOSE HYD .25 X 258" OAL W/ #6 FEMALE JIC BOTH ENDS	4
3	05212	HOSE HYD .25 X 18.50" OAL W/ #6 JIC FEMALE ENDS	1	16	13886	FTG HYD ELB 90° #6 MALE ORING X #6 JIC MALE W/ .041 ORIFICE	2
4	05243	FTG HYD STR #6 JIC MALE X #6 O-RING MALE (6400-06-06)	13	17	15158	FTG HYD ELBOW 90° #8 MALE O-RING X #6 MALE JIC (6801-06-08)	2
5	05839	HOSE HYD .25 X 142" OAL W/ #6 JIC FEMALE ENDS	2	18	16405	HYD CYLINDER 4.00" X 12.00" STROKE (HEIGHT)	1
6	07071	HOSE HYD .25 X 72" OAL W/ #6 JIC FEMALE ENDS	2	19	16757	HYD CYLINDER 2.50" X 8.00" STROKE (FLOW)	2
7	09171	HOSE HYD .25 X 192" OAL W/ #6 JIC FEMALE ENDS	4	-	5584	KIT SEAL REPAIR	-
-	07193	HOSE HYD .25 X 178" OAL W/ #6 JIC FEMALE ENDS (1100 ONLY)	4	20	17104	HYD CUSHION CYLINDER 3.50" X 24.00" (FOLDING)	1
8	09950	FTG HYD STR #6 JIC (2X) MALE UNION (2403-06-06)	9	21	18470	HYDRUALIC BLOCK IMPLEMENT HALF 10 FUNCTION	1
9	11143	FTG HYD ELBOW 90° #6 O-RING X #6 JIC MALE (6801-06-06)	2	-	12177	PARKER PO CHECK VALVE (REPLACEMENT)	-
10	12328	FTG HYD TEE #6 JIC MALE (2X) X #6 O-RING MALE (6803-06-06-06)	1	22	18528	HYDRAULIC MOTOR F/ SPOUT (SPOUT ROTATE)	1
11	12710	FTG HYD #6 JIC ORIFICE .031"	2	23	18596-30	HYDRAULIC CYLINDER 1.50" X 8 .75" (SPOUT TILT)	1
12	13255	FTG HYD #6 JIC ORIFICE .045"	2	24	18629	FTG HYD #6 JIC SWIVEL NUT BRANCH TEE	1
13	13442	FTG HYD ELBOW 90° #10 ORING X #6 JIC (6801-06-10)	2				

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

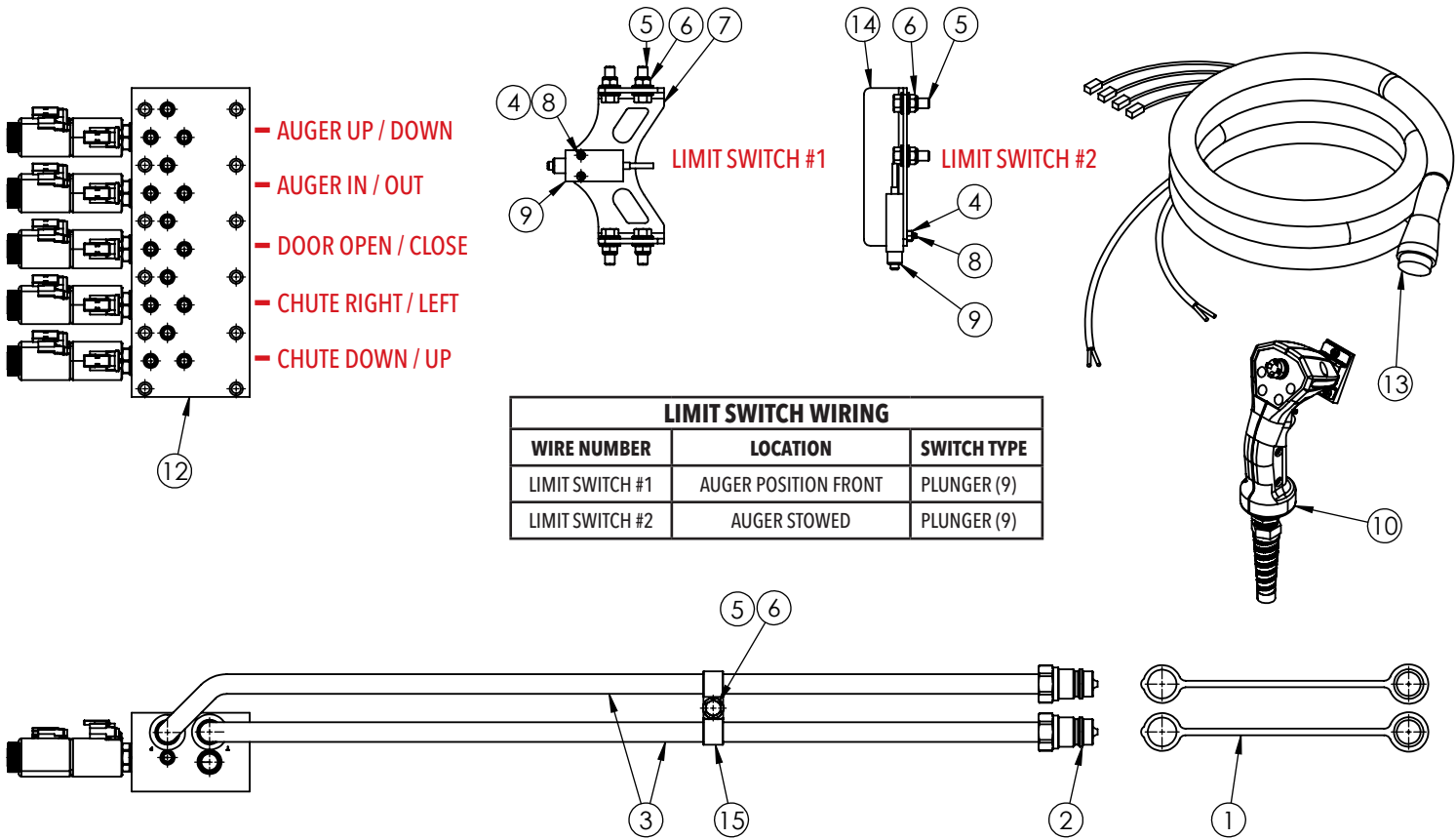


ID	Item No	Description	QTY
1	00083	NUT .50NC HEX	2
2	00085	WASHER FLAT .50"	2
3	00214	WASHER FLAT .25"	4
4	00684	BOLT .25NC X 1.25 GR5 HEX	2
5	00879	BOLT .25NC X 1.75 GR5 HEX	2
6	01899	BOLT .375NC X .75 GR5 HEX	2
7	02772	NUT .25NC LOCK NYLON INSERT	2
8	03714	BOLT .50NC X 4.00 FULLTHREAD	1
9	05198	COVER F/ QUICK COUPLER BLACK	2
10	05243	FTG HYD STR #6 JIC MALE X #6 O-RING MALE	16
11	05839	HOSE HYD .25 X 142" OAL	2
12	07071	HOSE HYD .25 X 72" OAL	2
13	11143	FTG HYD 90° #6 O-RING MALE X #6 JIC MALE	2
14	12677	COVER F/ QUICK COUPLER RED	2
15	12678	COVER F/ QUICK COUPLER YELLOW	2
16	13883	HYD .25 X 216 OAL W/ O-RING QUICK COUPLER	10
-	13888	QUICK COUPLER #8 O-RING (REPLACEMENT)	-
-	13889	O-RING #8 (REPLACEMENT)	-

ID	Item No	Description	QTY
17	16259	BOLT .375NC X 1.00 GR5 HEX FLG	3
18	16260	NUT .375NC NYLON LOCK FLG	3
19	17511	VALVE NCM 2 WAY MANUAL	2
20	17514	COVER F/ QUICK COUPLER BLUE	2
21	17515	TUBING HEAT SHRINK 1.00 DIA BLACK (SPOUT ROTATE)	2
22	17516	TUBING HEAT SHRINK 1.00 DIA RED (FOLDING)	2
23	17517	TUBING HEAT SHRINK 1.00 DIA YELLOW (FLOW)	2
24	17518	TUBING HEAT SHRINK 1.00 DIA BLUE (HEIGHT)	2
25	17519-30	CYLINDER STOP MOUNT	1
26	17521-72	VALVE MOUNT PLATE	1
27	18471	HYDRAULIC BLOCK TRACTOR HALF	1
-	18710	CHECK VALVE (REPLACEMENT)	-
-	18717	O-RING F/ HYDRAULIC BLOCK UNION (REPLACEMENT)	-
28	18589-30	VALVE BRACKET	1
29	18615	HOSE CLAMP F/ .25 HYD HOSE	10
30	18623	COVER F/ QUICK COUPLER GREEN	2
31	18624	TUBING HEAT SHRINK 1.00 DIA GREEN (SPOUT TILT)	2

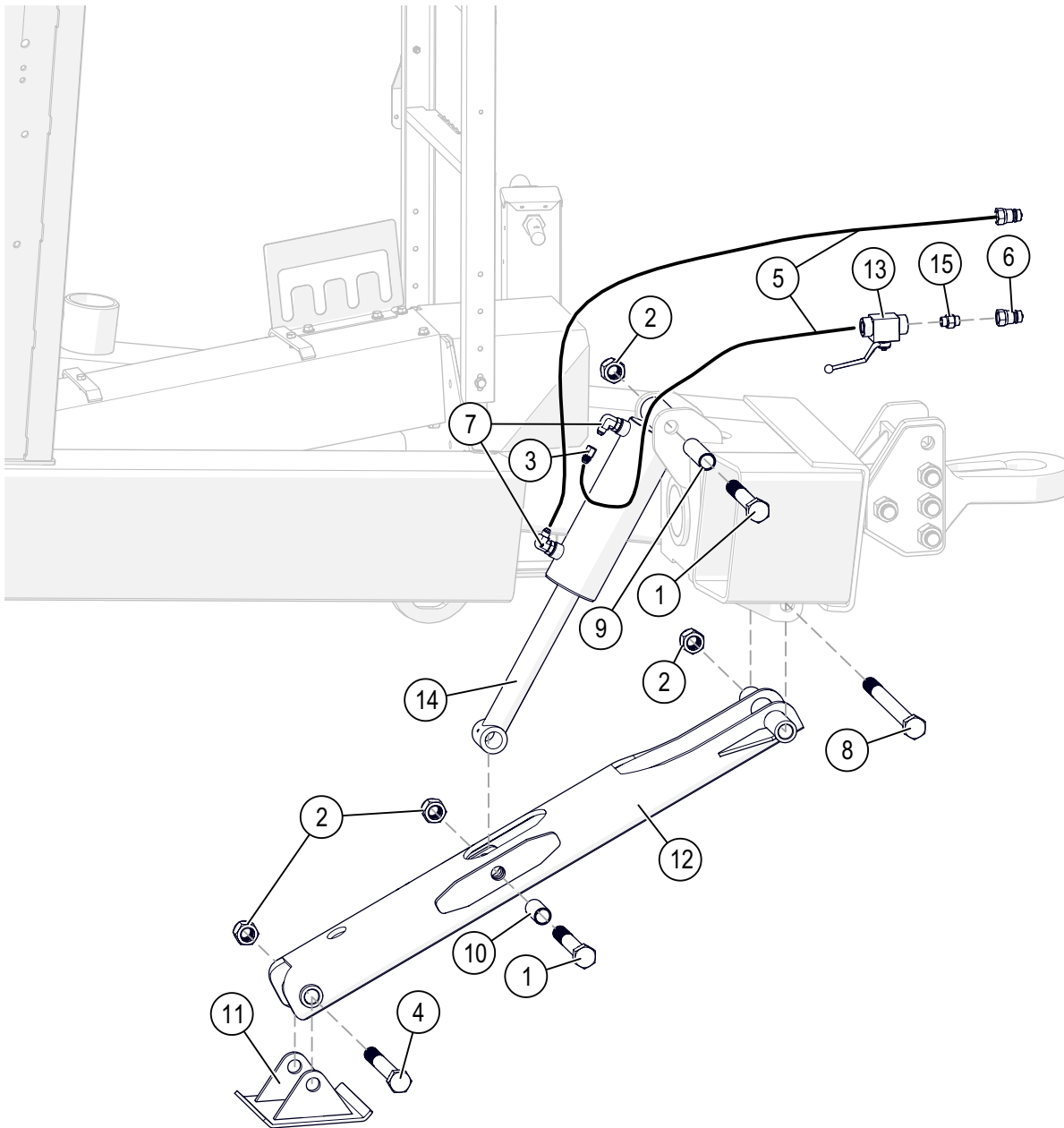
When ordering replacement parts please provide the Unit Color and Item Number

Hydraulic Pendant Schematic



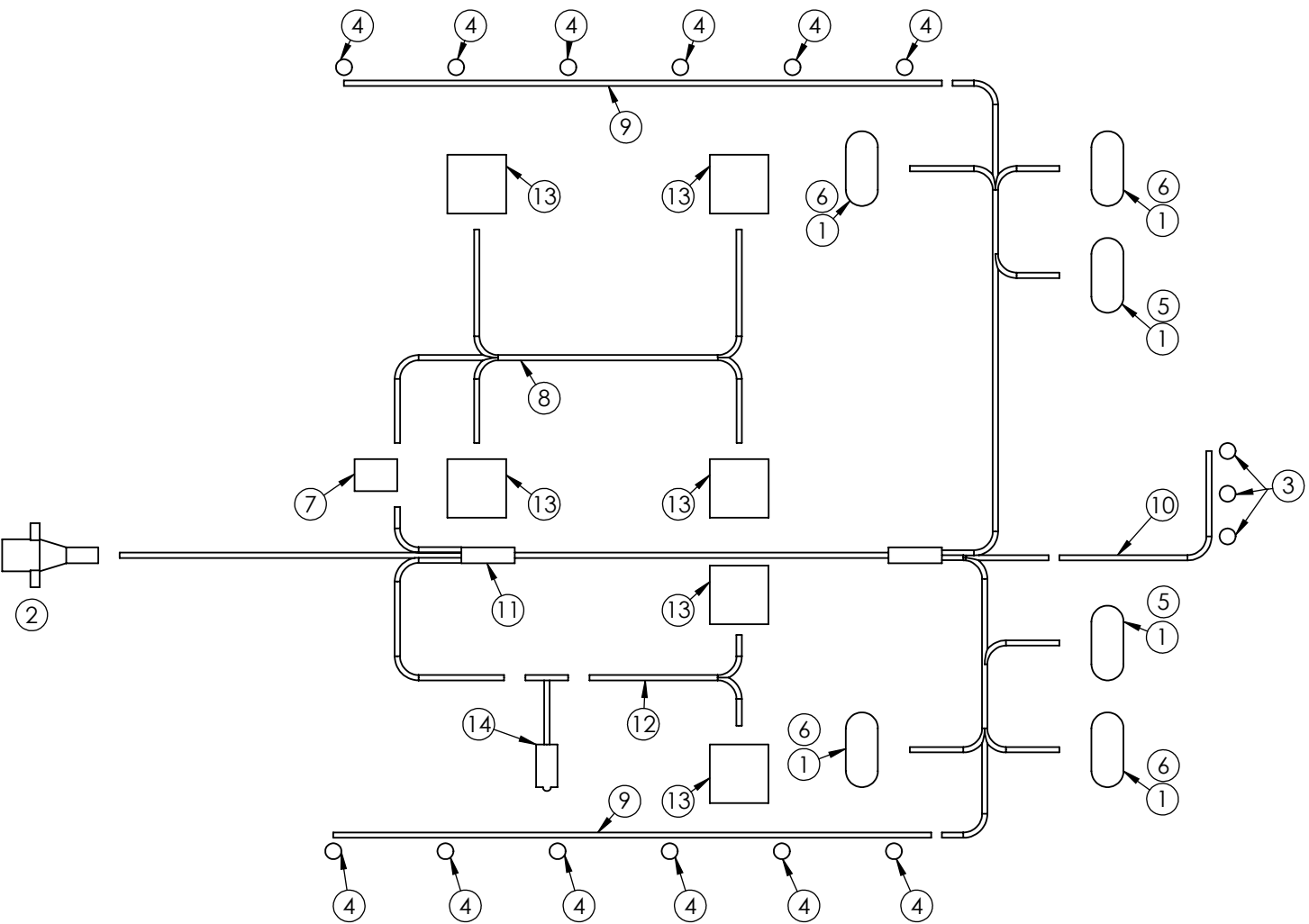
ID	Part No	Description	Qty
1	05198	COVER F/ QUICK COUPLER BLACK	2
2	13786	QUICK COUPLER #10 O-RING (REPLACEMENT)	2
3	13885	HYD .25 X 216 OAL W/ O-RING QUICK COUPLER	2
4	16056	NUT #8-32 LOCK NYLON INSERT	2
5	16259	BOLT .375NC X 1.00 GR5 HEX FLG	7
6	16260	NUT .375NC NYLON LOCK FLG	7
7	16565-30	MOUNT BRACKET LIMIT SWITCH	1
8	16585	SCREW #8-32 X 1.00 PHILLIPS PAN HEAD	4
9	16824	LIMIT SWITCH ASSEMBLY	4
10	18266	PENDANT CONTROL 10 FUNCTION	2
11	18279	HARNESS EXTENSION 10', 10 FUNCTION	1
12	18472	HYDRAULIC BLOCK, TRACTOR HALF ELECTRIC	1
-	18708	REXROTH COIL GZ37 (REPLACEMENT)	-
-	18710	REXROTH CHECK VALVE (REPLACEMENT)	-
-	18711	REXROTH SOLENOID CARTRIDGE (REPLACEMENT)	-
-	18717	O-RING F/ HYDRAULIC BLOCK UNION (REPLACEMENT)	-
13	18475	HARNESS F/ 10 FUNCTION PENDANT W/ LIMIT SWITCHES	1
14	18570-30	SWITCH MOUNT	1
15	18630	HOSE CLAMP F/ .50 HYD HOSE	2

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



ID	ITEM NO	DESCRIPTION	Qty
1	09454	BOLT 1.0NF X 6.50 GR8 HEX	2
2	09455	NUT, 1.0NF NYLON INSERT HEX	4
3	13255	.045" ORFICE	1
4	13510	BOLT 1.0NF X 7.50 GR8 HEX	1
5	13883	HOSE, HYD, .25 3000 PSI 216" OAL	2
6	13888	QUICK COUPLER #8 O-RING (REPLACEMENT)	-
7	15158	FTG HYD ELBOW #8 MALE O-RING X 6# MALE JIC	2
8	17014	BOLT 1.0NF X 12.00 GR8 HEX	1
9	18822-95	BUSHING	1
10	18823-95	BUSHING	1
11	18824	HYDRAULIC JACK FOOT	1
12	18825	JACK LINKAGE	1
13	18826	HYD BALL VALVE MANUAL #8 O-RING	1
14	18827	HYD CYLINDER 3.5" X 8.00" STROKE	1
15	18828	HYD FTG #8 MALE O-RING X #8 MALE O-RING UNION 6403-08-08	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)	3
4	12963	MARKER LIGHT YELLOW (OPTIONAL)	8 / 10 / 12
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	18532	HARNESS WORK LIGHT F/ DA GRAIN CART (OPTIONAL)	1
9	18544	HARNESS MARKER LIGHTS SIDE DA (OPTIONAL)	2
10	18545	HARNESS MARKER LIGHTS REAR DA (OPTIONAL)	1
11	18555	HARNESS WIRE F/ DA GC	1
12	18625	HARNESS WIRE SPOUT LIGHTS	1
13	18747	LIGHT WORK LED W/ WEATHER PACK PLUG	6
14	18748	LIGHT SWITCH ASSEMBLY W/ WEATHER PACK PLUG	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.

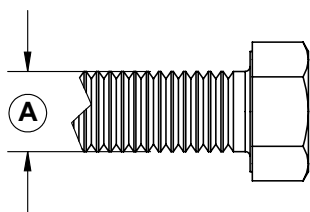
BOLT TORQUE DATA FOR STANDARD NUTS, BOLTS, AND CAPSCREWS.

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.

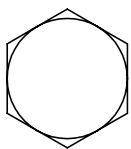
NOTE: Unless otherwise specified, high-strength Grade 5 hex bolts are used throughout assembly of equipment.

* 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)

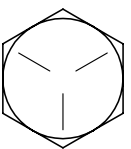
* BOLT TORQUE FOR METRIC BOLTS						
"A"	CLASS 8.8		CLASS 9.8		CLASS 10.9	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
6	9	(13)	10	(14)	13	(17)
7	15	(21)	18	(24)	21	(29)
8	23	(31)	25	(34)	31	(42)
10	45	(61)	50	(68)	61	(83)
12	78	(106)	88	(118)	106	(144)
14	125	(169)	140	(189)	170	(230)
16	194	(263)	216	(293)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



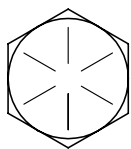
GRADE-2



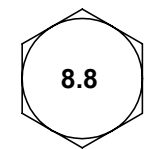
GRADE-5



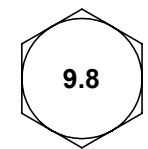
GRADE-8



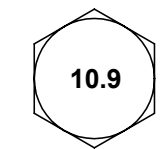
CLASS 8.8



CLASS 9.8



CLASS 10.9



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