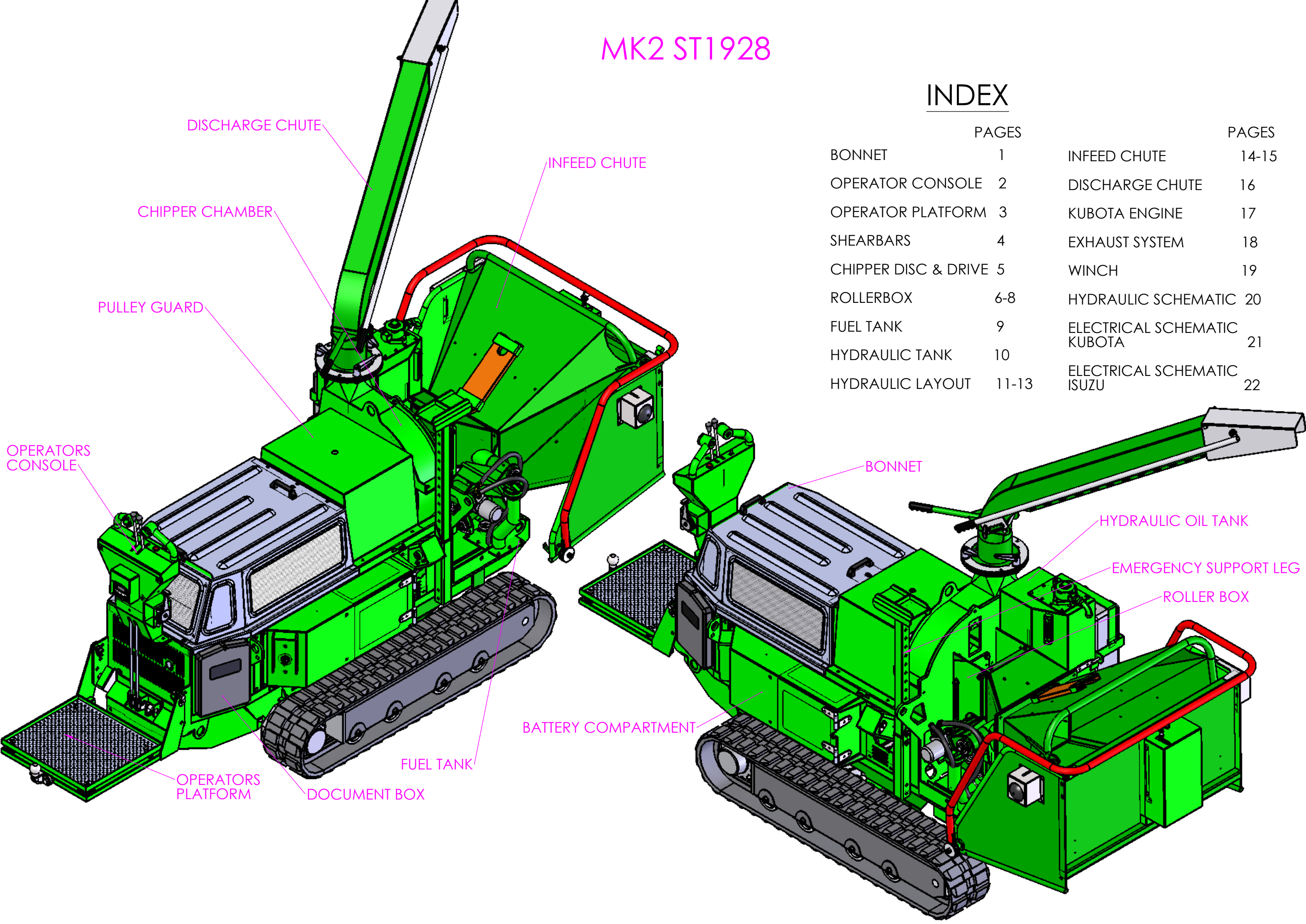
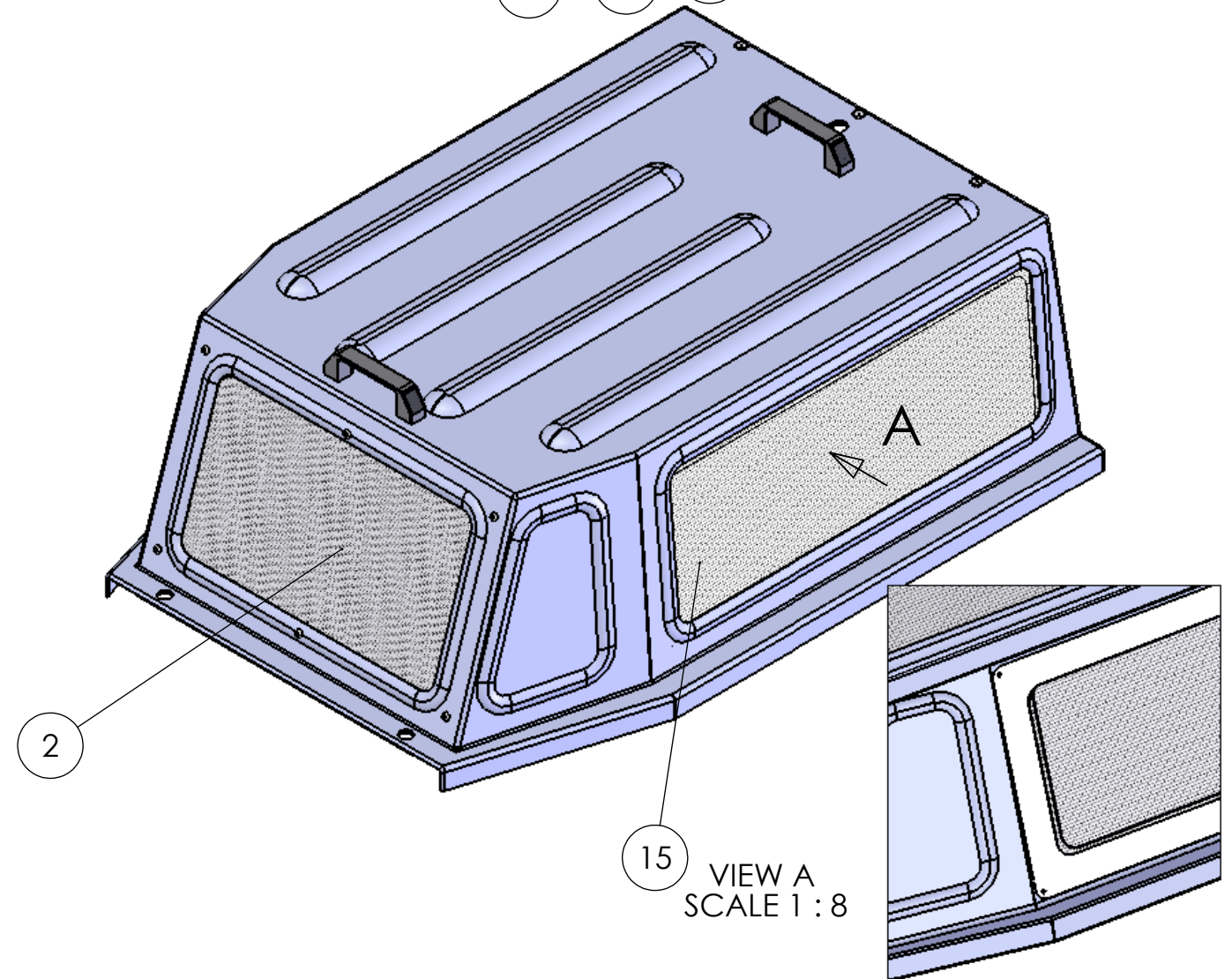
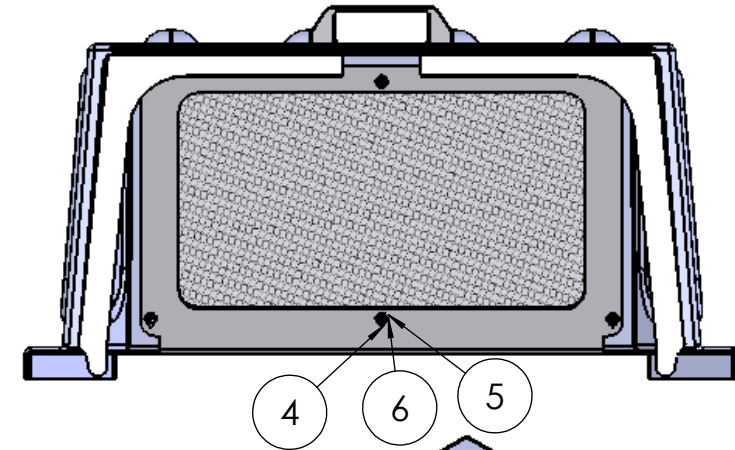
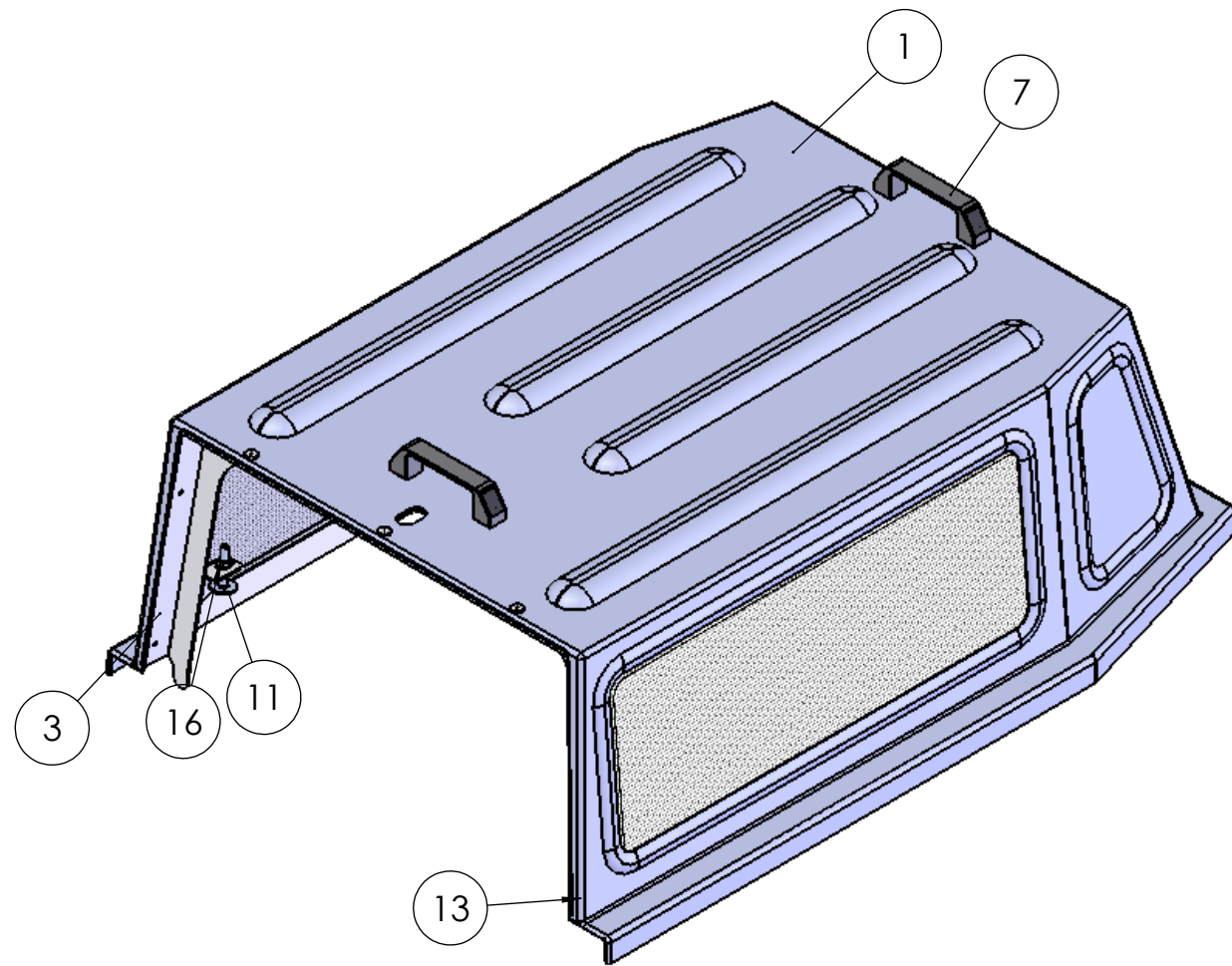


MK2 ST1928

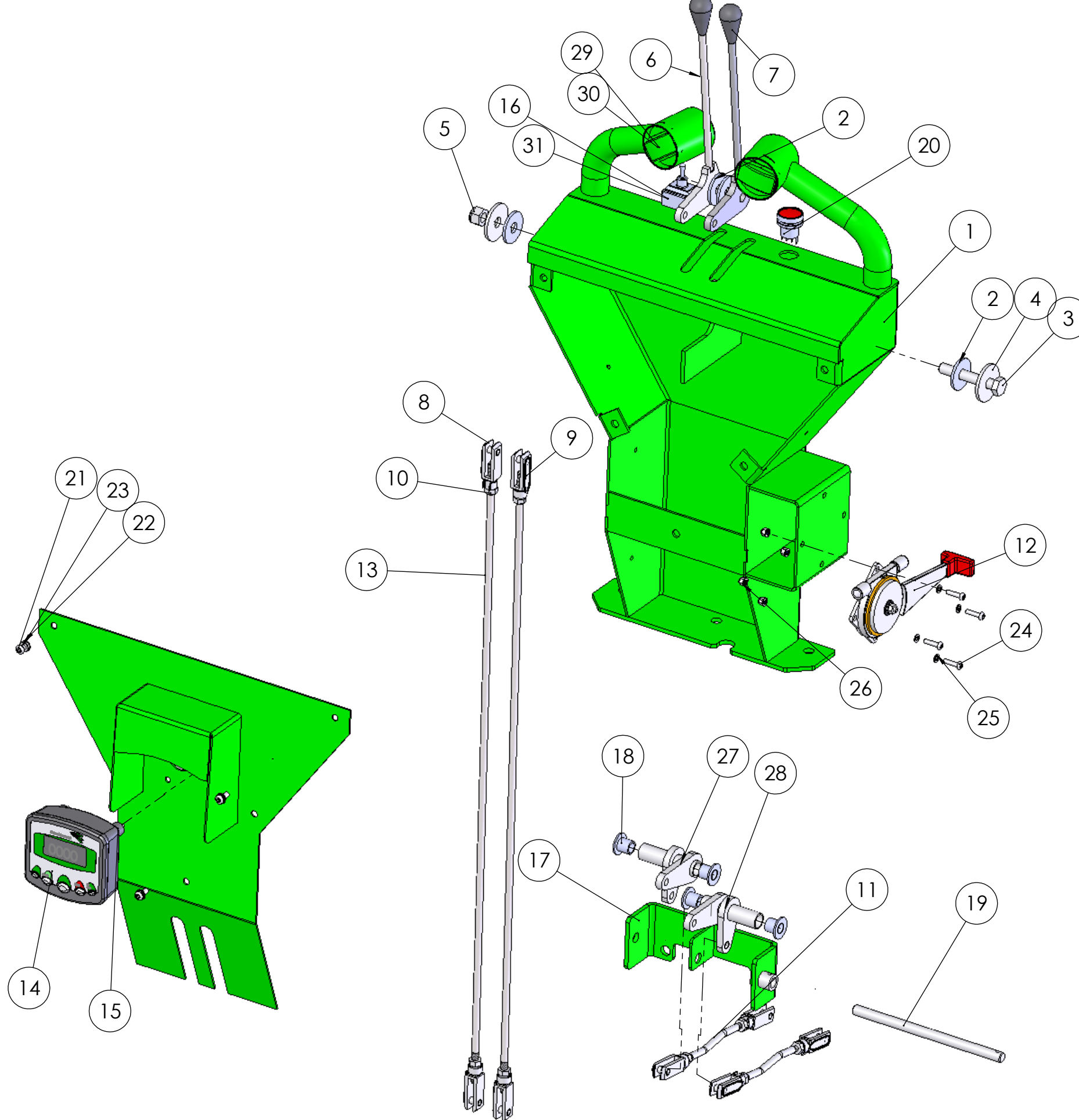
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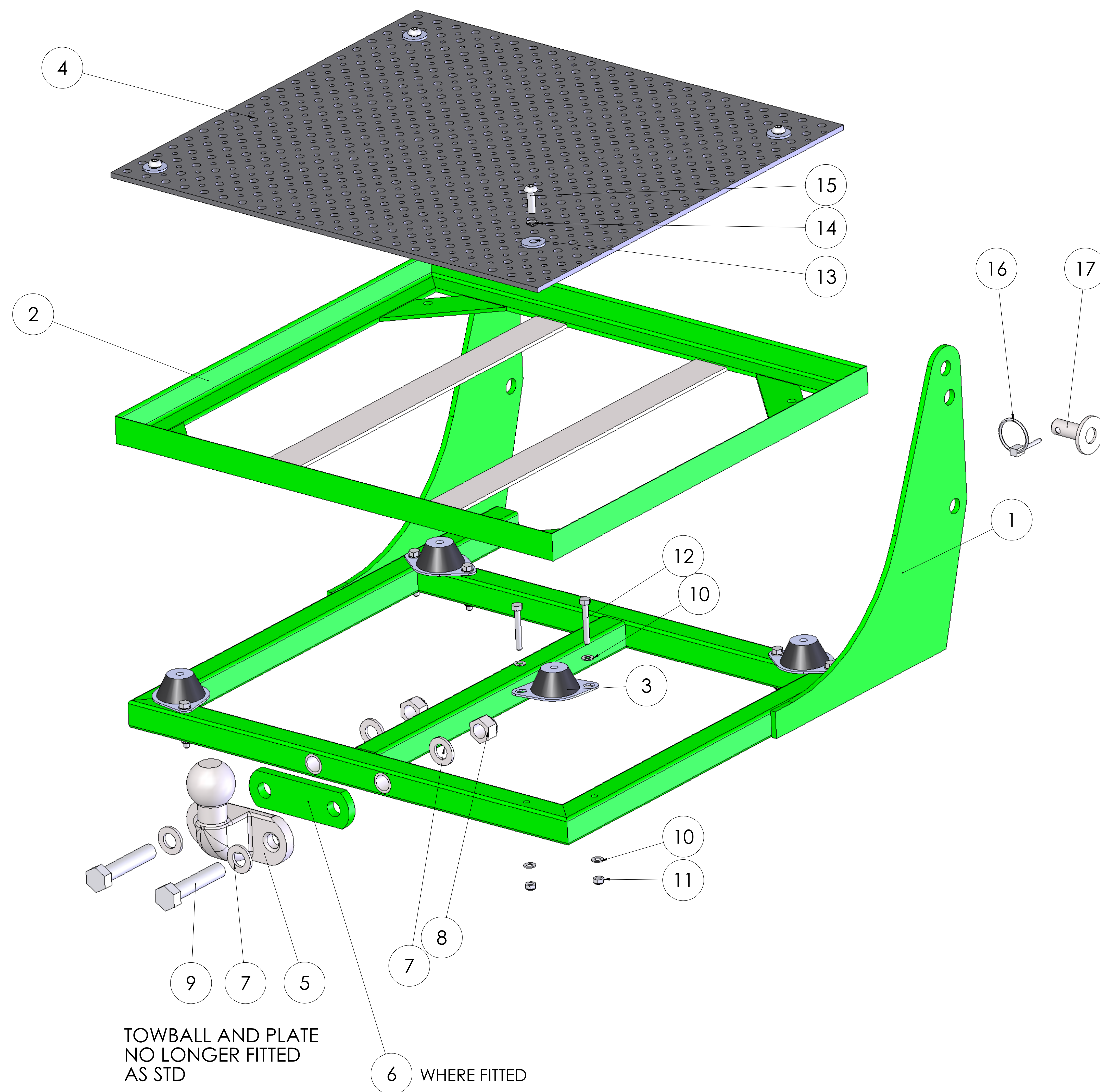


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC151011	Bonnet moulding	1
2	MK2 ST1928-1-40A	Front grill	1
3	ST1928-1-39A	Bonnet stiffener	1
4	60625BH	M6x25 Button head	6
5	90602	M6 flat washer	6
6	90601-Nyloc	M6 Nyloc nut	6
7	EC150012	BONNET HANDLE	2
8	90825	HEX HD BOLT	4
9	90802	M8 Flat washer	6
10	90801-Nyloc	M8 Nyloc nut	4
11	EC130-1-105	Micro switch button	1
13	BIGHEAD RIVET	Monel pop rivet	7
14	90801P	M8 plain nut	2
15	MK2 ST1928-1-41	Bonnet side guard	2



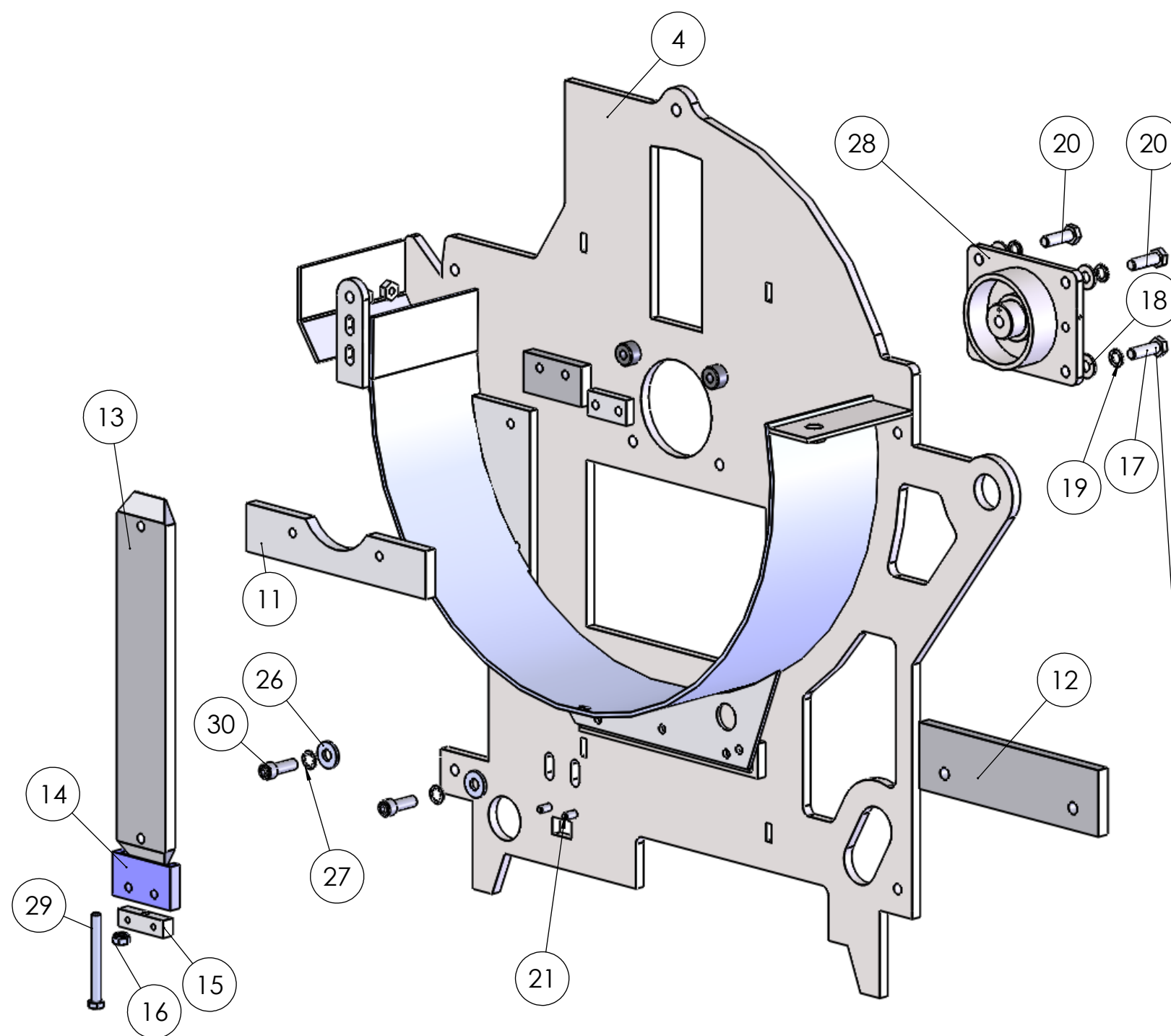
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MK2ST1928-1-113	CONSOLE	1
2	N9120238	38odx12.7id x 3.14thk	4
3	91275	M12 x 75 bolt	1
4	9120245	FLAT WASHER X 45 DIA	2
5	91201	NYLOC NUT	1
6	MK2 ST1928-1-62	Lever	2
7	ST1928-1-127	Lever knob	2
8	STC1928104	LONG CLEVIS	8
9	LONG CLEVIS PIN	INCLUDED WITH ABOVE	8
10	90801P	PLAIN NUT	8
11	MK2 ST1928-1-125	VALVE ROD	2
12	ST20004	THROTTLE LEVER	1
13	STC1928976	link rod	2
14	QC160-6-1040	CHIPPER PLUS	1
15	EC1523696-1	RUBBER MOUNT	4
16	STC1928952	TOGGLE SWITCH	1
17	MK2 ST1928-1-53	Centre link bracket	1
18	STC1928968	16odx12.2id x 17	4
19	MK2 ST1928-1-122	Linkage pivot pin	1
20	ELEC301	EMERGENCY TRACKING SWITCH	1
21	60616BH	M6 x 16mm B/H	5
22	90602	M6 flat washer	5
23	90603	M6 S/WASHER	5
24	60520BH	M5 x 20mm B/HEAD	4
25	90502	M5 WASHER	8
26	90501-NYLOC	M5 NYLOC NUT	4
27	MK2ST1928-1-117LH	PIVOT LINK	1
28	MK2ST1928-1-117RH	PIVOT LINK	1
29	STC1928950	ROCKER SWITCH	2
30	STC1928951	ROCKER COVER	2
31	STC1928953	SEALING HOOD-TOGGLE SWITCH	1

OPERATOR
CONSOLE



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	MK2ST1928-1-77A	PLATFORM	1
2	MK2ST1928-1-78	FOOTPLATE FRAME	1
3	STC1928956	PED 8525M8-60	4
4	MK2 ST1928-1-77-5	type 02 grating 500 x 555	1
5	STC1928973	50MM TOWBALL	1
6	MK2 ST1928-1-136	Ball hitch spacer	1
7	91602B	M16 nylon washer	4
8	91601	M16 NYLOC NUT	2
9	91680	M16 x 80 bolt	2
10	90602	M6 flat washer	16
11	90601	M6 NYLOC	8
12	90645	HEX HD BOLT	8
13	90802HD	HD WASHER	4
14	90804	SHAKEPROOF WASHER	4
15	60825	BUTTON HD BOLT	4
16	EC150021-1	LYNCH PIN	2
17	MK2 ST1928-1-137	PLATFORM LOCKING PIN	2

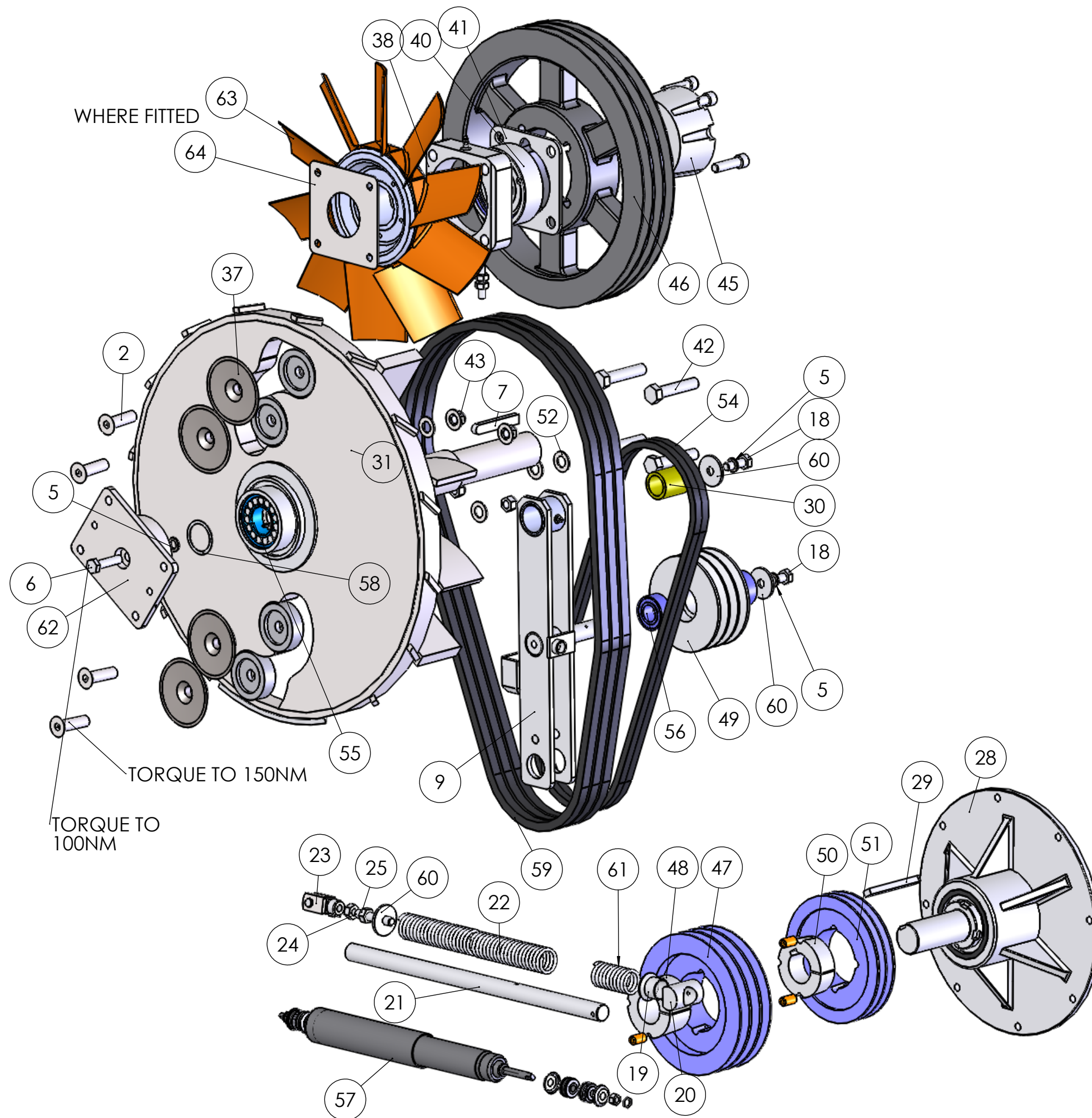
OPERATOR PLATFORM



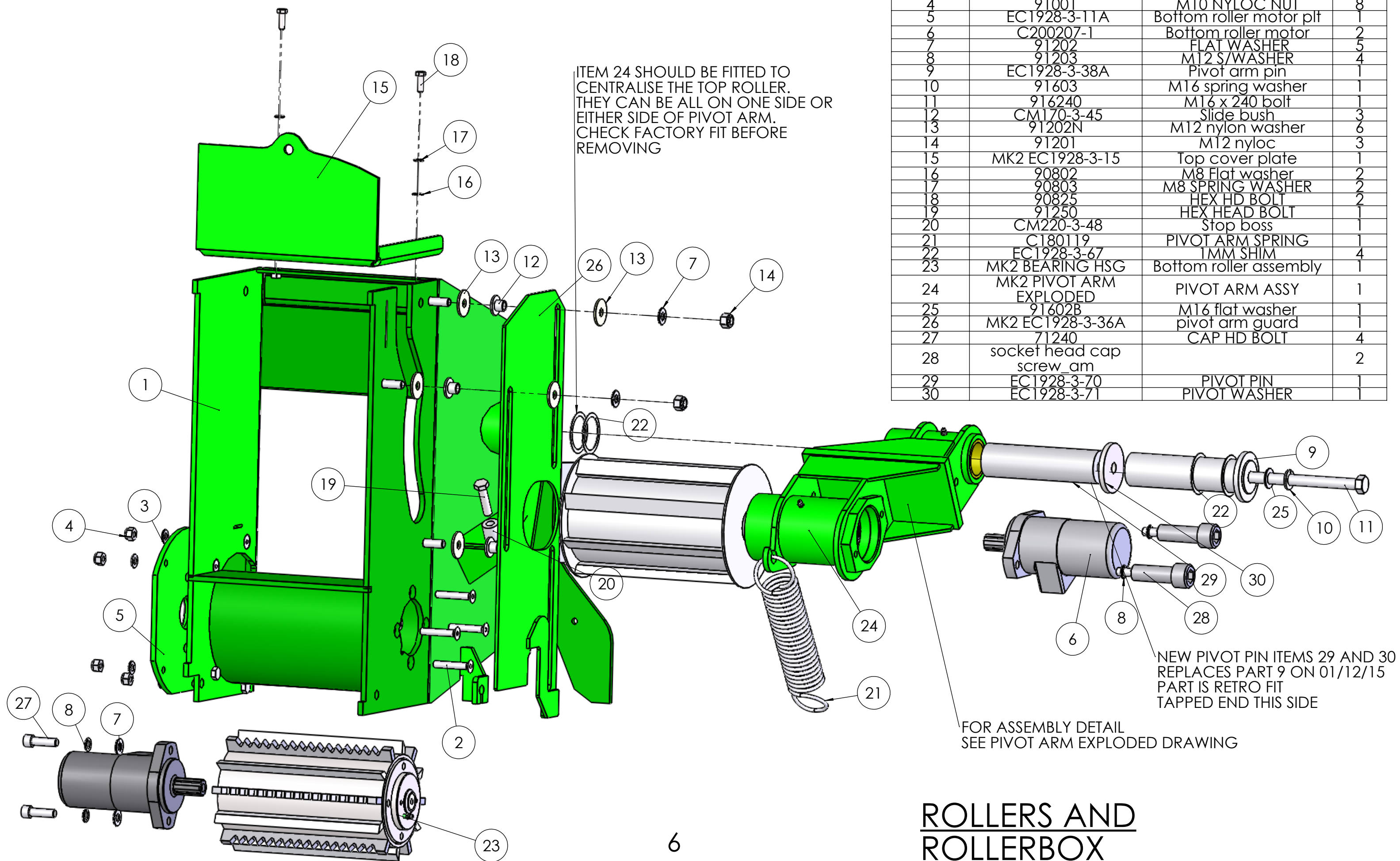
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
4	MK2 ST1928-2-17	Rear plate	1
11	EC1928-2-31	Top shear bar	1
12	EC1928-2-29	Lower shear bar	1
13	CM220-2-31	Vertical shear bar	1
14	CM170-2-33	Shear bar pocket	1
15	CM170-2-37	SHEARBAR LOCK	1
16	91001-T	Thin M10 Nyloc	1
17	91240F	M12 x 40 fine thread	2
18	91202C	M12 flat washer	4
19	91203	M12 S/WASHER	4
20	91240	HEX HEAD BOLT	2
21	90830	M8 x 30 bolt	2
22	90803	M8 SPRING WASHER	2
25	EC150024-7	M12 Boss Insert	6
26	91206HD	12mm HD washer	2
27	91204	M12 SHAKEPROOF WASHER	2
28	EC130-2-22	Stub axle/flywheel bearing housing	1
29	910100 set	M10 x 100 set	1
30	71235CH	M12 x 35 caphead	2

4 No Torque to 100NM plus locktite

CHIPPER CHAMBER SHEARBARS

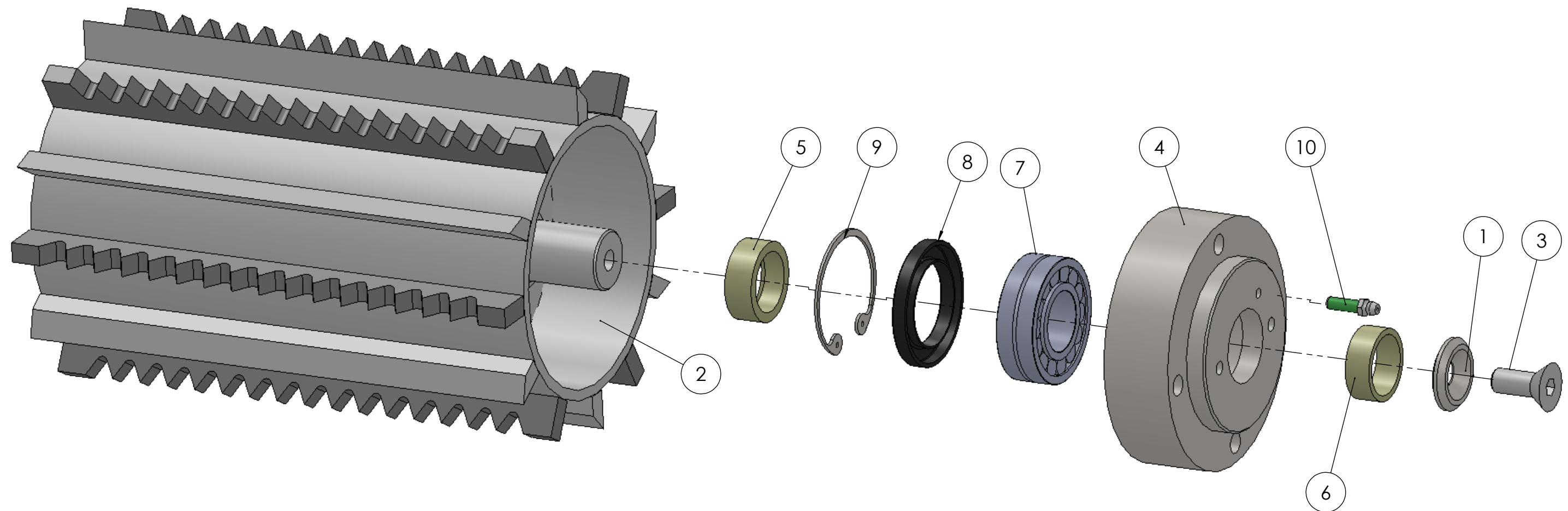


CHIPPER DISC AND DRIVE



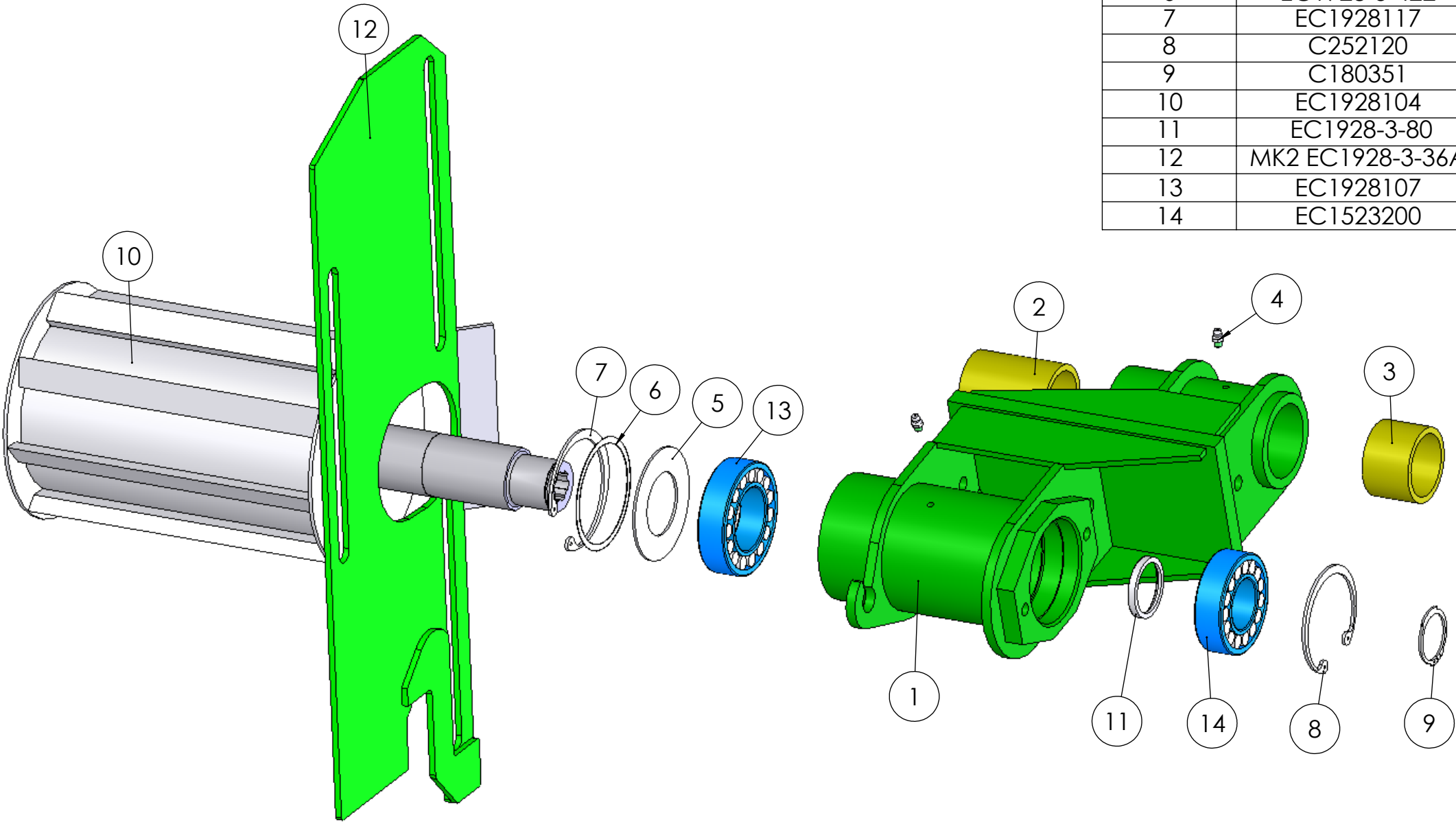
ROLLERS AND ROLLERBOX

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MK2 ST1928-3-22	BOTTOM CSK STEPPED WASHER	1
2	EC1928105	BOTTOM ROLLER	1
3	91230CS	CLAMPING BOLT	1
4	MK2 ST1928-3-80	BEARING HOUSING	1
5	ST1928-3-82	CHAMFERED SLEEVE	1
6	ST1928-3-83	PLAIN SLEEVE	1
7	QC160-2-1002	DOUBLE ROW SPHERICAL ROLLER BEARING	1
8	C260339	ROTARY OIL SEAL	1
9	C260338	CIRCLIP	1
10	GNS501	STRAIGHT	1

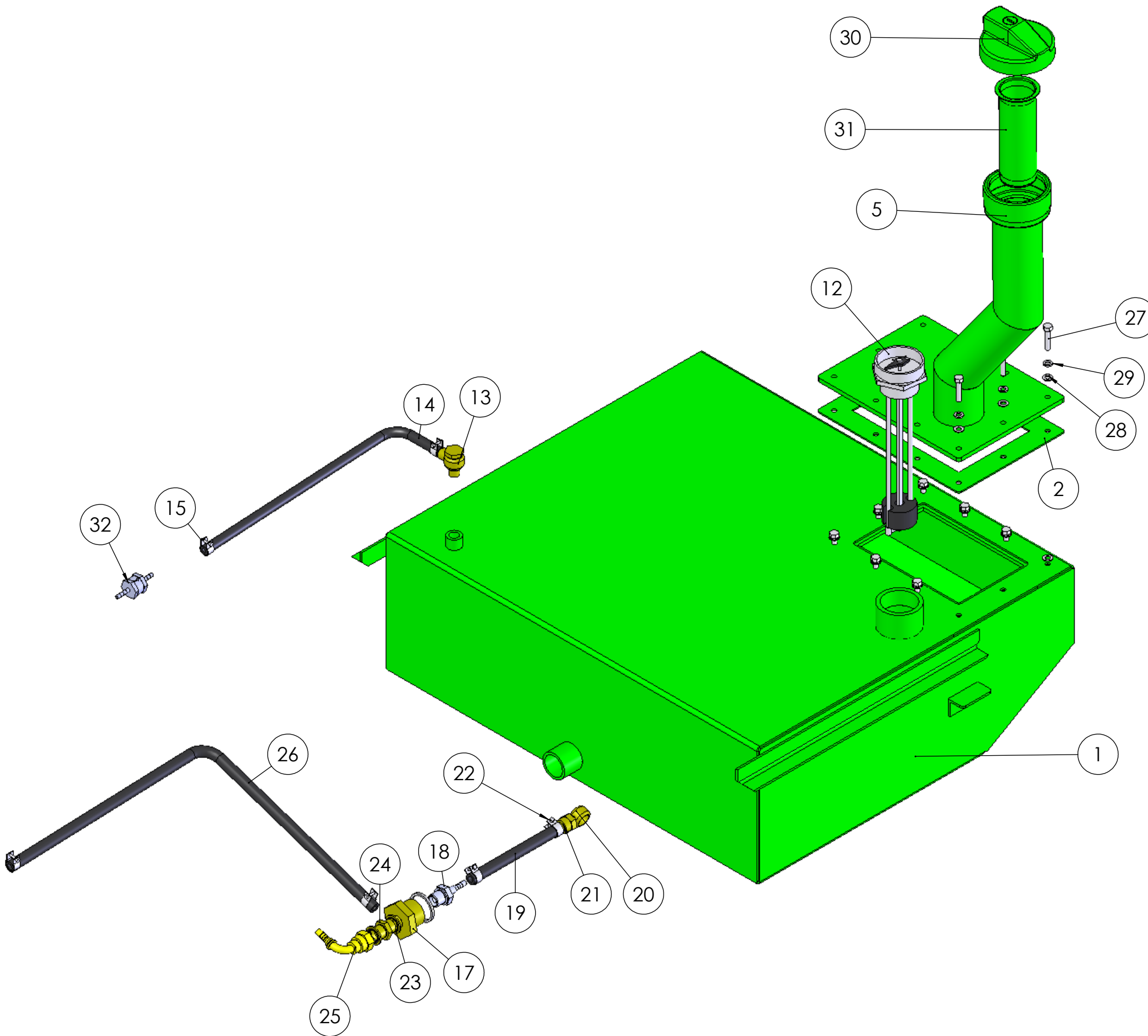


BOTTOM ROLLER

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC1928-3-28	Pivot arm	1
2	EC1928113	Oilite bush	1
3	C180114	Oilite bush	1
4	GNS500	GREASE NIPPLE	2
5	EC1928-3-421	End plate	1
6	EC1928-3-422	Shim	1
7	EC1928117	Internal circlip	1
8	C252120	Internal circlip	1
9	C180351	External circlip	1
10	EC1928104	Top roller	1
11	EC1928-3-80	Top roller spacer	1
12	MK2 EC1928-3-36A	pivot arm guard	1
13	EC1928107	SPHERICAL BEARING	1
14	EC1523200	SPHERICAL BEARING	1

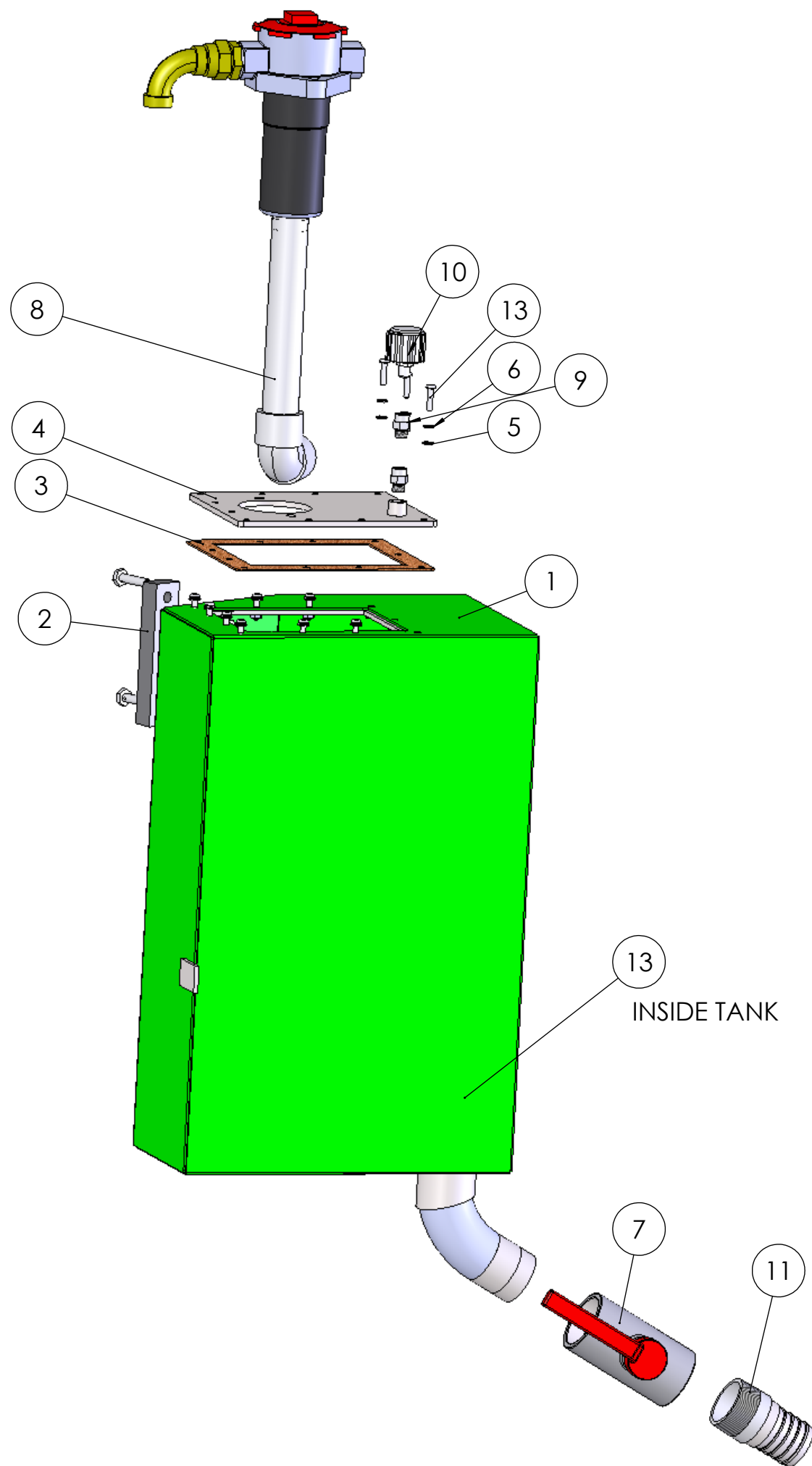


TOP ROLLER &
PIVOT ARM



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MK2 ST1928-1-43	Fuel tankl	1
2	ST1928-1-44-6	Access plate gasket	1
5	MK2 ST1928-1-200	Diesel filler neck	1
12	STC1928122	Fuel gauge	1
13	FITTING	1-4 BANJO	1
14	1-4 BLEEDPIPE	1-4 BLEED	1
15	1-4HC	1/4 hose clip	2
17	FITTING	1"-3/4" reducer	1
18	FITTING	3-8 5-16 HOSE TAIL	1
19	5-16 FEEDPIPE	SUCTION PIPE	1
20	FITTING	1-4 1-4 MNN BANJO	1
21	FITTING	1-4 5-16 HOSE TAIL	1
22	5-15HC	Hose clamp	4
23	FITTING	BONDED WASHER	3
24	FITTING	3-3 3-8 MM	1
25	FITTING	3/8" - 5/16" hose tail	1
26	PIPE	5-16 Hose	1
27	90630	M6 bolt x 30	10
28	90602	M6 flat washer	11
29	90603	M6 S/WASHER	10
30	STC1928909	LOCKEABLE CAP	1
31	STC1928907	STEEL FILTER	
32	STC1928975	NON RETURN VALVE	1

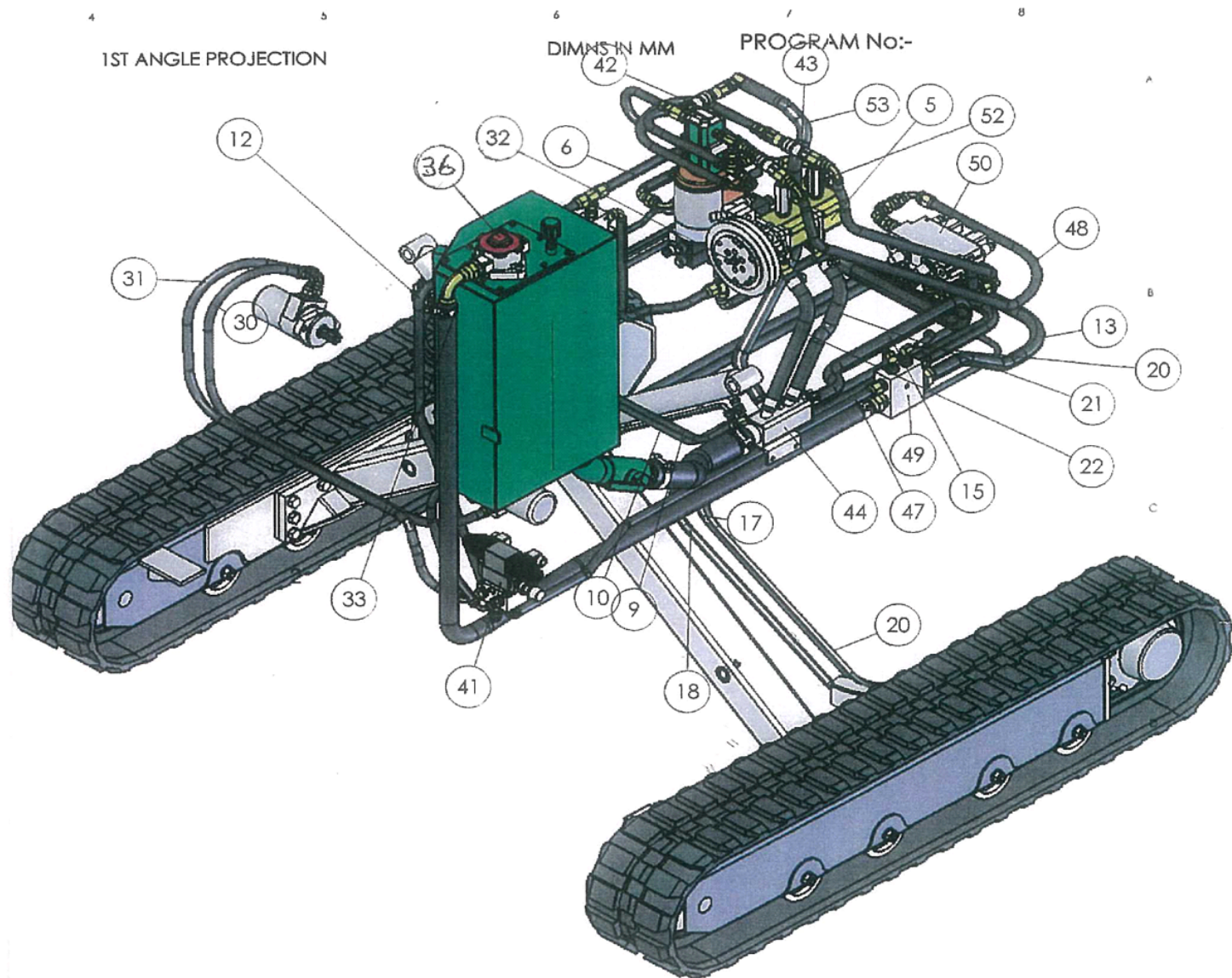
FUEL TANK



ITEM NO.	PART NUMBER	DESCRIPTION	Exploded/QTY.
1	MK2 ST1928-1-44A	HYD TANK	1
2	STC1928112	TANK GAUGE	1
3	MK2 ST1928-1-44-6	ACCESS PLATE GASKET	1
4	MK2 ST1928-1-44-4	Access plate hyd tank	1
5	90602	M6 flat washer	11
6	90603	M6 S/WASHER	11
7	STC1928967	2" BALL VALVE	1
8	ST1928-111	RETURN FILTER ASSY	1
9	1-4 Extension	1-4 BSP	2
10	ST1928-1-150	UCC TANK BREATHER	1
11	MT120-1-0124	2" HOSE TAIL	1
12	STC1928121	SUCTION FILTER	1
13	60625BH	M6x25 Button head	11

HYDRAULIC TANK

ITEM	PART NUMBER	DESCRIPTION	QTY
5	STC1928101	TWIN PUMP ASSY	1
6	HP16	HYD PIPE 250 LONG	1
7	HP15	HYD PIPE 350 LONG	1
8	HP01	HYD PIPE 550 LONG	1
9	HP04	HYD PIPE 900 LONG	1
10	HP05	HYD PIPE 900 LONG	1
11	HP06	HYD PIPE 1300 LONG	1
12	HP07	HYD PIPE 1300 LONG	1
13	HP28	HYD PIPE 540 LONG	1
14	HP27	HYD PIPE 1100 LONG	1
15	HP21	HYD PIPE 1830 LONG	1
16	HP22	HYD PIPE 1830 LONG	1
17	HP19	HYD PIPE 2010 LONG	1
18	HP20	HYD PIPE 2010 LONG	1
19	HP03	HYD PIPE 2700LONG	1
20	HP02	HYD PIPE 2050 LONG	1
21	HP26	HYD PIPE 380 LONG	1
22	HP25	HYD PIPE 380 LONG	1
23	HP24	HYD PIPE 680 LONG	1
24	HP23	HYD PIPE 2000 LONG	1
25	HP13	HYD PIPE 1150 LONG	1
26	HP14	HYD PIPE 1500 LONG	1
27	C200207-1T	ROLLER MOTOR	1
28	C200207-1B	ROLLER MOTOR	1
29	HP08	HYD PIPE 250 LONG	1
30	HP09	HYD PIPE 1250 LONG	1
31	HP10	HYD PIPE 1300 LONG	1
32	TC220102	HEAVY DUTY CLUTCH	1
33	STC1928119	HOSE CLIP	2
34	STC1928118	HOSE CLIP	8
35	MK2ST1928-1-44A	HYD TANK ASSY	1
36	ST1928-111	RETURN FILTER ASSY	1
41	QC160-6-6017	ROLLER SOLENOID	1
42	1-2QRC-2P-08	MALE QUICK RELEASE	3
43	1-2QRC-2S-08	FEMALE QUICK RELEASE	3
44	ST1928-1-105A	SUCTION MANIFOLD	1
47	HP13	HYD PIPE 1150 LONG	1
48	HP18	HYD PIPE 1250 LONG	1
49	STC1928114	RETURN MANIFOLD	1
50	STC1928901	TRACK VALVE	1
51	STC1928401	EMERGENCY PUMP/MOTOR	1
52	STC1928402	3/4 NON RETURN VALVE	2
53	HP32	HYD PIPE 1200 LONG	1
54	HP30	HYD PIPE 450 LONG	2
55	HP12	HYD PIPE 400 LONG	1
56	HP11	HYD PIPE 850 LONG	1
57	HP33	HYD PIPE 450 LONG	1
58	C170112	ROLLER/RAM PUMP	1
59	HP31	HYD PIPE 450 LONG	1
60	STC1928902	RAM VALVE	1
61	C251808	NO STRESS SOLENOID	1
62	TC220217	PRESSURE RELIEF VALVE	1
63	TC220110	TRACK/CHIP SOLENOID	1



TOLERANCES:
LINEAR: 0.025MM
ANGULAR: 0.25

FINISH:

NAME
SIGNATURE
DATE
1/10/09
DEB/JR AND
BREAK SHARP
EDGES
DRAWN
CHK'D
APP'VD
RVMR
BGG

MATERIAL

WEIGHT:

TOLERANCES
MACHINED PARTS +/- 0.025mm
FABRICATED PARTS +/-1.0mm

TITLE:
Hyd Layout
Inc Emergency pump

DWG NO.
MK2 ST1928 Hydraulics
SCALE:1:50
SHEET 1 OF 2

A3

DATE

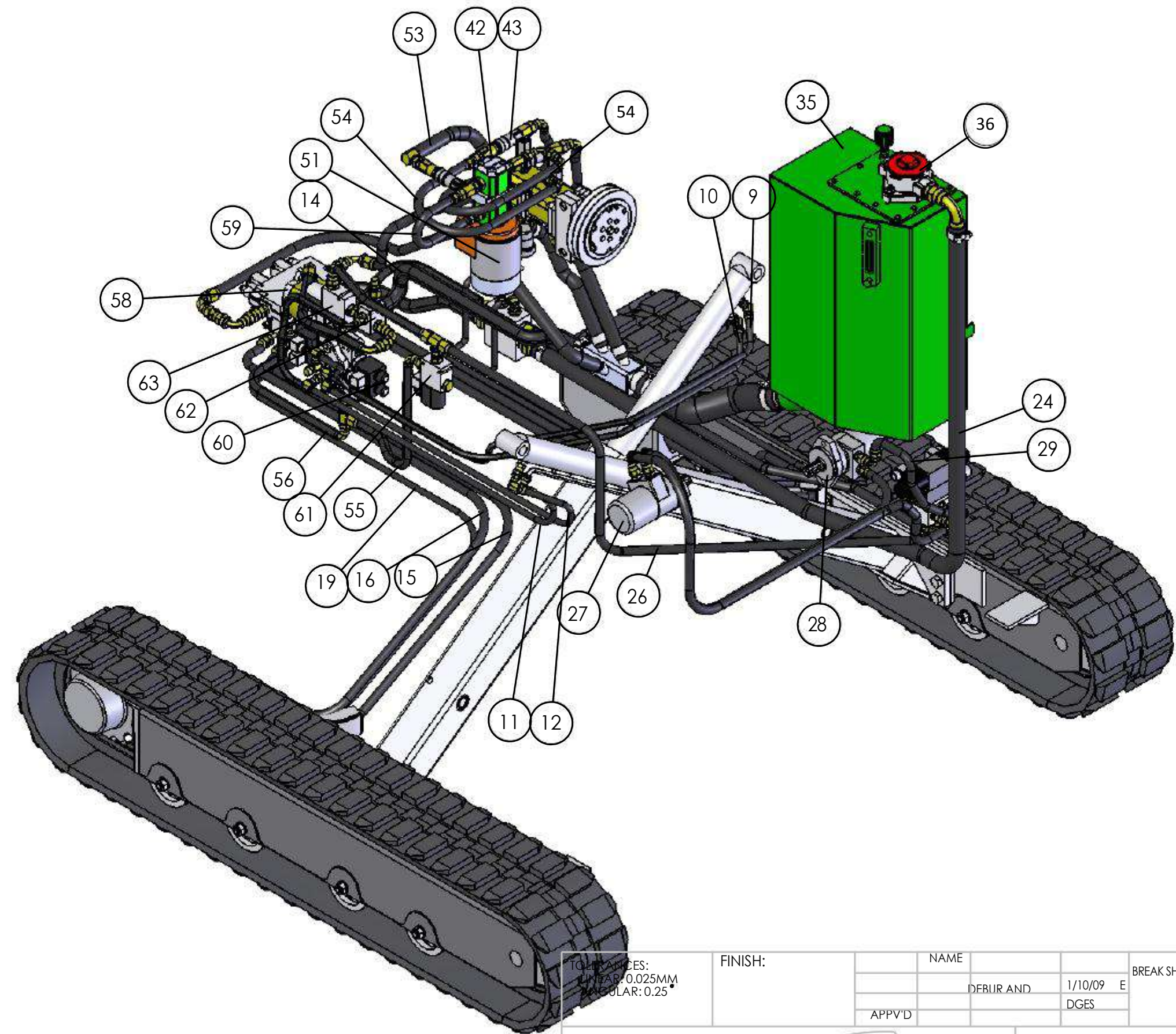
GreenMech Ltd
The Mill Industrial Park
Kings Coughton
Alcester
Warks B49 5QG Tel 01789 400044

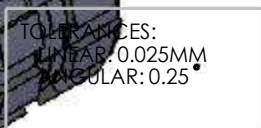
DO NOT SCALE - IF IN DOUBT ASK

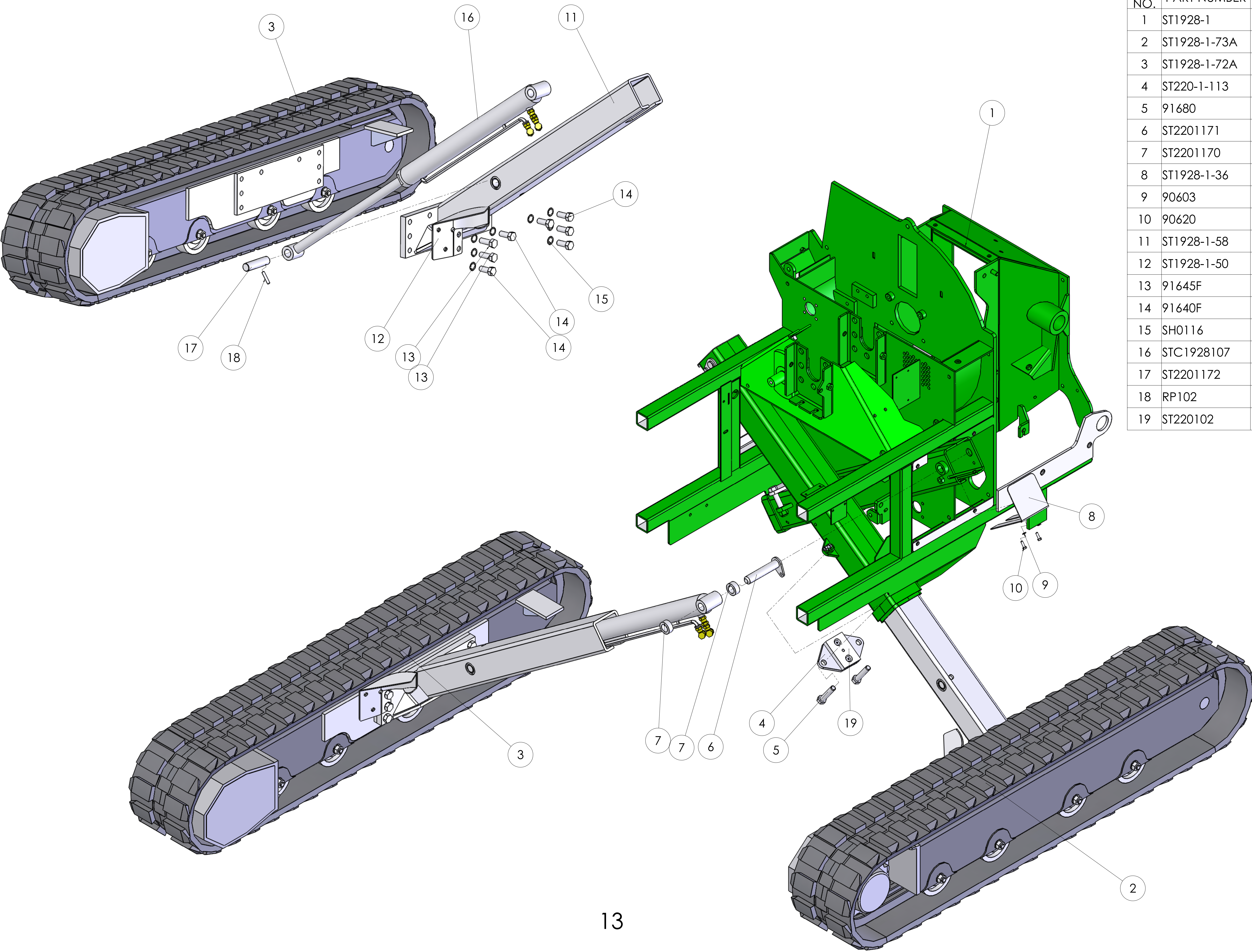
1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

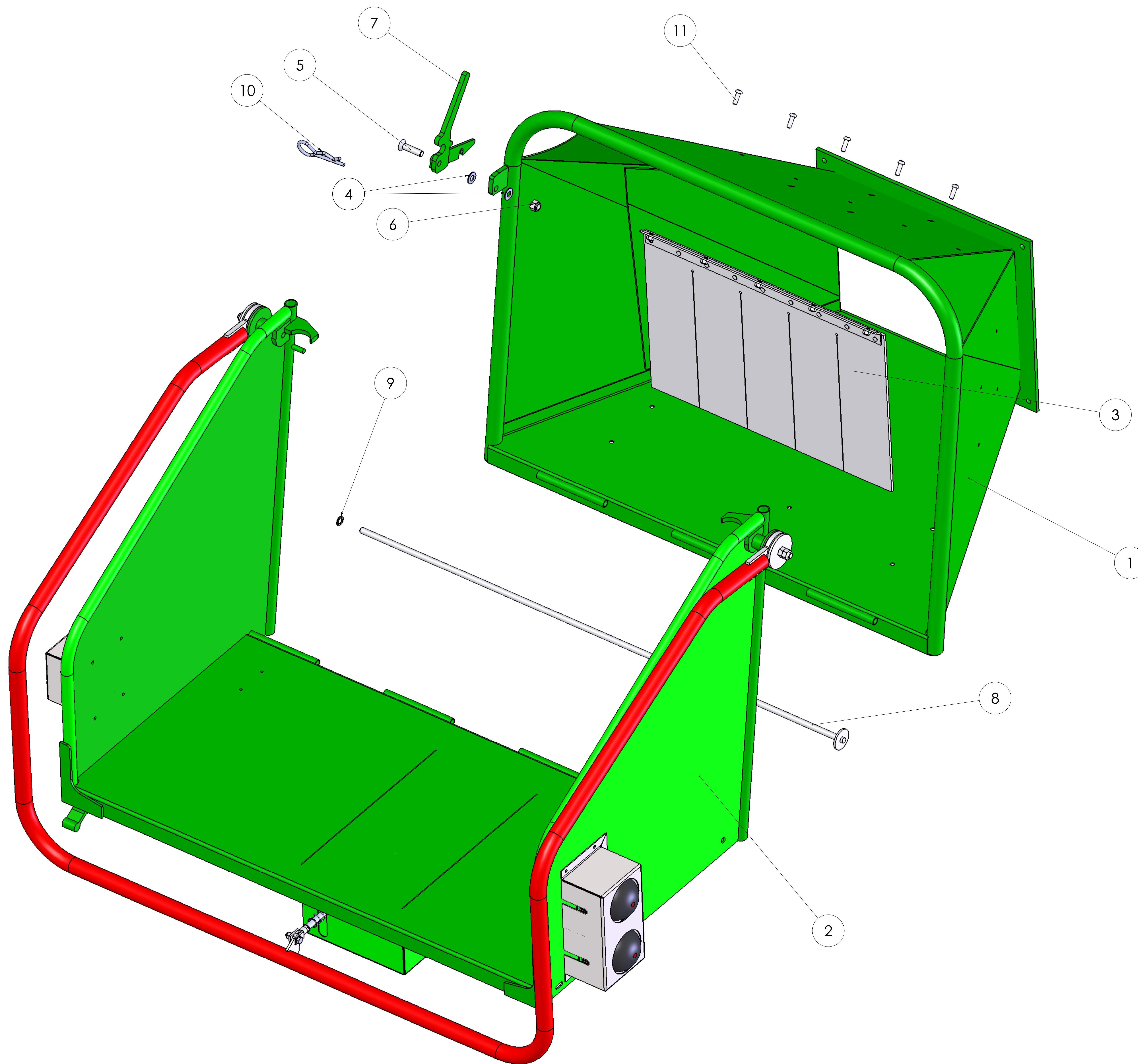


 TOLERANCES: LINEAR: 0.025MM ANGULAR: 0.25°	FINISH:			NAME		BREAK SHARP	TOLERANCES		
					DEBUR AND		1/10/09 E	MACHINED PARTS +/- 0.025mm	
							DGES	FABRICATED PARTS +/-1.0mm	
	APPV'D								
 GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Works B49 5JQ Tel 01789 400044			BGG		MATERIAL:		TITLE:		
			WEIGHT:		MK2 ST1928 Hydraulics		A3		



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ST1928-1	CHASSIS	1
2	ST1928-1-73A	NEAR SIDE TRACK ASSEMBLY	1
3	ST1928-1-72A	OFFSIDE TRACK ASSEMBLY	1
4	ST220-1-113	ADJUSTABLE WEAR PAD	4
5	91680	HEX HD BOLT	8
6	ST2201171	TOP CYLINDER FIXING PIN	2
7	ST2201170	CYLINDER SPACER	4
8	ST1928-1-36	END COVER	2
9	90603	SPRING WASHER	4
10	90620	HEX HD BOLT	4
11	ST1928-1-58	INNER LEG ASSEMBLY	2
12	ST1928-1-50	HOSE GUIDE	2
13	91645F	M16 FINE THREAD HEX HD BOLT	4
14	91640F	M16 FINE THREAD HEX HD BOLT	12
15	SH0116	SHAKEPROOF WASHER	16
16	STC1928107	HYDRAULIC CYLINDER	2
17	ST2201172	CYLINDER LOWER FIXING PIN	2
18	RP102	8 X 40 ROLL PIN	2
19	ST220102	NYLON WEAR PAD	4

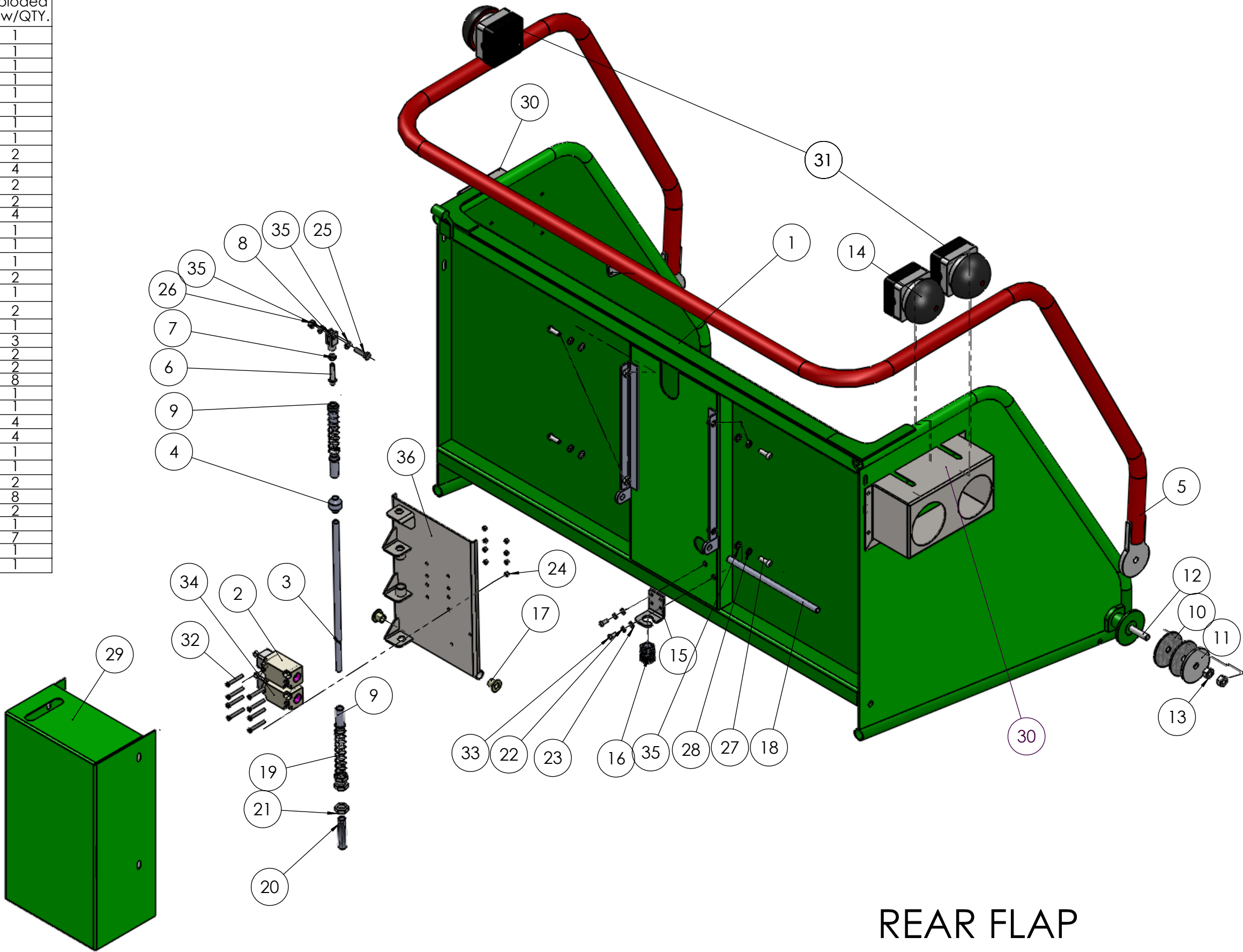
HYDRAULIC TRACK AND CYLINDERS



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	MK2ST1928-4-1	INFEED CHUTE	1
2	MK2ST1928-4-8A	REAR FLAP	1
3	STC1928129	INFEED RUBBER SCREEN	1
4	91202	FLAT WASHER	2
5	81250CS	C/SUNK HD BOLT	1
6	91201	NYLOC NUT	1
7	MK2 CM170-4-19A	FLAP LATCH	1
8	CM170-4-14A	HINGE PIN	1
9	91204S	STARLOCK WASHER	1
10	9105	LARGE R CLIP	1
11	60825	BUTTON HD BOLT	5

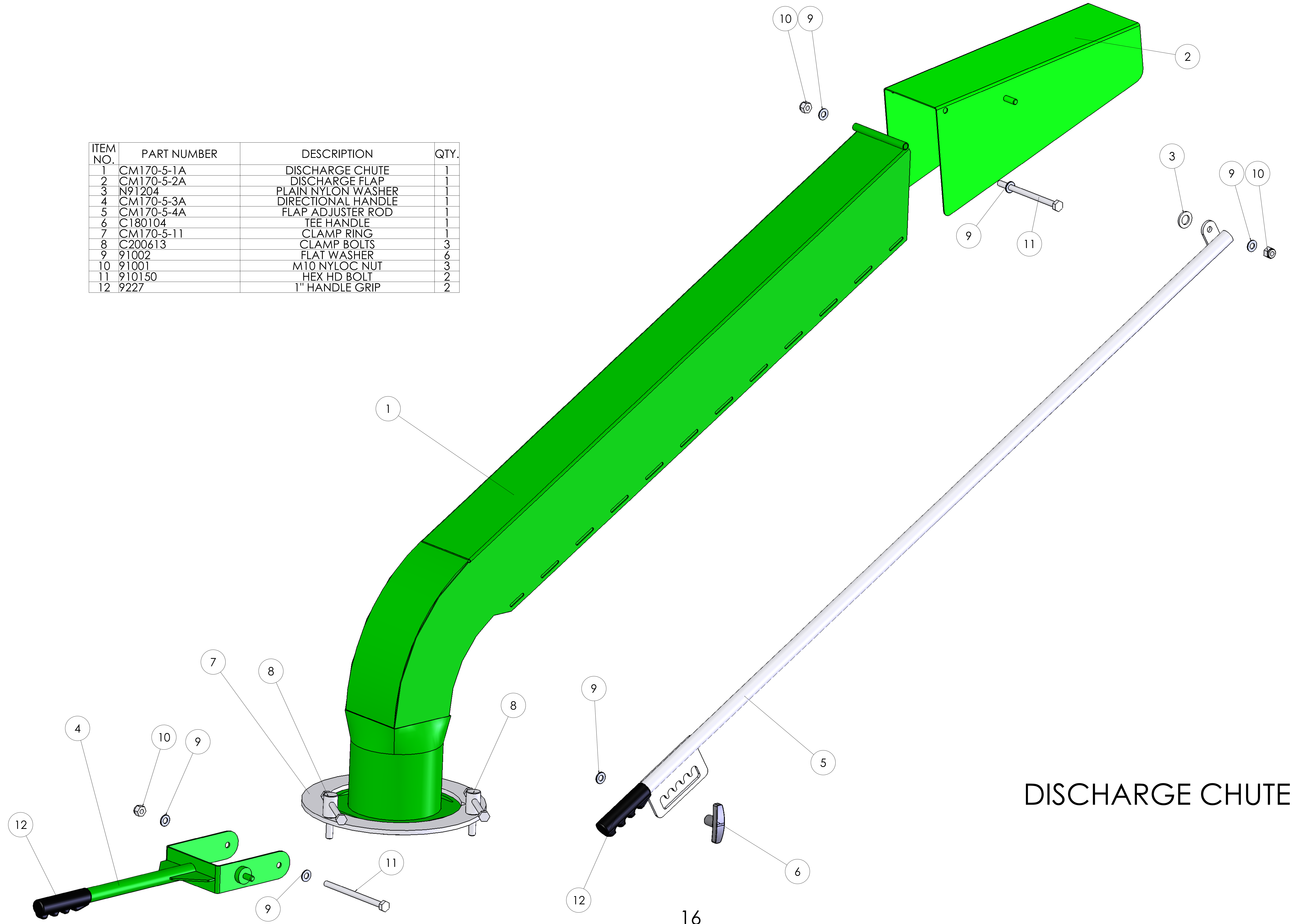
INFEED CHUTE

BOM Table			
ITEM NO.	PART NUMBER	DESCRIPTION	Exploded view/QTY.
1	MK2ST1928-4-8A	FLAP FABRICATION	1
2	C203111	REVERSE LIMIT SWITCH	1
3	STC1928-4-82	activation bar 12dia	1
4	QC160-4-18	Striker boss	1
5	CM170-4-20	Control bar assy	1
6	90850STUD	M8 all thread x 50	1
7	90801P	M8 plain nut	1
8	STC1928400	M8 SHORT CLEVIS	1
9	QC160-4-17	SPRING TUBE	2
10	CM170-4-69	Large Friction Washer	4
11	CM170-4-59	Large washer	2
12	91280STUD	M12 ALLTHREAD	2
13	91201-P	M12 plain nut	4
14	STC1928954	PALM SWITCH YELLOW	1
15	MK2 ST1928-4-15	Gland clamp angle	1
16	ELEC209	SWIVEL GLAND	1
17	STC1928968	16odx12.2id x 17	2
18	STC1928-4-79	Pivot pin	1
19	EC1523444	COMPRESSION SPRING	2
20	MK2 ST1928-4-84	lower spring adjuster	1
21	91601-T	M16 half lock nut	3
22	90603	M6 S/WASHER	2
23	90602	M6 flat washer	2
24	90501-NYLOC	M5 NYLOC NUT	8
25	90830	M8 x 30 bolt	1
26	90801-Nyloc	M8 Nyloc nut	1
27	90825BH	M8 x 25 button head	4
28	90803	M8 SPRING WASHER	4
29	MK2 ST1928-4-71	REAR SW COVER	1
30	MK2 ST1928-4-85	Reset button guard	1
31	QC160-9-1003	PALM SWITCH BLACK	2
32	90540CH	CAP HD BOLT	8
33	60616BH	M6 x 16mm B/H	2
34	C203111-1	STOP LIMIT SWITCH	1
35	90802-A	FLAT WASHER	7
36	MK2 ST1928-4-80A	Pivot plate fab	1
37	MK2 ST1928-4-86	Reset buttons guard	1

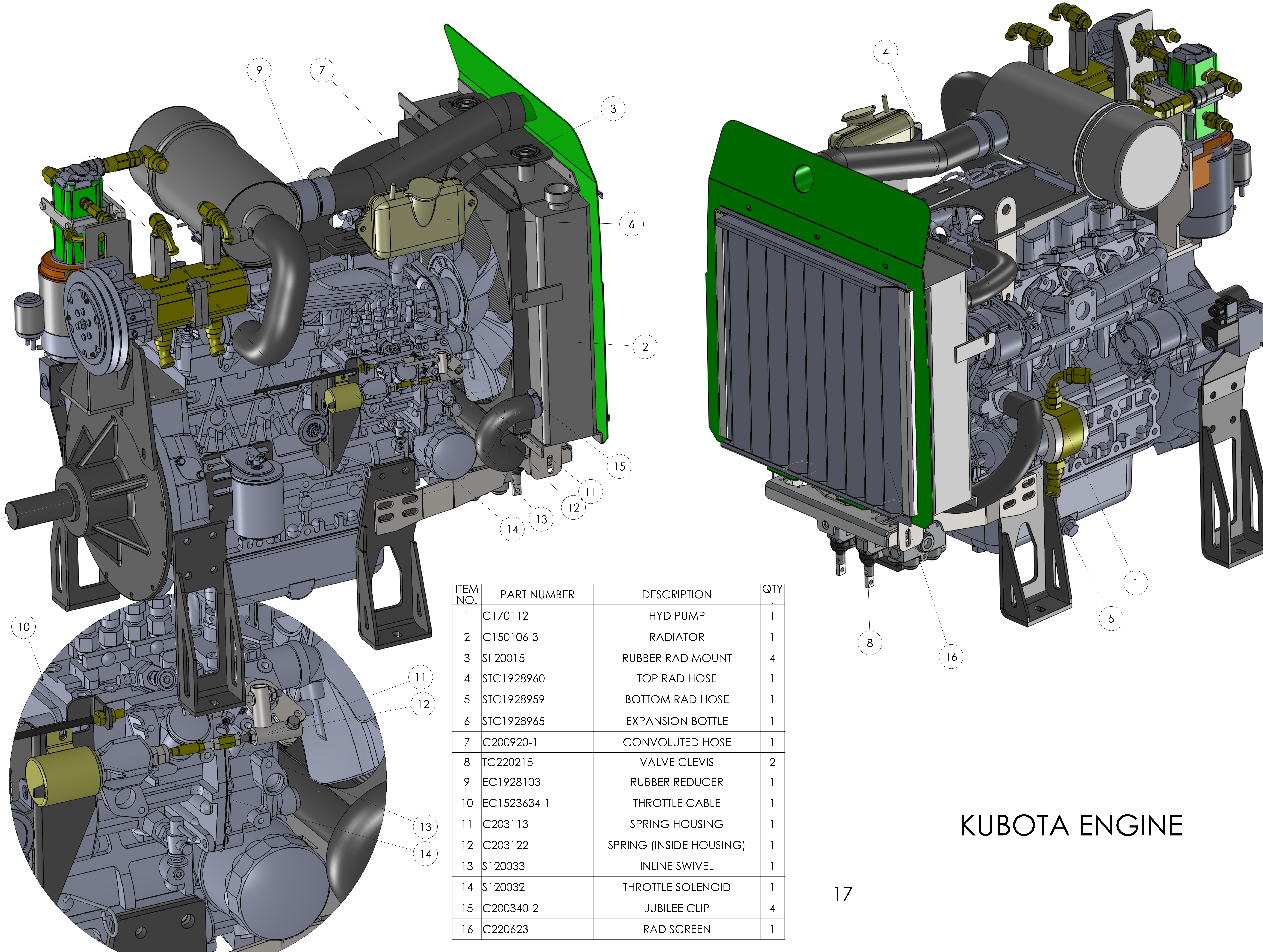


REAR FLAP

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM170-5-1A	DISCHARGE CHUTE	1
2	CM170-5-2A	DISCHARGE FLAP	1
3	N91204	PLAIN NYLON WASHER	1
4	CM170-5-3A	DIRECTIONAL HANDLE	1
5	CM170-5-4A	FLAP ADJUSTER ROD	1
6	C180104	TEE HANDLE	1
7	CM170-5-11	CLAMP RING	1
8	C200613	CLAMP BOLTS	3
9	91002	FLAT WASHER	6
10	91001	M10 NYLOC NUT	3
11	910150	HEX HD BOLT	2
12	9227	1" HANDLE GRIP	2

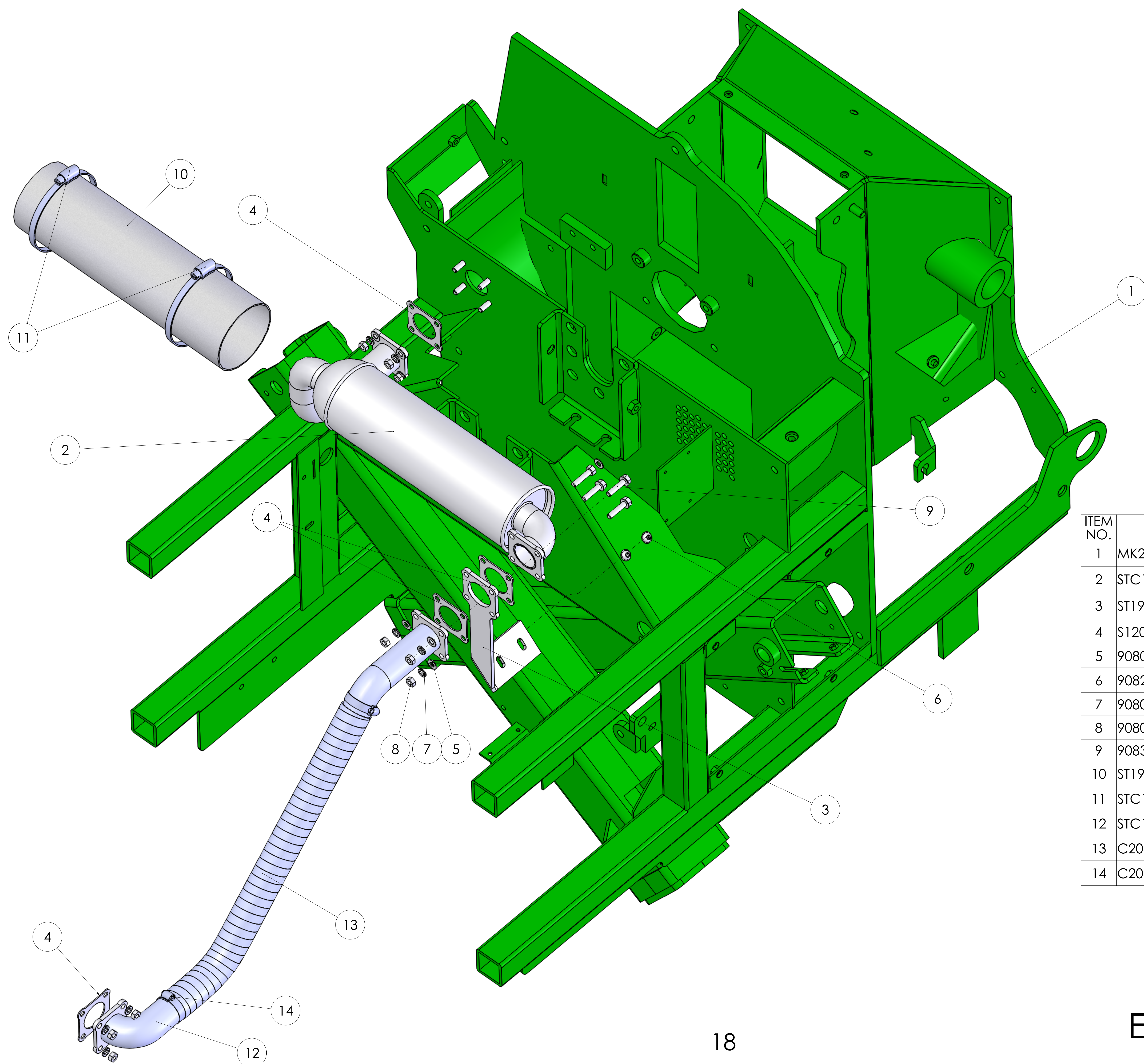


DISCHARGE CHUTE



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	C170112	HYD PUMP	1
2	C150106-3	RADIATOR	1
3	SI-20015	RUBBER RAD MOUNT	4
4	STC1928960	TOP RAD HOSE	1
5	STC1928959	BOTTOM RAD HOSE	1
6	STC1928965	EXPANSION BOTTLE	1
7	C200920-1	CONVOLUTED HOSE	1
8	TC220215	VALVE CLEVIS	2
9	EC1928103	RUBBER REDUCER	1
10	EC1523634-1	THROTTLE CABLE	1
11	C203113	SPRING HOUSING	1
12	C203122	SPRING (INSIDE HOUSING)	1
13	S120033	INLINE SWIVEL	1
14	S120032	THROTTLE SOLENOID	1
15	C200340-2	JUBILEE CLIP	4
16	C220623	RAD SCREEN	1

KUBOTA ENGINE

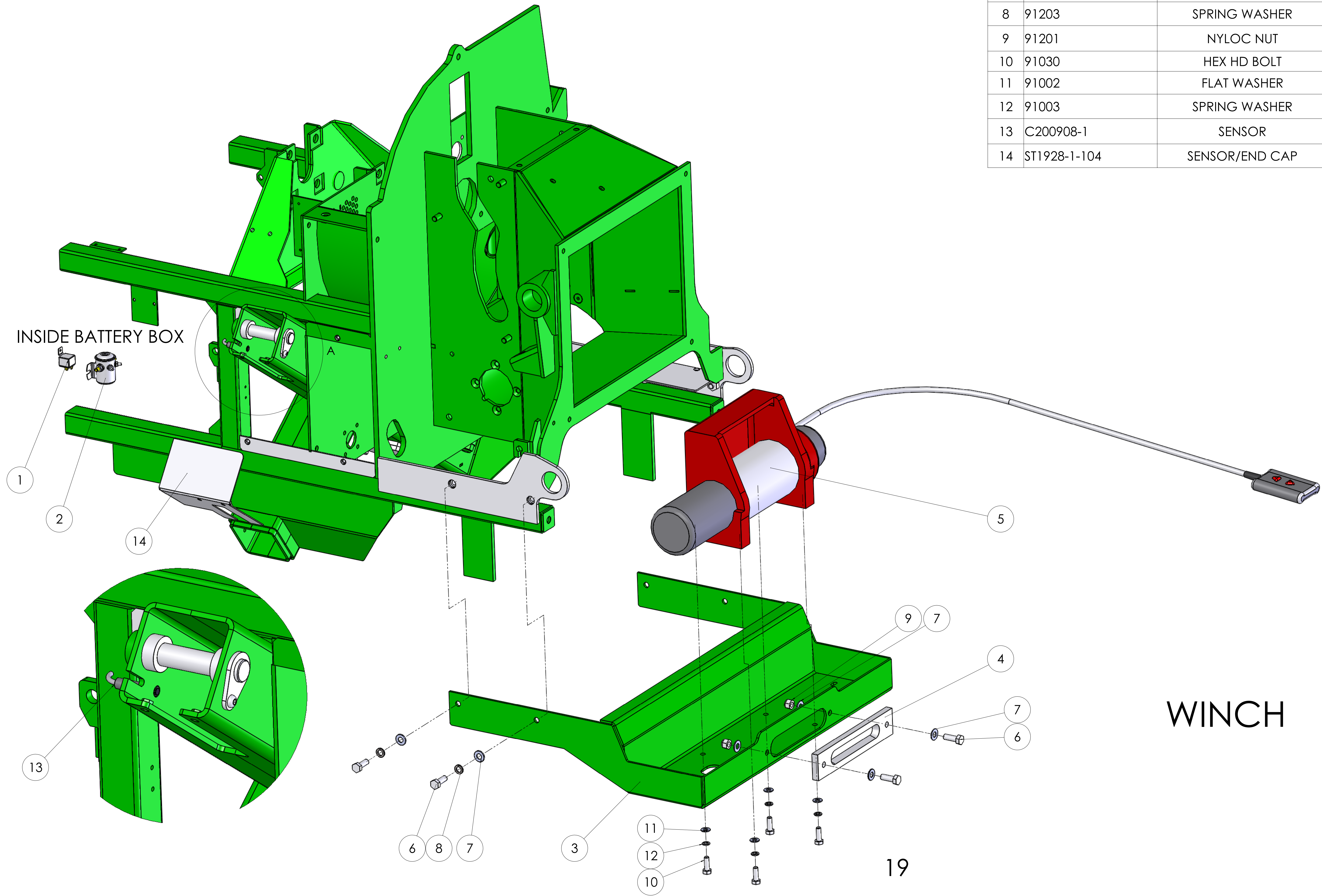


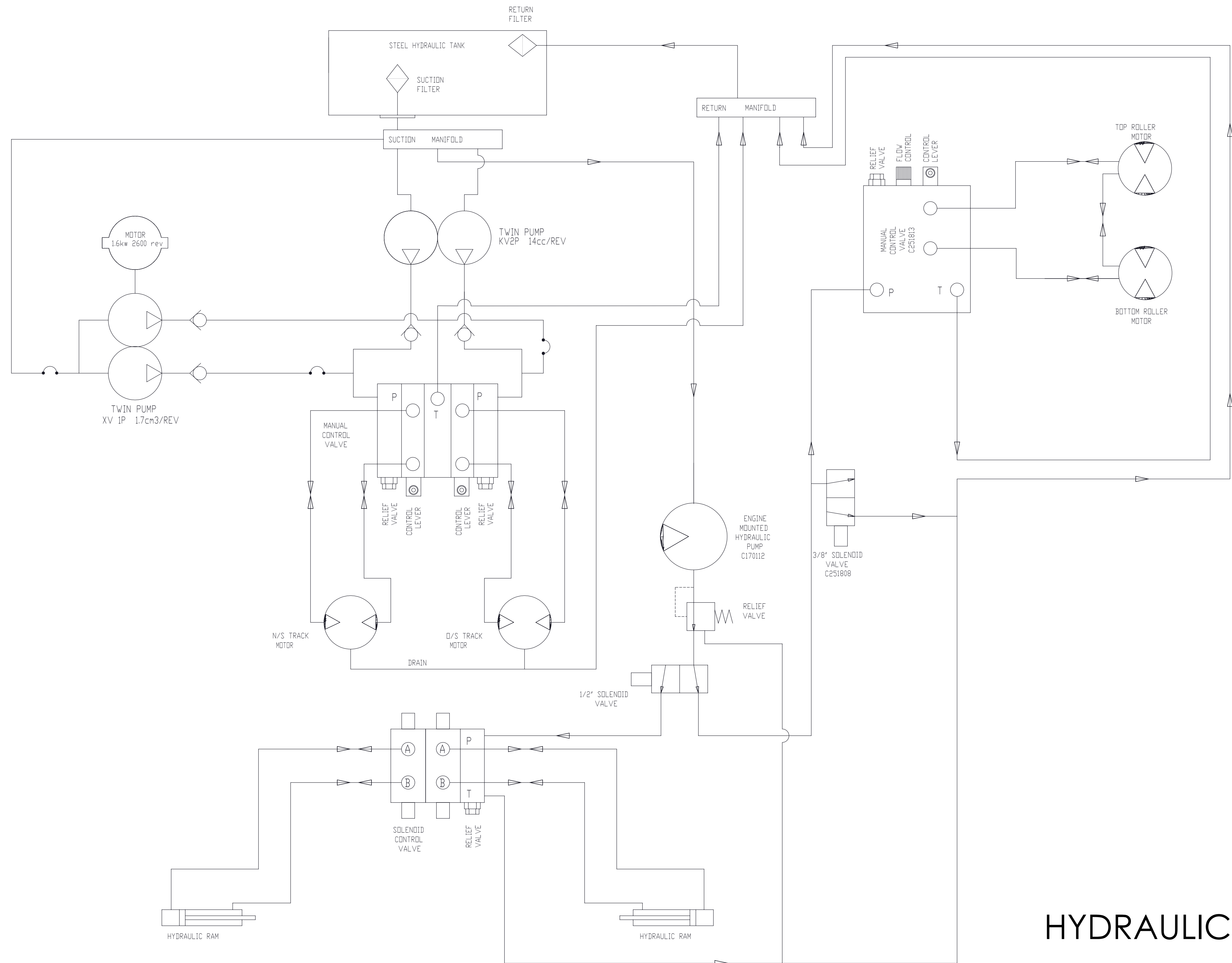
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	MK2 ST1928-1	CUTAWAY CHASSIS	1
2	STC1928636	SILENCER	1
3	ST1928-6-35	SUPPORT BKT	1
4	S120021	EXHAUST GASKET	4
5	90802	M8 FLAT WASHER	16
6	90825BH	BUTTON HD BOLT	2
7	90803	SPRING WASHER	12
8	90801P	PLAIN NUT	12
9	90835	M8 x 35 bolt	4
10	ST1928638	CLOTH HEAT SHIELD	1
11	STC1928639	JUBILEE CLIP	2
12	STC1928-6-25K	EXHAUST FLEXI MK2	1
13	C200333	EXHAUST WRAP	1
14	C200340	JUBILEE CLIP	2

EXHAUST SYSTEM

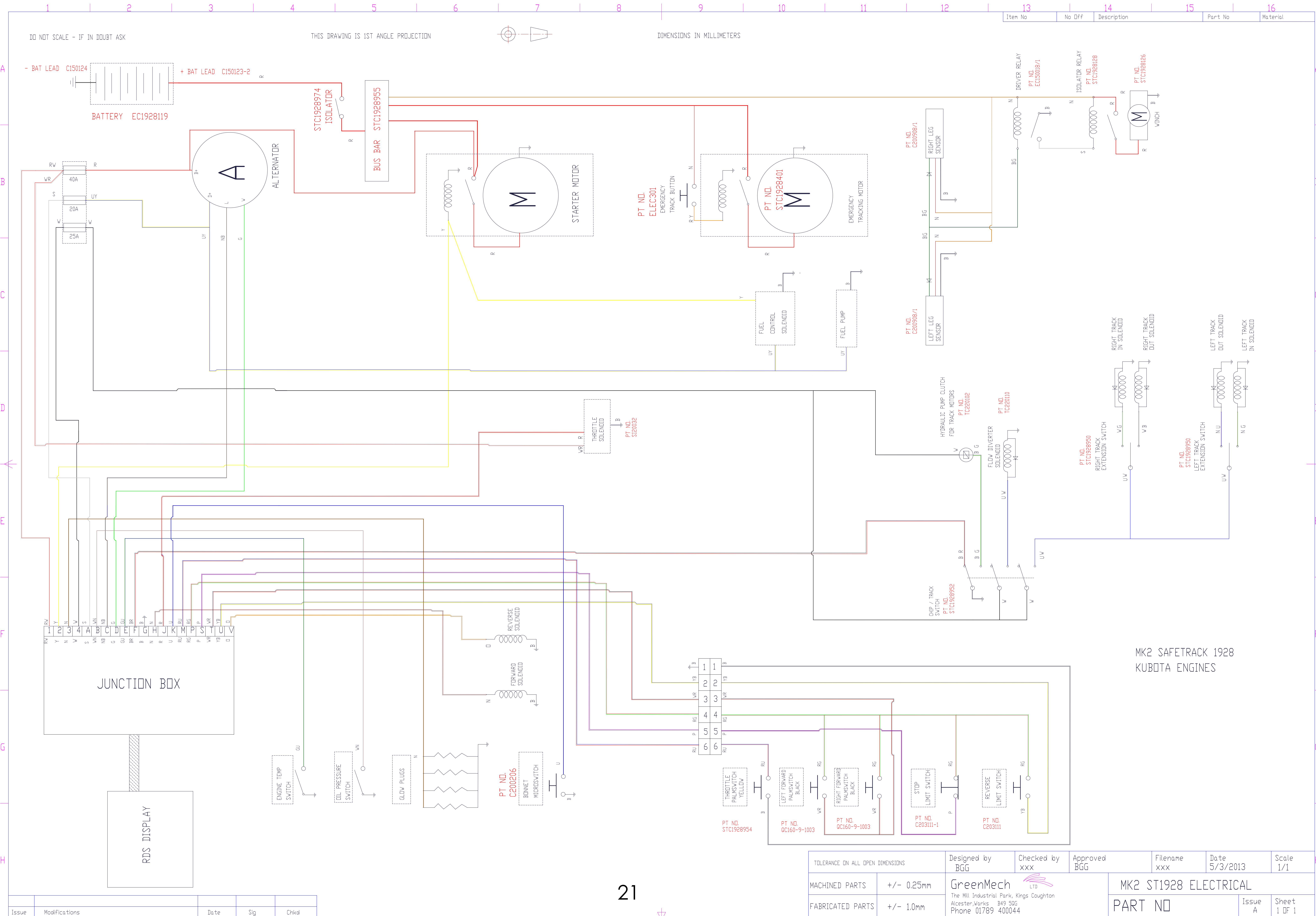
OPTIONAL EXTRA

ITEM NO.	PART NUMBER	DESCRIPTION	MK2/QTY.
1	EC150018-1	12V RELAY	1
2	ST1928128	WINCH SOLENOID	1
3	ST1928-1-99	WINCH PLATE FABRICATION	1
4	ST1928126-1	GUIDE PLATE	1
5	ST1928126	ELECTRIC WINCH	1
6	91235	HEX HD BOLT	6
7	91202	FLAT WASHER	8
8	91203	SPRING WASHER	4
9	91201	NYLOC NUT	2
10	91030	HEX HD BOLT	4
11	91002	FLAT WASHER	4
12	91003	SPRING WASHER	4
13	C200908-1	SENSOR	2
14	ST1928-1-104	SENSOR/END CAP	2





HYDRAULIC SCHEMATIC



MK2 SAFETRACK 1928
KUBOTA ENGINES

TOLERANCE ON ALL OPEN DIMENSIONS		Designed by BGG	Checked by xxx	Approved BGG	Filename xxx	Date 5/3/2013	Scale 1/1
MACHINED PARTS	+/- 0.25mm	GreenMech LTD The Mill Industrial Park, Kings Coughton Alcester, Warks. B49 50G Phone 01789 400044		MK2 ST1928 ELECTRICAL			
FABRICATED PARTS	+/- 1.0mm			PART NO		Issue A	Sheet 1 OF 1

