

Запасные части SAFE-Trak

Перечень

По вопросам продаж и поддержки обращайтесь:

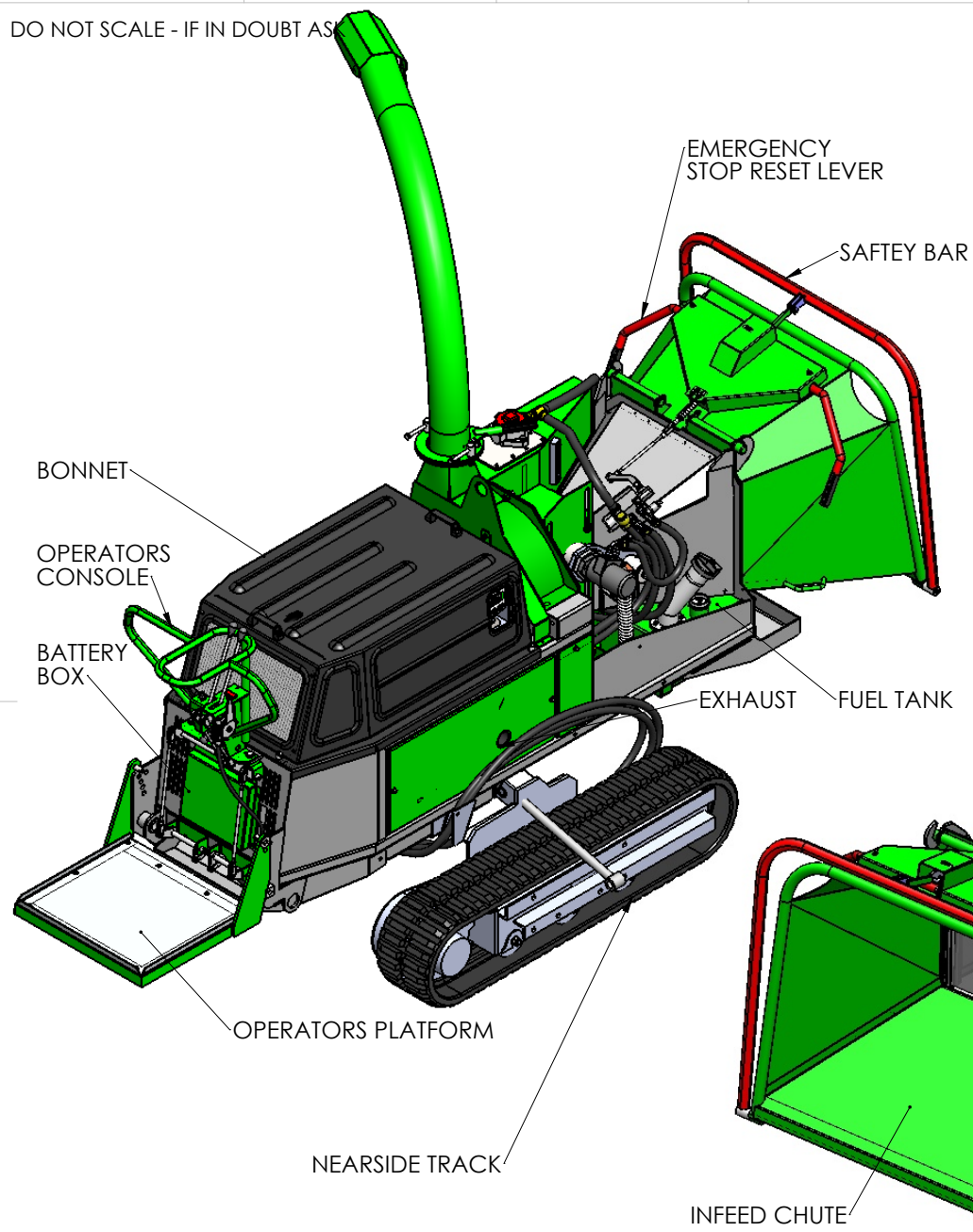
Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

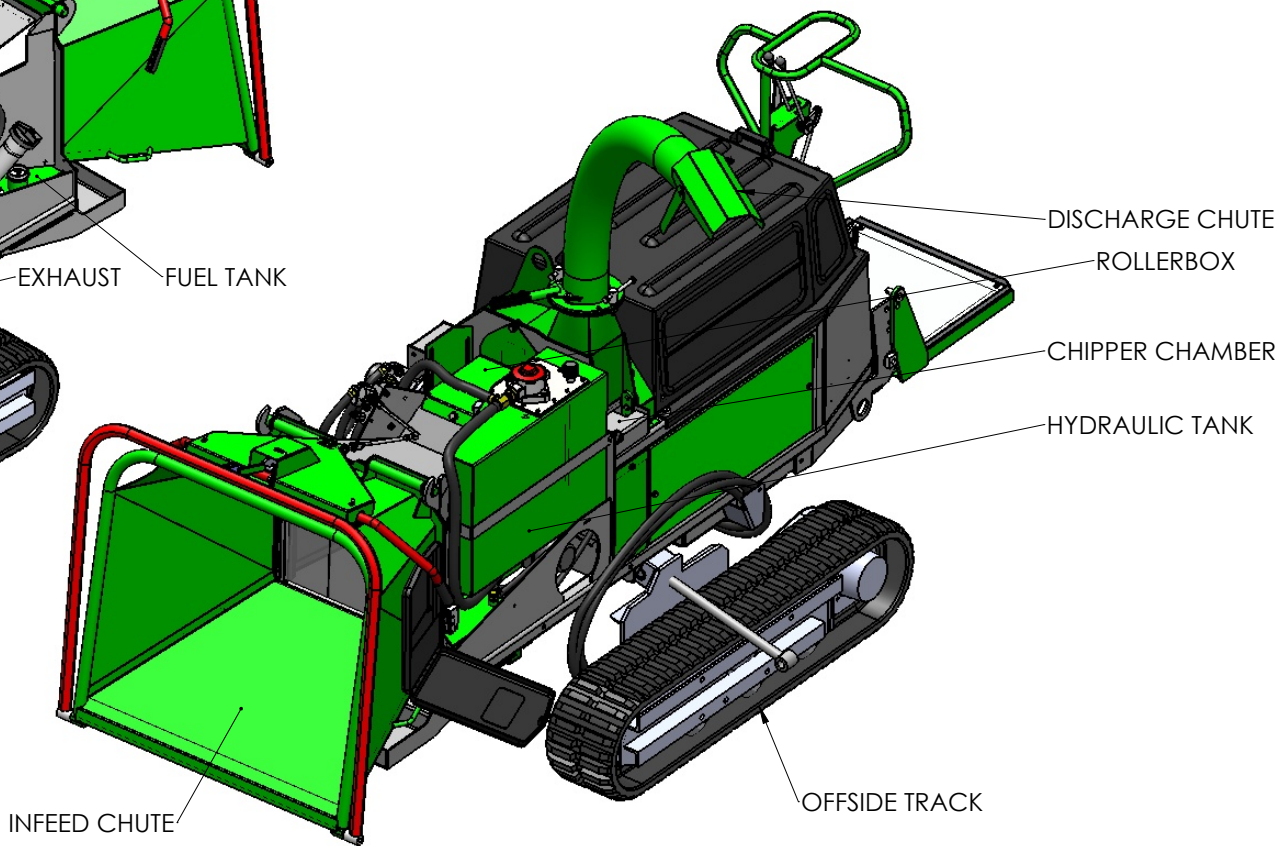
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

DO NOT SCALE - IF IN DOUBT AS



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TITLE:
1623ST MAIN ASSEM EXPLODED

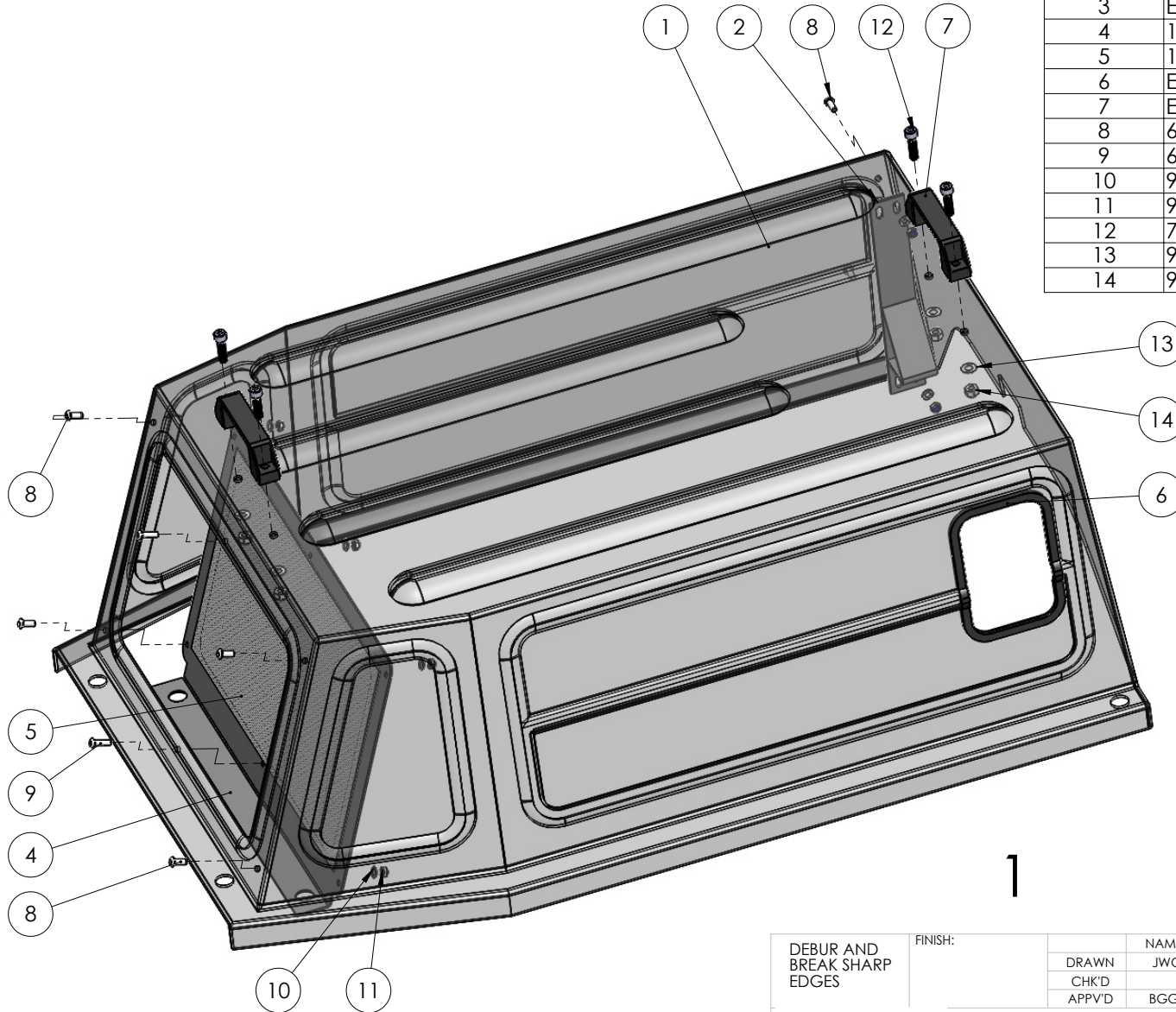
DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC151011	PLASTIC MOULD	1
2	EC35-1-57	STRIKER SWITCH PLATE	1
3	EC35-1-56	STRIKER PLATE	1
4	1623ST-1-50	FRONT SCREEN PANEL	1
5	1623ST-1-51	FRONT PANEL MESH	1
6	EDGING STRIP	TRIM	1
7	EC150012	BONNET HANDLE	2
8	60615	M6x25 Button head	6
9	60620	M6x25 Button head	2
10	90602	M6 flat washer	8
11	90601	NYLOC NUT	8
12	70830	CH BOLT	4
13	90802	FLAT WASHER	4
14	90801	NYLOC NUT	4



DEBUR AND
BREAK SHARP
EDGES

FINISH:

NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
DRAWN CHK'D APPV'D	JWG BGG	01/12/2015		MACHINED PARTS LINEAR: 0.25mm ANGULAR: 0.25°	FABRICATED PARTS LINEAR: +/- 1.0mm ANGULAR: 0.5°	1

MATERIAL & THICKNESS:

TITLE:

BONNET FAB

WEIGHT: JIG NO: DWG NO.

1623ST-1-102

A3

SCALE: 1:20

SHEET 1 OF 1

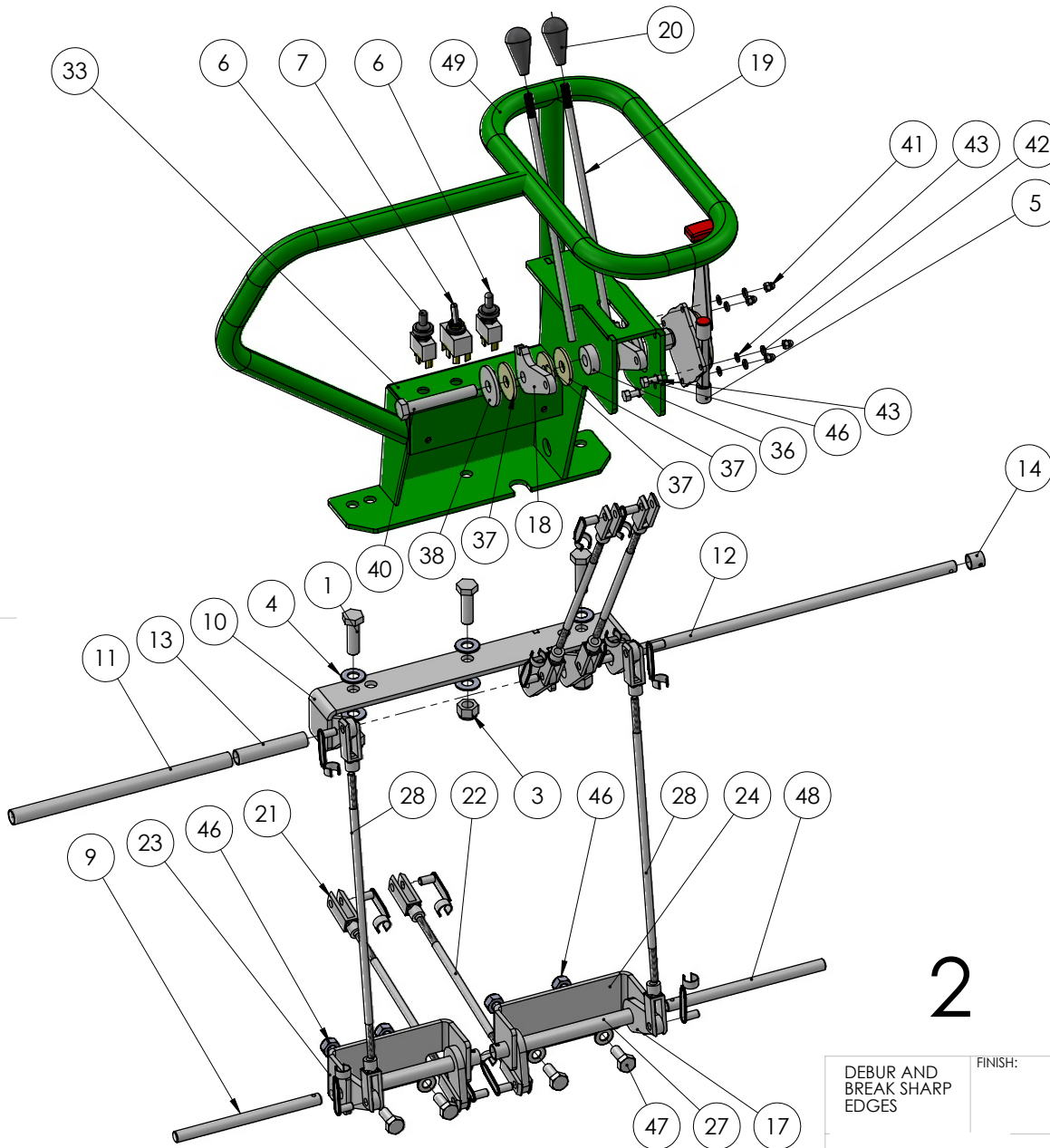
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	91240	M12 BOLT 40mm long	3
2	M6 HANK	HANKBUSH	2
3	91201	NYLOC NUT	3
4	91202	FLAT WASHER	6
5	ST20004	THROTTLE LEVER	1
6	T-I-O SWITCH	electric switch	2
7	S460714-2	TRACK/CHIP SWITCH QUADTRAK ONLY	1
9	ST1928-1-122	PIVOT PIN	1
10	ST1928-1-54	PIVOT BKT	1
11	ST1928-1-119	PIVOT TUBE	1
12	ST1928-1-120	PIVOT PIN	1
13	ST1928-1-116	PIVOT TUBE	1
14	ST1928-1-52-1	FIXING TUBE	3
15	ST1928-1-128	FIXING SPLIT PIND7	1
16	ST1928-1-54-1	SPINDLE SUPPORT	1
17	ST1928-1-59	60MM BELL CRANK	6
18	ST1928-1-62	OFFSIDE LEVER	2
19	ST1928-1-61-1	LEVER ROD	2
20	ST1928-1-127	LEVER KNOB	2
21	LONG CLEVIS	LONG CLEVIS	12
22	ST1928-1-124	TOP LINK ROD	4
23	ST1928-1-52	NS LINK BKT	1
24	ST1928-1-53	OS LINK BKT	1
25	ST1928-1-117	PIVOT TUBE	1
26	ST1928-1-60	40MM BELL CRANK	2
27	ST1928-1-118	PIVOT TUBE	1
28	ST1928-1-123	CENTRE LINK ROD	2
29	LONG CLEVIS PIN	long clevis pin	12
30	ST220-1-126	mounting plate	1
31	1623ST-1-82	THROTTLE BKT OP	1
32	ST1928-1-81	THROTTLE BKT	1
33	EC35ST-1-105	SWITCH CONSOLE	1
34	ST220-1-143	SWITCH BKT	1
36	ST1928-1-79	LEVER SPACER	2
37	91202N	M12 nylon washer	5
38	91202-R	M12 LARGE WASHER	2
39	91201	NYLOC NUT	1
40	91280	M12X80 HEX HD BOLT	1
41	90501 domed	M5 cap nut	4
42	90503	M5 S/WASHER	4
43	90502	FLAT WASHER	8
45	91002	FLAT WASHER	8
46	90620	M6 bolt 20mm long	4
46	91001	NYLOC NUT	4
47	91025	M10 X 25 SET	4
48	ST1928-1-121	PIVOT PIN	1
49	1623st-1-80	CONSOLE	1

2

DEBUR AND
BREAK SHARP
EDGES

FINISH:

NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
DRAWN JWG	01/12/2015			MACHINED PARTS	FABRICATED PARTS	1
CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
APPV'D BGG				ANGULAR: 0.25°	ANGULAR: 0.5°	

MATERIAL & THICKNESS:

TITLE:

controls exploded view 1623ST

WEIGHT:

JIG NO:

DWG NO.

controls^1623ST

A3

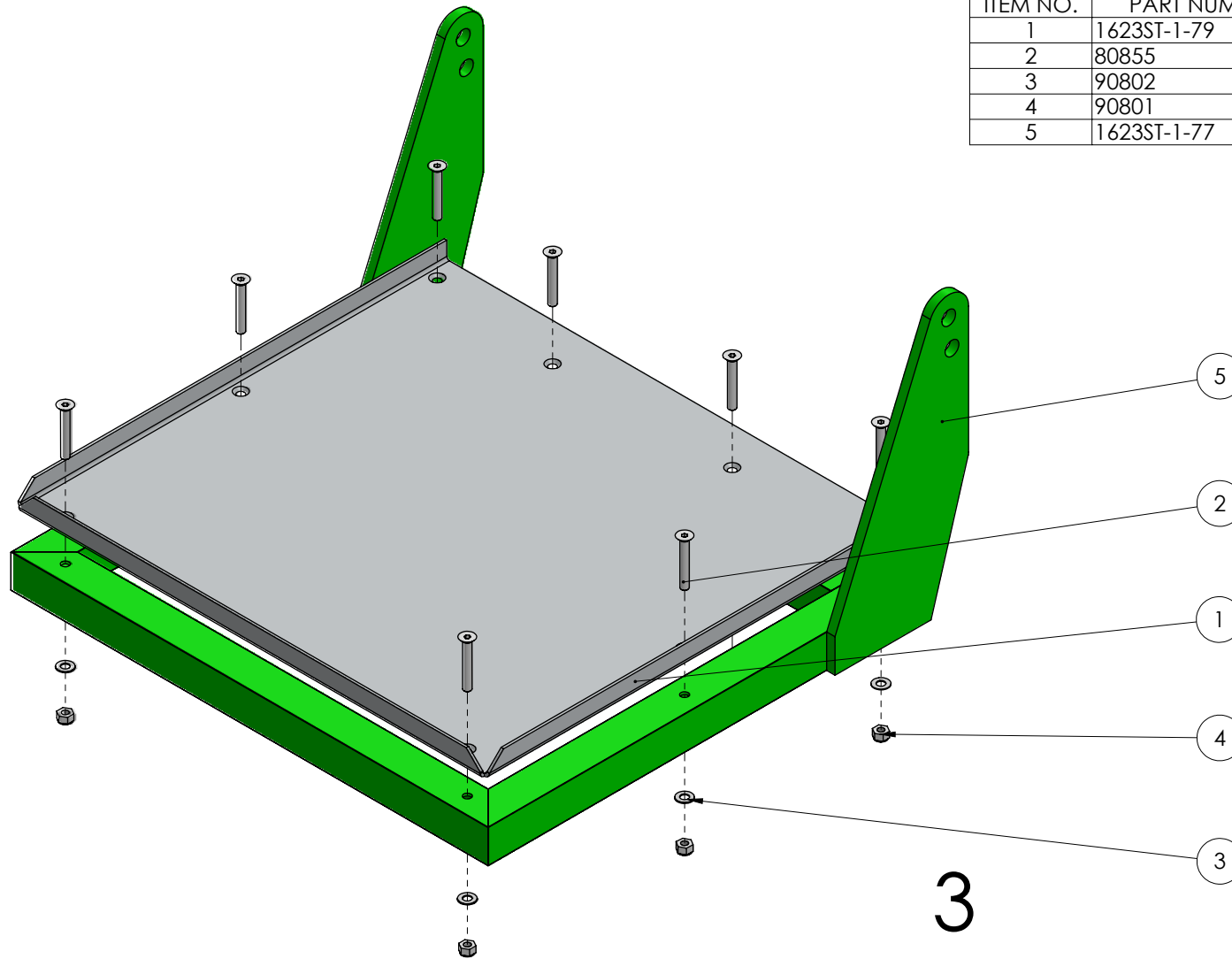
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SHEET 1 OF 1

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1623ST-1-79	PLATFORM PLATE	1
2	80855	C/S HD BOLT	8
3	90802	FLAT WASHER	8
4	90801	NYLOC NUT	8
5	1623ST-1-77	PLATFORM FAB	1



DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	30/11/2015			MACHINED PARTS	FABRICATED PARTS	
		CHK'D					LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG				ANGULAR: 0.25°	ANGULAR: 0.5°	
			MATERIAL & THICKNESS:			TITLE:			
			WEIGHT:	JIG NO:	DWG NO. 1623ST-FOOTPLATE ASSEM				A3
			g		SCALE: 1:10		SHEET 1 OF 1		

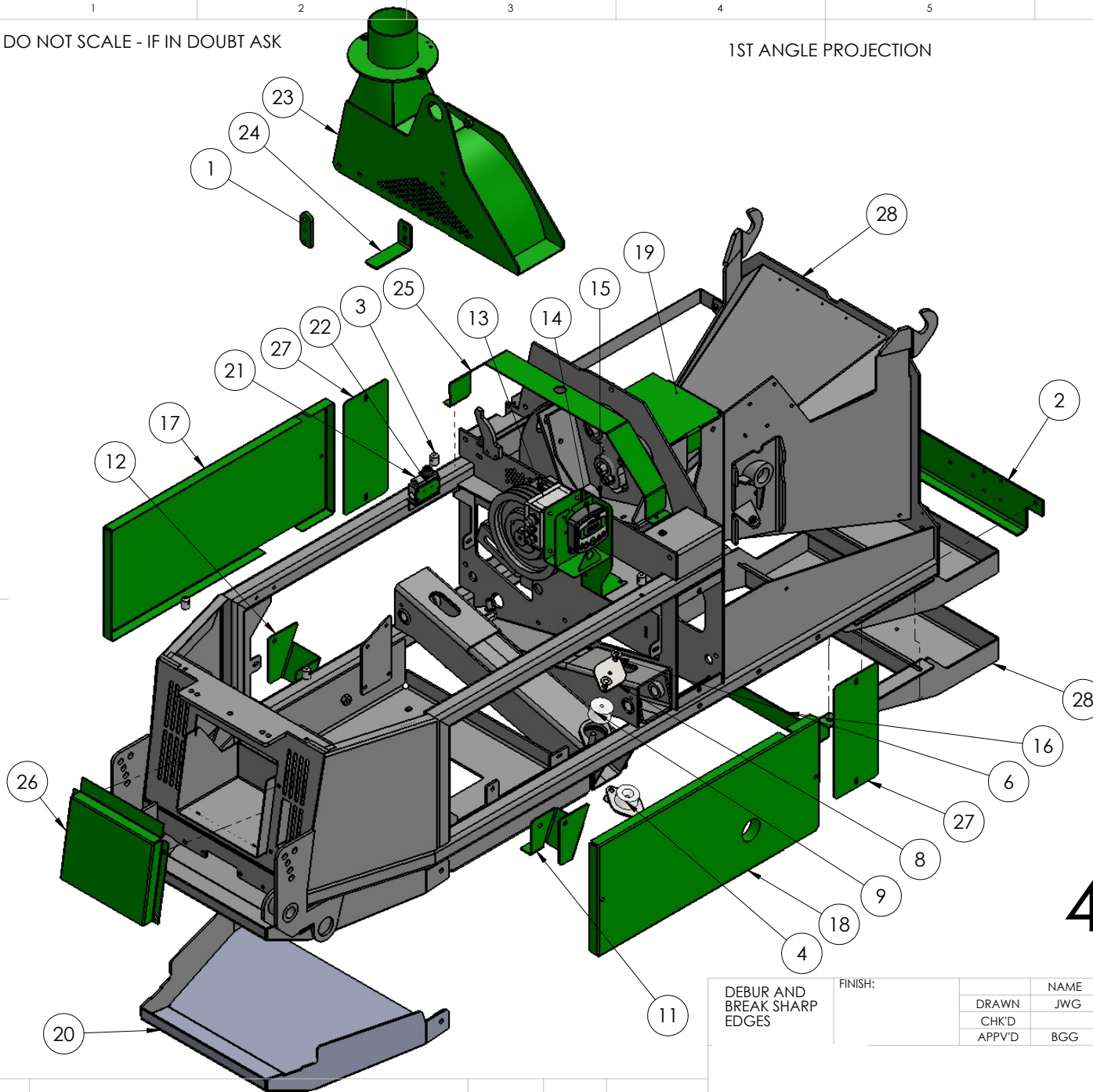
DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC35CM-2-70	C/C PIVOT	1
2	1623ST-1-53	TANK BRK WINCH HOLES	1
3	EC1928-2-80	BONNET PIN	4
4	1623ST-1-125	WEAR PAD 22MM	2
6	91202	FLAT WASHER	8
8	1623ST-1-121	WEAR PAD HOLDER	4
9	1623ST-1-123	WEAR PAD 27MM	2
11	1623ST-1-111	HOSE GUIDE	1
12	1623ST-1-111 OH	HOSE GUIDE OPP HAND	1
13	QC160-6-1040	RDS JUNCTION BOX	1
14	QC160-6-1028	RDS UNIT	1
15	1623ST-1-104	RDS BRACKET	1
16	1623ST-1-54	Fuel Tank Front Strap	1
17	1623ST-1-45	SIDE PANEL	1
18	1623ST-1-44	SIDE PANEL WITH EXHAUST	1
19	1623MT-3-10	ROLLER BOX COVER	1
20	1623ST-1-55	SUMP GUARD	1
21	C200206	MICROSWITCH	2
22	EC150037	M/SWITCH BKT	1
23	1623ST-2-20	CH CHAMBER UPPER FAB	1
24	1623ST-1-38	BONNET SUPPORT	1
25	1623ST-1-37	BONNET INFILL	1
26	1623MT-1-33	BATTERY COVER	1
27	1623ST-1-511	SIDE INFILL	2
28	chassis fab	CHASSIS FABRICATION	1



4

DEBUR AND
BREAK SHARP
EDGES

FINISH:

NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
DRAWN	JWG	04/01/2016		MACHINED PARTS	FABRICATED PARTS	1
CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	

MATERIAL & THICKNESS:

TITLE:

MAIN CHASSIS

WEIGHT: JIG NO: DWG NO.

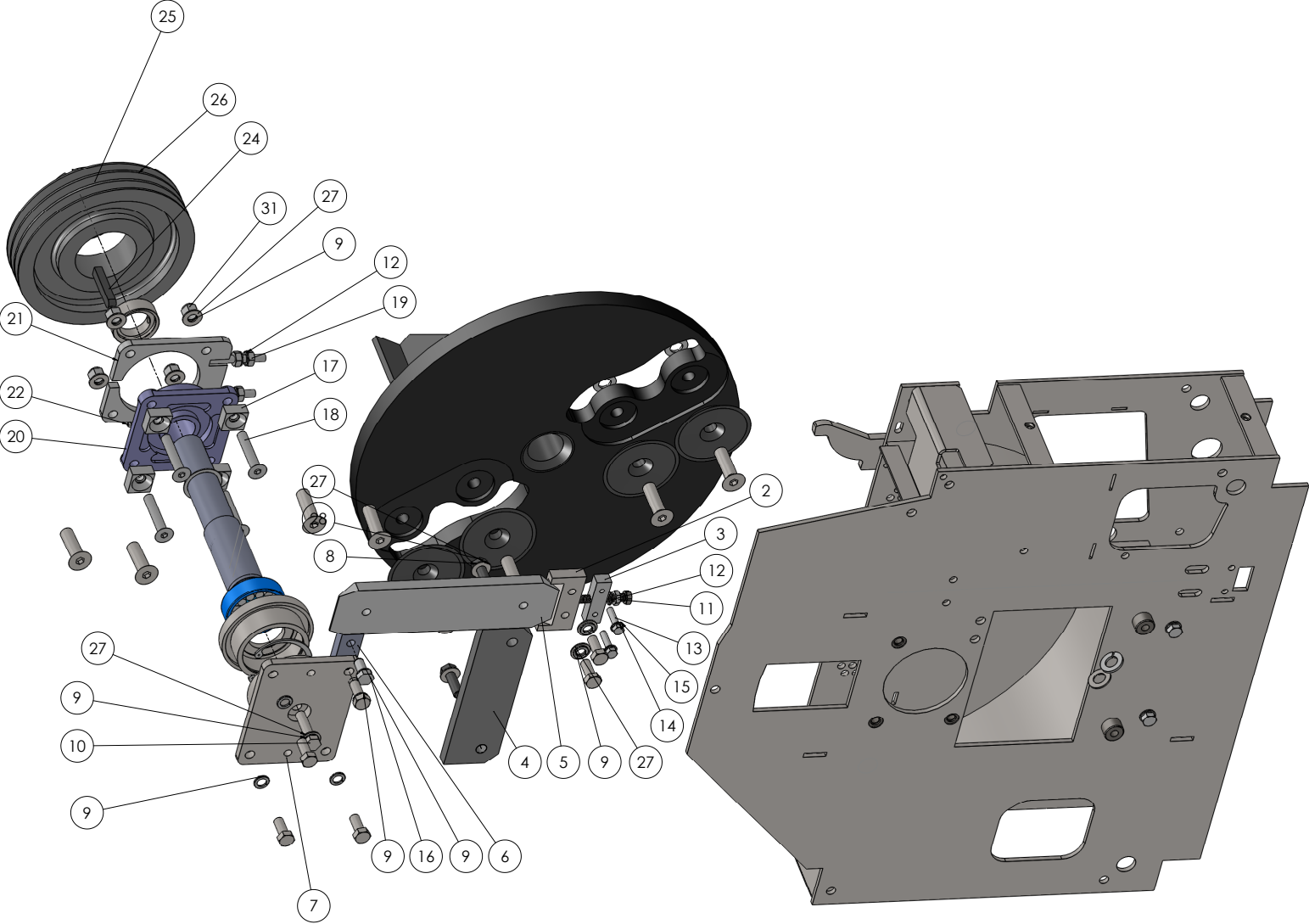
main chassis 1623ST

A3

SCALE:1:50

SHEET 1 OF 1

REV 1 MODIFICATION 2 ORIGINATOR 3 DRAWN 4 DATE 5



1	CM170-2-33	SHEARBAR POCKET	1
2	CM170-2-32	SHEARBAR CLAMP	1
3	C170-2-37	SHEARBAR LOCK	1
4	EC130-2-27	HORIZONTAL SHEARBAR	1
5	EC35-2-43	VERTICAL SHEARBAR	1
6	1623ST-2-28	TOP SEMI SHEARBAT	1
7	EC130-2-22	BEARING HOUSING	1
9	91203	SPRING WASHER	14
10	91250	HEX HEAD BOLT	1
11	91001PT	PLAIN NUT	1
12	91004	SHAKEPROOF WASHER	7
13	90835	HEX HEAD BOLT	2
14	90803	SPRING WASHER	2
15	90802	FLAT WASHER	2
16	91225 FINE	M12 X 25 X 1.25 PITCH	1
17	EC35-2-58	BEARING BOLT BLOCK	4
18	81270	C/SUNK HEAD SET	4
19	91001P	M10 plain nut	6
20	EC150002	SF40 BEARING	1
21	EC35-2-40	BEARING ADJUSTER PLATE	1
22	GNM6L	LONG M6 GREASE NIPPLE	1
23	1623ST-2-50	FLYWHEEL	1
24	K121066	KEY	1
25	EC150013	TAPERLOCK BUSH	1
26	ECM151004	TAPERLOCK PULLEY	1
27	91202	FLAT WASHER	9
28	91240	HEX HD BOLT	2
29	91230	HEX HD BOLT	6
30	91045	HEX HD BOLT	2
31	91201	NYLOC NUT	4
32	EC150028	ECO 4 CUTTER FLYWHEEL	1
33	91002	FLAT WASHER	4
34	91003	SPRING WASHER	2
35	91001	NYLOC NUT	2
36	91035	HEX HD BOLT	2
35	91065	HEX HEAD BOLT	1

5

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
			DRAWN	BGG	13/03/2015			MACHINED PARTS	FABRICATED PARTS
			CHKD					LINEAR: 0.25mm ANGULAR: 0.25°	
			APPVD	BGG				LINEAR: +/- 1.0mm ANGULAR: 0.5°	
						MATERIAL & THICKNESS:	TITLE:		
						Chipper Chamber Lower Fab			
						WEIGHT:	JIG NO:	DWG NO.	A0
						g		1623ST-2-1	
					SCALE:1:10			SHEET 1 OF 1	

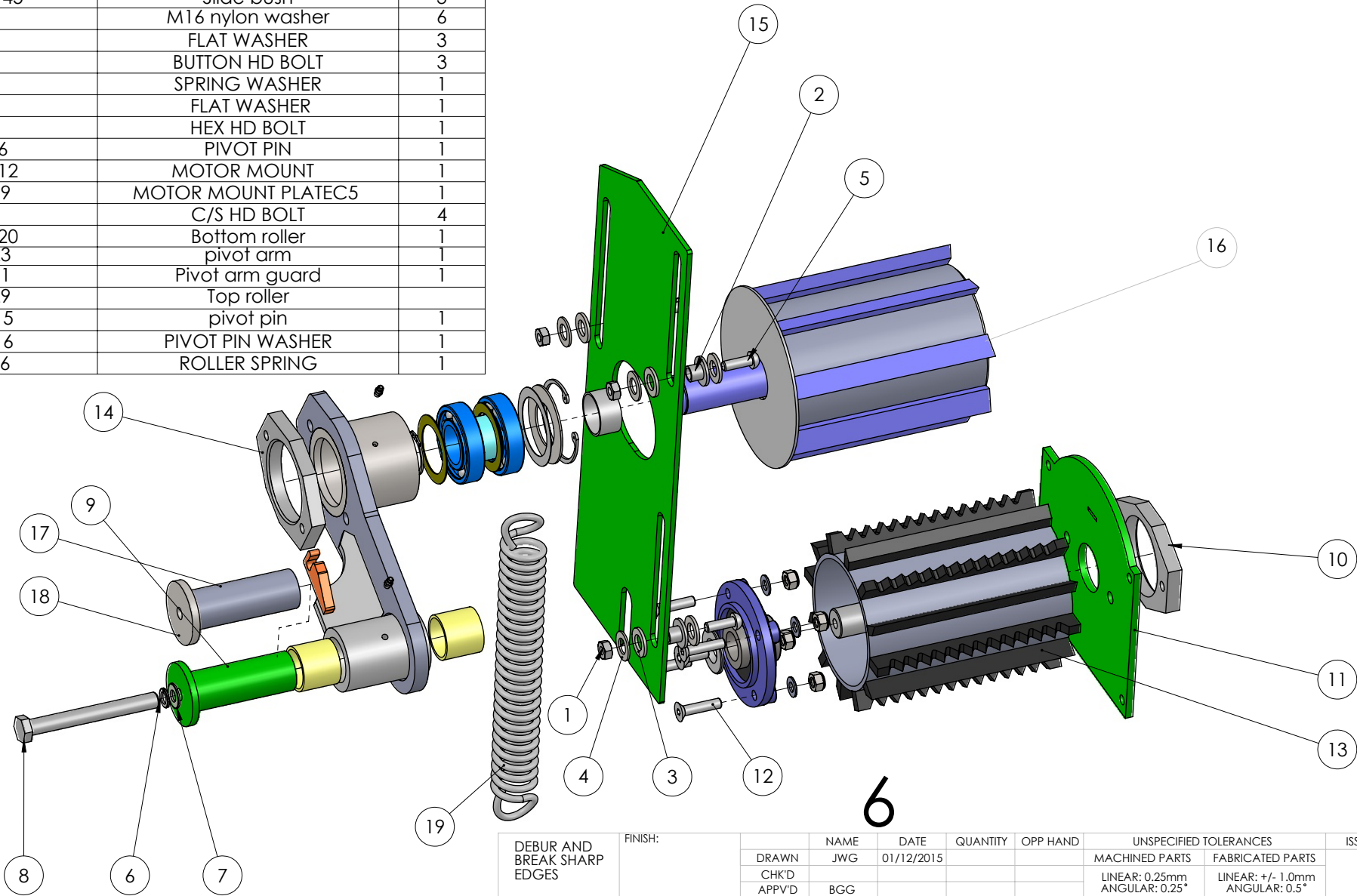
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	91001	M10 plain nut	3
2	CM170-3-45	Slide bush	3
3	91602B	M16 nylon washer	6
4	91602B	FLAT WASHER	3
5	61030	BUTTON HD BOLT	3
6	91203	SPRING WASHER	1
7	91202	FLAT WASHER	1
8	912140	HEX HD BOLT	1
9	ec1500306	PIVOT PIN	1
10	CM170-3-12	MOTOR MOUNT	1
11	EC130-3-19	MOTOR MOUNT PLATEC5	1
12	81045CS	C/S HD BOLT	4
13	CM220-3-20	Bottom roller	1
14	EC130-3-23	pivot arm	1
15	EC130-3-11	Pivot arm guard	1
16	EC130-3-29	Top roller	
17	1623ST-3-15	pivot pin	1
18	1623ST-3-16	PIVOT PIN WASHER	1
19	ec130-3-46	ROLLER SPRING	1

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



DEBUR AND
BREAK SHARP
EDGES

FINISH:

NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
DRAWN	JWG	01/12/2015		MACHINED PARTS	FABRICATED PARTS	1
CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	

MATERIAL & THICKNESS:

TITLE:

1623ST ROLLERBOX ASSEM

WEIGHT: JIG NO:

DWG NO:

1623ST ROLLERBOX ASSEM

A3

SCALE:1:10

SHEET 1 OF 1

REV 1 MODIFICATION 2 ORIGINATOR 3 DRAWN DATE 4

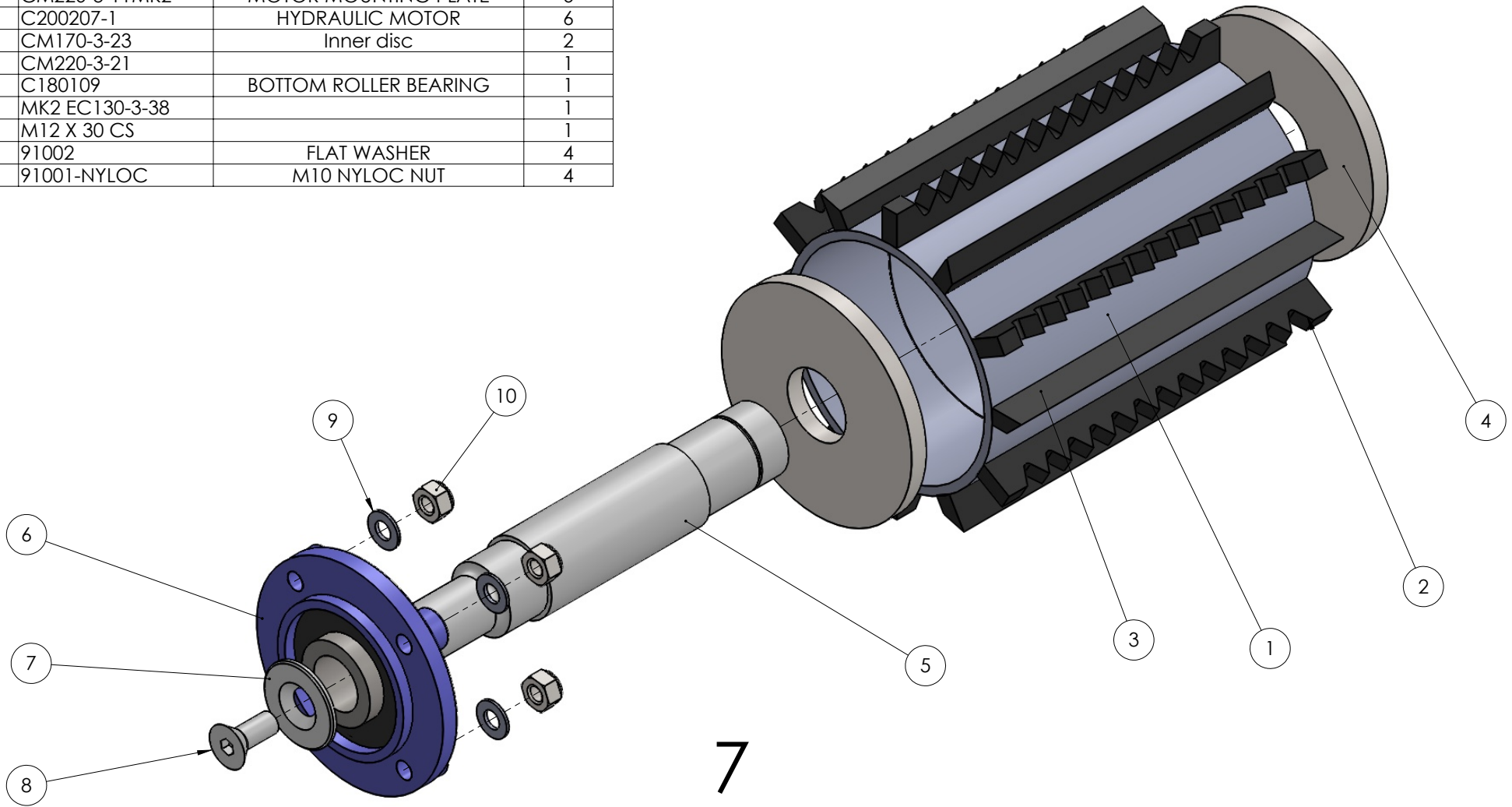
DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-3-20 MK2	BOTTOM ROLLER MK2	1
2	CM220-3-11MK2	MOTOR MOUNTING PLATE	6
3	C200207-1	HYDRAULIC MOTOR	6
4	CM170-3-23	Inner disc	2
5	CM220-3-21		1
6	C180109	BOTTOM ROLLER BEARING	1
7	MK2 EC130-3-38		1
8	M12 X 30 CS		1
9	91002	FLAT WASHER	4
10	91001-NYLOC	M10 NYLOC NUT	4



DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	01/12/2015			MACHINED PARTS	FABRICATED PARTS	
		CHK'D					LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°		
			MATERIAL & THICKNESS:		TITLE: Bottom roller				
			WEIGHT:	JIG NO:	DWG NO. bottom roller				A3
			g		SCALE:1:10				SHEET 1 OF 1
4	5		6		7		8		

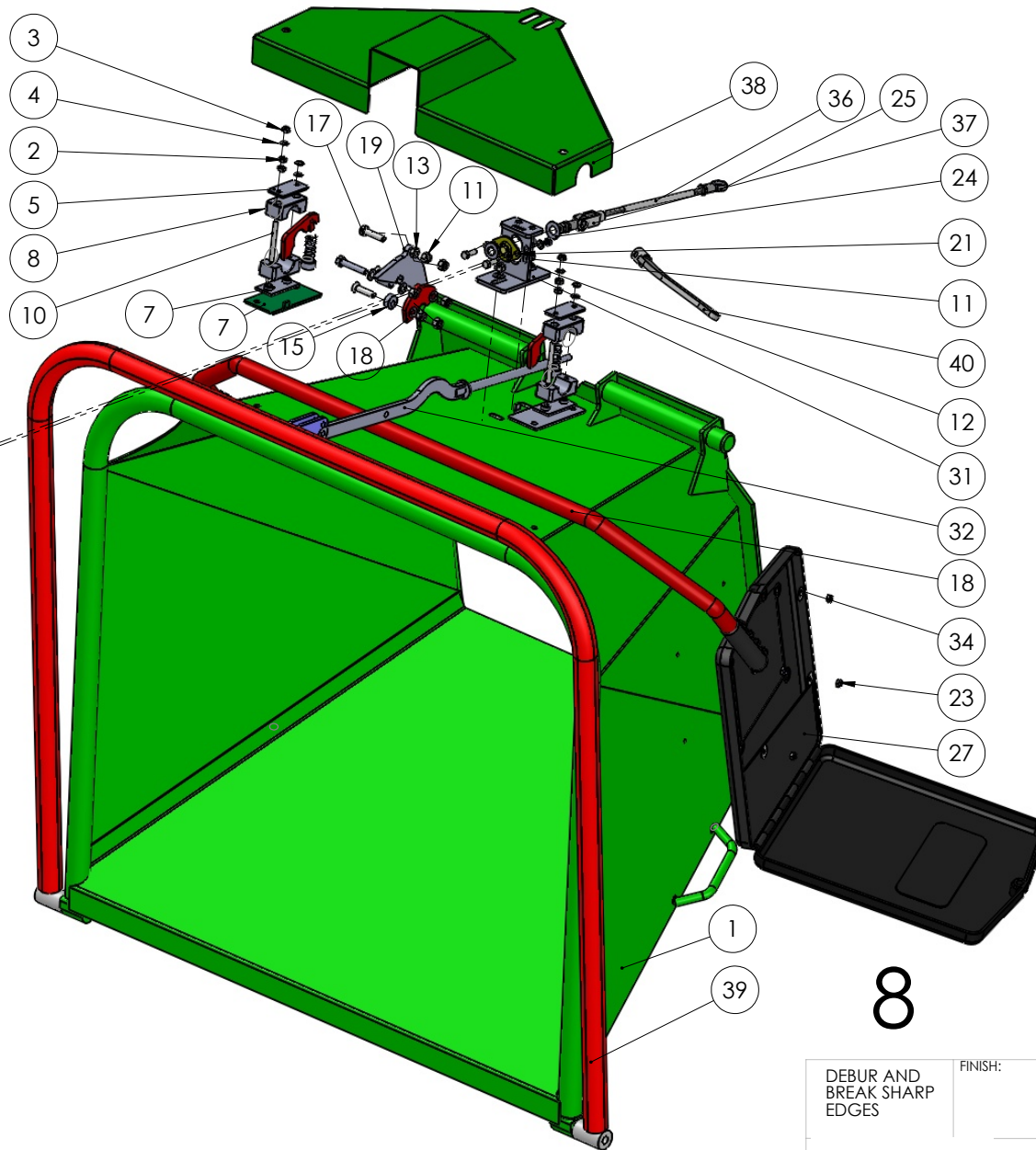
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1623ST-4-1	INFEED CHUTE FAB	1
2	90601-p	M6 plain nut	4
3	90601	M6 NYLOC NUT	2
4	90602	FLAT WASHER	4
5	EC130-4-37	Top plate	2
6	EC130-4-18L	MOUNTING PLATE L	1
7	EC130-4-18R	MOUNTING PLATE R	1
8	EC130-4-30	Release bar bearing	4
9	EC130-4-32	Release bar spring	2
10	90665STUD	M6 65mm STUD	2
11	90601	M6 NYLOC	8
12	90802	FLAT WASHER	6
13	90801P	M8 PLAIN NUT	2
14	80825	M8 x 25mm C/SUNK	1
15	EC130-4-43	Cam	1
16	80835	C/S HD BOLT	1
17	90835	HEX HEAD BOLT	1
18	EC130-4-13	RELEASE BARD6	1
19	EC130-4-20	Latch plate	1
20	EC130-4-29	SPACERD6	1
21	EC1523451	SWIVEL BALL ASSEM	1
22	90620	M6 bolt 20mm long	2
23	90601	NYLOC NUT	6
24	91202	FLAT WASHER	3
25	C25222	M8 Rose joint	2
27	C170409	PLASTIC DOCUMENT CASE	1
28	90840	M8 x 40 bolt	1
29	90602	M6 flat washer	4
30	60820	BUTTON HD BOLT	2
31	EC130-4-48	MK2 Slide rod mount	1
32	EC130-4-25A	SLIDE ROD FAB	1
33	90603	M6 S/WASHER	2
34	90602	M6 x 25mm WASHER	4
35	60615	M6x25 Button head	4
36	ST1928-1-124	TOP LINK ROD	1
37	LONG CLEVIS	LONG CLEVIS	1
38	EC130-4-40F	COVER	1
39	1623ST-4-10	CONTROL BAR	1
40	EC130-4-06-1	VALVE LEVER FAB	1

DEBUR AND
BREAK SHARP
EDGES

FINISH:

NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
DRAWN	JWG	02/12/2015		MACHINED PARTS	FABRICATED PARTS	1
CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
APP'VD	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	

MATERIAL & THICKNESS:

TITLE:

INFEED EXPLODED ASSEM 1623ST

WEIGHT: JIG NO:

DWG NO:

infeed chute^1623ST

A3

SCALE:1:20

SHEET 1 OF 1

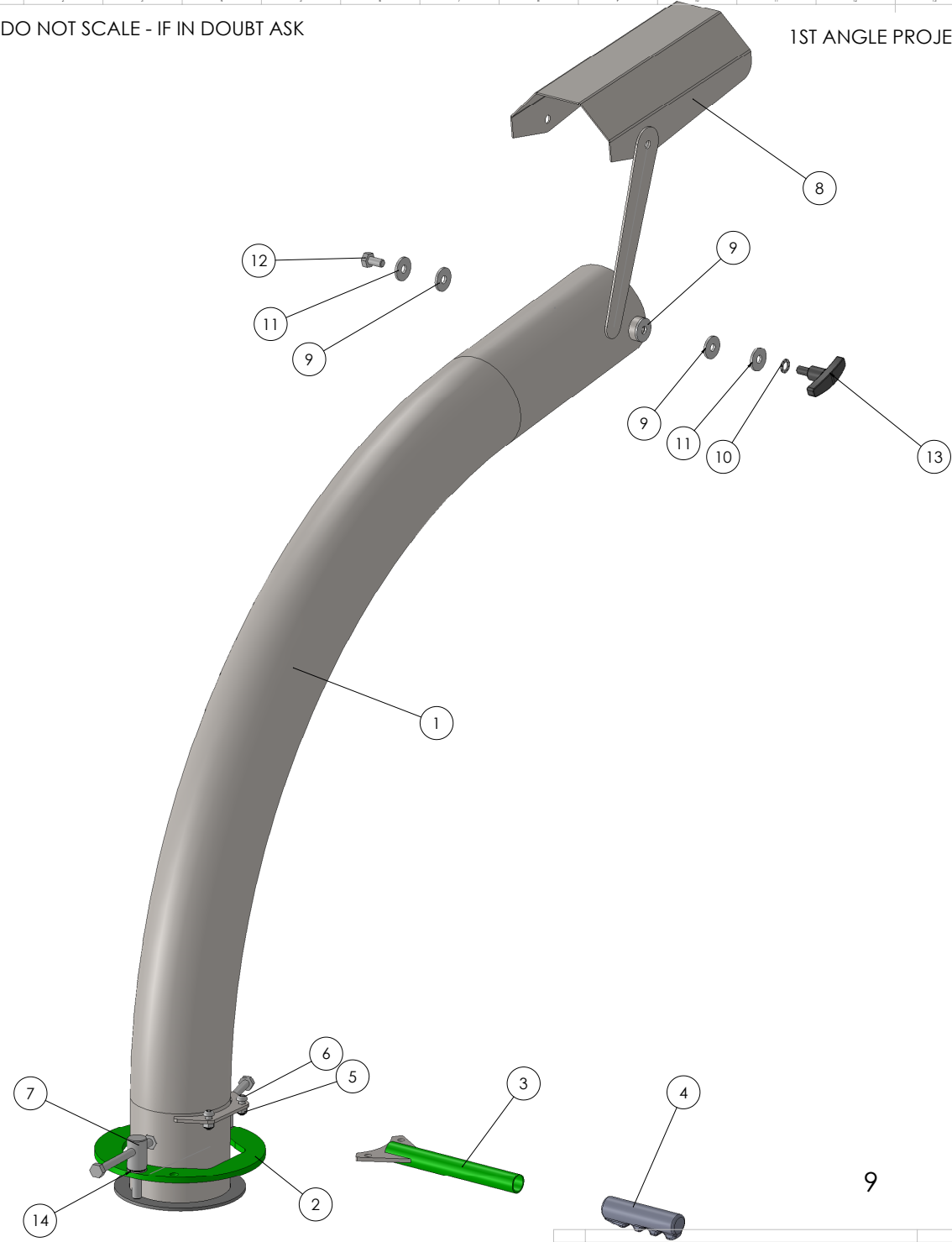
REV 1 MODIFICATION 2 ORIGINATOR 3 DRAWN DATE 4

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

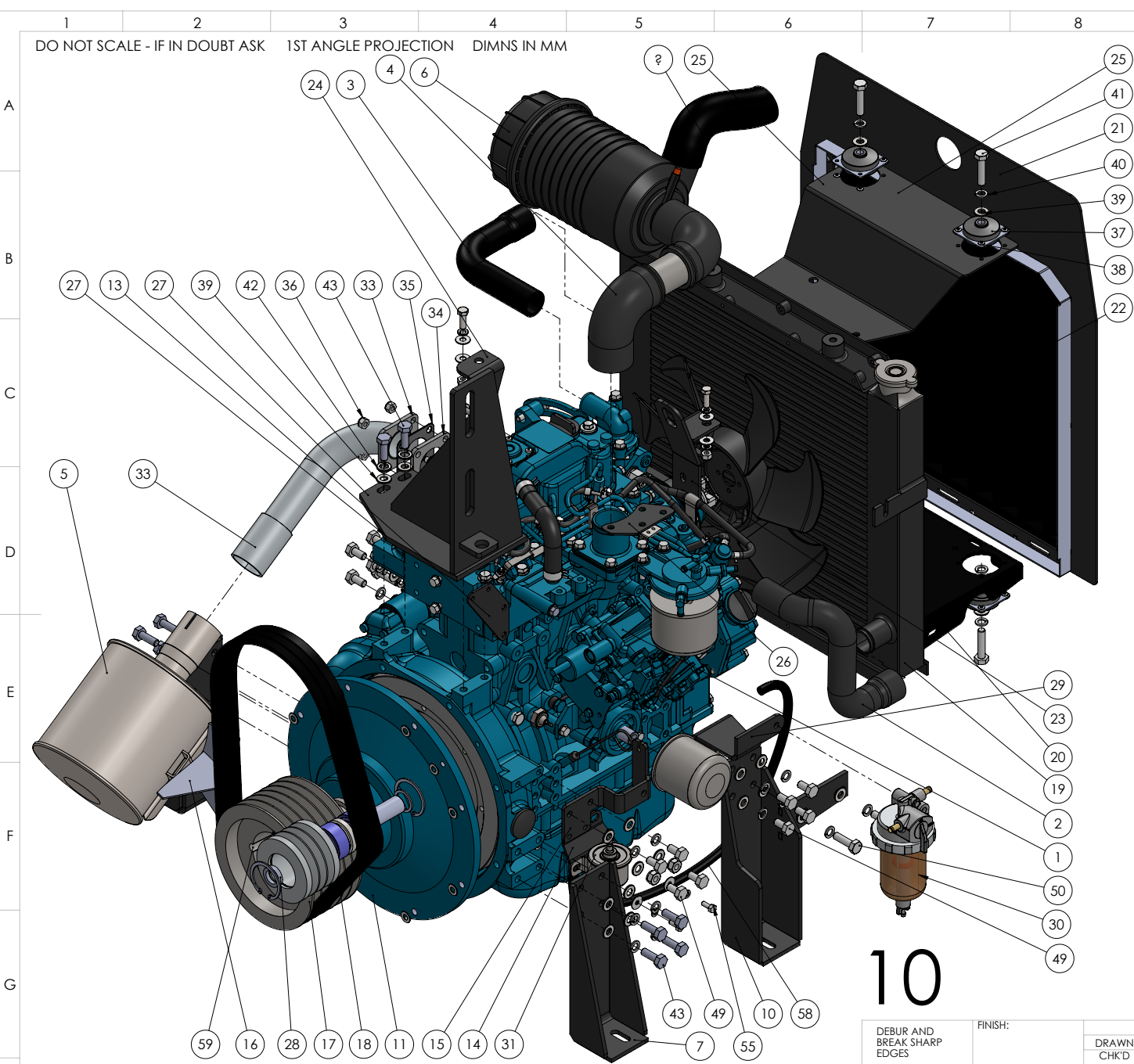


ITEM NO.	PART NUMBER	NEW PART NUMBER	Description	QTY.
1	EC15005-1-F	102050020	DISCHARGE CHUTE FAB	1
2	ARB150-5-04	302050005	DISCHARGE CLAMP RING	1
3	ARB150-5-05	302050006	CHUTE HANDLE ASSY	1
4	9227	900900303	PLASTIC HANDLE	1
5	90801	90801	M8 Nyloc nut	2
6	60820	60820	BUTTON HD BOLT	2
7	C200613	104020010	CLAMP BOLTS	2
8	ARB150-5-03	3020500004	FLAP FABRICATION	1
9	91002-N	91002-N	NYLON WASHER	4
10	91004	91004	SHAKEPROOF WASHER	1
11	91002-R	91002-R	LARGE WASHER	2
12	91020	91020	HEX HD BOLT	1
13	C180104	900900302	TEE HANDLE	1
14	91202	91202	FLAT WASHER	2

9

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.	
			DRAWN	BGG	12/01/2016			MACHINED PARTS		FABRICATED PARTS
			CHKD				LINEAR: 0.25mm	LINEAR: +/- 1.0mm		
		APPYD	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°			
				MATERIAL & THICKNESS:			TITLE:			
						1623ST DISCHARGE CHUTE				
			WEIGHT:	JIG NO:	DWG NO.			A0		
			9		EC15005-1-F 1623ST					
						SCALE:1:10			SHEET 1 OF 1	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3ce1-bdzp5	3CEI ENGINE	1
2	EC35-6-66	RADIATOR PIPE	1
3	EC35-6-65	RADIATOR PIPE	1
4	SI20002	AIR FILTER PIPE ASSEM	1
5	1623ST-6-12	SILENCER	1
6	SI20003-2	AIR FILTER ELEMENT	1
7	1623ST-6-6 OFFSIDE	BACK OFFSIDE ENGINE MOUNT	1
8	1623ST-6-6 NEAR	BACK NEAR SIDE ENGINE MOUNT	1
9	1623ST-6-2 NEAR SIDE	FRONT NEAR SIDE ENGINE MOUNT	1
10	1623ST-6-2 OFFSIDE	FRONT OFFSIDE ENGINE MOUNT	1
11	EC151053 ref	DRIVESHAFT EXTENSION	1
12	ec35-6-64	SPACER	1
13	ec35-6-63	BKT	1
14	EC130-6-88	FUEL PUMP BKT	1
15	EC35-6-58MK2	THROTTLE CABLE BKT	1
17	STC1623103	6 GROOVE PULLEY	1
18	ECM151005	BELT	3
19	EC151053	RADIATOR UNIT	1
20	ec35-6-45	RADIATOR MOUNT PLATE	1
21	1623MT-1-60	COLD COMPARTMENT	1
22	CM170-1-83	RAD SCREEN	1
23	ec35-6-60	AIR FILTER MOUNT BKT 1	1
24	EC35-6-59	AIR FILTER MOUNT BKT2	1
25	ec35-6-44	AIR FILTER MOUNT PLATE	1
26	1623ST-6-21	FUEL FILTER MOUNTING BKT	1
27	1623ST-7-12	PUMP MOUNTING BKT	1
28	EC35-6-42 MK2	TENSIONER PULLEY	1
29	1623ST-6-22	FUEL DRAIN BKT	1
30	fuel filter transparent	FUEL FILTER	1
31	Fuel pump	Kubota V2203	1
33	1623ST-6-9	EXHAUST ASSEM	1
34	1623ST-6-9-1	EXHAUST FLANGE	1
35	exhaust gasket	EXHAUST GASKET	2
36	90801	NYLOC NUT	10
37	SI-20015	LOWER RAD MOUNT	4
39	91002	FLAT WASHER	36
40	91003	SPRING WASHER	33
41	91045	HEX HD BOLT	4
42	91203	SPRING WASHER	4
43	91030	HEX HD BOLT	12
44	90820	HEX HD BOLT	2
45	90803	M8 SPRING WASHER	6
46	90802	FLAT WASHER	12
47	90802-c	LARGE WASHER	4
48	90825	HEX HD BOLT	2
49	91020	HEX HD BOLT	12
50	91035	HEX HD BOLT	4
51	91001	M10 plain nut	2
52	90602	M6 flat washer	2
53	90603	M6 S/WASHER	2
54	90601	NYLOC NUT	2
55	90616	M6 BOLT 16mm LONG	2
56	C253224	TAPER LOCK	1
57	MK2 1928-6-27	PUMP MOUNT	1
58	Part1\1623ST-6-1	FUEL PIPE	1
59	COLD AIR PIPE		1
60	90602	M6 x 25mm WASHER	2

10

DEBUR AND BREAK SHARP EDGES

FINISH:

NAME

DATE

QUANTITY

OPP HAND

UNSPECIFIED TOLERANCES

ISSUE NO.

DRAWN

CHK'D

APPV'D

JWG

BGG

02/12/2015

MACHINED PARTS

FABRICATED PARTS

LINEAR: 0.25mm

ANGULAR: 0.25°

LINEAR: +/- 1.0mm

ANGULAR: 0.5°

1

MATERIAL & THICKNESS:

TITLE:

1623ST ENGINE ASSEM

WEIGHT:

JIG NO:

DWG NO.

1623ST-6-1

A2

SCALE:1:20

SHEET 1 OF 1

REV

1

2

3

4

5

6

7

8

9

10

11

12

MODIFICATION

ORIGINATOR

DRAWN

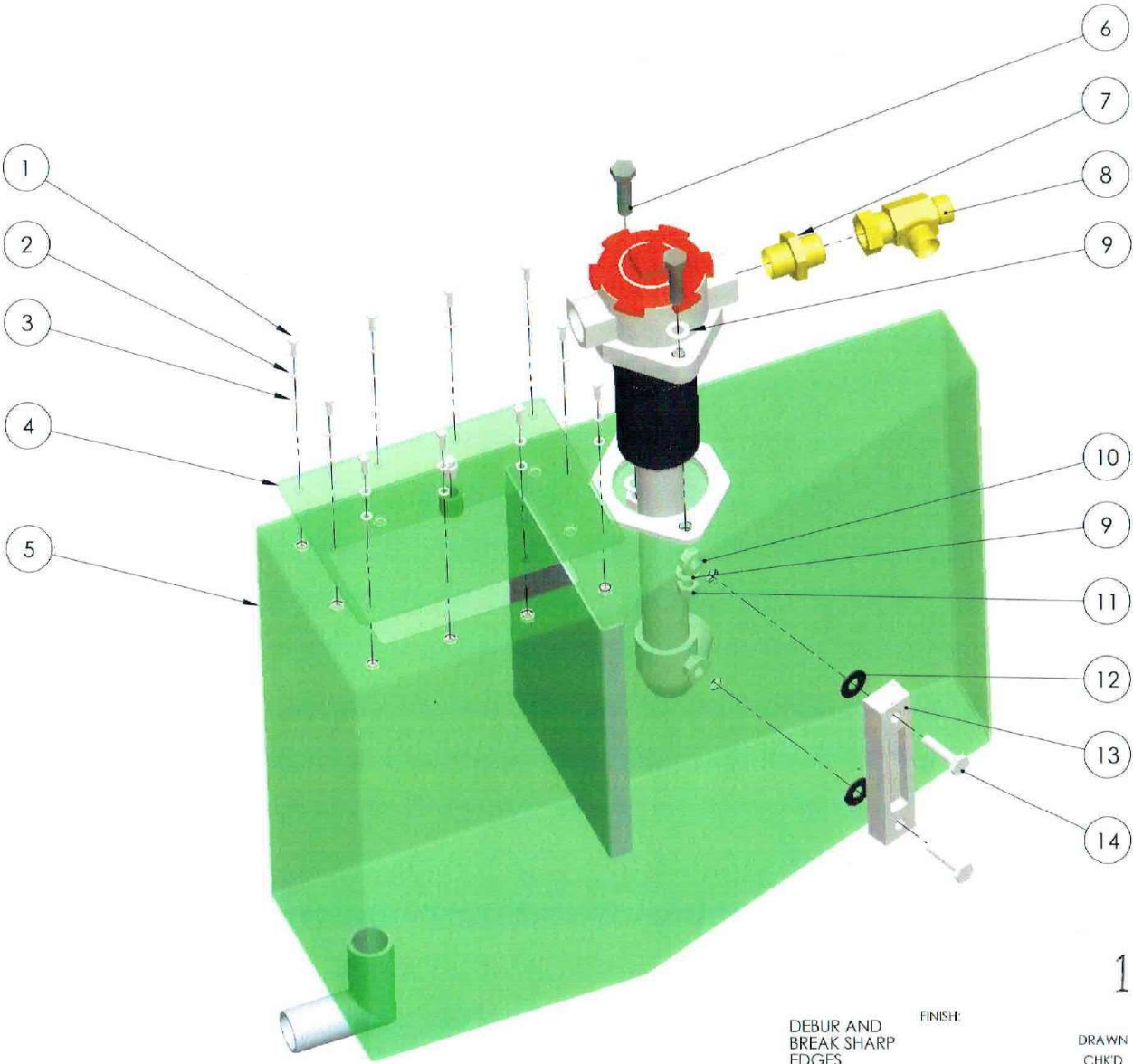
DATE

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



number	part number	quantity	description
1	90616	10	M6 BOLT 16 LONG
2	90603	10	M6 SPRING WASHER
3	90602	10	M6 WASHER
4	ST1928-1-44	1	ACCESS PLATE
5	1623ST-7-1	1	TANK ASSEM
6	91045	2	M10 BOLT 45 LONG
7	1MM	1	HYD FITTING
8	3-4 MMF TEE	1	HYD FITTING
9	91002	4	M10 WASHER
10	FLANGE NUT	2	FLANGE NUT
11	91001	2	M10 LOCK NUT
12	RUBBER WASHER	2	RUBBER WASHER
13	C5351650	1	LEVEL GAUGE
14	HOLLOW BOLT	2	HOLLOW BOLT

11

DEBUR AND
BREAK SHARP
EDGES

FINISH:

NAME
JWG
DATE
26/11/2015
QUANTITY
1
OPP HAND
BGG

UNSPECIFIED TOLERANCES		ISSUE NO.
MACHINED PARTS	FABRICATED PARTS	
LINEAR: 0.25mm ANGULAR: 0.25°	LINEAR: +/- 1.0mm ANGULAR: 0.5°	1

MATERIAL & THICKNESS: TITLE:

HYDRAULIC TANK FULL ASSEM

WEIGHT:	JIG NO:	DWG NO.	SHEET 1 OF 1
g		1623ST hydraulic tank full assem full assem	

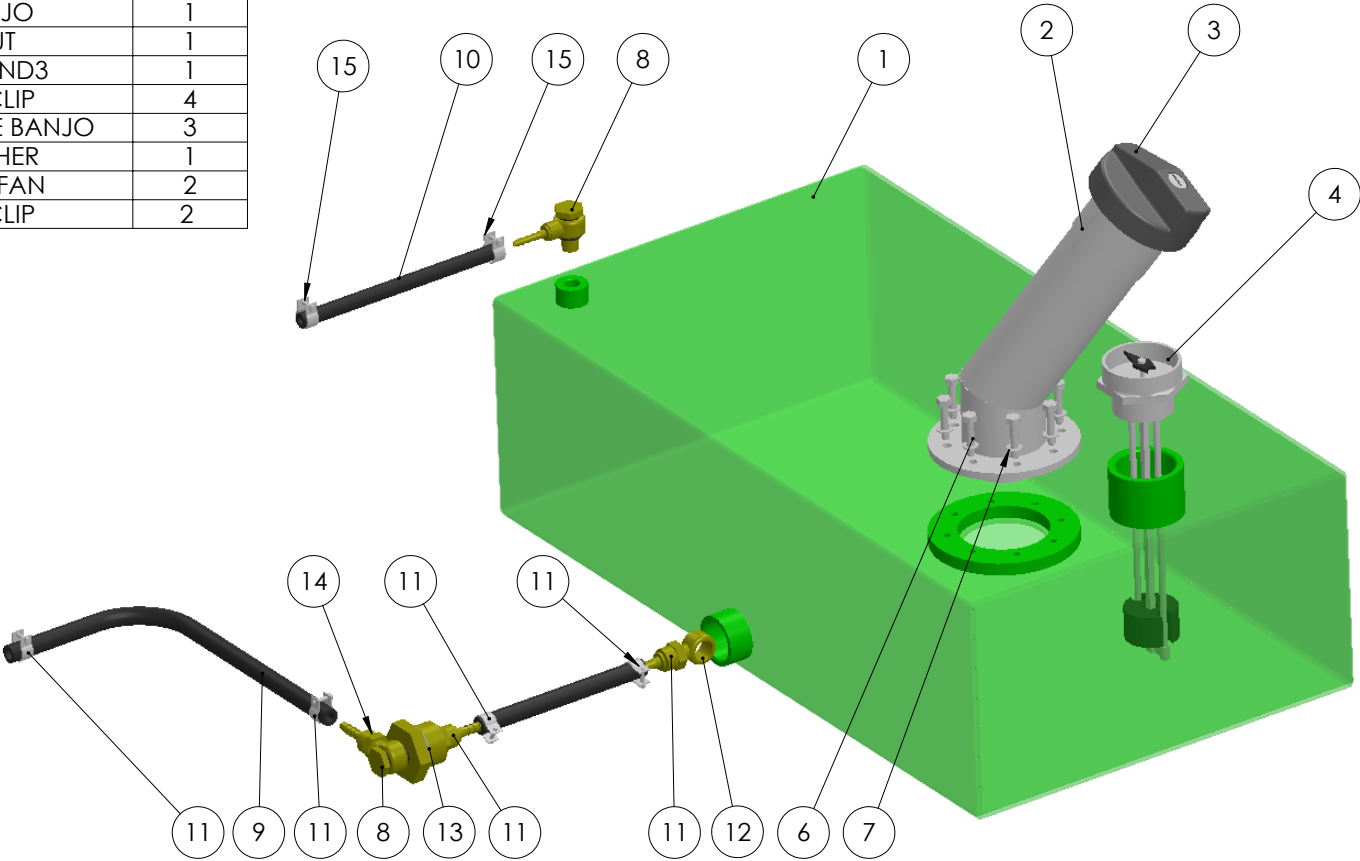
REV
MODIFICATION
ORIGINATOR
DRAWN
DATE

DO NOT SCALE - IF IN DOUBT ASK			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1623ST-6-15	fuel tank fab	1
2	EC1928-1-97A	FILLER PIPE FAB	1
3	STC1928-109	FILLER CAP	1
4	STC1928-122	LEVEL GAUGE	1
6	90630	HEX HD BOLT	8
7	90602	M6 flat washer	8
8	MWS2-04	1-4"X1-4" BANJO	1
9	FP1623-1	FUEL PIPE OUT	1
10	FP1623-2	FUEL PIPE RETURN3	1
11	5-15HC	14MM HOSE CLIP	4
12	BJA-04-04	1-4" HOLLOW MALE BANJO	3
13	DSC-400-830	BONDED WASHER	1
14	KW11-05-04	1-4" HOSE TAIL FAN	2
15	ECM15044/4	12MM HOSE CLIP	2

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

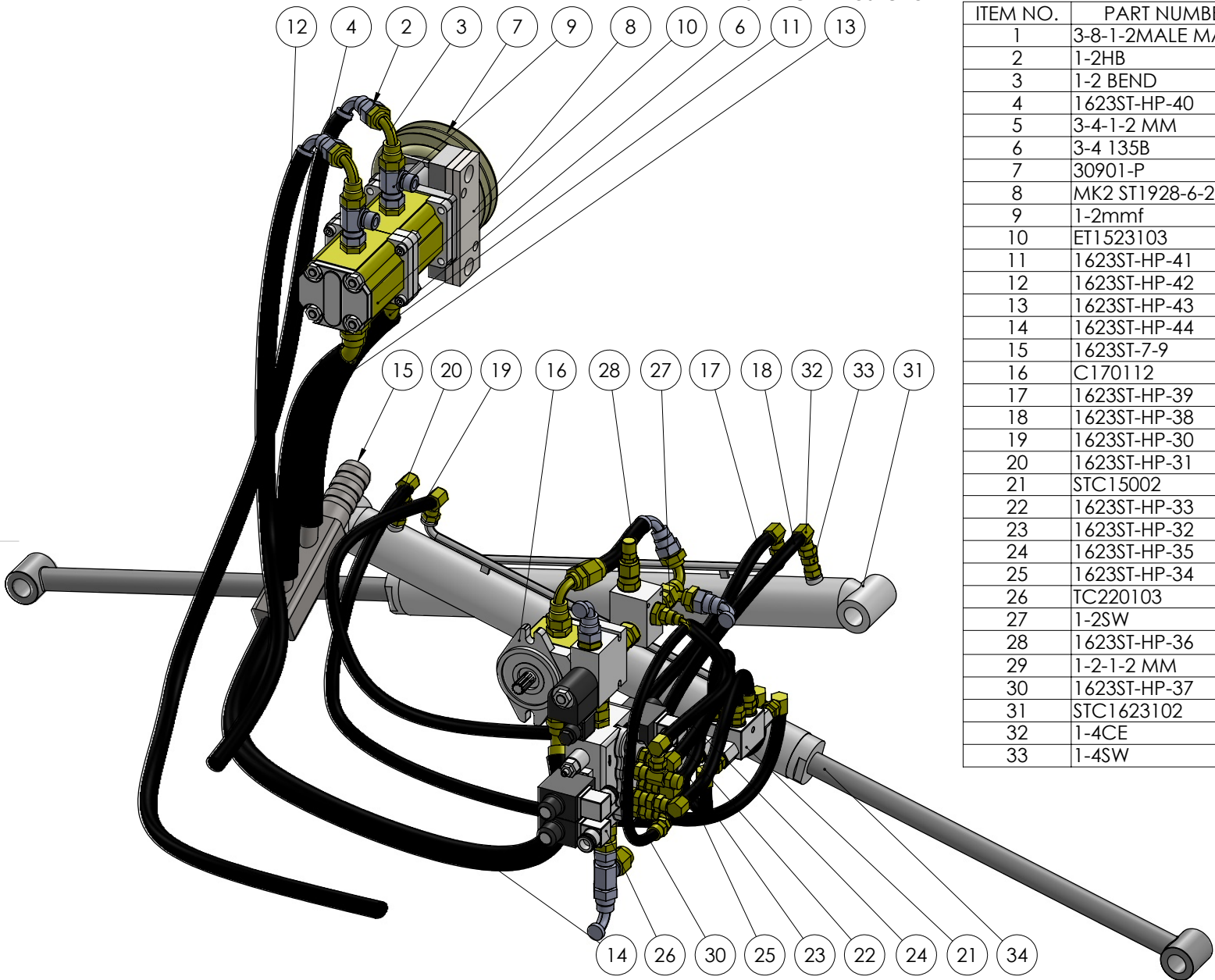


12

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	16/12/2015	1		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D					LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG				ANGULAR: 0.25°	ANGULAR: 0.5°	
				MATERIAL & THICKNESS:	TITLE: 1623ST FUEL TANK EXPLODED VIEW				
				WEIGHT:	JIG NO:	DWG NO. 1623fuel tank assem			A3
						SCALE:1:10		SHEET 1 OF 1	

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION



DIMMS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3-8-1-2MALE MALE	3/8-1/2 BSP MM ADAPTOR	2
2	1-2HB	PIPE FITTING	3
3	1-2 BEND	PIPE FITTING	3
4	1623ST-HP-40	HYDRAULIC PIPE	1
5	3-4-1-2 MM	1/2-3/4BSP MM ADAPTOR	2
6	3-4 135B	HYDRAULIC FITTING	2
7	30901-P	CLUTCH UNIT	1
8	MK2 ST1928-6-27	PUMP SPACER	1
9	1-2mmf	HYDRAULIC FITTING	2
10	ET1523103	TWIN HYDRAULIC PUMP	1
11	1623ST-HP-41	HYDRAULIC PIPE	1
12	1623ST-HP-42	HYDRAULIC PIPE	1
13	1623ST-HP-43	HYDRAULIC PIPE	1
14	1623ST-HP-44	HYDRAULIC PIPE	1
15	1623ST-7-9	HYDRAULIC MANIFOLD	1
16	C170112	ROLLER/RAM PUMP	1
17	1623ST-HP-39	HYDRAULIC PIPE	1
18	1623ST-HP-38	HYDRAULIC PIPE	1
19	1623ST-HP-30	HYDRAULIC PIPE	1
20	1623ST-HP-31	HYDRAULIC PIPE	1
21	STC15002	CHECK VALVE	1
22	1623ST-HP-33	HYDRAULIC PIPE	1
23	1623ST-HP-32	HYDRAULIC PIPE	1
24	1623ST-HP-35	HYDRAULIC PIPE	1
25	1623ST-HP-34	HYDRAULIC PIPE	1
26	TC220103	CONTROL VALVES	1
27	1-2SW	HYDRAULIC FITTING	1
28	1623ST-HP-36	HYDRAULIC PIPE	1
29	1-2-1-2 MM	1/2-1/2BSP MM ADAPTOR	1
30	1623ST-HP-37	HYDRAULIC PIPE	1
31	STC1623102	HYDRAULIC RAMS 1623ST	2
32	1-4CE	HYDRAULIC FITTING	4
33	1-4SW	HYDRAULIC FITTING	2

13

drawn by JWG
date 03/02/2016
revision 1

TITLE:

1623ST RAMS AND PUMPS

WEIGHT:

JIG NO:

DWG NO:

1623ST RAMS AND PUMPS

A3

SCALE:1:20

SHEET 1 OF 1

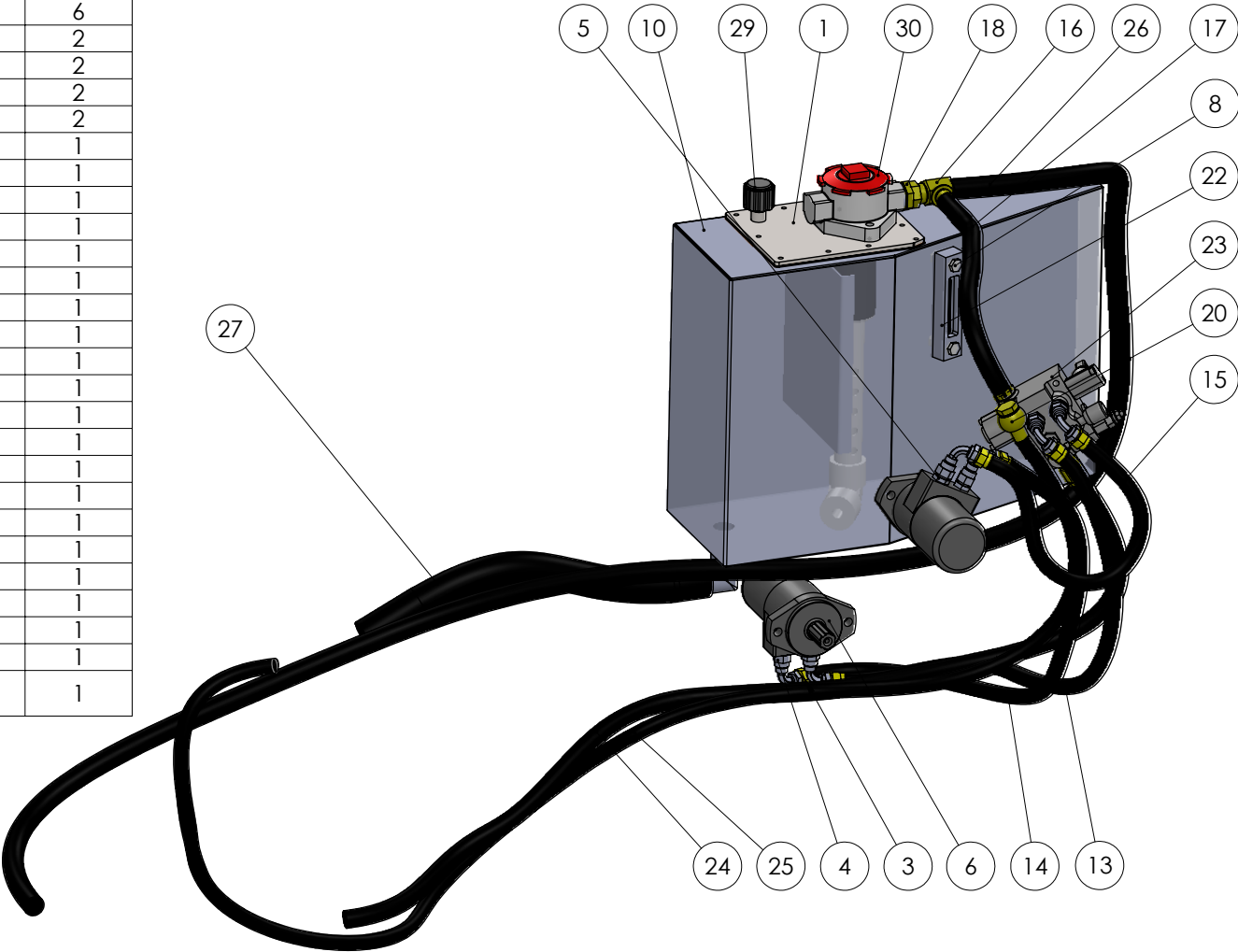
REV 1 MODIFICATION 2 ORIGINATOR 3 DRAWN 4 DATE 5

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MK2 ST1928-1-44-4	hyd tank top plate	1
2	M8 BLIND HANK	M8 BLIND HANK	2
3	3-8 NUT	3/8 BSC NUT FITTING	6
4	3-8 BEND	HYDRAULIC HOSE	6
5	3-8MM	3/8 BSC FITTING	6
6	C200207-1	HYDRAULIC MOTOR	2
7	FLANGE NUT	FLANGE NUT	2
8	HOLLOW BOLT	HOLLOW BOLT	2
9	RUBBER WASHER	RUBBER WASHER	2
10	1623ST-7-1	HYDRAULIC TANK	1
11	1-2-1-2 MM	1/2-1/2BSP MM ADAPTOR	1
12	1-2 NUT	1-2 NUT	1
13	1623ST-HP-60	1623ST-HP-60	1
14	1623ST-HP-61	1623ST-HP-61	1
15	1623ST-HP-62	1623ST-HP-62	1
16	3-4mmf tee	3/4 BSC TEE FITTING	1
17	1623ST-HP-63	1623ST-HP-63	1
18	1mm	1 INCH BSP NUT	1
19	1-4-1-2	1/4 TO 1/2 BSP FITTING	1
20	1-2 BANJO	1/2 BSC BANJO	1
21	1-4 socket	1-4 BSP	1
22	C5351650	TANK GAUGE	1
23	C251813 config	SOLINOID CONTROL VALVE	1
24	1623ST-HP-64	1623ST-HP-64	1
25	1623ST-HP-65	1623ST-HP-65	1
26	1623ST-HP-66	1623ST-HP-66	1
27	1623ST-HP-67	1623ST-HP-67	1
28	MK2 ST1928-1-44-6	ACCESS PLATE GASKET	1
29	ST1928-1-150	UCC TANK BREATHER	1
30	STC1928111	HYDRAULIC TANK CAP	1

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



14

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
	DRAWN		JWG	02/02/2016			MACHINED PARTS	FABRICATED PARTS	1
	CHK'D						LINEAR: 0.25mm ANGULAR: 0.25°	LINEAR: +/- 1.0mm ANGULAR: 0.5°	
	APP'VD		BGG						
				MATERIAL & THICKNESS:		TITLE:			
						P14 TANK AND ROLLER MOTORS^1623ST HYDRAULICS			
				WEIGHT:		JIG NO:	DWG NO.		A3
				g		P14 TANK AND ROLLER MOTORS^1623ST HYDRAULICS			
				SCALE:1:20				SHEET 1 OF 1	

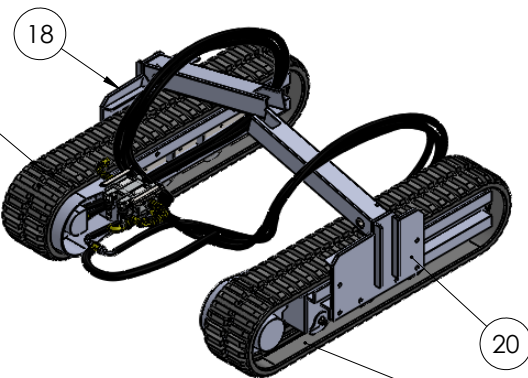
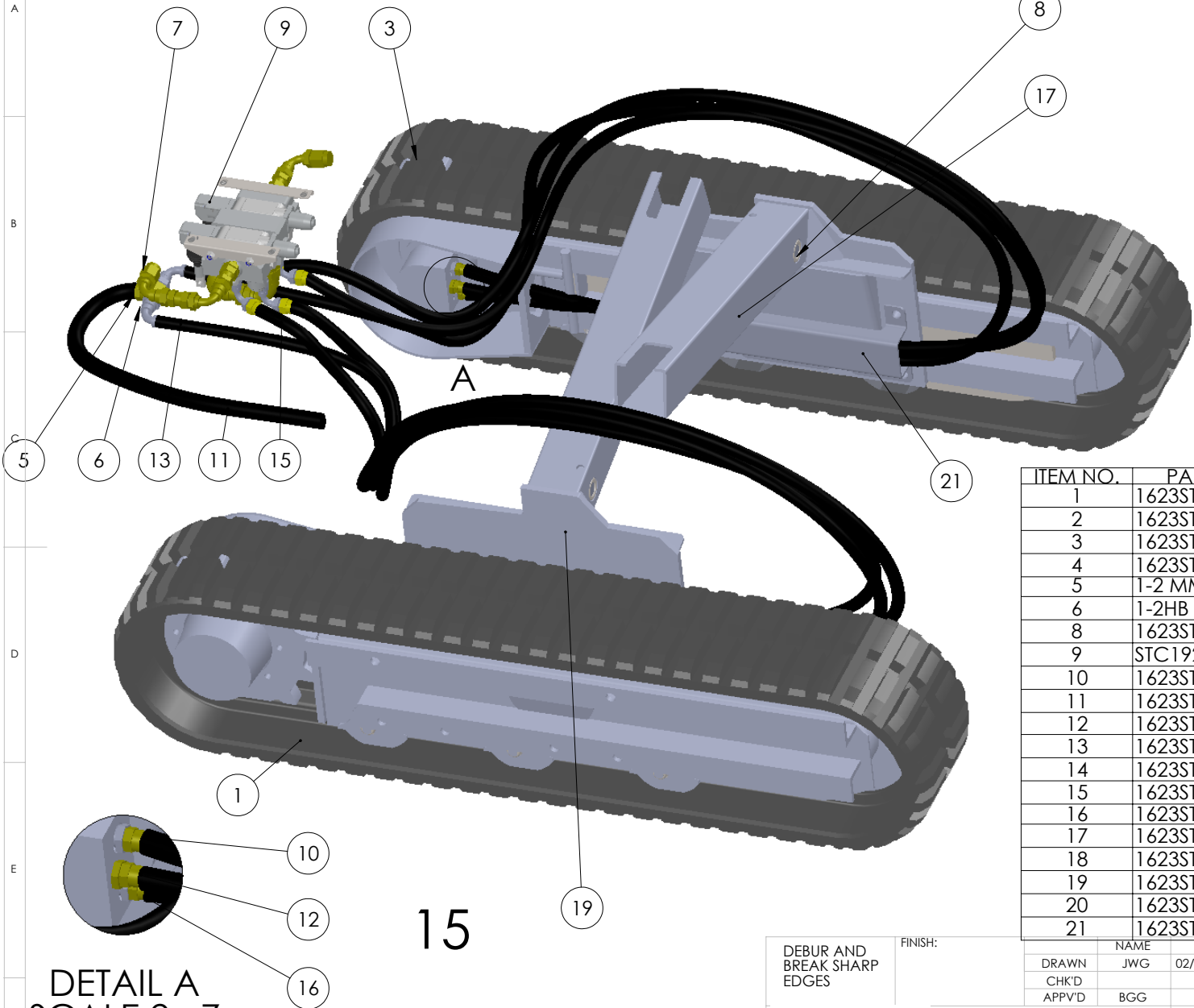
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
1				
2				
3				

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



NARROW TRACKS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1623ST-1-141	O/S WIDE TRACK	1
2	1623ST-1-70	O/S NARROW TRACK	1
3	1623ST-1-140	N/S WIDE TRACK	1
4	1623ST- 1-71	N/S NARROW TRACK	1
5	1-2 MMF 90 SWIVEL	1-2" 90deg Swivel T Piece	1
6	1-2HB	PIPE FITTING	2
8	1623ST 1-92	MOUNTING PIN	2
9	STC1928901	TRACK CONTROL VALVE	1
10	1623ST-HP-76	LEFT TRACK HYD PIPE1	1
11	1623ST-HP-70	RETURN HYD PIPE TRACKS	1
12	1623ST-HP-72	LEFT TRACK HYD RETURN PIPE	1
13	1623ST-HP-71	RIGHT TRACK HYD RETURN PIPE	1
14	1623ST-HP-74	RIGHT TRACK HYD PIPE 2	1
15	1623ST-HP-73	RIGHT TRACK HYD PIPE 1	1
16	1623ST-HP-75	LEFT TRACK HYD PIPE 3	1
17	1623ST-1-116	INNER LEG N/S WIDE TRACK	1
18	1623ST-1-83	INNER LEG N/S NARROW TRACK	1
19	1623ST-1-117	INNER LEG O/S WIDE TRACK	1
20	1623ST-1-84	INNER LEG O/S NARROW TRACK	1
21	1623ST-1-110	HOSE COVER	2

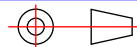
DETAIL A
SCALE 2 : 7

DEBUR AND BREAK SHARP EDGES		FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
			DRAWN	JWG	02/02/2016		MACHINED PARTS	FABRICATED PARTS	1
			CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
			APP'VD	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	
			MATERIAL & THICKNESS:		TITLE:				
					1623ST TRACKS HYDRAULIC DWG				
			WEIGHT:	JIG NO:	DWG NO:	1623ST TRACKS HYDRAULIC			
			g			A3			
					SCALE:1:20		SHEET 1 OF 1		

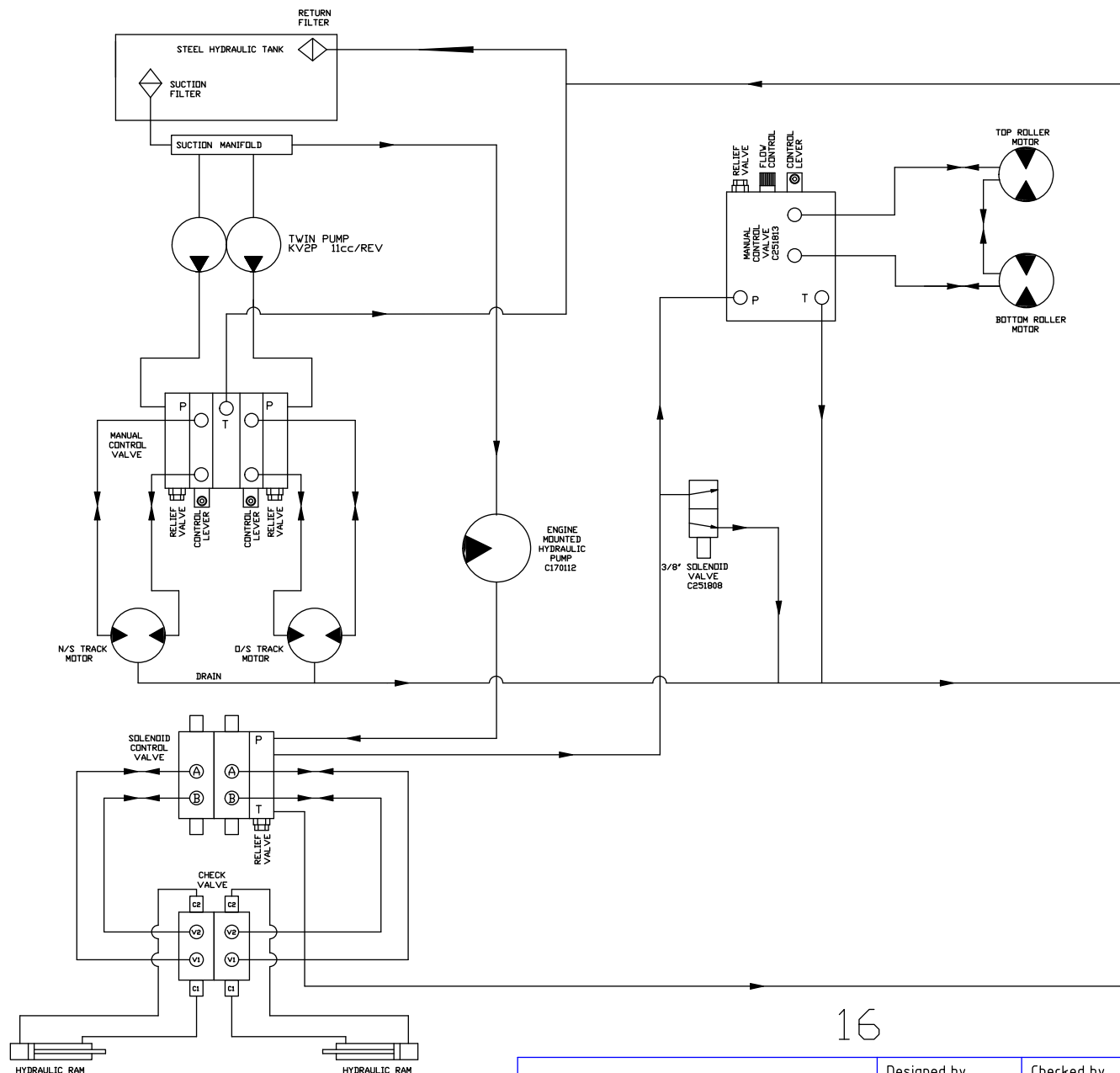
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
1				
2				
3				
4				
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7				
8				

DO NOT SCALE - IF IN DOUBT ASK

THIS DRAWING IS 1ST ANGLE PROJECTION



DIMENSIONS IN MILLIMETERS



16

TOLERANCE ON ALL OPEN DIMENSIONS		Designed by ECR	Checked by xxx	Approved ER	Filename xxx	Date 11/05/07	Scale 1/1
MACHINED PARTS	+/- 0.25mm	1623ST HYDRAULIC CIRCUIT				Issue A	Sheet 1 OF 1
FABRICATED PARTS	+/- 1.0mm						

Issue	CHECK VALVE ADDED	30-10-2008	ECR	
Issue	Modifications	Date	Sig	Chkd

DO NOT SCALE - IF IN DOUBT ASK

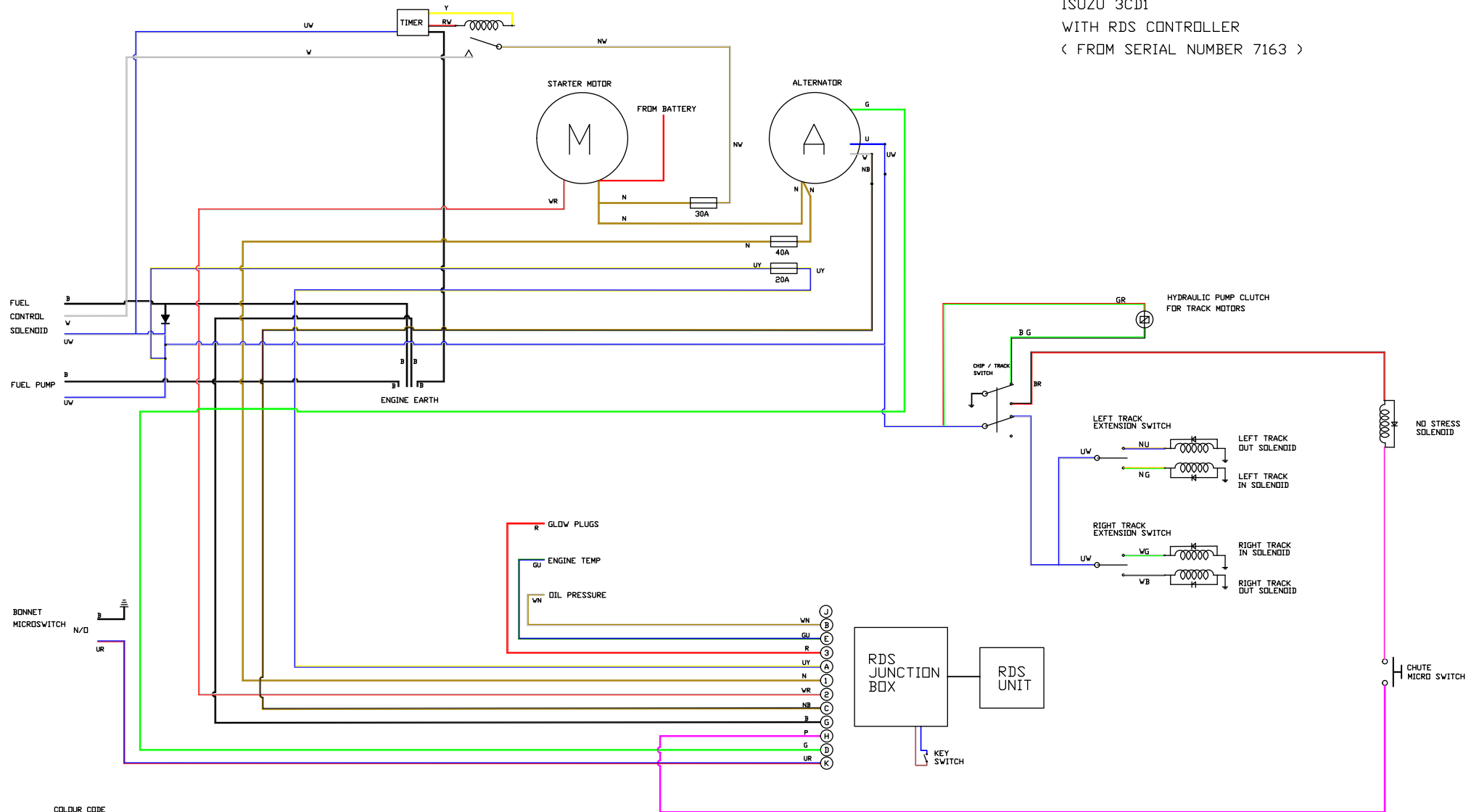
THIS DRAWING IS 1ST ANGLE PROJECTION



DIMENSIONS IN MILLIMETERS

Item No	No Off	Description	Part No	Material
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SAFETRACK 1623ST
ISUZU 3CD1
WITH RDS CONTROLLER
(FROM SERIAL NUMBER 7163)



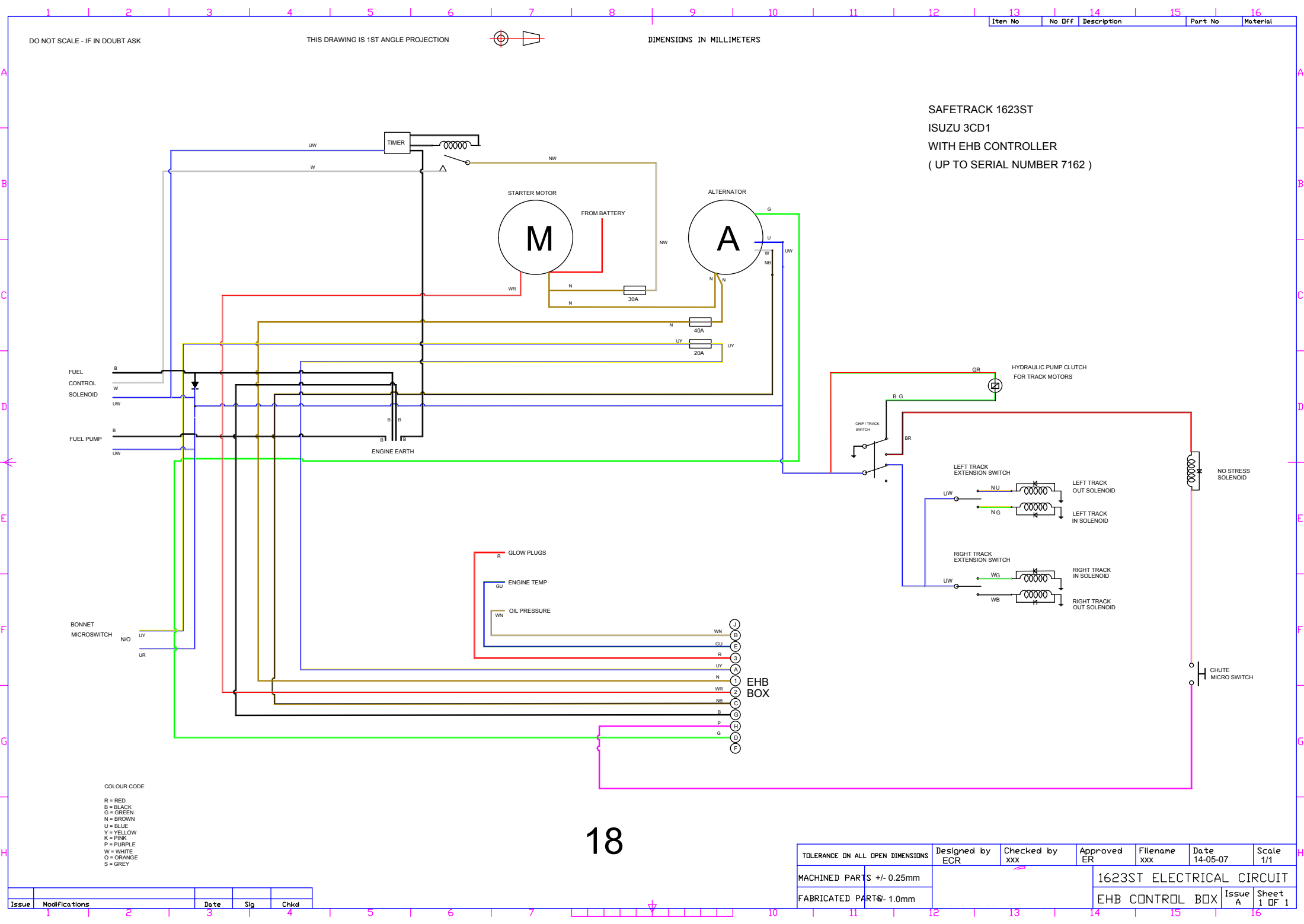
COLOUR CODE

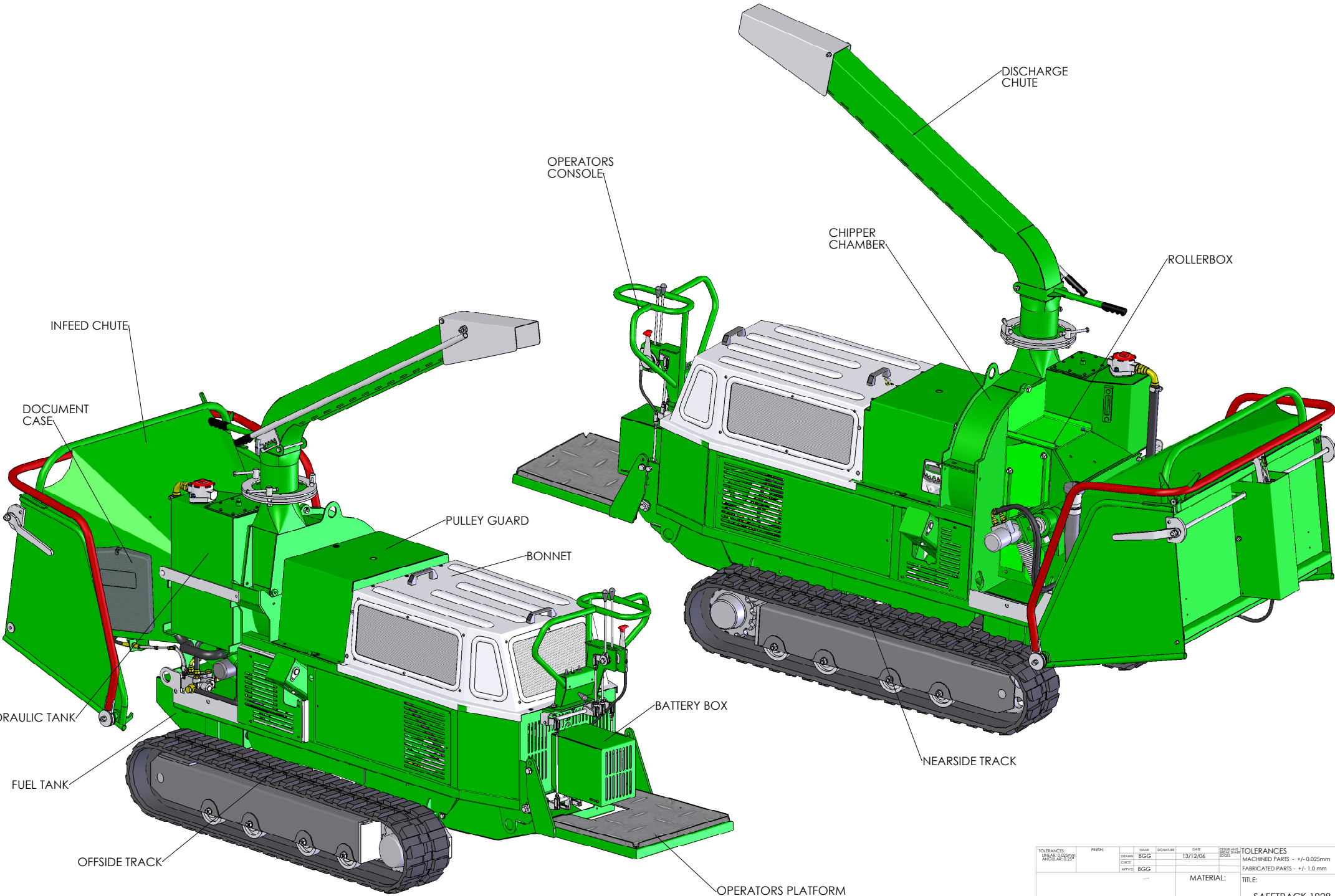
R = RED
B = BLACK
G = GREEN
N = BROWN
U = BLUE
Y = YELLOW
K = PINK
P = PURPLE
W = WHITE
O = ORANGE
S = GREY

17

TOLERANCE ON ALL OPEN DIMENSIONS		Designed by	Checked by	Approved	Filename	Date	Scale
MACHINED PARTS +/- 0.25mm		ECR	xxx	ER	xxx	14-05-07	1/1
FABRICATED PARTS +/- 1.0mm					1623ST ELECTRICAL CIRCUIT		
					RDS CONTROL BOX		
					Issue A Sheet 1 OF 1		

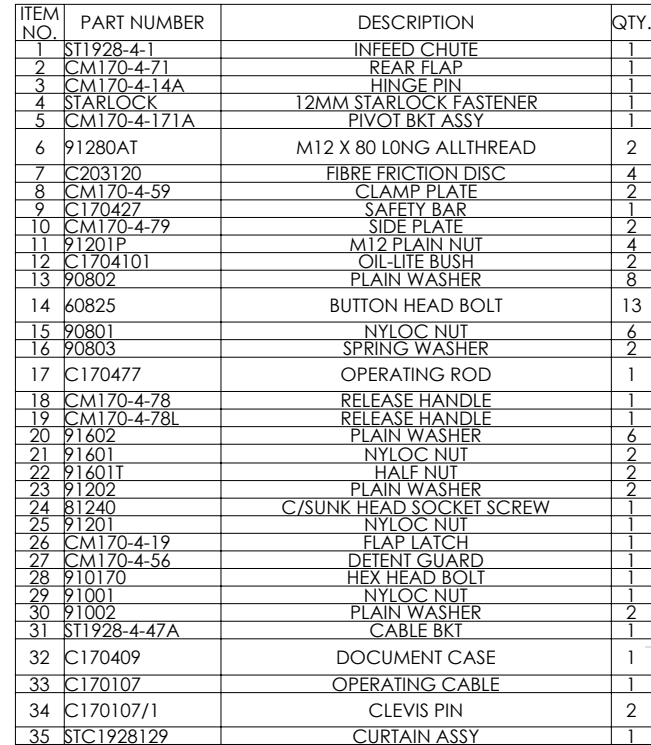
Issue	Modifications	Date	Sig	Chkd
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2				
3				
4				



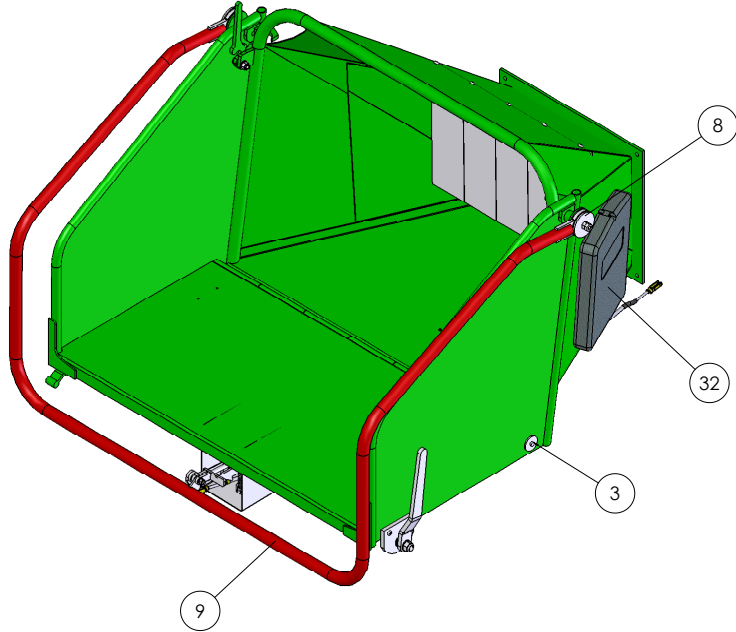
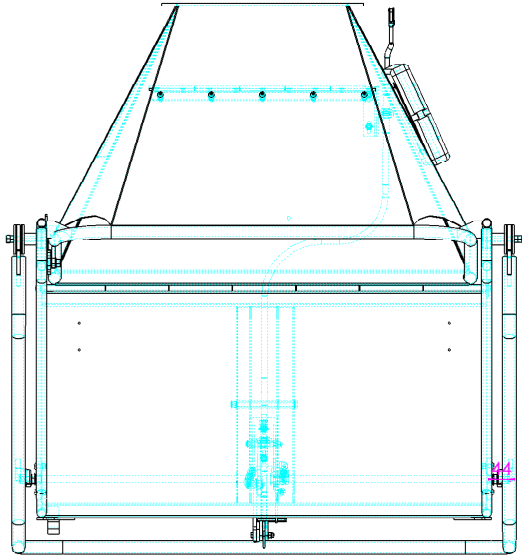
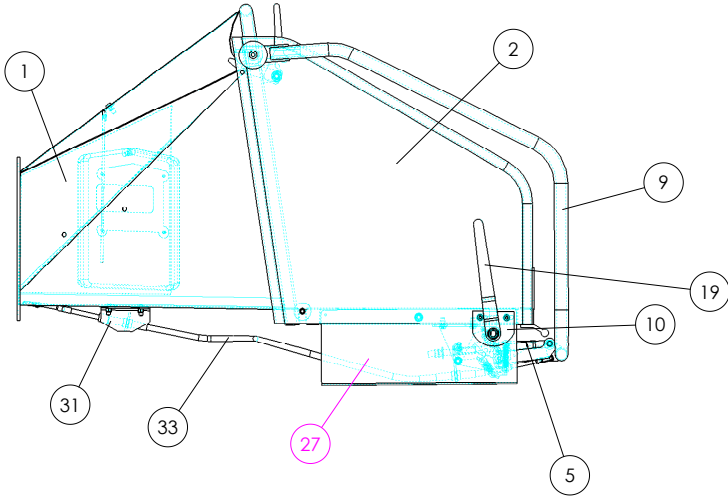
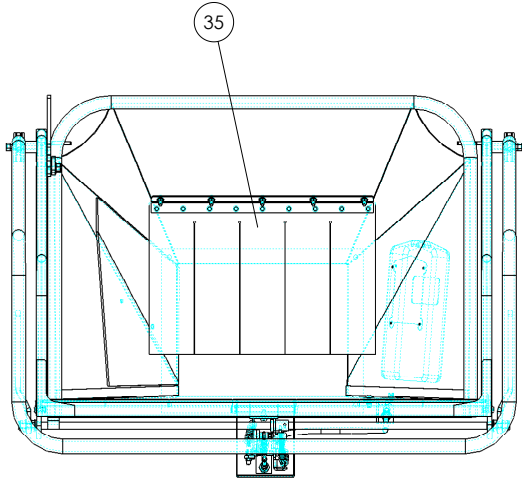


TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°		FIGURE:	NAME:	SIGNATURE:	DATE:	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
		DRAWN:	BGG		13/12/06	
		CHECKED:	BGG			
		APPROVED:	BGG			MATERIAL:
						TITLE:
						SAFETRACK 1928
						DWG NO.:
						AD
						SCALE: 1:10
						SHEET 1 OF 1

MOD	MODIFICATION	DRN	APPRD	DATE

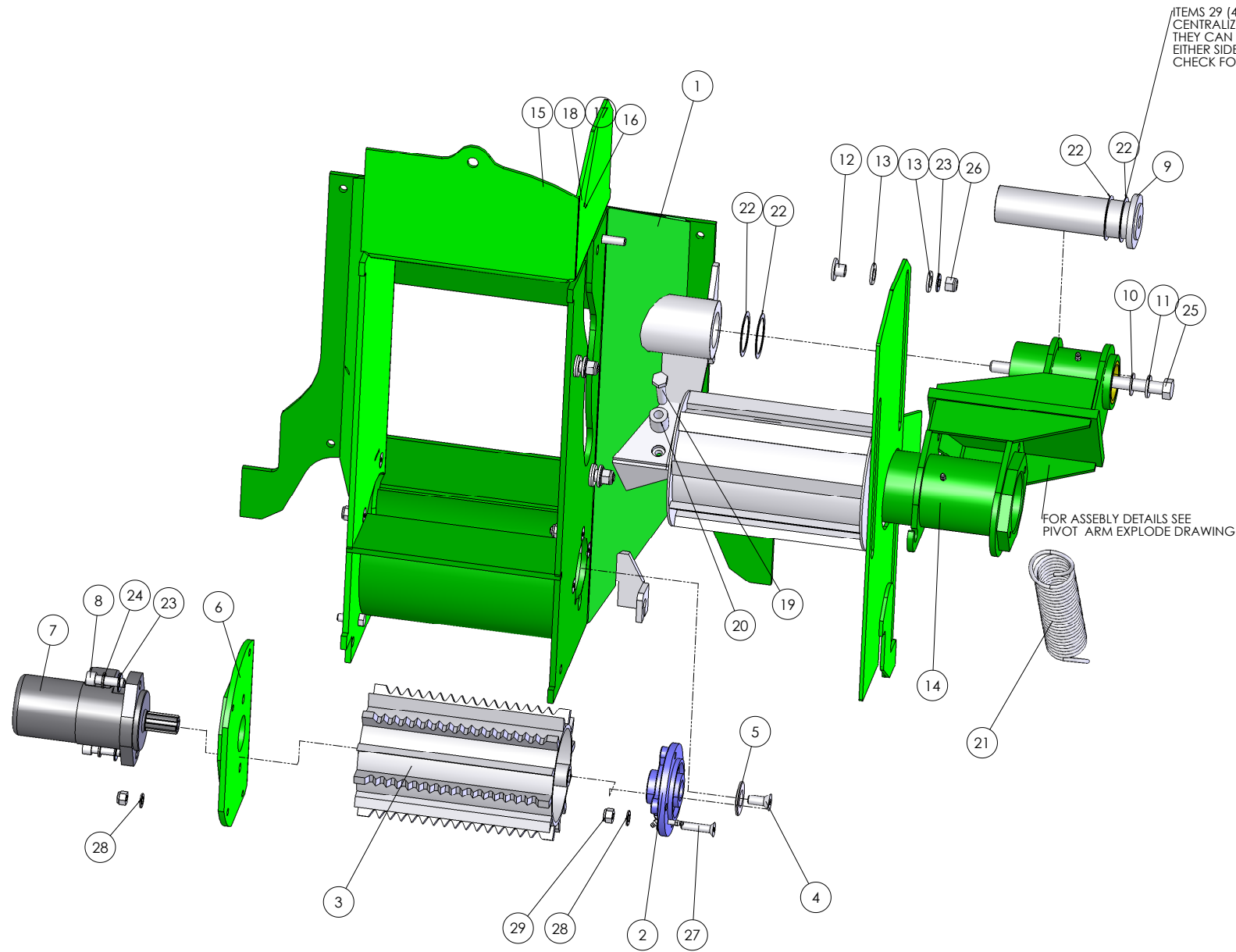


TOLERANCES: UNLESS OTHERWISE INDICATED USE	FMS	NAME	DATE	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 0.1 mm
		DRAWN BGG	24/03/06	
		DESIGNED BGG		
		APPROVED BGG		
		MATERIAL:		
		TITLE: ST 1928-4 EXPLODED VIEW INFEED CHUTE		
		DWG NO.		
		SCALE: 1:1 SHEET 0F 2		



TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°	FINISH:	NAME	SIGNATURE	DATE	DESIGN AND DETAILS BGG	TOLERANCES
		BGG		24/03/06		MACHINED PARTS - +/- 0.025mm
		DRAWN				FABRICATED PARTS - +/- 1.0 mm
		CHECKED				
		APPROVED	BGG	MATERIAL:		TITLE:
						ST1928-4 EXPLODED VIEW INFEED CHUTE
				WEIGHT:		DWG NO.
						SCALE: 1:1
						SHEET 2 OF 2

MOD	MODIFICATION	DRN	APPRD	DATE



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC1928-3	ROLLERBOX	1
2	C180109	BOTTOM ROLLER BEARING	1
3	EC1928105	BOTTOM ROLLER	1
4	81230	C/S HD BOLT	1
5	C170322	BOTTOM ROLLER WASHER	1
6	EC1928-3-11A	BOTTOM ROLLER MOTOR PLATE	1
7	C200207/1	BOTTOM ROLLER MOTOR	2
8	71240	CAPSCREW	2
9	EC1928-3-38A	PIVOT ARM PIN	1
10	91602	FLAT WASHER	1
11	91603	SPRING WASHER	1
12	C170-3-45	SLIDE BUSH	3
13	N91630	NYLON WASHER	6
14	EC1928-3-28A	PIVOT ARM ASSY	1
15	EC1928-3-15MK2	TOP COVER	1
16	90802	FLAT WASHER	2
17	90803	SPRING WASHER	2
18	90825	HEX HD BOLT	2
19	91250	HEX HD BOLT	1
20	C220325	PIVOT ARM STOP BOSS	1
21	C180119	PIVOT ARM SPRING	1
22	EC1928-3-67	1MM SHIM	4
23	91202	FLAT WASHER	5
24	91203	SPRING WASHER	2
25	916240	M16 bolt x 240	1
26	91201	NYLOC NUT	3
27	81045CS	C/S HD BOLT	4
28	91002	M10 B WASHER	8
29	91001	NYLOC NUT	8

TOLERANCES:
LINEAR 0.025mm
ANGULAR 0.25°

FINISH:
DRAWN: BGG
CHKD:
APPRO: BGG

NAME: BGG
SIGNATURE:
DATE: 10.02.06
DESIGN AND
CHECK DATE:

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

MATERIAL:

TITLE:
ROLLERBOX EXPLODED

WEIGHT:

DWG NO.

SCALE:1:1

SHEET 1 OF 1

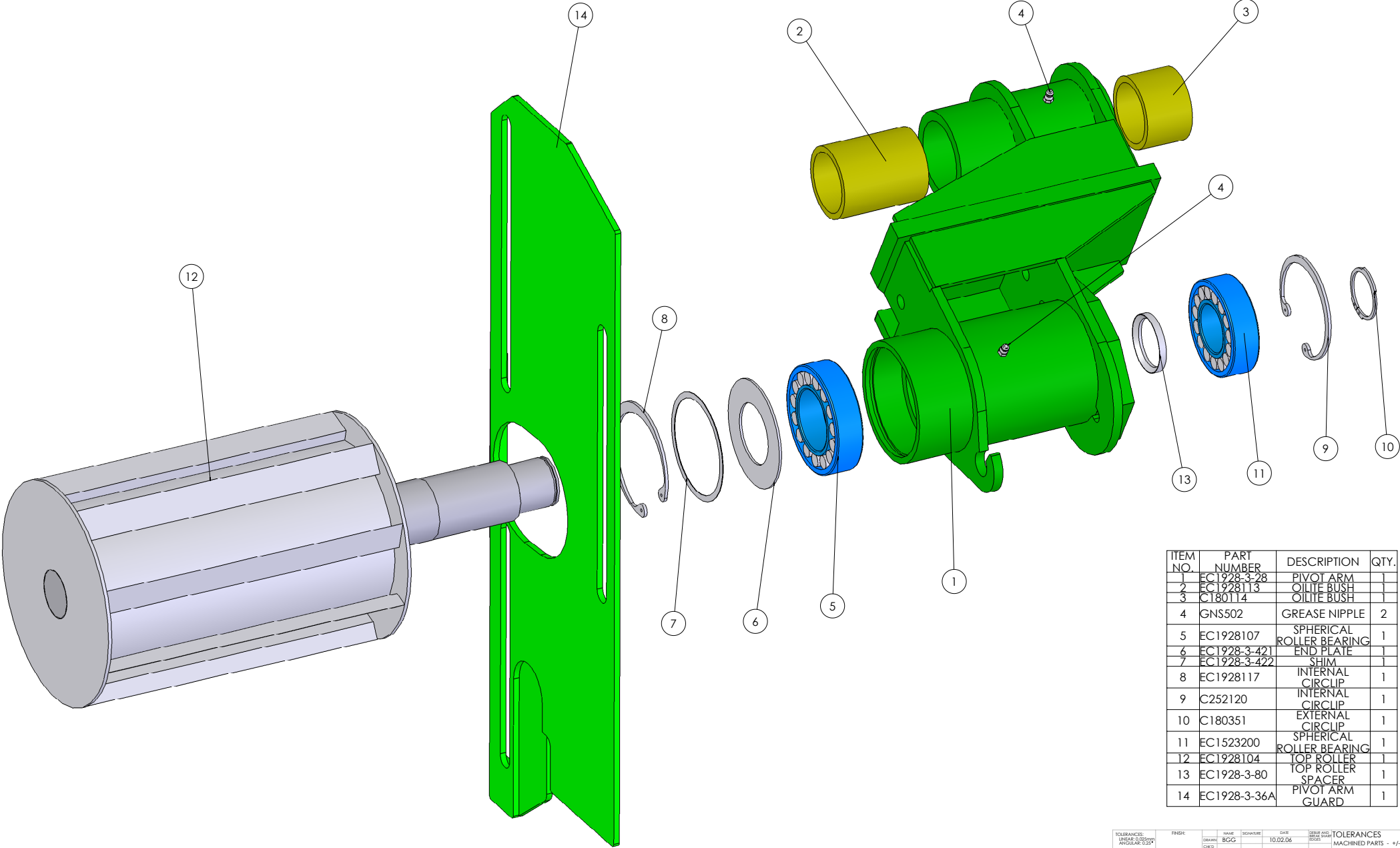
MOD

MODIFICATION

DRN

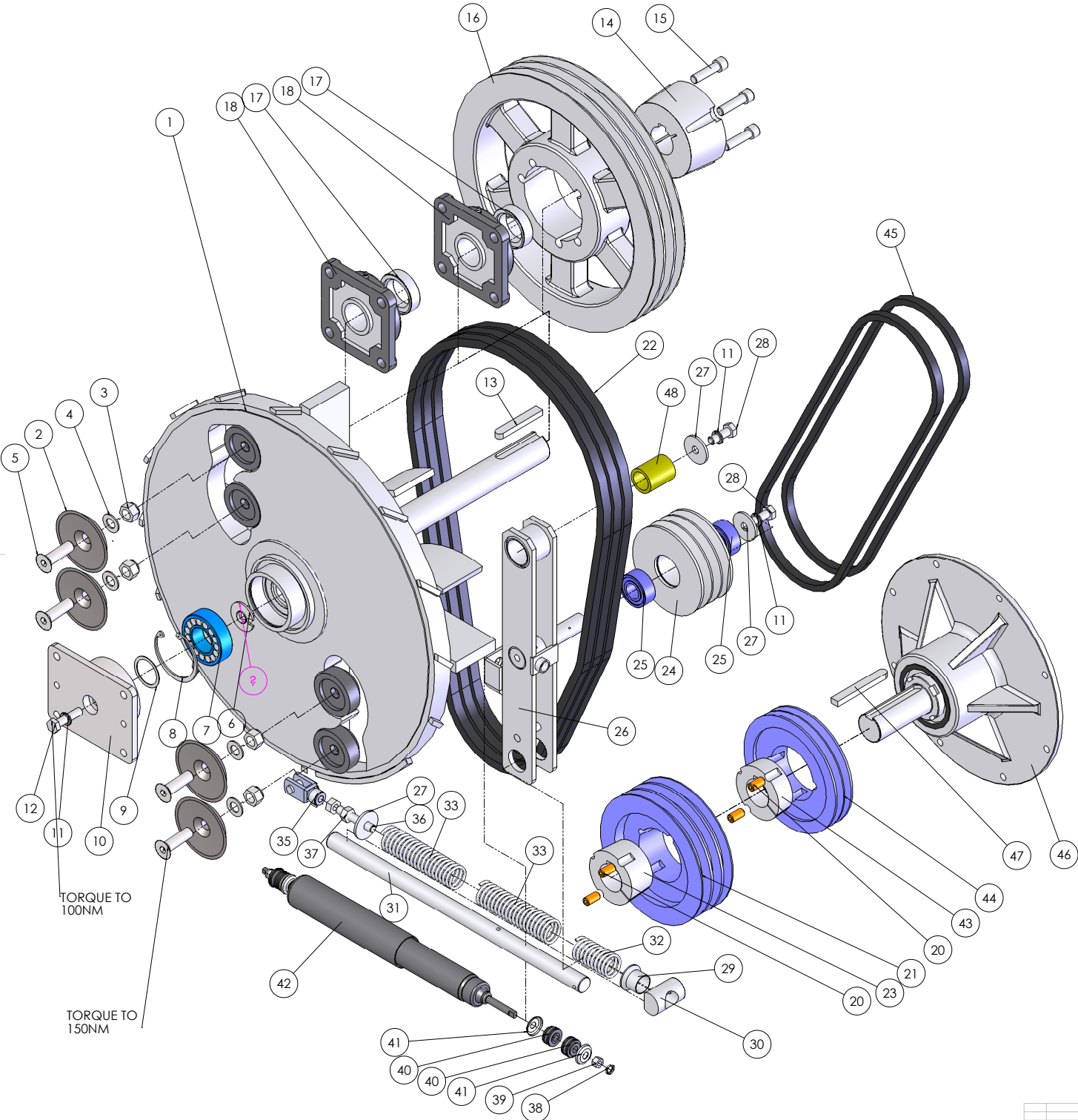
APPRD

DATE

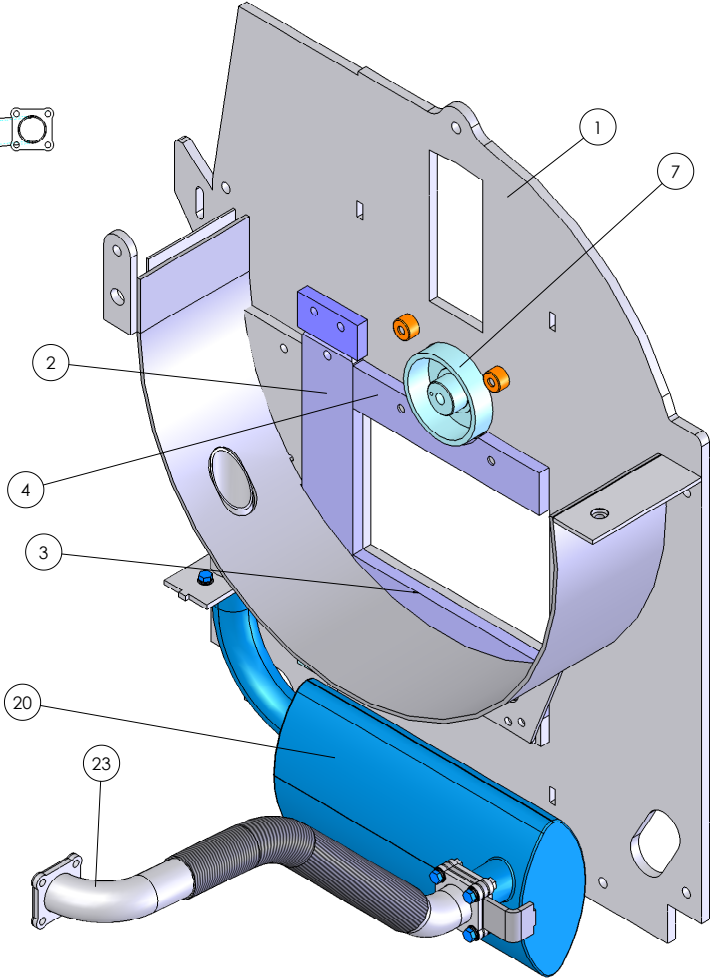
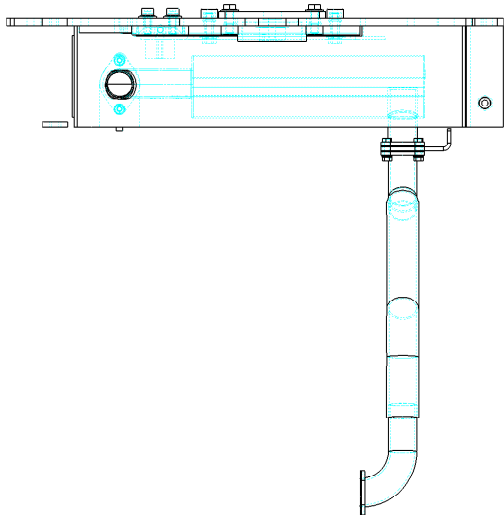
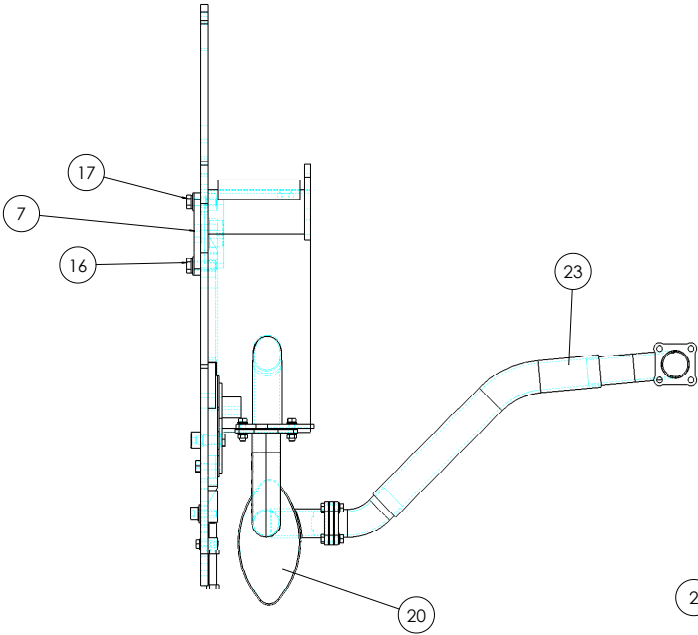
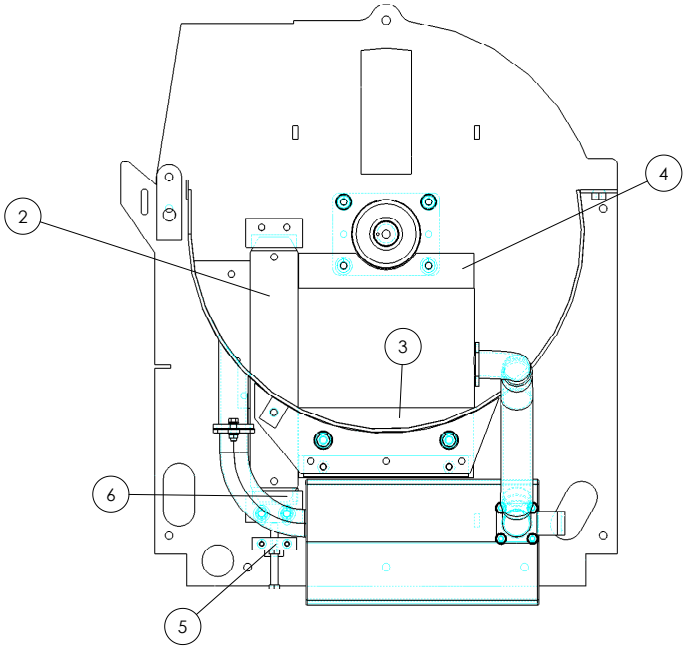


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC1928-3-28	PIVOT ARM	1
2	EC1928113	OILITE BUSH	1
3	CT180114	OILITE BUSH	1
4	GNS502	GREASE NIPPLE	2
5	EC1928107	SPHERICAL ROLLER BEARING	1
6	EC1928-3-421	END PLATE	1
7	EC1928-3-422	SHIM	1
8	EC1928117	INTERNAL CIRCLIP	1
9	C252120	INTERNAL CIRCLIP	1
10	C180351	EXTERNAL CIRCLIP	1
11	EC1523200	SPHERICAL ROLLER BEARING	1
12	EC1928104	TOP ROLLER	1
13	EC1928-3-80	TOP ROLLER SPACER	1
14	EC1928-3-36A	PIVOT ARM GUARD	1

TOLERANCES LINEAR 0.025mm ANGULAR 0.25°	FINISH:		NAME	DATE	TOLERANCES	
			BGG	10.02.06	MACHINED PARTS - +/- 0.025mm	
			DRAWN: BGG		FABRICATED PARTS - +/- 1.0 mm	
			CHD: BGG		TITLE:	
			APPROV:		PIVOT ARM EXPLODED	
			MATERIAL:			
			WEIGHT:			DWG NO.
						AD
						SCALE: 1:5
					SHEET OF 1	



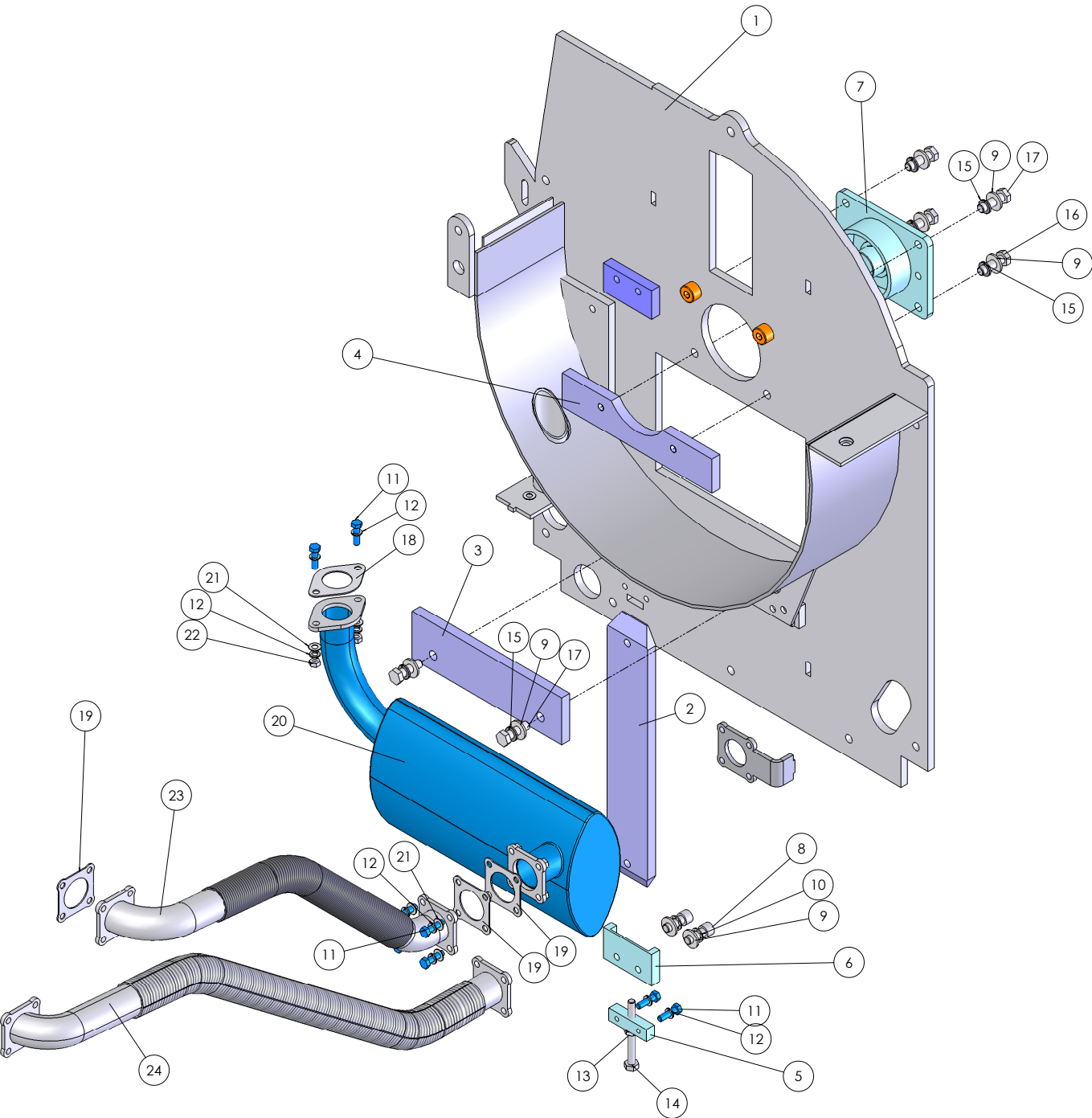
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	STC1928-2-50B	FLYWHEEL FABRICATION	1
2	C202503	CHIPPING DISC	4
3	91601	NYLOC NUT	4
4	91602B	FLAT WASHER	4
5	81650	C/SUNK HD CAPSCREW	4
6	EC130-2-24	SHAFT WASHER	1
7	EC1523200	FLYWHEEL CENTRE BEARING	1
8	C252120	CIRCLIP (INTERNAL)	1
9	EC1523248	SPACER SHIM	1
10	EC130-2-22	STUB SHAFT HOUSING	1
11	91203	SPRING WASHER	3
12	91250	M12 X 50 BOLT	1
13	KS14980	Shaft key	1
14	EC1928109	Taper lock bush	1
15	1-2BSW	1-2"W X 1/1-2"LONG	3
16	EC1928110	Taper lock pulley	1
17	C150206/1	ECCENTRIC COLLAR	2
18	C150206	BEARING	2
19	GNS502	GREASE NIPPLE	3
20	1-2inch	GRUBSCREW	4
21	EC1928111	Pulley	1
22	EC1928112	SPB DRIVE BELT	3
23	C150208	Taper lock bush	1
24	EC1928-6-43A	IDLER PULLEY	1
25	C252121	Double row AC ball bearing	2
26	ST1928-2-28	TENSIONER ARM	1
27	91202/H	FLAT WASHER	3
28	91235	M12 X 35 BOLT	2
29	EC1928-2-70	YOKE	1
30	EC1928-2-69	TENSIONER EYE	1
31	ST1928-2-84	Tensioner bar	1
32	EC1928116	HALF COIL SPRING	1
33	EC1928116	FULL COIL SPRING	2
34	EC1928114	TENSIONER CLEVIS	1
35	EC1928114	CLEVIS FASTENER	1
36	91270AT	M12 X 70 ALLTHREAD	1
37	91201P	PART OF ITEM 42	2
38	-CUP	PART OF ITEM 42	2
39	-BUSH	PART OF ITEM 42	2
40	Bush	PART OF ITEM 42	4
41	Cup	PART OF ITEM 42	4
42	C170632	Shock absorber	1
43	C151003	Taper lock bush	1
44	TC220112	SPA 2 GROOVE PULLEY	1
45	STC1928103	V- belt	2
46	TC220216	Crank extension	1
47	KS149104	Key	1
48	EC1928108	Oilite bush	1



FRONT PANEL OF CHIPPER CHAMBER
REMOVED FOR CLARITY

MOD	MODIFICATION	DRN	APPRD	DATE

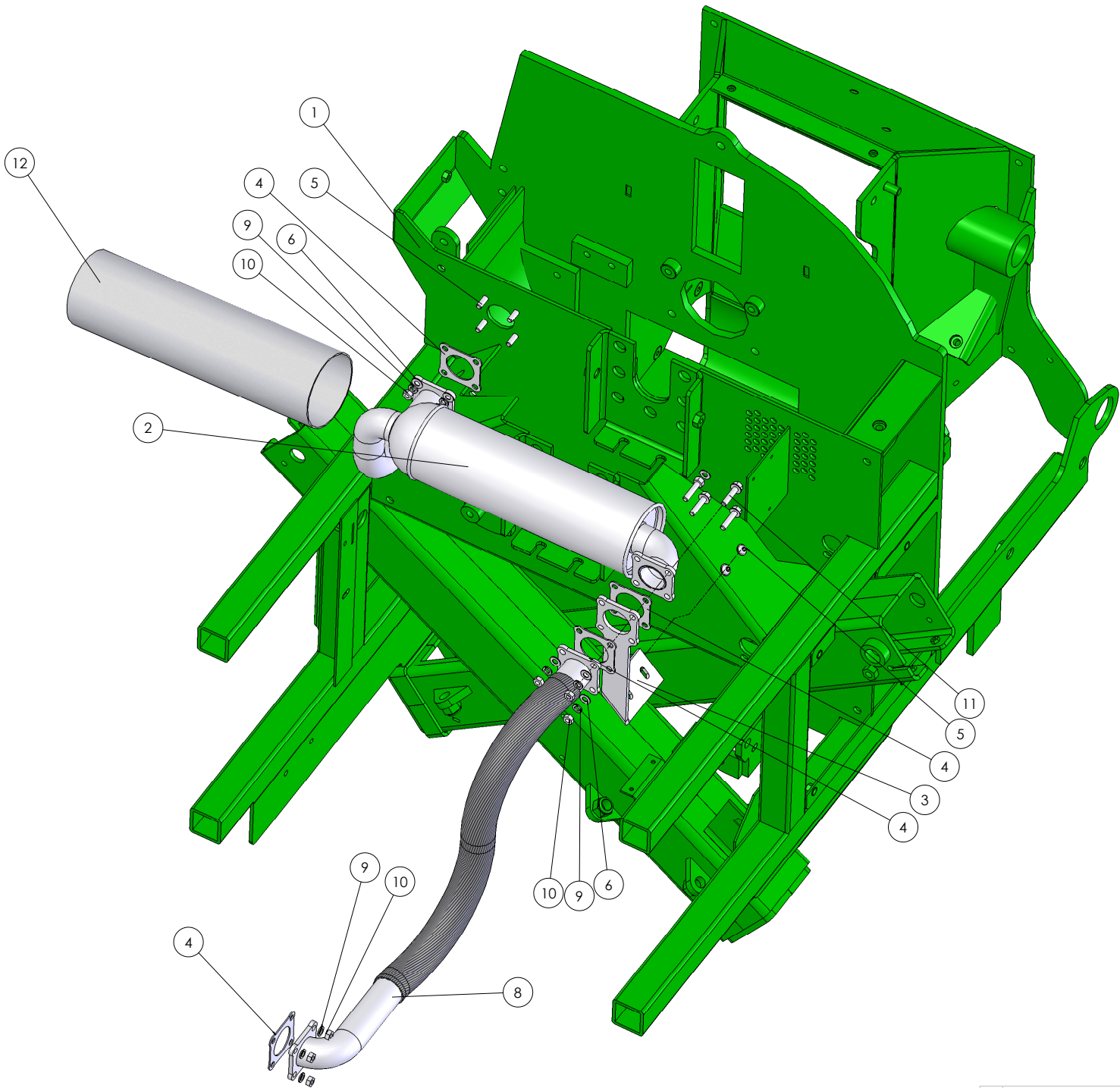
TOLERANCES: LINEAR: 0.025mm ANGULAR: 0.25°		FINISH: DRAWN: BGG CHKD: APPRD: BGG	SIGNATURE: DATE: 28/02/06 DESIGN AND CHECK DATE:	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
MATERIAL:		TITLE: SHEARBARS AND EXHAUST		
WEIGHT:		DWG NO.		AD
SCALE: 1:1		SHEET 1 OF 2		



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LOWER CC1	LOWER CHIPPER CHAMBER	1
2	CM220-2-31	VERTICAL SHEARBAR	1
3	EC1928-2-29	Lower shear bar	1
4	EC1928-2-31	Top shear bar	1
5	C170-2-37	SHEARBAR LOCK	1
6	C170-2-33	SHEARBAR CLAMP	1
7	EC130-2-22	FLYWHEEL BEARING HOUSING	1
8	71230	CAPSCREW	2
9	91202/C	FLAT WASHER	8
10	SHW12	M12 SHAKEPROOF WASHER	2
11	90830	HEX HEAD BOLT	8
12	90803	SPRING WASHER	10
13	91001/T	PLAIN NUT	1
14	910100	HEX HEAD BOLT	1
15	91203	SPRING WASHER	6
16	91240FP	HEX HEAD FINE THREAD BOLT	2
17	91240	HEX HEAD BOLT	4
18	S120020	OVAL EXHAUST GASKET	1
19	S120021	SQUARE EXHAUST GASKET	3
20	EC1523611	SILENCER	1
21	90802	FLAT WASHER	8
22	90801P	PLAIN NUT	2
23	EC1928-6-37	FLEXIBLE EXHAUST PIPE MT VERSIONS	1
24	STC1928-63-7	FLEXIBLE EXHAUST PIPE SAFETRACK VERSION	1

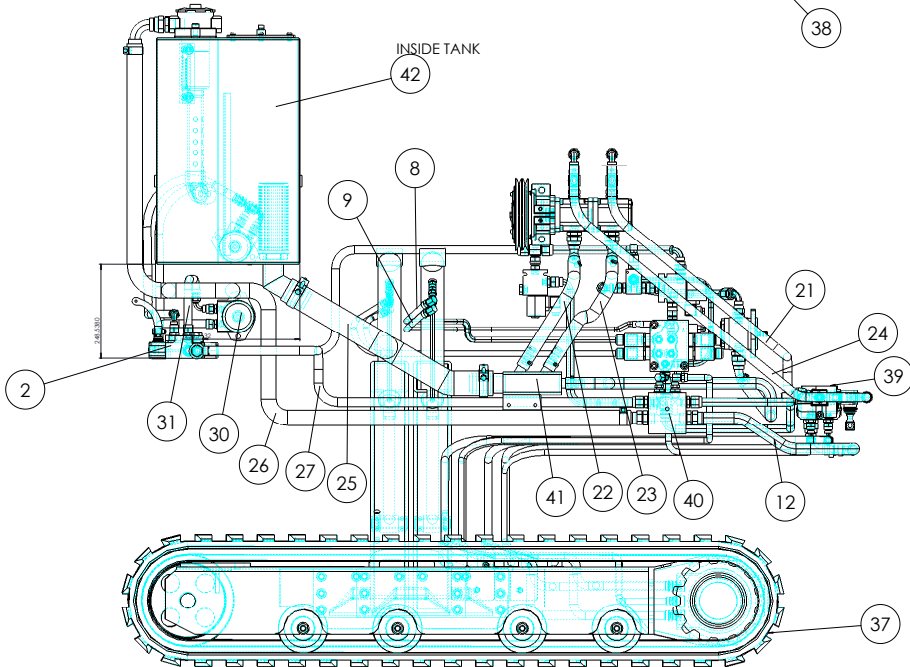
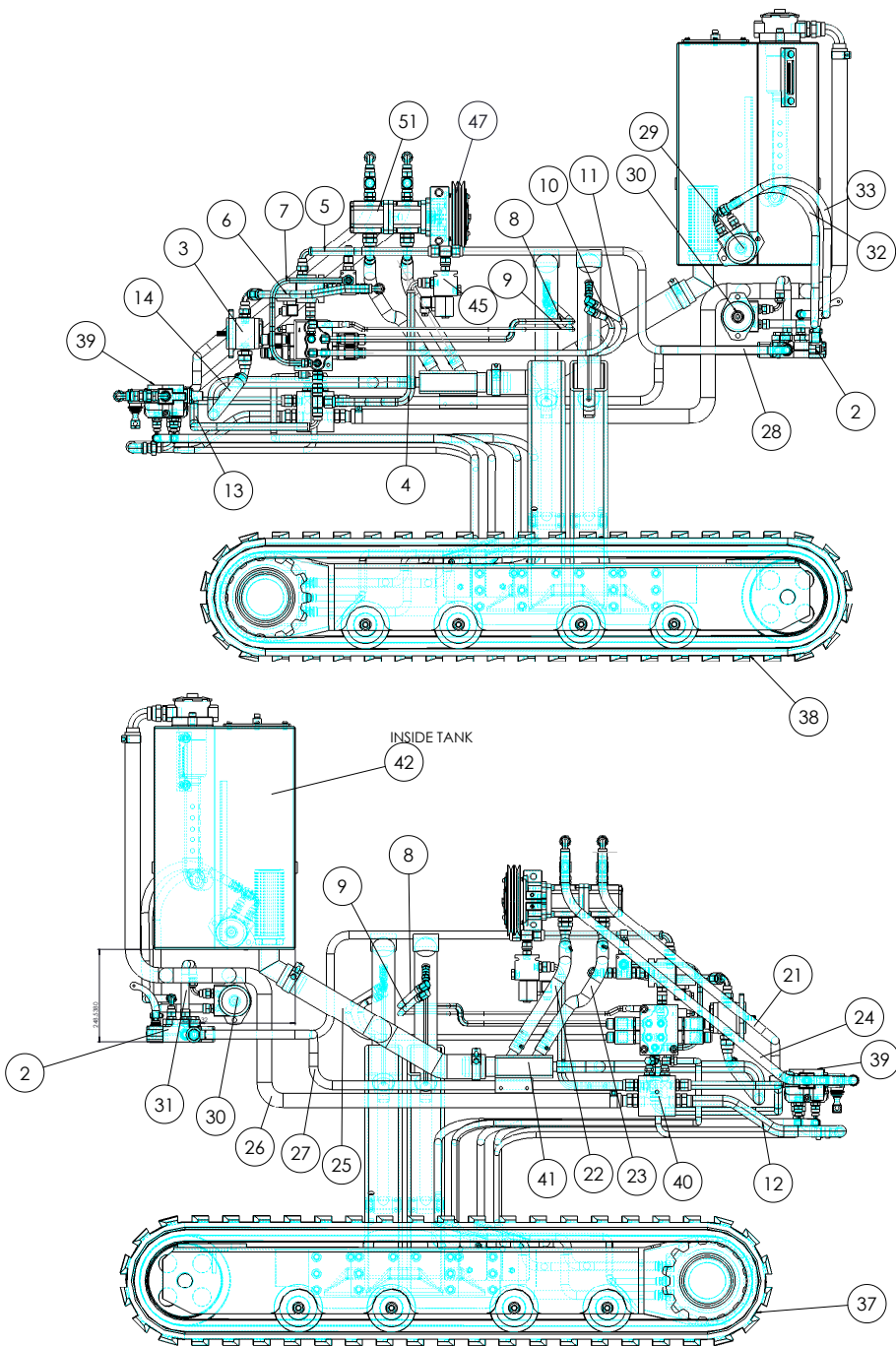
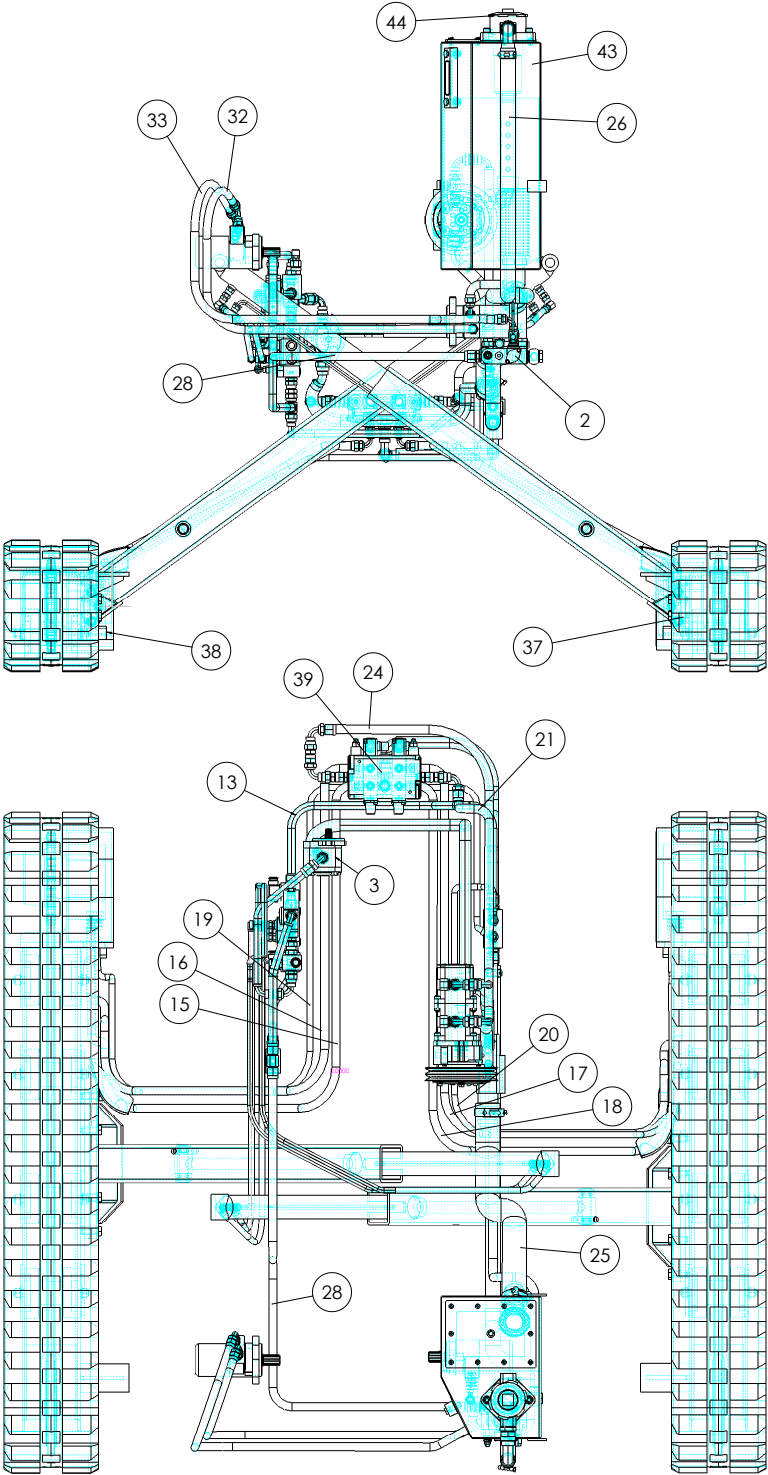
FRONT PANEL OF CHIPPER CHAMBER
REMOVED FOR CLARITY

TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°	FINISH:	NAME	SIGNATURE	DATE	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm	
		DRAWN	BGG	28/02/06		
		CHECKED				
		APPROVED	BGG			
		MATERIAL:				TITLE: SHEARBARS AND EXHAUST
		WEIGHT:				DWG NO.
			SCALE: 1:10	SHEET 2 OF 2		

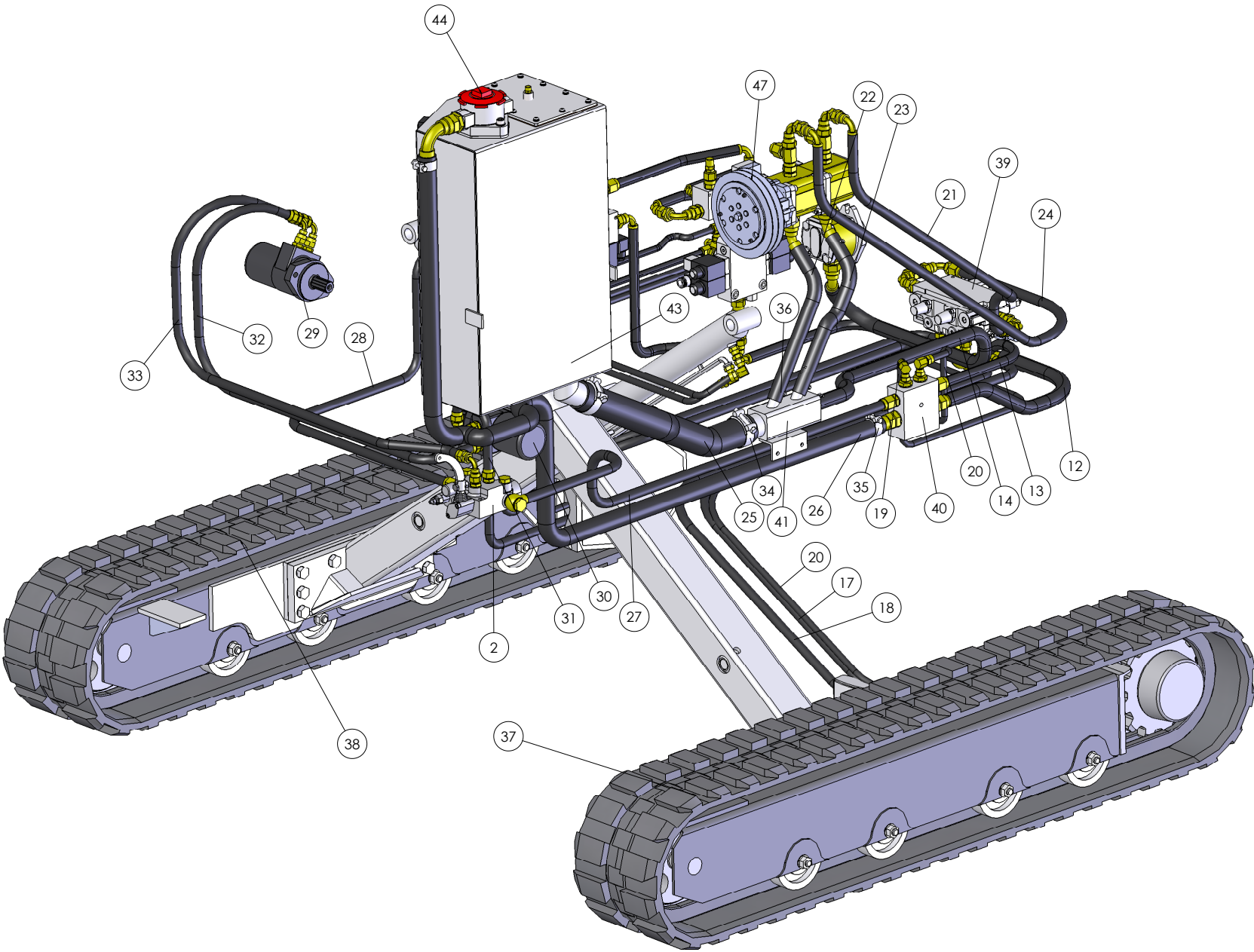


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ST1928-1	CHASSIS	1
2	STC1928636	SILENCER	1
3	ST1928-6-35	SUPPORT BKT	1
4	ST20021	GASKET	4
5	60825	BUTTON HD BOLT	6
6	90802	FLAT WASHER	16
7	90801	NYLOC NUT	2
8	ST1928-6-37	FLEXIBLE PIPE	1
9	90803	SPRING WASHER	12
10	90801P	PLAIN NUT	12
11	90835	HEX HD BOLT	4
12	ST1928638	CLOTH HEAT SHIELD	1

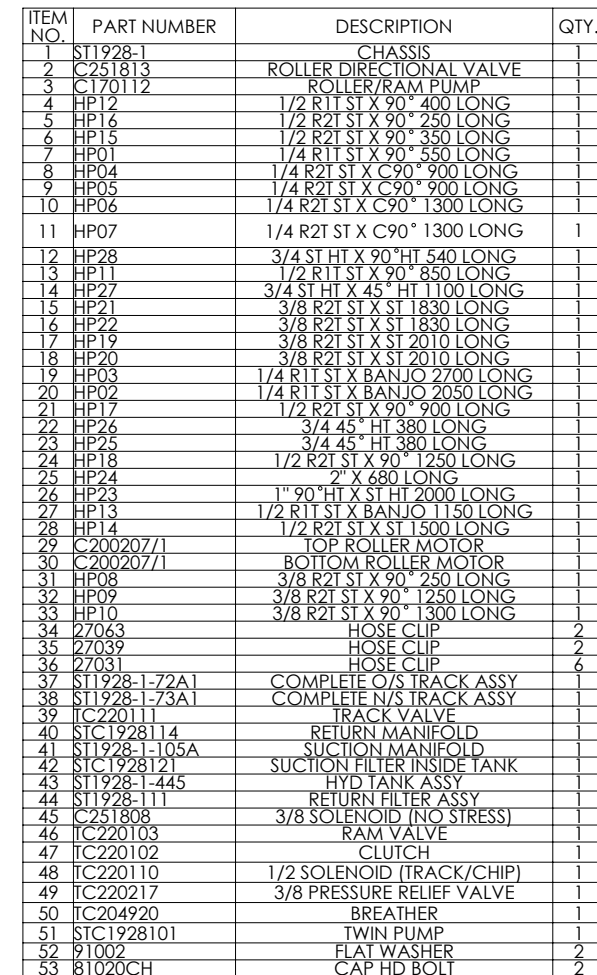
TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°	NAME	SIGNATURE	DATE	DESIGN AND CHECK DATE	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
	DRAWN	BGG	04/08/06		
	CHKD	BGG			
MATERIAL:					TITLE: SAFETRACK EXHAUST 21/7/06 ON
WEIGHT:					DWG NO. AD
MOD					SCHEMATIC SHEET 1 OF 1
MODIFICATION					
DRN					
APPRD					
DATE					



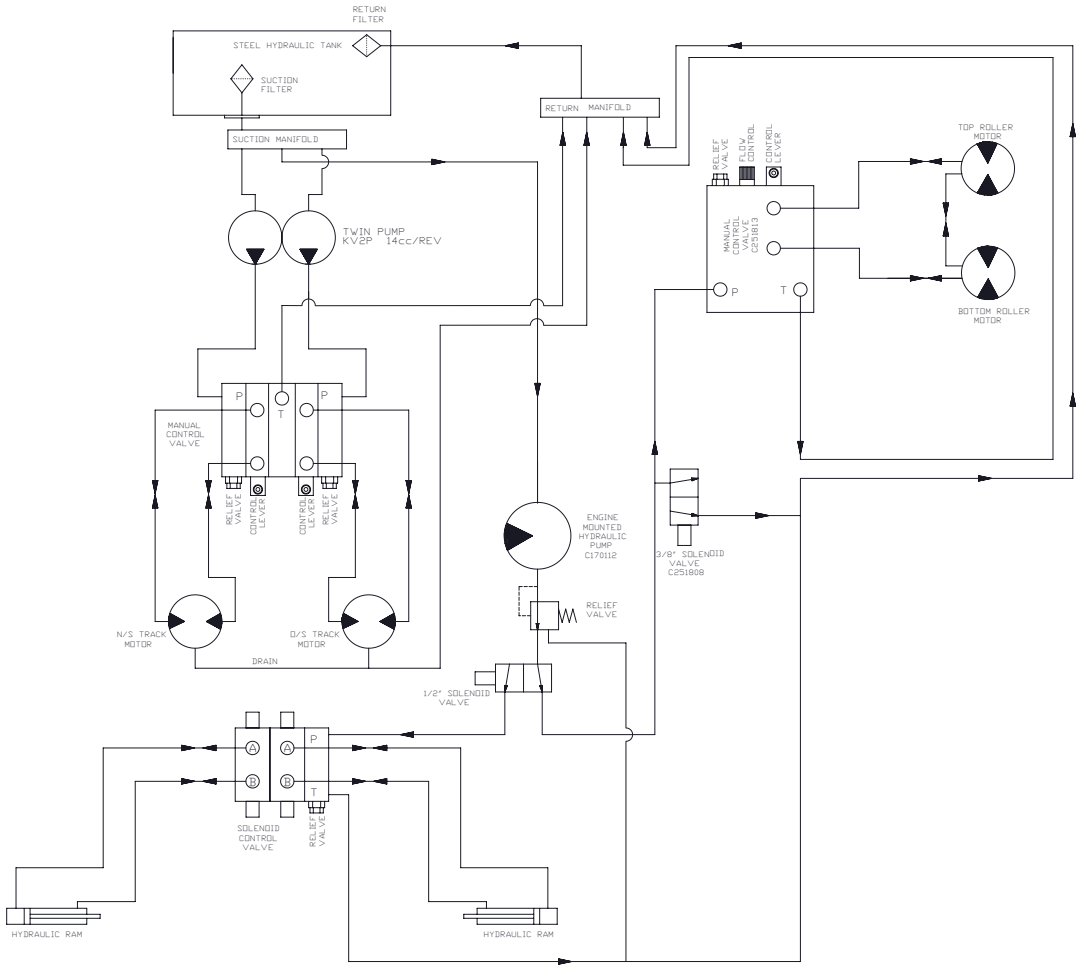
TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°		FINISH:	NAME BGG	SIGNATURE	DATE 28/10/05	DESIGN AND CHECKED BY	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
MOD		MODIFICATION	DRN	APPRD	DATE	MATERIAL:	
WEIGHT:		DWG NO.		SHEET 10		TITLE: HYD LAYOUT	



TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°		FINISH:	NAME BGG	SIGNATURE	DATE 28/10/05	DESIGN AND CHECKED BY BGG	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
MATERIAL:		TITLE: HYD LAYOUT		DWG NO.		SHEET 2 OF 4	
WEIGHT:		MODIFICATION		DRN		APPRD	

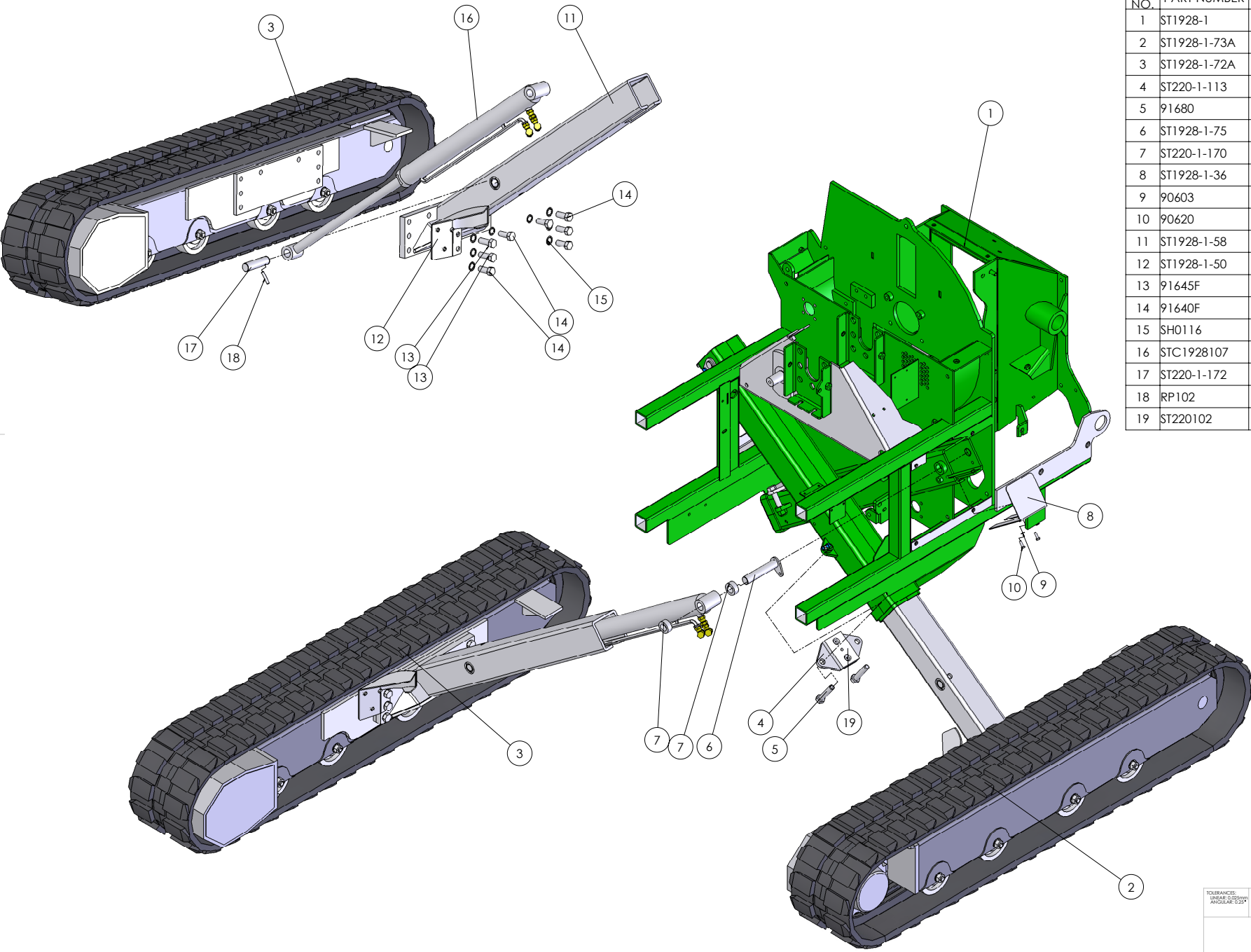


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ST1928-1	CHASSIS	1
2	C251813	ROLLER DIRECTIONAL VALVE	1
3	C170112	ROLLER/RAM PUMP	1
4	HP12	1/2 R1T ST X 90° 400 LONG	1
5	HP16	1/2 R2T ST X 90° 250 LONG	1
6	HP15	1/2 R2T ST X 90° 350 LONG	1
7	HP01	1/4 R1T ST X 90° 550 LONG	1
8	HP04	1/4 R2T ST X C90° 900 LONG	1
9	HP05	1/4 R2T ST X C90° 900 LONG	1
10	HP06	1/4 R2T ST X C90° 1300 LONG	1
11	HP07	1/4 R2T ST X C90° 1300 LONG	1
12	HP28	3/4 ST HT X 90° HT 540 LONG	1
13	HP11	1/2 R1T ST X 90° 850 LONG	1
14	HP27	3/4 ST HT X 45° HT 1100 LONG	1
15	HP21	3/8 R2T ST X ST 1830 LONG	1
16	HP22	3/8 R2T ST X ST 1830 LONG	1
17	HP19	3/8 R2T ST X ST 2010 LONG	1
18	HP20	3/8 R2T ST X ST 2010 LONG	1
19	HP03	1/4 R1T ST X BANJO 2700 LONG	1
20	HP02	1/4 R1T ST X BANJO 2050 LONG	1
21	HP17	1/2 R2T ST X 90° 900 LONG	1
22	HP26	3/4 45° HT 380 LONG	1
23	HP25	3/4 45° HT 380 LONG	1
24	HP18	1/2 R2T ST X 90° 1250 LONG	1
25	HP24	2" X 680 LONG	1
26	HP23	1" 90° HT X ST HT 2000 LONG	1
27	HP13	1/2 R1T ST X BANJO 1150 LONG	1
28	HP14	1/2 R2T ST X ST 1500 LONG	1
29	C200207/1	TOP ROLLER MOTOR	1
30	C200207/1	BOTTOM ROLLER MOTOR	1
31	HP08	3/8 R2T ST X 90° 250 LONG	1
32	HP09	3/8 R2T ST X 90° 1250 LONG	1
33	HP10	3/8 R2T ST X 90° 1300 LONG	1
34	27063	HOSE CLIP	2
35	27039	HOSE CLIP	2
36	27031	HOSE CLIP	6
37	ST1928-1-72A1	COMPLETE O/S TRACK ASSY	1
38	ST1928-1-73A1	COMPLETE N/S TRACK ASSY	1
39	TC220111	TRACK VALVE	1
40	STC1928114	RETURN MANIFOLD	1
41	ST1928-1-105A	SUCTION MANIFOLD	1
42	STC1928121	SUCTION FILTER INSIDE TANK	1
43	ST1928-1-445	HYD TANK ASSY	1
44	ST1928-111	RETURN FILTER ASSY	1
45	C251808	3/8 SOLENOID (NO STRESS)	1
46	TC220103	RAM VALVE	1
47	TC220102	CLUTCH	1
48	TC220110	1/2 SOLENOID (TRACK/CHIP)	1
49	TC220217	3/8 PRESSURE RELIEF VALVE	1
50	TC204920	BREATHER	1
51	STC1928101	TWIN PUMP	1
52	91002	FLAT WASHER	2
53	81020CH	CAP HD BOLT	2



TOLERANCES: UNLESS OTHERWISE ANGULAR 0.075		FINISH: xxxxxxxxxx	DRAWN CHKD APPRD	NAME BGG BGG	SIGNATURE	DATE 28/10/05	DEBUR AND BREAK SHARP EDGES	TOLERANCES MACHINED PARTS +/- 0.025mm FABRICATED PARTS +/- 1.0mm
								TITLE: HYD LAYOUT SCHEMATIC
								DWG NO.
								AI
								SCALE:1:20
								SHEET 4 OF 4

MOD	MODIFICATION	DRAWN	APPRD	DATE



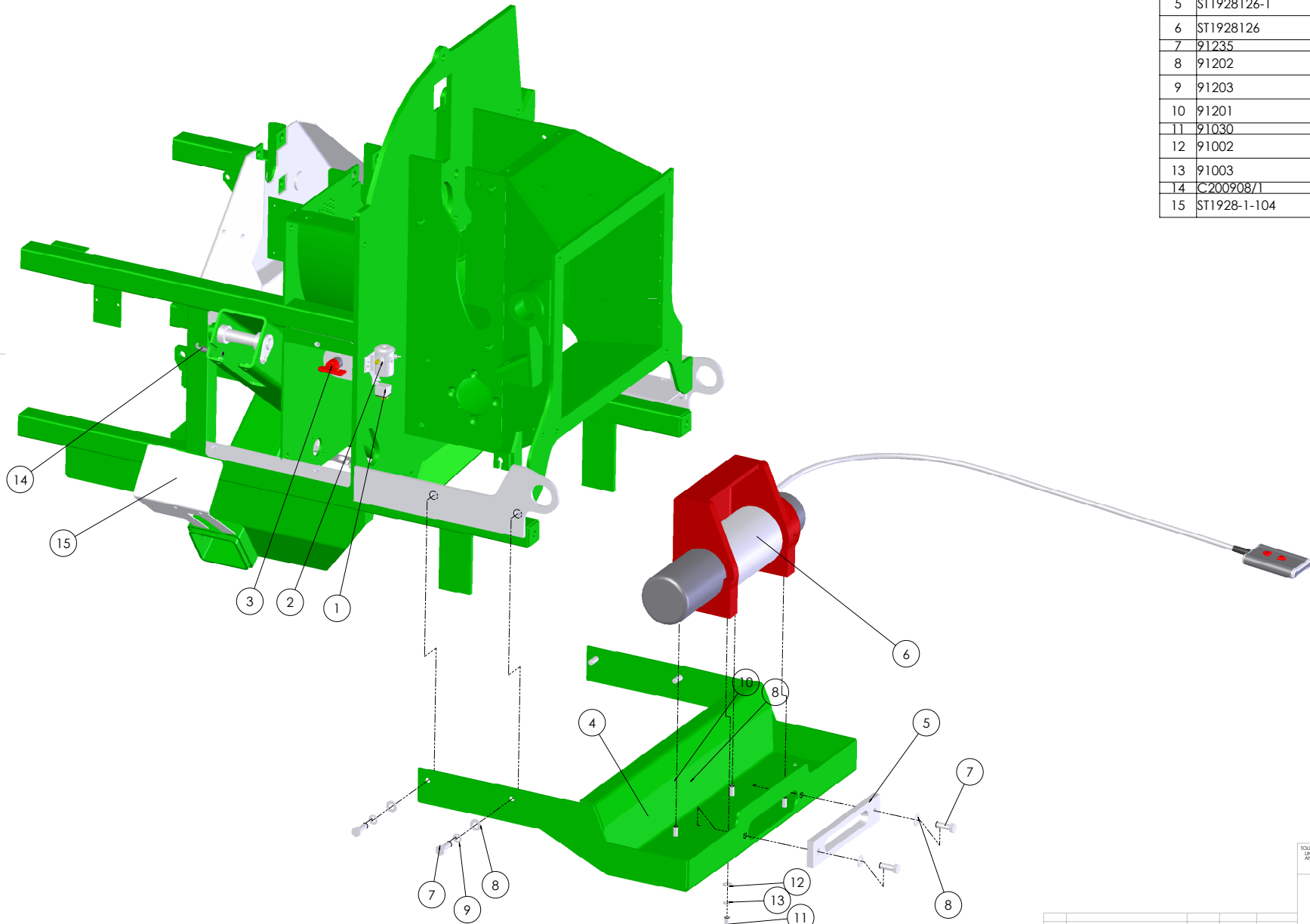
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ST1928-1	CHASSIS	1
2	ST1928-1-73A	NEAR SIDE TRACK ASSEMBLY	1
3	ST1928-1-72A	OFFSIDE TRACK ASSEMBLY	1
4	ST220-1-113	ADJUSTABLE WEAR PAD	4
5	91680	HEX HD BOLT	8
6	ST1928-1-75	TOP CYLINDER FIXING PIN	2
7	ST220-1-170	CYLINDER SPACER	4
8	ST1928-1-36	END COVER	2
9	90603	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	ST220-1-172	CYLINDER LOWER FIXING PIN	2
18	RP102	8 X 40 ROLL PIN	2
19	ST220102	NYLON WEAR PAD	4

TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°	FINISH:	NAME: BGG	SIGNATURE:	DATE: 7/12/06	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
	DRAWN: BGG	DATE:	DATE:	DATE:	
	CHECK:	DATE:	DATE:	DATE:	
		MATERIAL:		TITLE: TRACK AND CYLINDER EXPLODED	
		WEIGHT:		DWG NO. AD	
		SCALE: 1:10		SHEET 1 OF 1	

MOD	MODIFICATION	DRN	APPRD	DATE

OPTIONAL EXTRA

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC150018/1	12V RELAY	1
2	ST1928128	WINCH SOLENOID	1
3	ST1928127	WINCH ISOLATOR SWITCH	1
4	ST1928-1-99	WINCH MOUNTING PLATE	1
5	ST1928126-1	GUIDE PLATE	1
6	ST1928126	ELECTRIC WINCH	1
7	91235	HEX HD BOLT	6
8	91202	PLAIN WASHER	8
9	91203	SPRING WASHER	4
10	91201	NYLOC NUT	2
11	91030	HEX HD BOLT	4
12	91002	PLAIN WASHER	4
13	91003	SPRING WASHER	4
14	C200908/1	SENSOR	2
15	ST1928-1-104	SENSOR/END CAP	2



TOLERANCES: LINEAR: 0.025mm ANGULAR: 0.25°		FINISH:	NAME: BGG	SCHAUER:	DATE: 11/12/06	DESIGN AND DETAILS DATE:	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
			CHIEF: BGG				
			APPROV: BGG				
		MATERIAL:		TITLE: WINCH			
		WEIGHT:		DWG NO.:		AD:	
				SCALE: 1:10		SHEET 1 OF 1	

MOD	MODIFICATION	DRN	APPRD	DATE

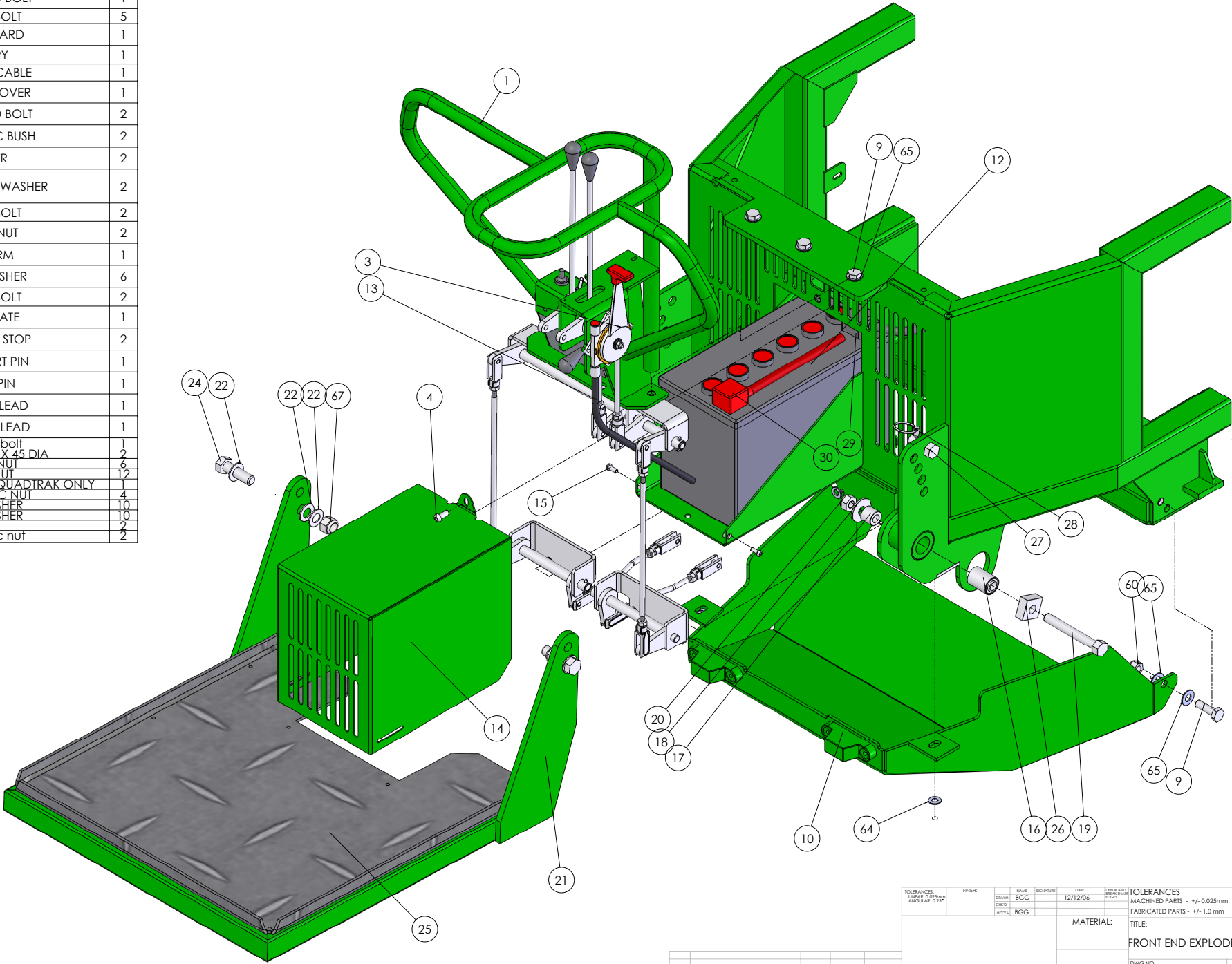
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1ST ANGLE PROJECTION

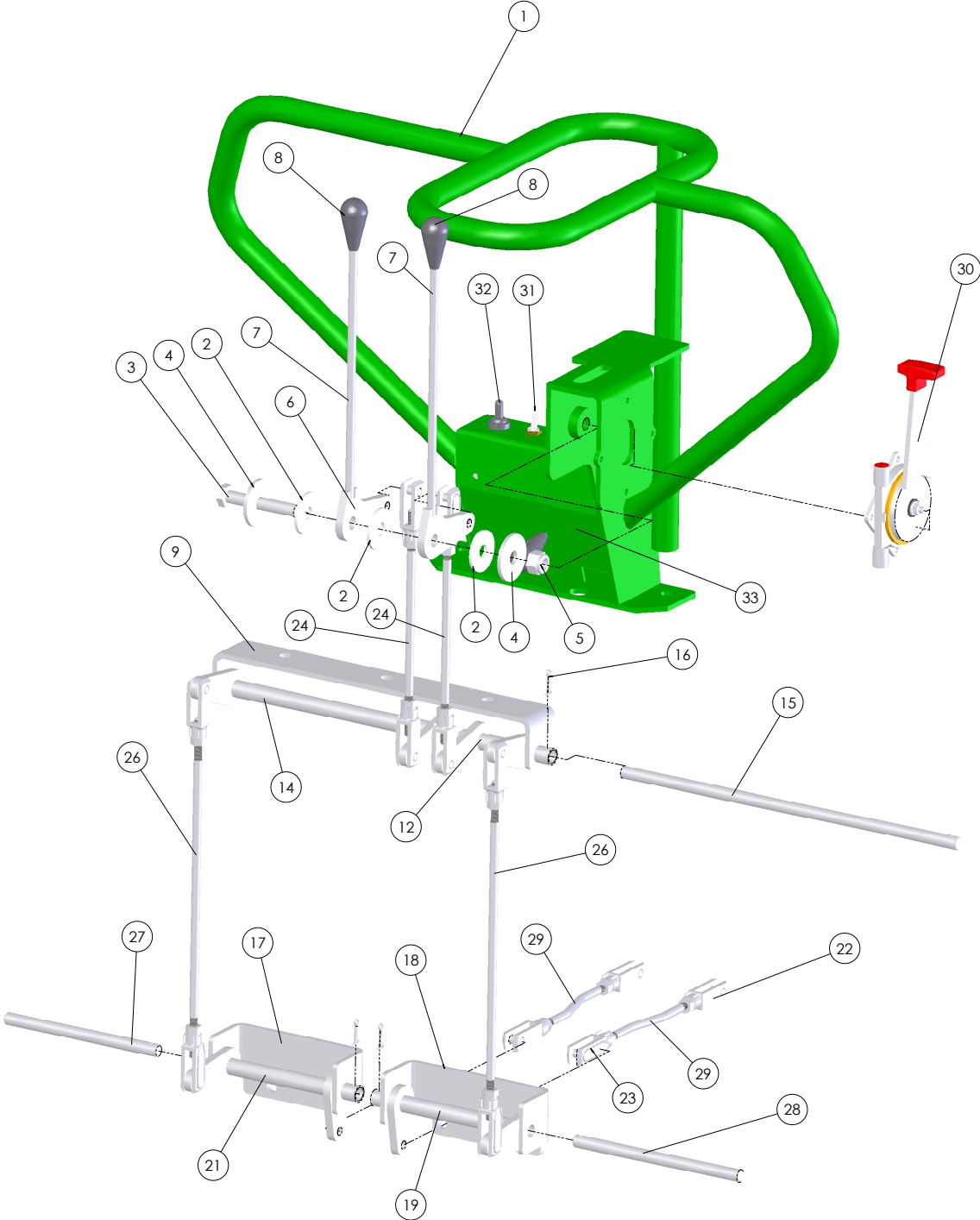
DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ST1928-1-113	OPERATOR CONSOLE	1
3	ST20004	THROTTLE LEVER	1
4	60820	BUTTON HD BOLT	1
9	91240	HEX HD BOLT	5
10	ST1928-1-35	SUMP GUARD	1
12	EC1928119	BATTERY	1
13	EC1523634/1	THROTTLE CABLE	1
14	ST1928-1-82	BATTERY COVER	1
15	60616	BUTTON HD BOLT	2
16	EC150006	METALASTIC BUSH	2
17	ST1928-1-126	SPACER	2
18	91402/P	LARGE PLAIN WASHER	2
19	914110	HEX HD BOLT	2
20	91401	NYLOC NUT	2
21	ST1928-1-77	PLATFORM	1
22	91602/B	PLAIN WASHER	6
24	91655	HEX HD BOLT	2
25	ST1928-1-77-3	TREADPLATE	1
26	ST1928-1-98	PLATFORM STOP	2
27	ST1928-1-76	TRANSPORT PIN	1
28	EC150021/1	SPRINGPIN	1
29	C150124	- BATTERY LEAD	1
30	C150123/1	+ BATTERY LEAD	1
58	91275	M12 x 75 bolt	1
59	9120245	FLAT WASHER X 45 DIA	2
60	91201	NYLOC NUT	6
61	90801P	PLAIN NUT	12
62	S460714-2	TRACK/CHIP SWITCH QUADTRAK ONLY	1
63	91001-NYLOC	M10 NYLOC NUT	4
64	91002	FLAT WASHER	10
65	91202	FLAT WASHER	10
66	BUMP STOP		2
67	91601	M16 nyloc nut	2



TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°	FINISH: DRAWN: BGG CHKD: APPRD: BGG	SIGNATURE: DATE: 12/12/06 DESIGN AND DETAILS SHEET	TOLERANCES: MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
MATERIAL:			TITLE: FRONT END EXPLODED
WEIGHT:			DWG NO.: SCALE: 1:10
MOD: 14 MODIFICATION: 17 DRN: 18 APPRD: 19 DATE: 20			SHEET 1 OF 2



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ST1928-1-113	CONSOLE	1
2	N91204	M12 LARGE PLAIN WASHER	4
3	91275	HEX HD. BOLT	1
4	91202/N	LARGE PLAIN WASHER	2
5	91201	NYLOC NUT	1
6	ST1928-1-62	CONTROL LEVER	2
7	ST1928-1-61-1	LEVER ROD	2
8	ST1928-1-127	KNOB	3
9	ST1928-1-54	TOP LINK BKT	1
10	ST1928-1-54-1	SPINDLE SUPPORT	1
11	ST1928-1-52-1	FIXING TUBE	3
12	ST1928-1-116	PIVOT TUBE	1
13	ST1928-1-59	60MM BELL CRANK	6
14	ST1928-1-119	PIVOT TUBE	1
15	ST1928-1-120	PIVOT PIN	1
16	ST1928-1-128	SPLIT PIN	3
17	ST1928-1-52	NS LINK BKT	1
18	ST1928-1-53	OS LINK BKT	1
19	ST1928-1-118	PIVOT TUBE	1
20	ST1928-1-60	40MM BELL CRANK	2
21	ST1928-1-117	PIVOT TUBE	1
22	STC1928104	M8 LONG CLEVIS & PIN	12
23	STC1928104	M8 LONG CLEVIS PIN	12
24	ST1928-1-124	TOP LINK ROD	2
25	90801P	PLAIN NUT	12
26	ST1928-1-123	CENTRE LINK ROD	2
27	ST1928-1-122	PIVOT PIN	1
28	ST1928-1-121	PIVOT PIN	1
29	ST1928-1-125	VALVE ROD	2
30	ST20004	THROTTLE LEVER	1
31	S460714/2	TRACK-CHIP SWITCH	1
32	STM10016	TRACK IN-OUT SWITCH L&R	2
33	ST220-1-145	COVER	1

TOLERANCES: LINEAR: 0.025mm ANGULAR: 0.25°		FINISH:	NAME: BGG	SIGNATURE:	DATE: 12/12/06	DESIGN AND CHECK DATE:	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
			CHKD: BGG				
			APPRD: BGG				
		MATERIAL:	TITLE: OPERATOR CONSOLE				
		WEIGHT:	DWG NO.:				
			SCALE: 1:10				
			SHEET 2 OF 2				

MOD	MODIFICATION	DRN	APPRD	DATE

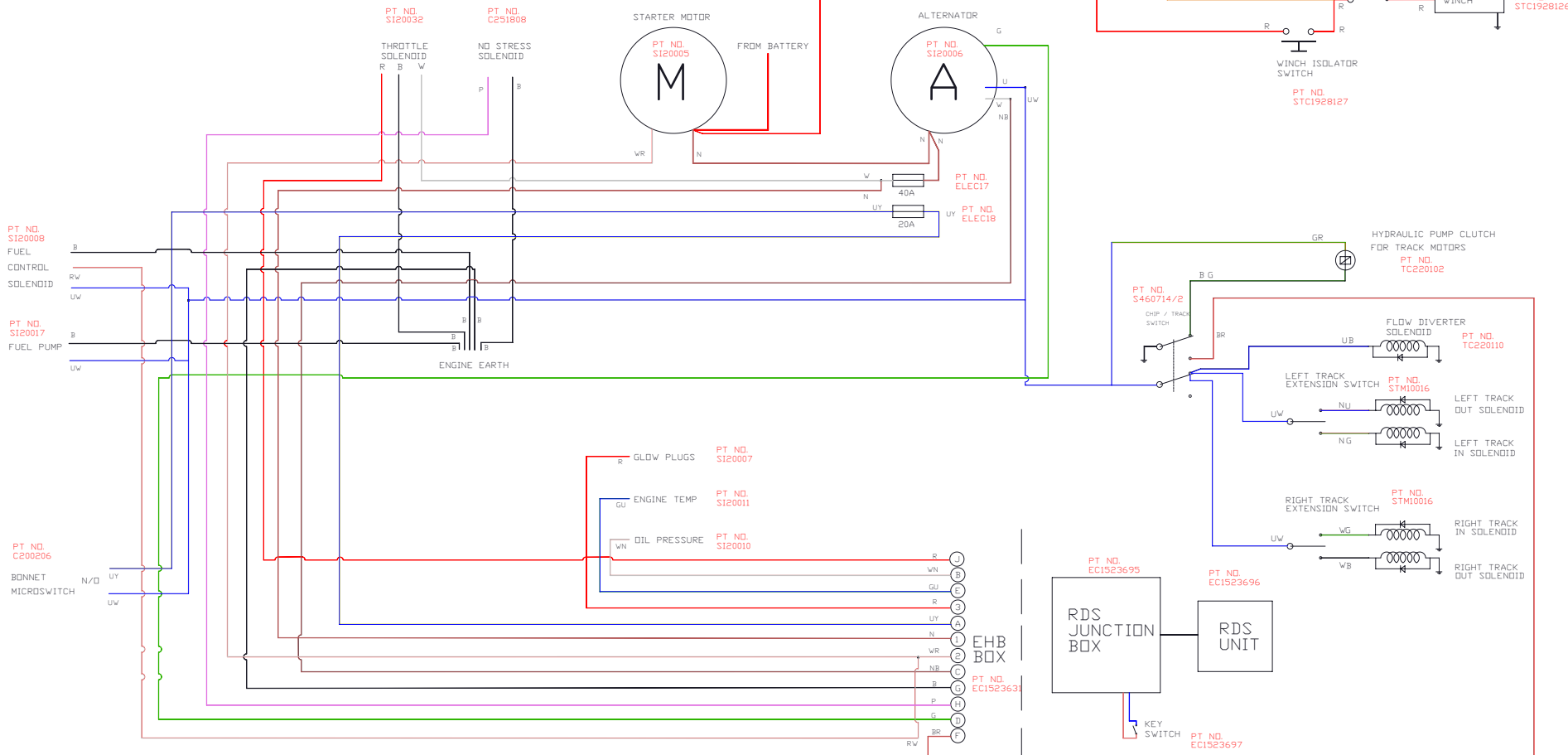
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	ST1928-1-43	STEEL FUEL TANK	1
2	ST1928-1-434	FILLER NECK	1
3	HOSE	2" HOSE X 500 LONG	1
4	STC1928120	63MM HOSE CLIP	2
5	STC1928122	CONTENTS GAUGE	1
6	STC1928109	LOCKABLE FILLER CAP	1
7	1-4-1-4 BANJO	1-4" BANJO X HOSETAIL FITTING	1
8	PIPE	1-4" BLEED PIPE X 1350 LONG	1
9	ECM15044/4	12MM HOSE CLIP	2
10	1-4-1-4M BANJO	1-4" X 1-4" MM BANJO	1
11	1-4-516 HT	1-4" X 5-16" HOSETAIL	3
12	1bw	1" BONDED WASHER	1
13	1-1-4R	1" X 1-4" REDUCER	1
14	5-16X150	SUCTION PIPE X 150 LONG	1
15	1-4-1-4MNN BANJO	1-4" HOLLOW MALE BANJO	1
16	5-15HC	14MM HOSE CLIP	4
17	PIPE	5-16" SUCTION PIPE X 1000 LONG	1

DO NOT SCALE - IF IN DOUBT ASK

THIS DRAWING IS 1ST ANGLE PROJECTION

DIMENSIONS IN MILLIMETERS

SAFETRACK 1928
ISUZU 4LE1
WITH EITHER
EHB CONTROLLER
OR
RDS CONTROLLER



COLOUR CODE

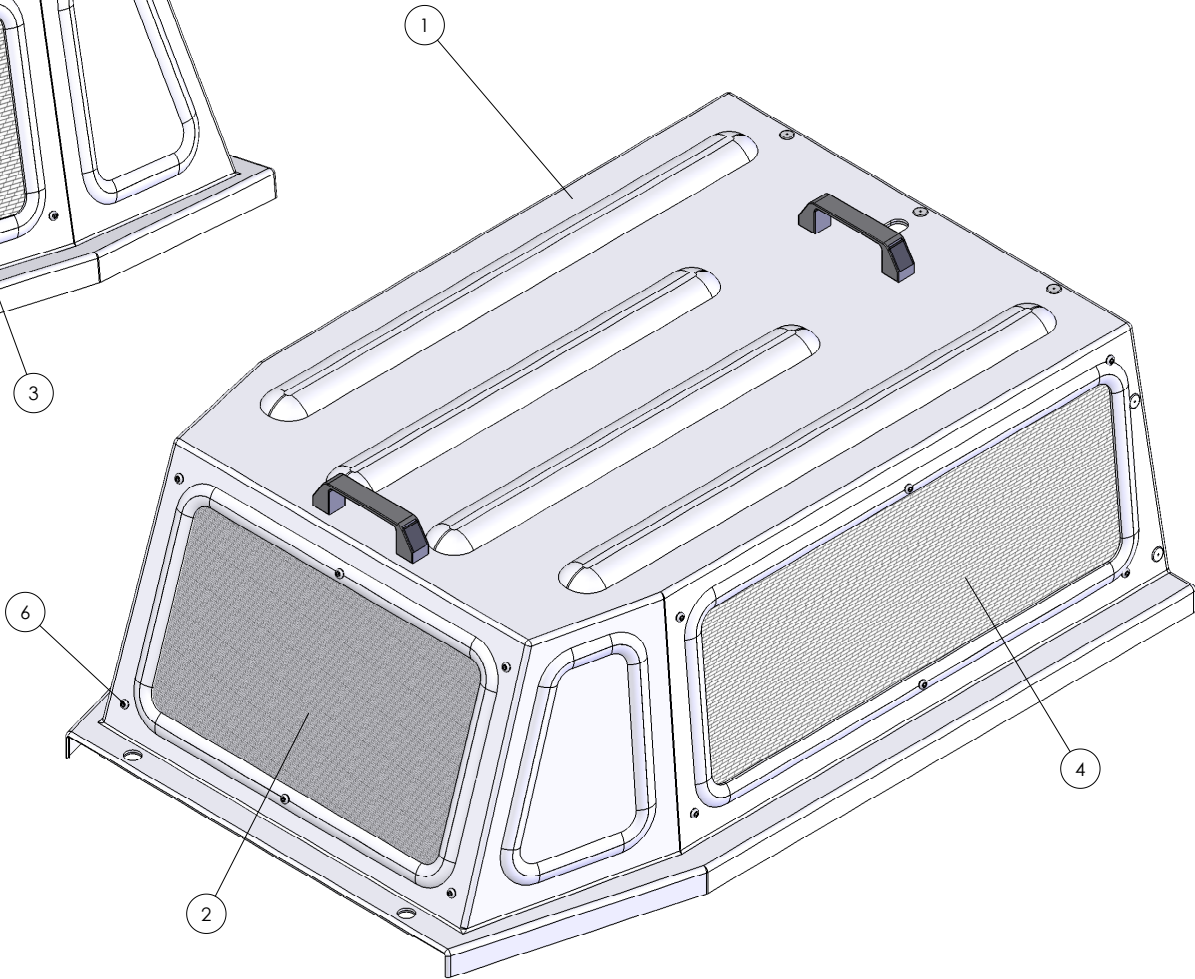
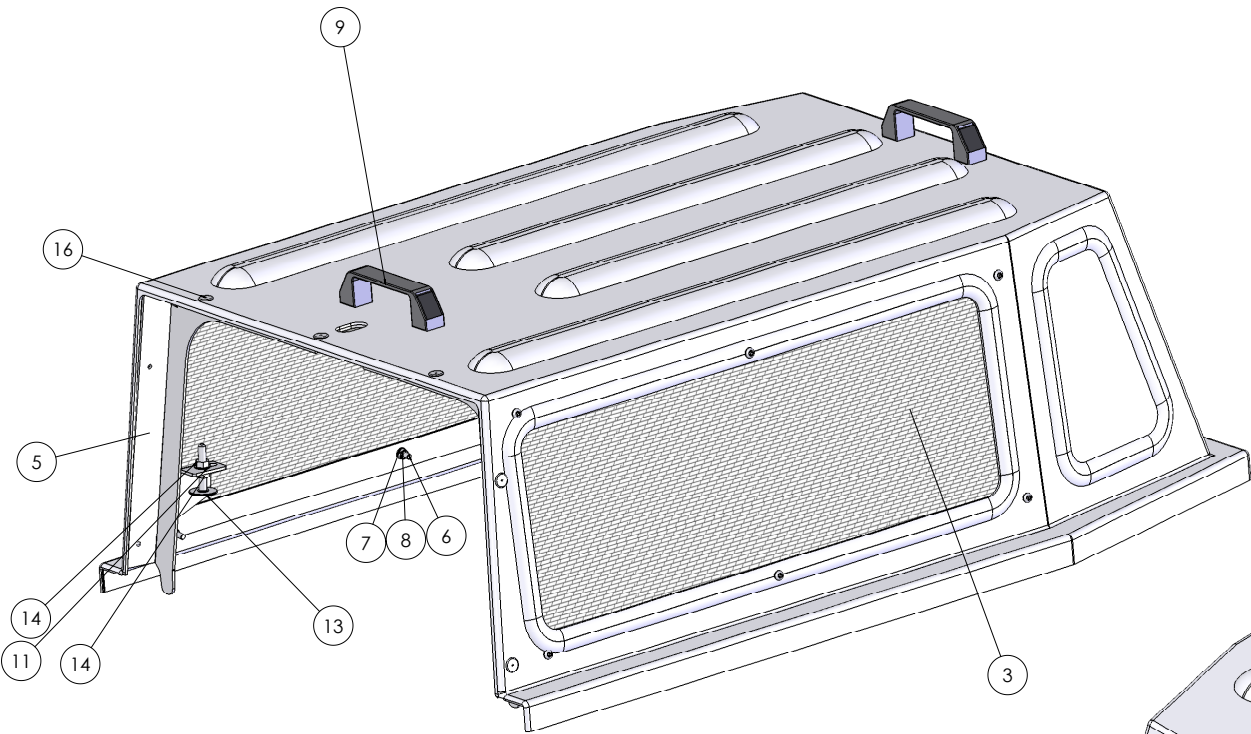
R = RED
B = BLACK
G = GREEN
N = BROWN
U = BLUE
Y = YELLOW
K = PINK
P = PURPLE
W = WHITE
O = ORANGE
S = GREY

HARNESS

PT NO.
STC1928124

TOLERANCE ON ALL OPEN DIMENSIONS		Designed by BGG	Checked by xxx	Approved BGG	Filename xxx	Date 27/04/05	Scale 1/1
MACHINED PARTS +/- 0.25mm		TITLE ST1928 ELECTRICAL					
FABRICATED PARTS +/- 1.0mm		PART NO				Issue A	Sheet 1 OF 1

A	RDS CONTROLLER ADDED	15/3/07	BGG
Issue	Modifications	Date	Slg

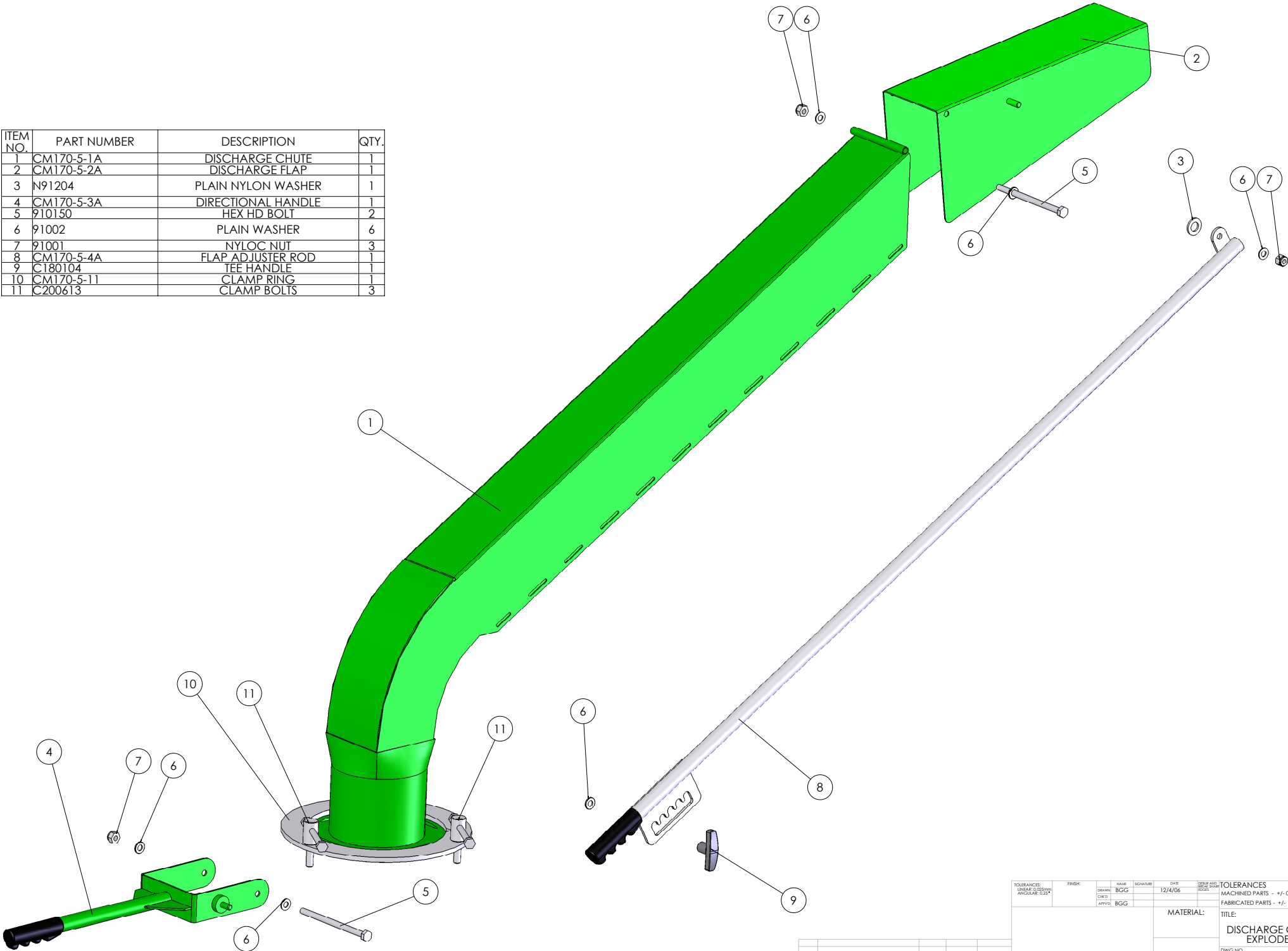


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC151011	BONNET MOULDING	1
2	ST1928-1-40A	SAFETRACK FRONT GRILL	1
3	ST1928-1-41AO	SIDE GRILL OFFSIDE	1
4	ST1928-1-41AN	SIDE GRILL NEARSIDE	1
5	ST1928-1-39A	BONNET STIFFENER	1
6	60625	BUTTON HD BOLT	18
7	90602	PLAIN WASHER	18
8	90601	NYLOC NUT	18
9	EC150012	BONNET HANDLE	2
10	90825	HEX HD BOLT	4
11	90802	PLAIN WASHER	4
12	90801	NYLOC NUT	4
13	EC130-1-105	MICROSWITCH BUTTON	1
14	90801P	PLAIN NUT	2
16	BIGHEAD RIVET	MONEL POP RIVET	7

TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°	FINISH:		NAME	SIGNATURE	DATE	DESIGN AND CHECKED BY	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
	DRAWN		BGG		10/4/06		
	CHKD						
	APPROV		BGG				
				MATERIAL:		TITLE: SAFETRACK BONNET	
				WEIGHT:		DWG NO.	
						SCALE:1:1 SHEET 1 OF 1	
						AD	

MOD	MODIFICATION	DRN	APPRD	DATE

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	910150	HEX HD BOLT	2
6	91002	PLAIN WASHER	6
7	91001	NYLOC NUT	3
8	CM170-5-4A	FLAP ADJUSTER ROD	1
9	C180104	TEE HANDLE	1
10	CM170-5-11	CLAMP RING	1
11	C200613	CLAMP BOLTS	3

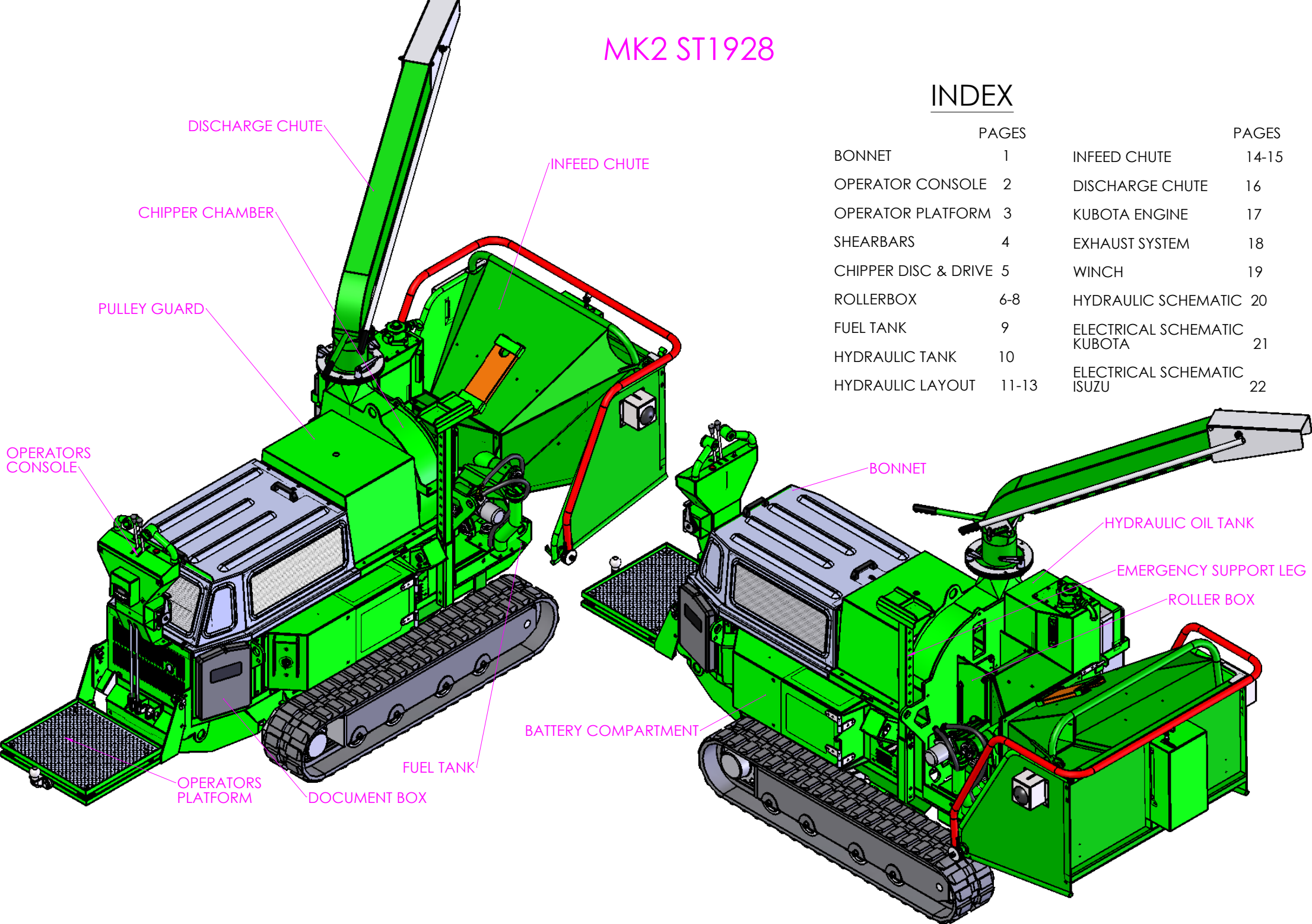


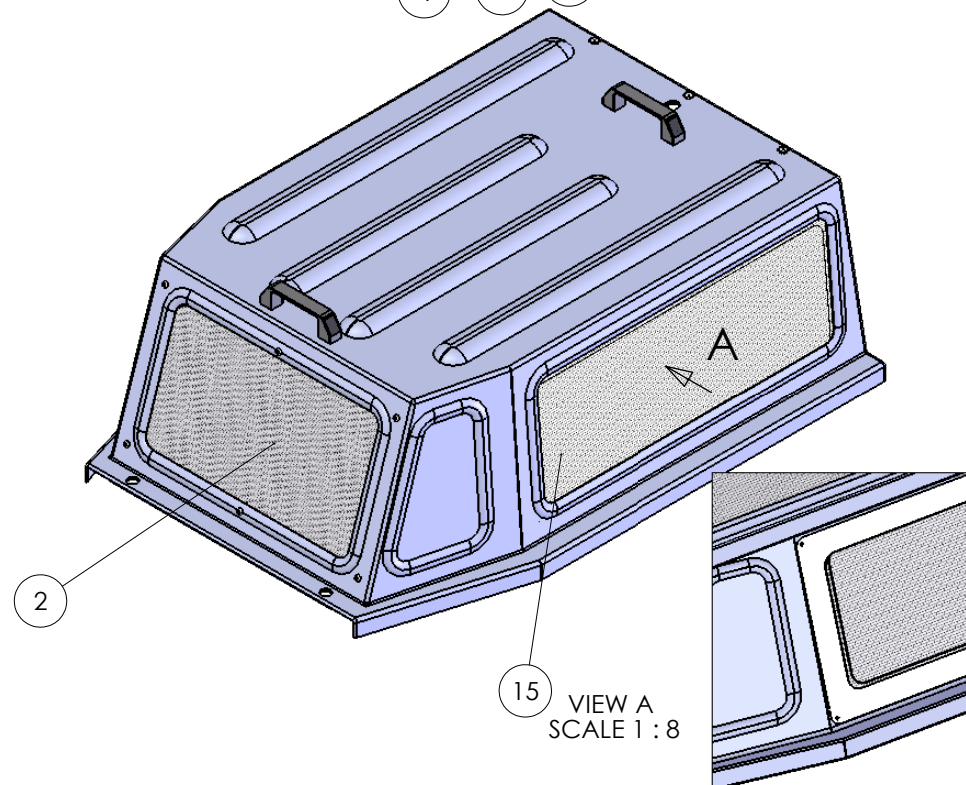
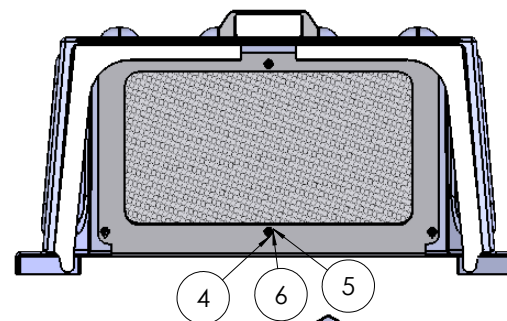
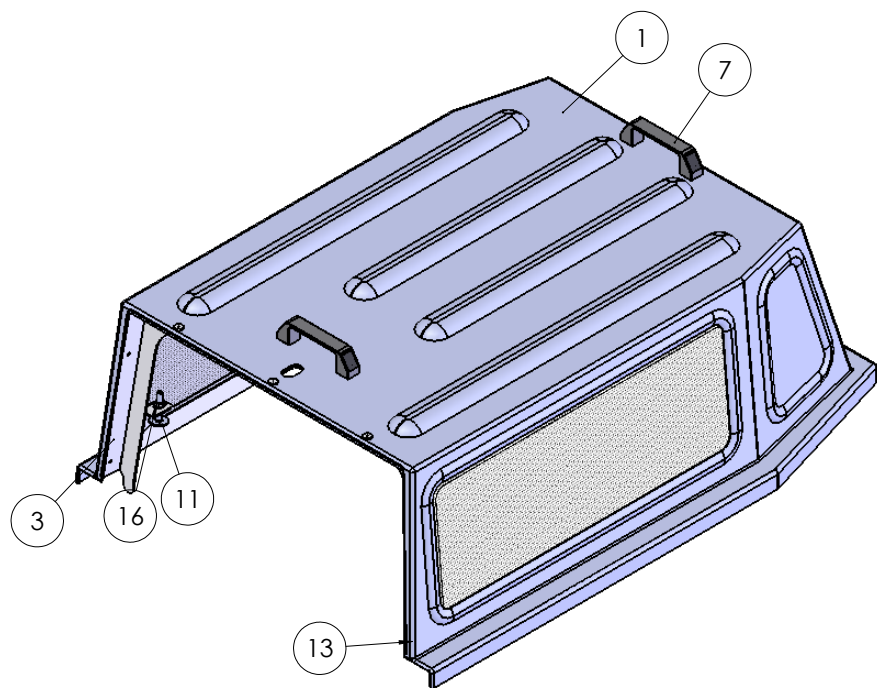
TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°		FINISH:	NAME BGG	SCHAUER	DATE 12/4/06	DESIGN AND DETAILS BGG	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
DRAWN BGG		APPROVED BGG	MATERIAL:				TITLE: DISCHARGE CHUTE EXPLODED
MOD		MODIFICATION	DRN	APPRD	DATE	WEIGHT:	
14		17	18	19	20	DWG NO.	
15		16	17	18	19	SCALE: 1:10	
16		17	18	19	20	SHEET 1 OF 1	

MK2 ST1928

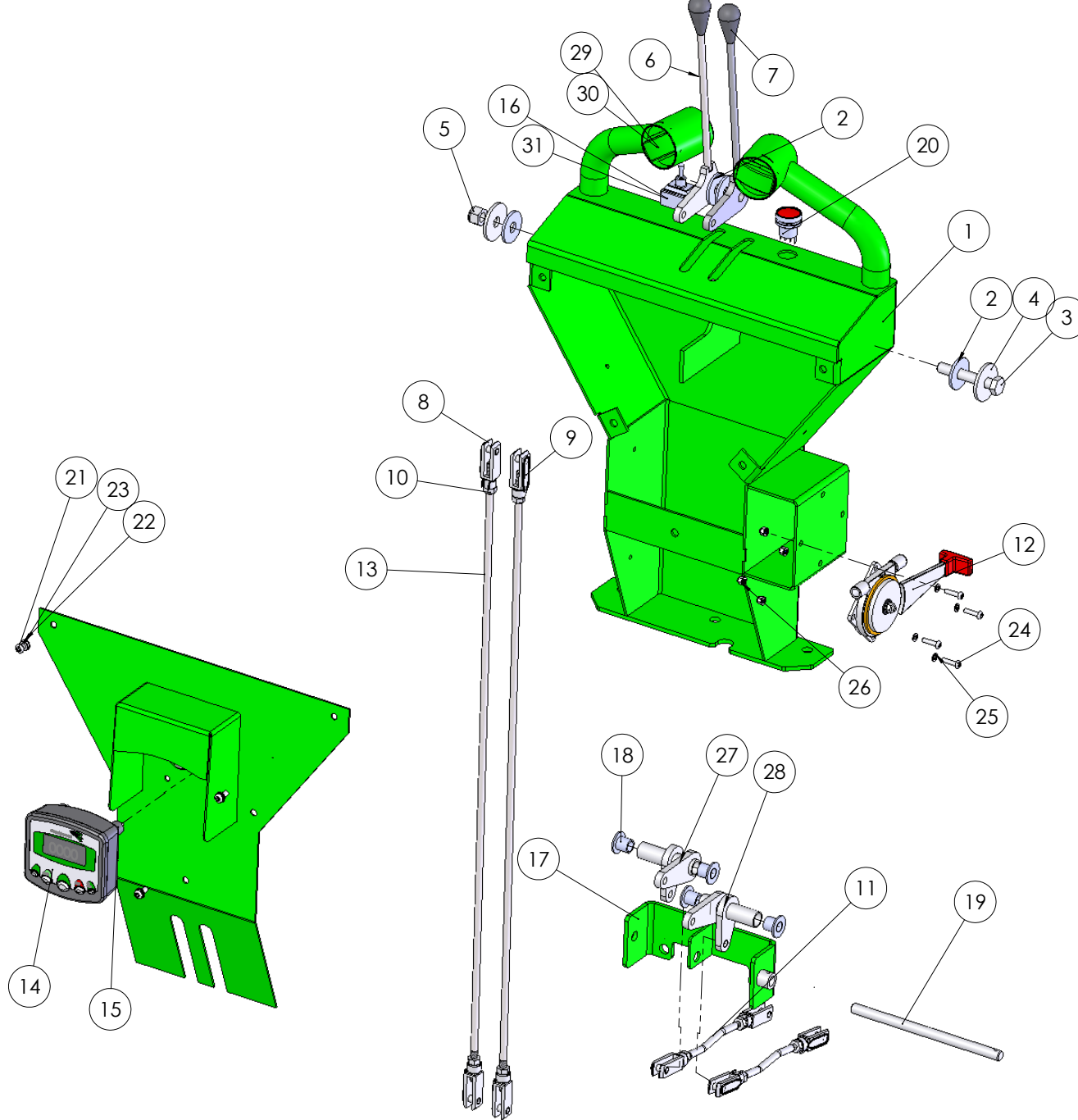
INDEX

	PAGES		PAGES
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OPERATOR PLATFORM	3	KUBOTA ENGINE	17
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CHIPPER DISC & DRIVE	5	WINCH	19
ROLLERBOX	6-8	HYDRAULIC SCHEMATIC	20
FUEL TANK	9	ELECTRICAL SCHEMATIC KUBOTA	21
HYDRAULIC TANK	10	ELECTRICAL SCHEMATIC ISUZU	22
HYDRAULIC LAYOUT	11-13		



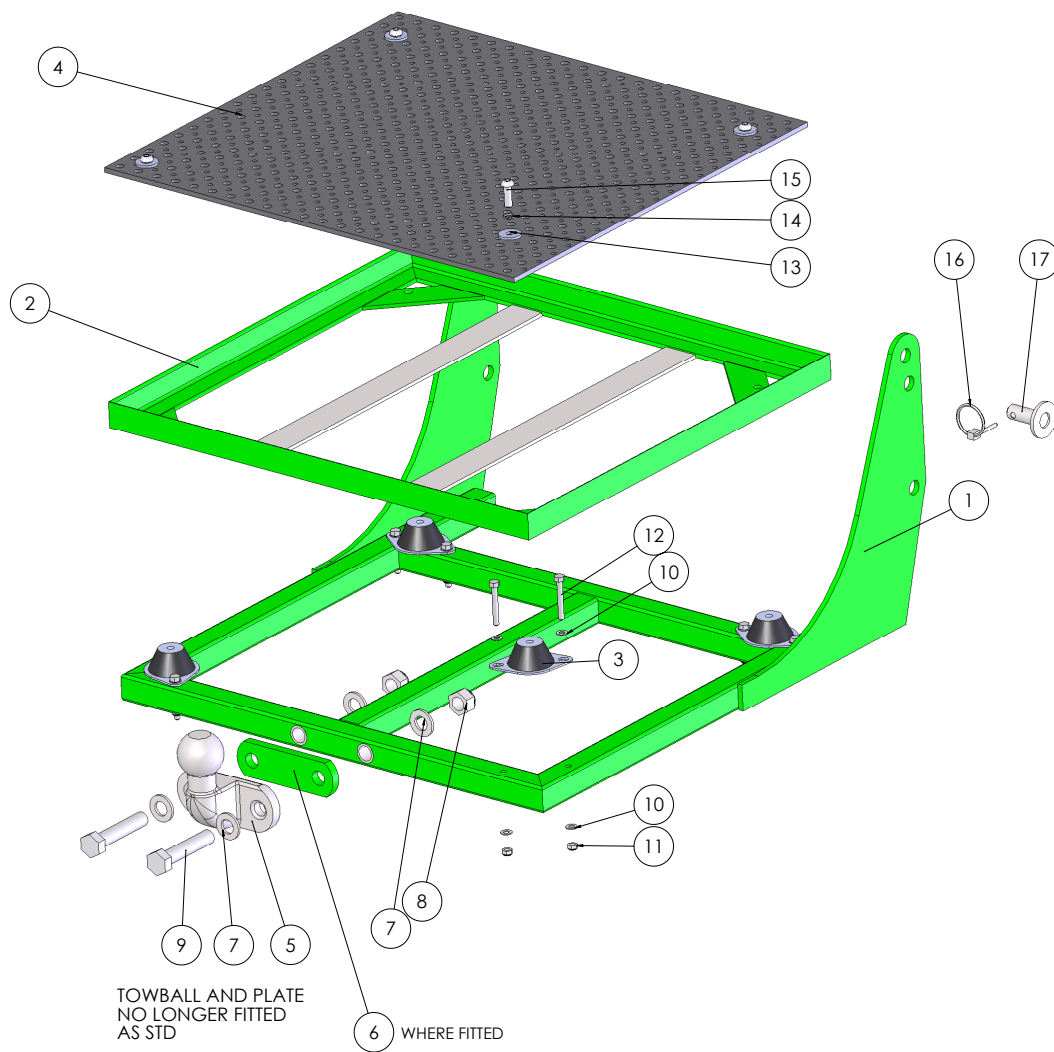


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC151011	Bonnet moulding	1
2	MK2 ST1928-1-40A	Front grill	1
3	ST1928-1-39A	Bonnet stiffener	1
4	60625BH	M6x25 Button head	6
5	90602	M6 flat washer	6
6	90601-Nyloc	M6 Nyloc nut	6
7	EC150012	BONNET HANDLE	2
8	90825	HEX HD BOLT	4
9	90802	M8 Flat washer	6
10	90801-Nyloc	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



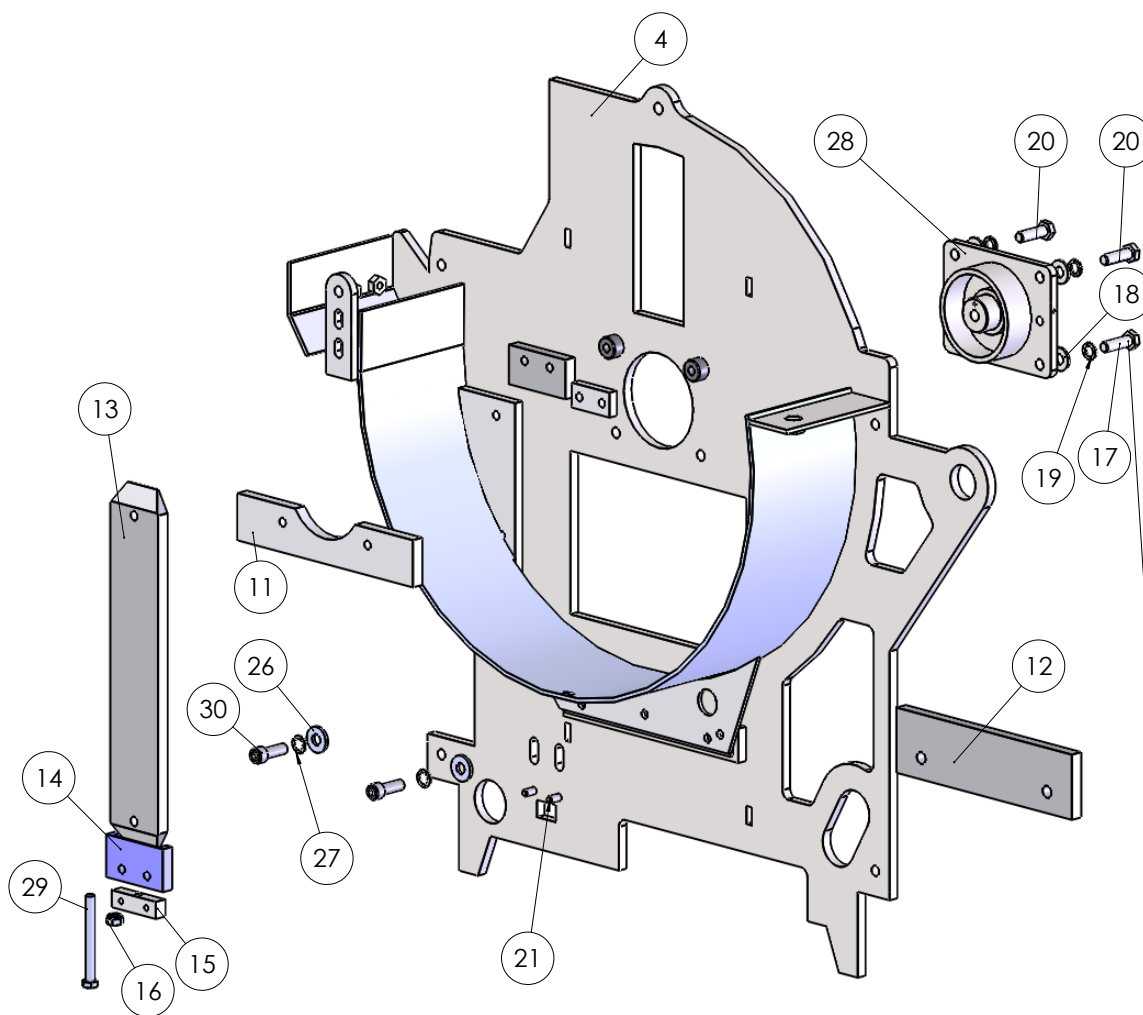
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MK2ST1928-1-113	CONSOLE	1
2	N9120238	38odx12.7id x 3.14thk	4
3	91275	M12 x 75 bolt	1
4	9120245	FLAT WASHER X 45 DIA	2
5	91201	NYLOC NUT	1
6	MK2 ST1928-1-62	Lever	2
7	ST1928-1-127	Lever knob	2
8	STC1928104	LONG CLEVIS	8
9	LONG CLEVIS PIN	INCLUDED WITH ABOVE	8
10	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	160dx12.2id 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

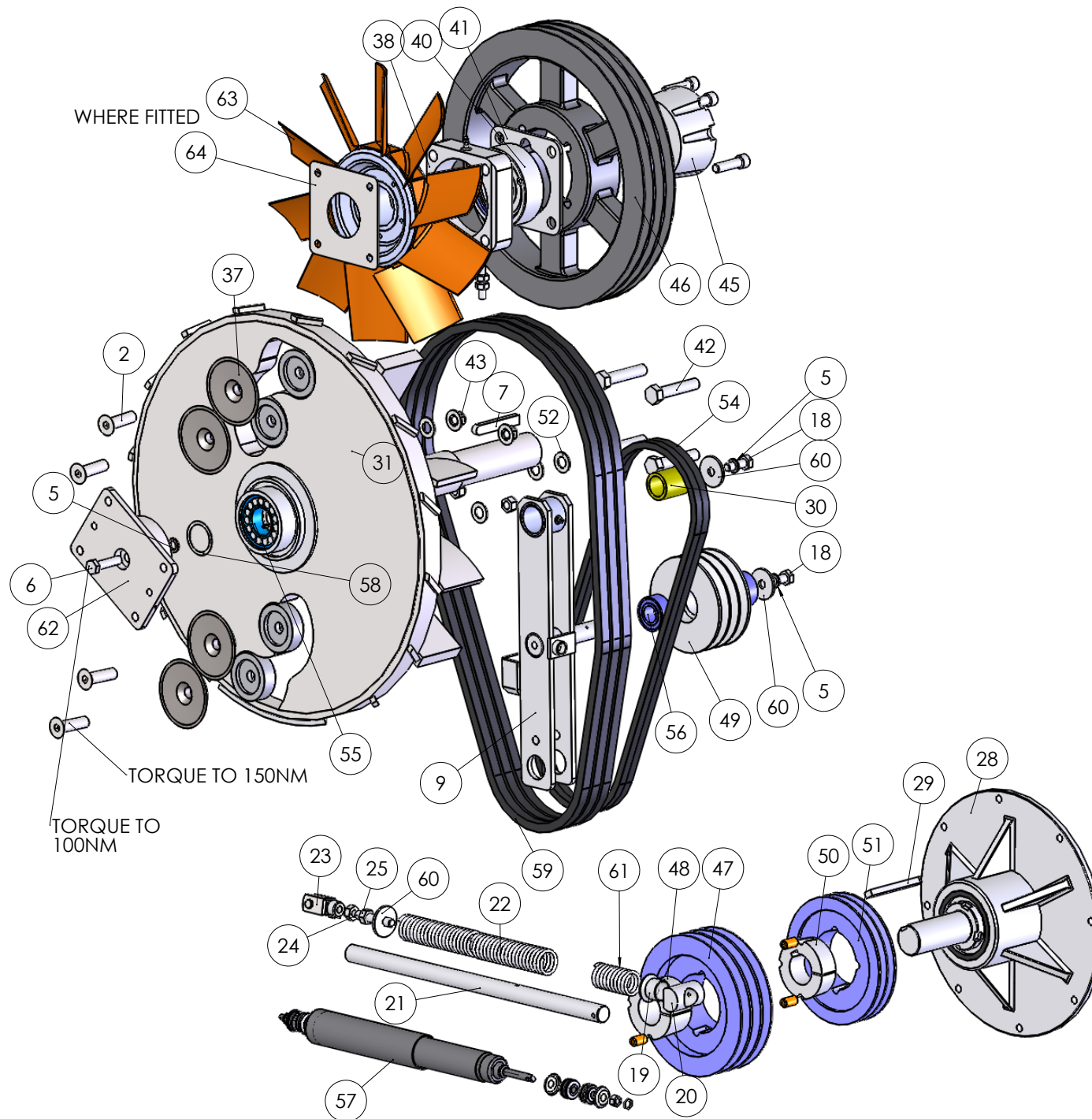
OPERATOR PLATFORM



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

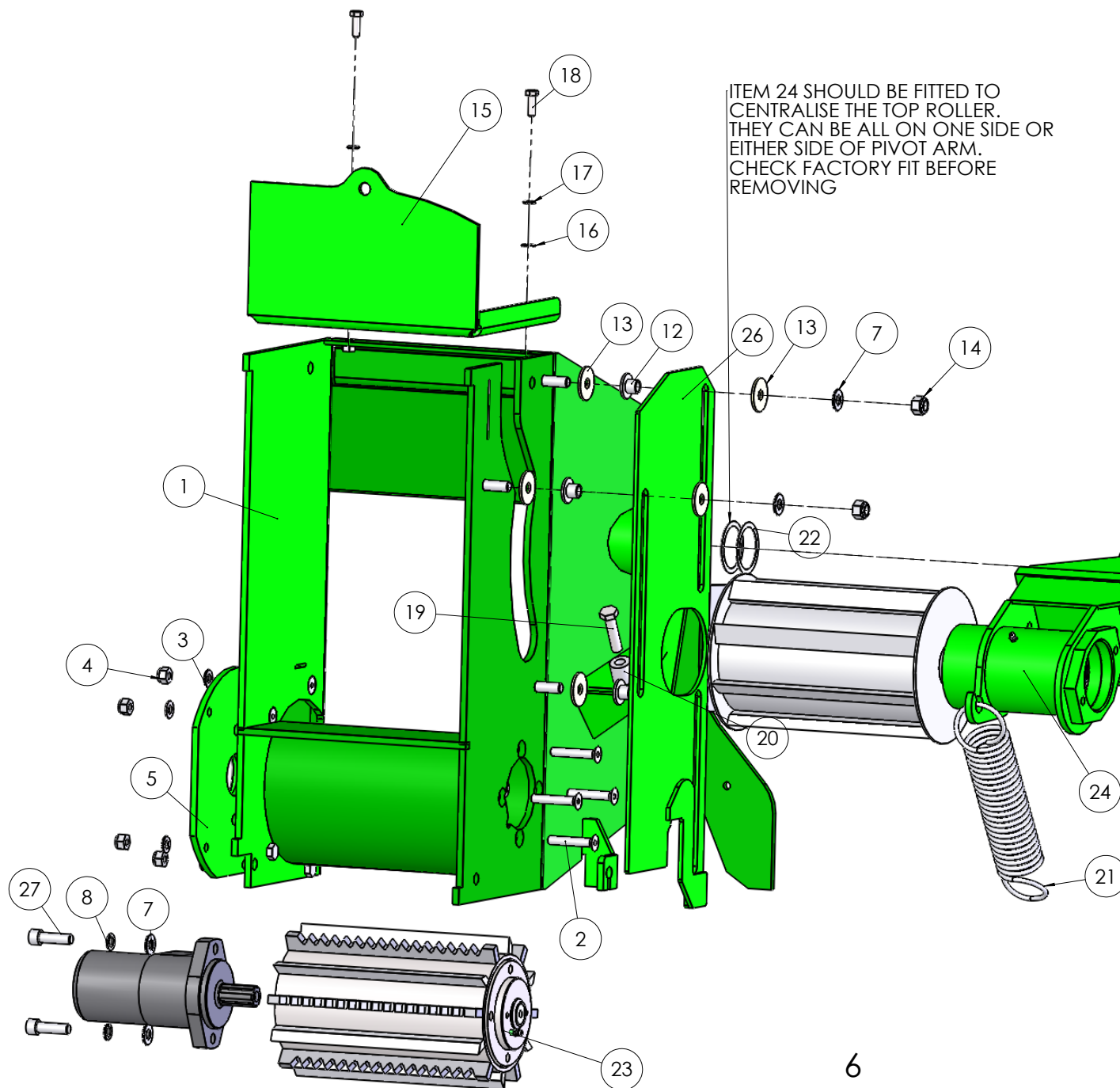
4 No Torque to 100NM plus locktite

CHIPPER CHAMBER SHEARBARS



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	91601	M16 nyloc nut	4
2	91650	M16 x 50 bolt	4
3	91203	M12 spring washer	3
4	91250	M12 x 50 bolt	1
5	14 X 9	Shaft key	1
6	91250	M12 x 50 bolt	1
7	91250	M12 x 50 bolt	1
8	91250	M12 x 50 bolt	1
9	91250	M12 x 50 bolt	1
10	91250	M12 x 50 bolt	1
11	91250	M12 x 50 bolt	1
12	91250	M12 x 50 bolt	1
13	91250	M12 x 50 bolt	1
14	91250	M12 x 50 bolt	1
15	91250	M12 x 50 bolt	1
16	91250	M12 x 50 bolt	1
17	91250	M12 x 50 bolt	1
18	91250	M12 x 50 bolt	1
19	91250	M12 x 50 bolt	1
20	91250	M12 x 50 bolt	1
21	91250	M12 x 50 bolt	1
22	91250	M12 x 50 bolt	1
23	91250	M12 x 50 bolt	1
24	91250	M12 x 50 bolt	1
25	91250	M12 x 50 bolt	1
26	91250	M12 x 50 bolt	1
27	91250	M12 x 50 bolt	1
28	91250	M12 x 50 bolt	1
29	91250	M12 x 50 bolt	1
30	91250	M12 x 50 bolt	1
31	91250	M12 x 50 bolt	1
32	91250	M12 x 50 bolt	1
33	91250	M12 x 50 bolt	1
34	91250	M12 x 50 bolt	1
35	91250	M12 x 50 bolt	1
36	91250	M12 x 50 bolt	1
37	91250	M12 x 50 bolt	1
38	91250	M12 x 50 bolt	1
39	91250	M12 x 50 bolt	1
40	91250	M12 x 50 bolt	1
41	91250	M12 x 50 bolt	1
42	91250	M12 x 50 bolt	1
43	91250	M12 x 50 bolt	1
44	91250	M12 x 50 bolt	1
45	91250	M12 x 50 bolt	1
46	91250	M12 x 50 bolt	1
47	91250	M12 x 50 bolt	1
48	91250	M12 x 50 bolt	1
49	91250	M12 x 50 bolt	1
50	91250	M12 x 50 bolt	1
51	91250	M12 x 50 bolt	1
52	91250	M12 x 50 bolt	1
53	91250	M12 x 50 bolt	1
54	91250	M12 x 50 bolt	1
55	91250	M12 x 50 bolt	1
56	91250	M12 x 50 bolt	1
57	91250	M12 x 50 bolt	1
58	91250	M12 x 50 bolt	1
59	91250	M12 x 50 bolt	1
60	91250	M12 x 50 bolt	1
61	91250	M12 x 50 bolt	1
62	91250	M12 x 50 bolt	1
63	91250	M12 x 50 bolt	1
64	91250	M12 x 50 bolt	1

CHIPPER DISC AND DRIVE



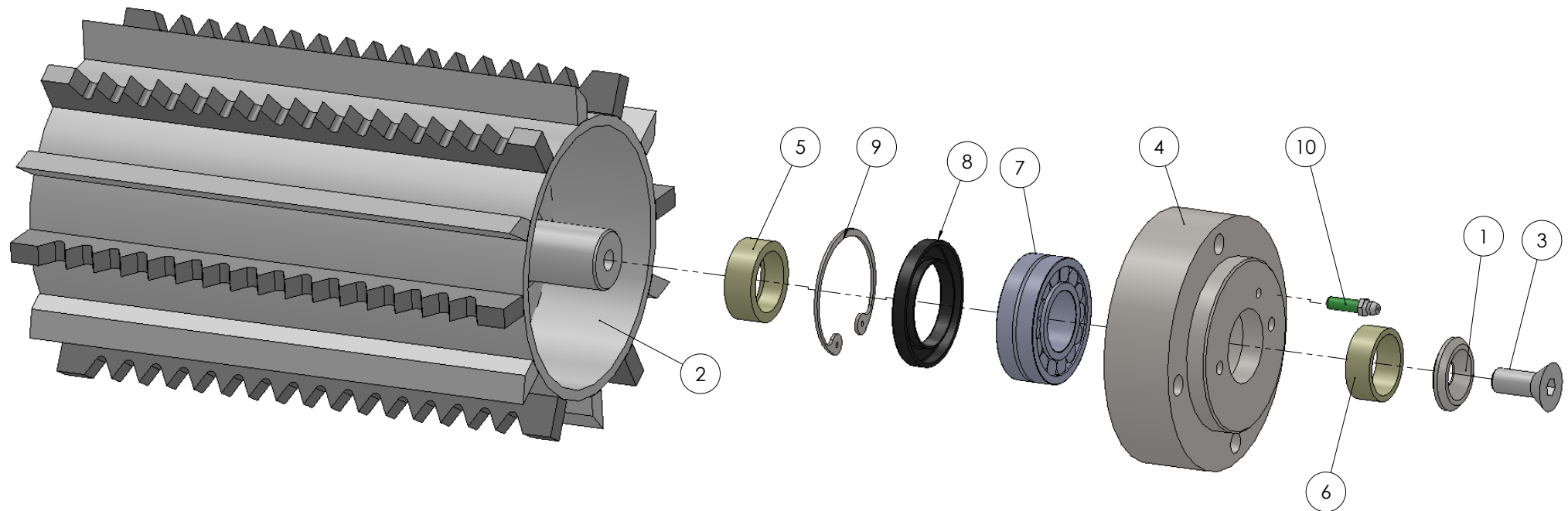
ITEM NO.	PART NUMBER	DESCRIPTION	Exploded/QT Y.
1	MK2 ROLLERBOX	ROLLERBOX FAB	1
2	91060CS	M10 x 60 csk	4
3	91002	M10 B WASHER	8
4	91001	M10 NYLOC NUT	8
5	EC1928-3-11A	Bottom roller motor plf	1
6	C200207-1	Bottom roller motor	2
7	91202	FLAT WASHER	5
8	91203	M12 S/WASHER	4
9	EC1928-3-38A	Pivot arm pin	1
10	91603	M16 spring washer	1
11	916240	M16 x 240 bolt	1
12	CM170-3-45	Slide bush	3
13	91202N	M12 nylon washer	6
14	91201	M12 nyloc	3
15	MK2 EC1928-3-15	Top cover plate	1
16	90802	M8 Flat washer	2
17	90803	M8 SPRING WASHER	2
18	90825	HEX HD BOLT	2
19	91250	HEX HEAD BOLT	1
20	CM220-3-48	Stop boss	1
21	C180119	PIVOT ARM SPRING	1
22	EC1928-3-67	1MM SHIM	4
23	MK2 BEARING HSG	Bottom roller assembly	1
24	MK2 PIVOT ARM EXPLODED	PIVOT ARM ASSY	1
25	91602B	M16 flat washer	1
26	MK2 EC1928-3-36A	pivot arm guard	1
27	71240	CAP HD BOLT	4
28	socket head cap screw		2
29	EC1928-3-70	PIVOT PIN	1
30	EC1928-3-71	PIVOT WASHER	1

FOR ASSEMBLY DETAIL
SEE PIVOT ARM EXPLODED DRAWING

NEW PIVOT PIN ITEMS 29 AND 30
REPLACES PART 9 ON 01/12/15
PART IS RETRO FIT
TAPPED END THIS SIDE

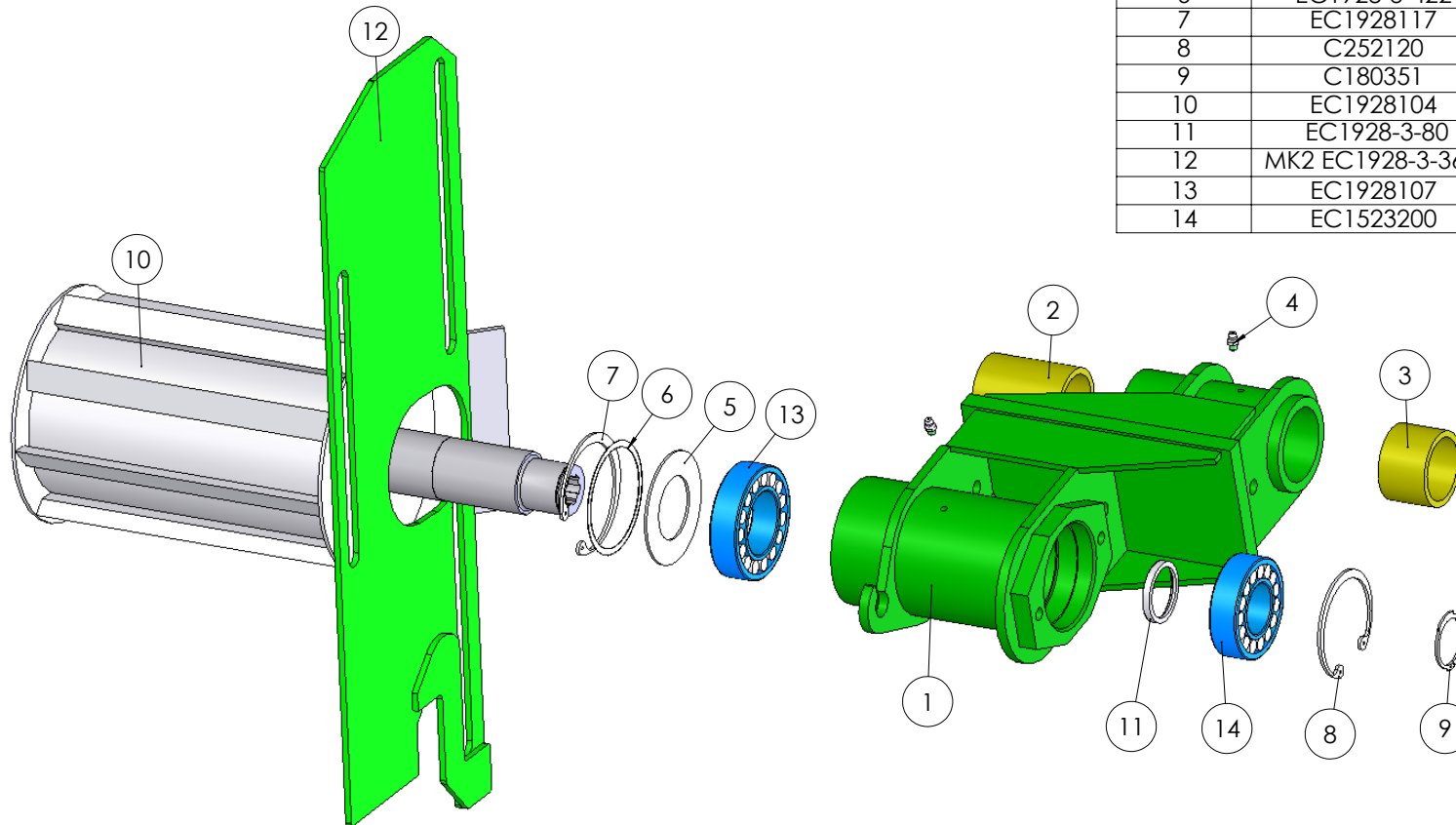
ROLLERS AND ROLLERBOX

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

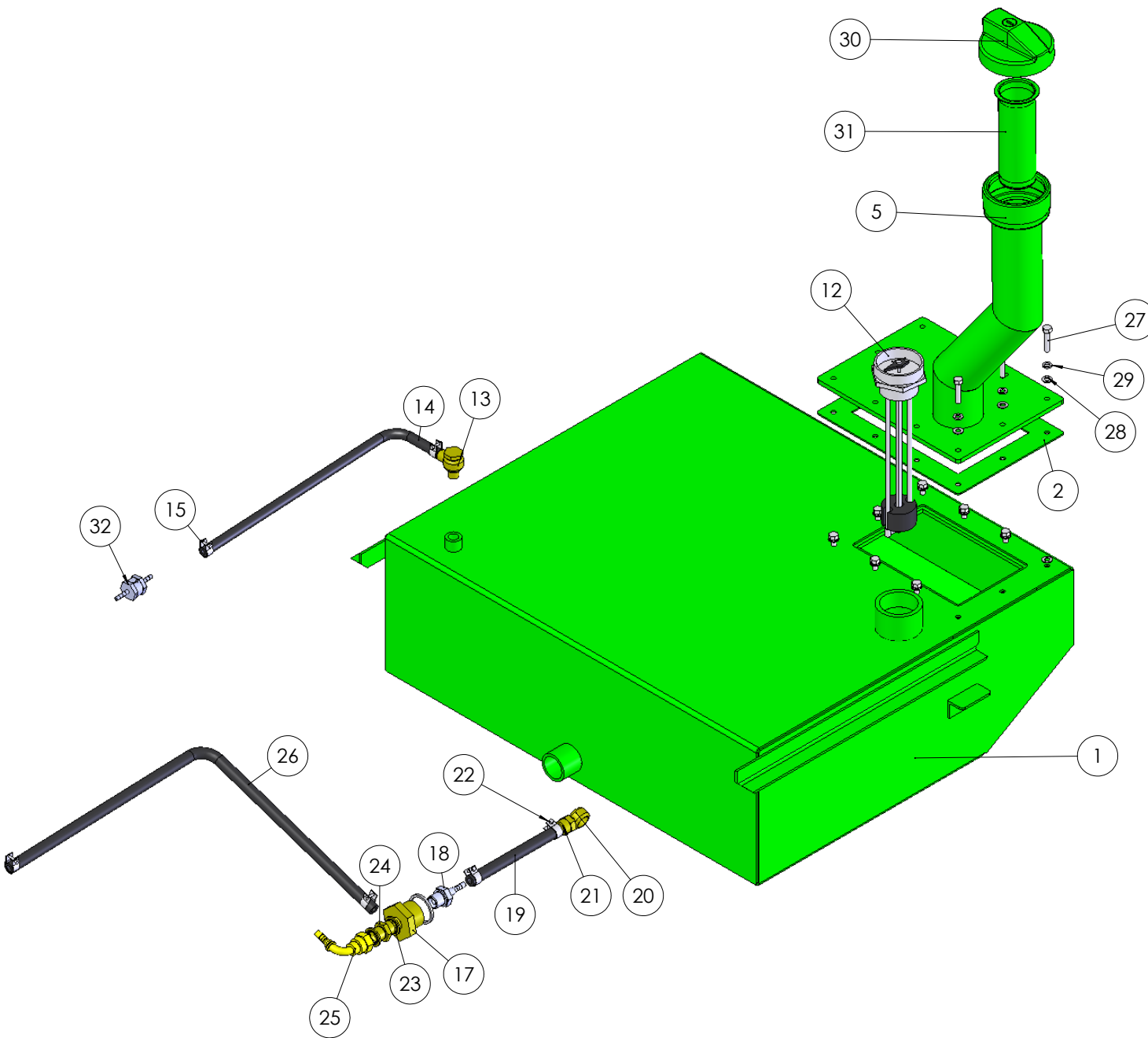


BOTTOM ROLLER

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

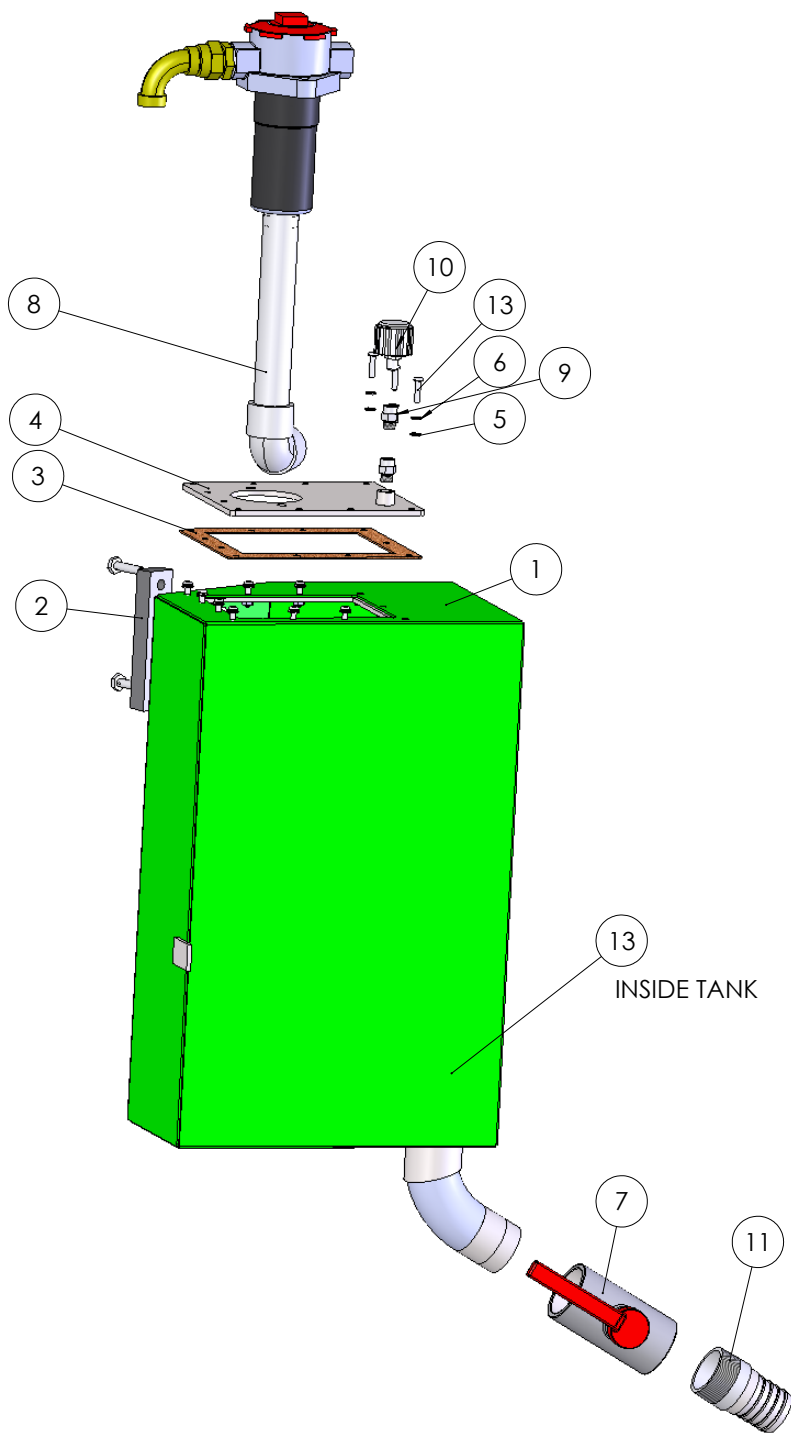


TOP ROLLER &
PIVOT ARM



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

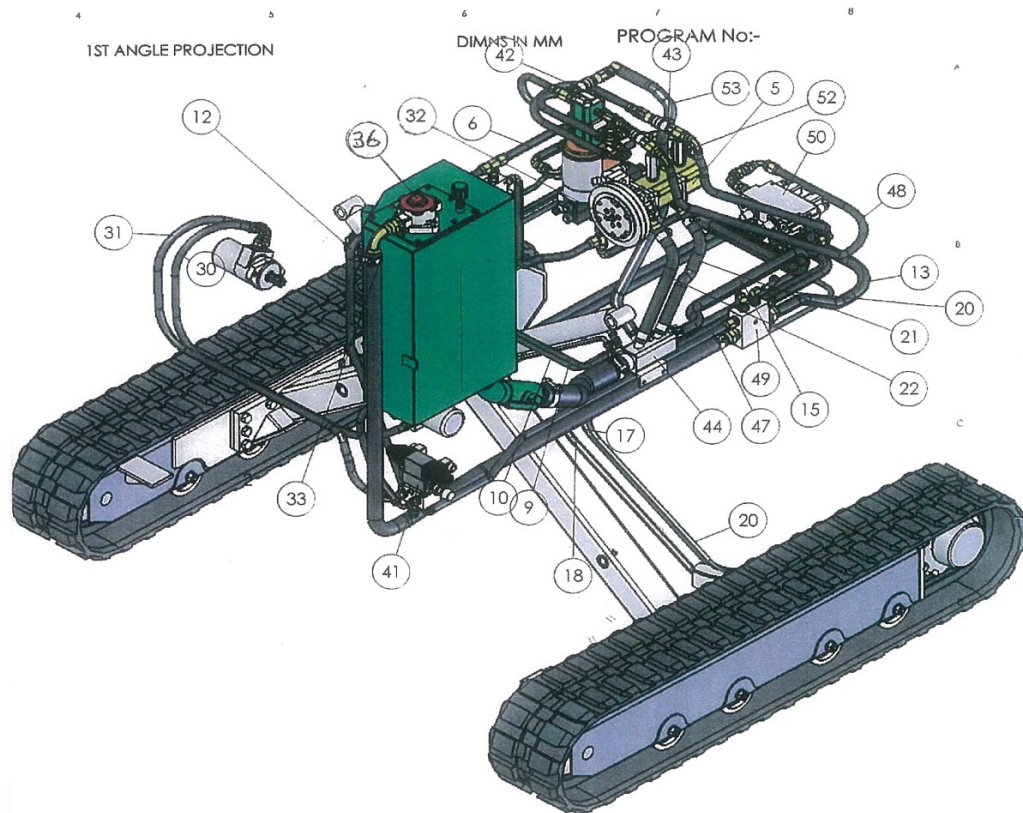
FUEL TANK



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
DRAWN RVNR
CHKD
APPRD BGG

SIGNATURE
DATE
1/10/09

MATERIAL

WEIGHT:

DEB'JR AND
BREAK SHARP
EDGES

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

TITLE:
Hyd Layout
Inc Emergency pump

DWG NO.
MK2 ST1928 Hydraulics
SCALE: 1:50

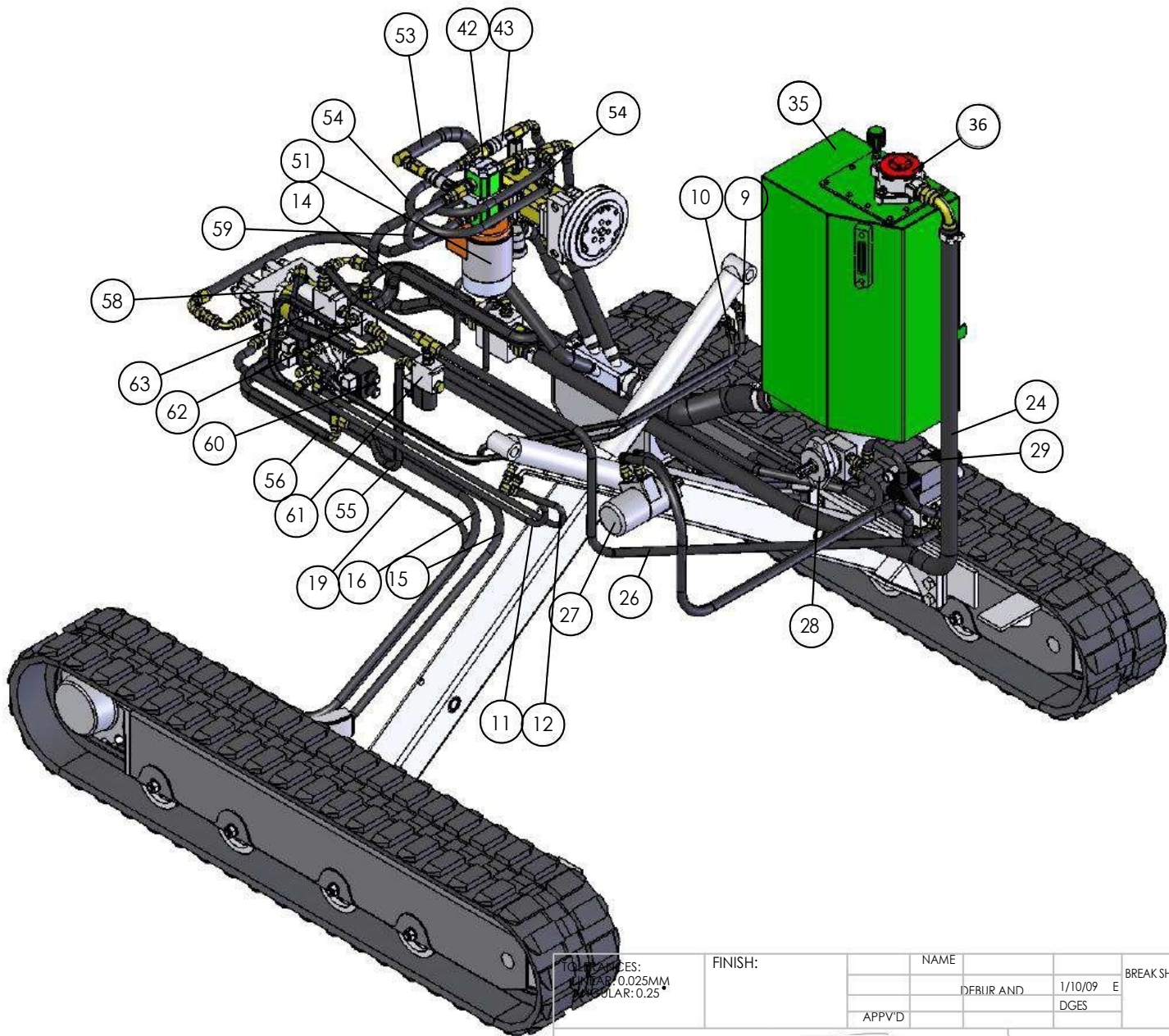
A3
SHEET 1 OF 2

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



TOLERANCES:
LINEAR: 0.025MM
ANGULAR: 0.25°

FINISH:

NAME

DEBUR AND

1/10/09

BREAK SHARP

TOLERANCES

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

MATERIAL:

TITLE:

WEIGHT:

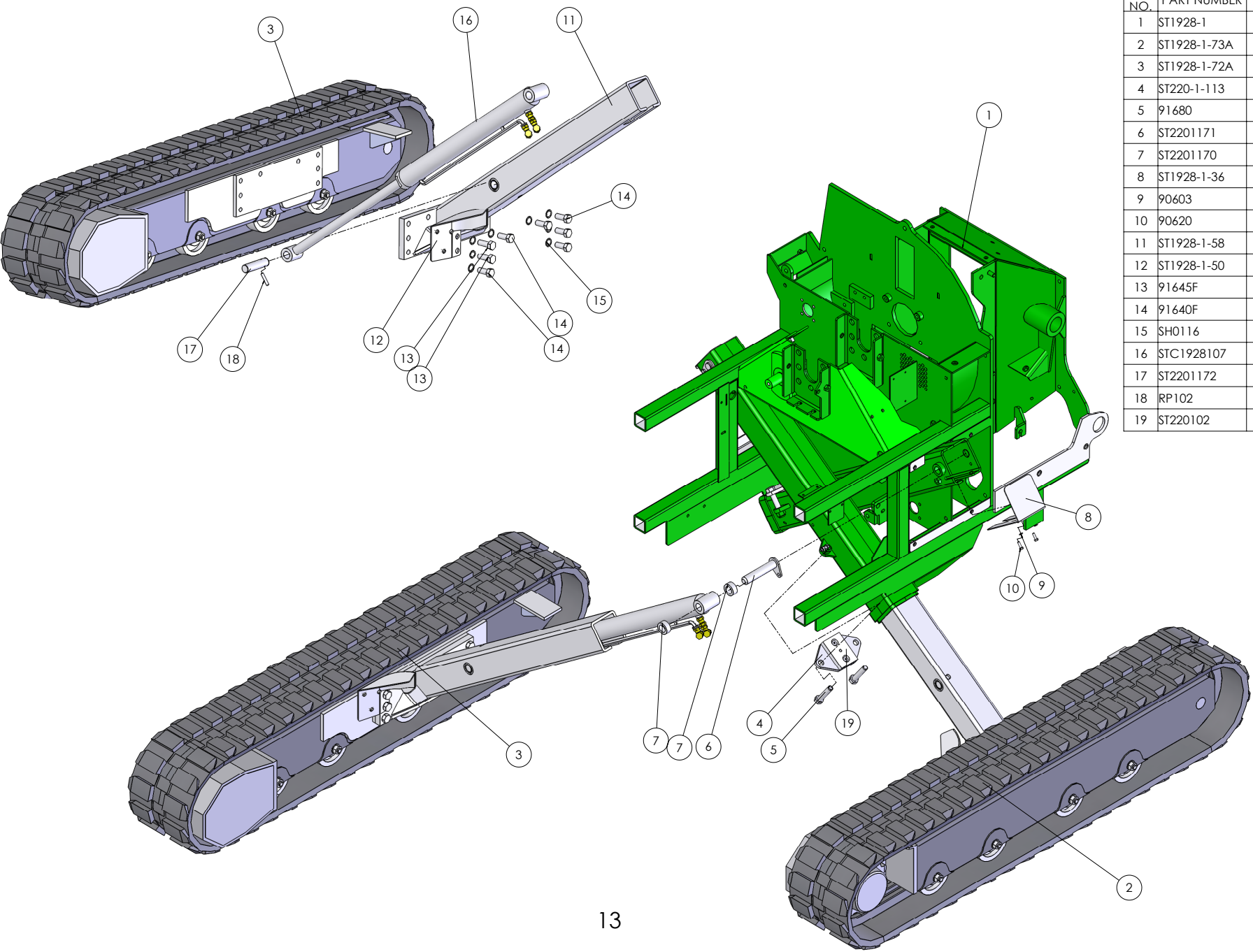
MK2 ST1928 Hydraulics

REV

MODIFICATION

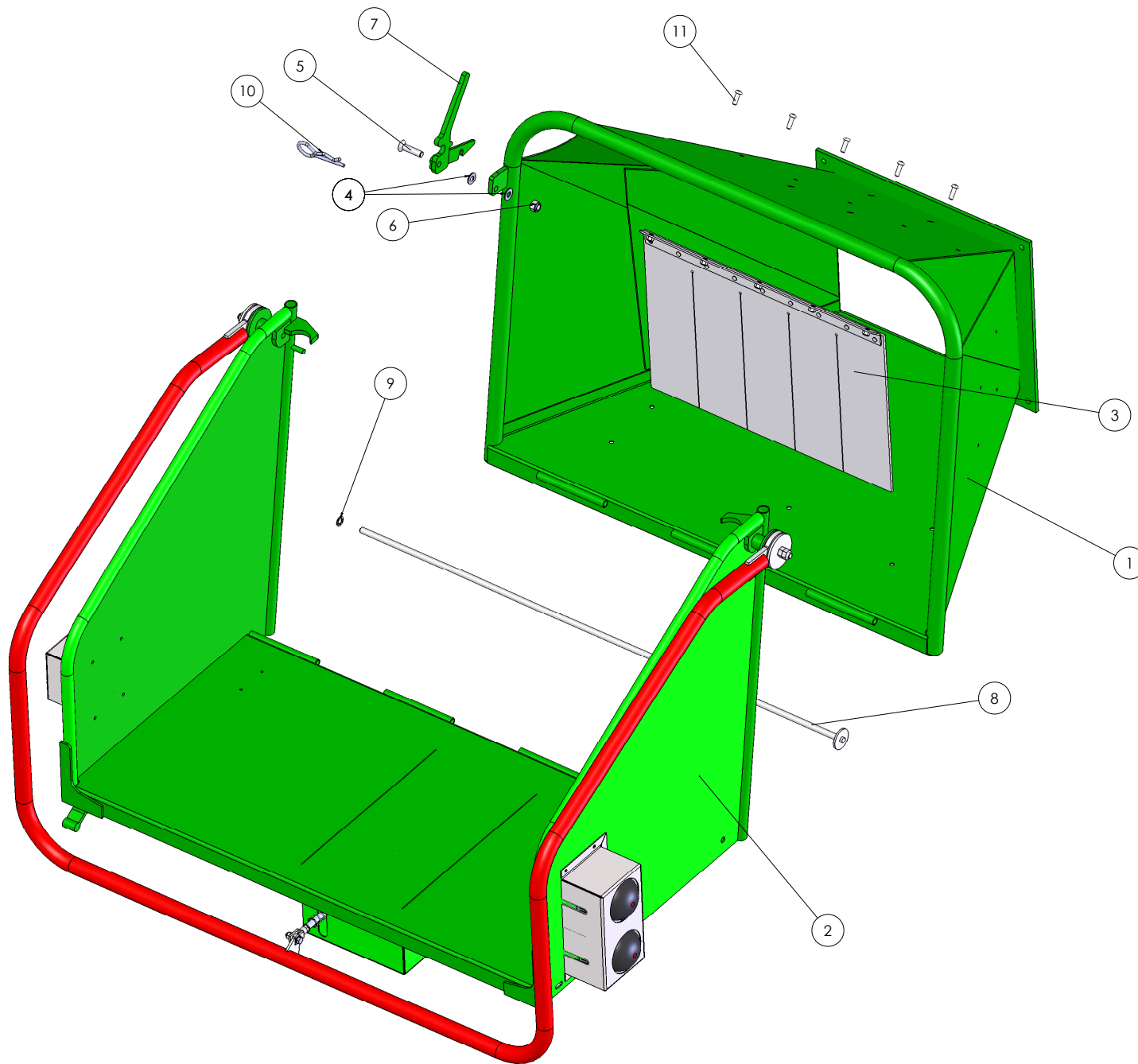
DRN APPD DATE

Works B49 502 Tel 01789 400044



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

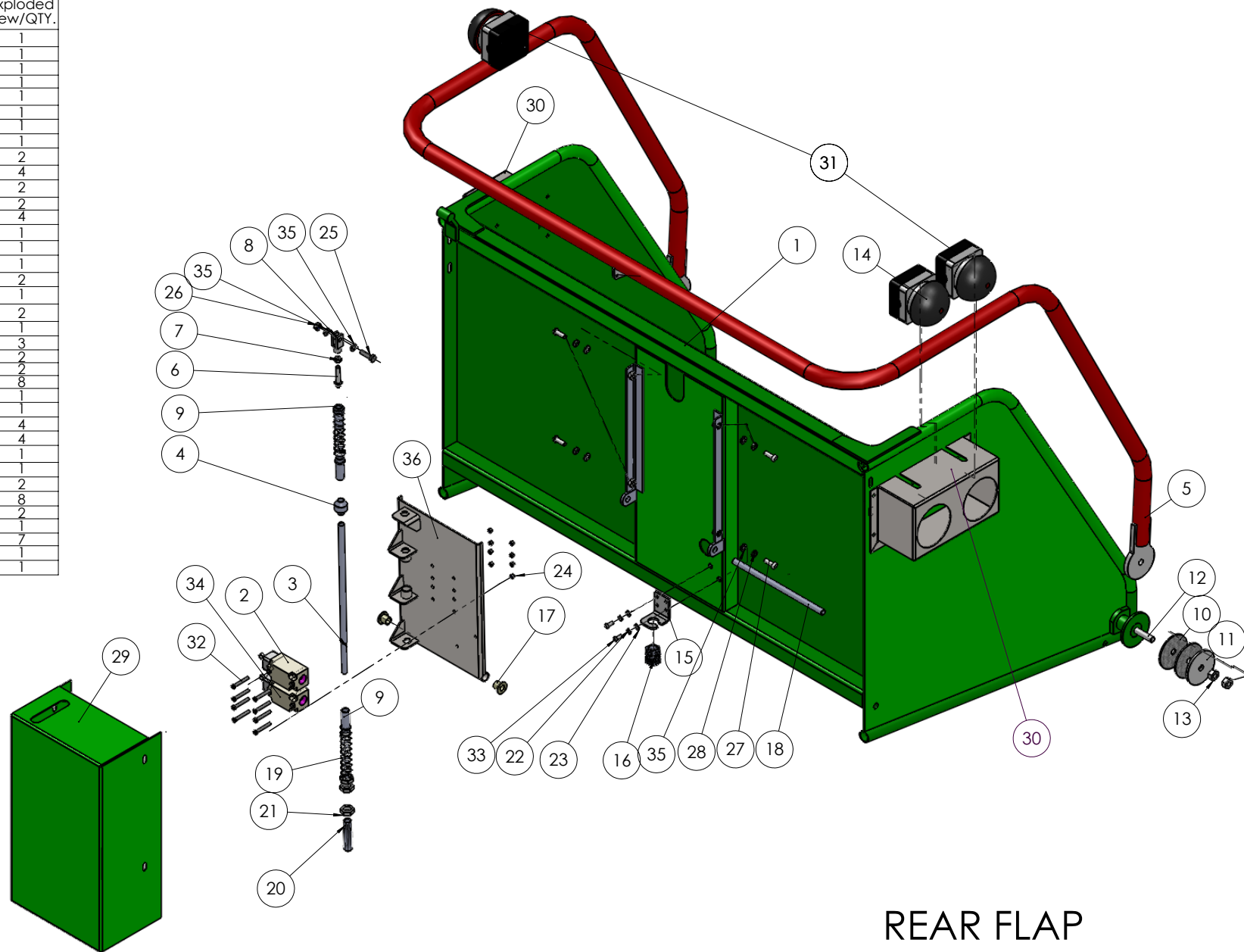


ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	MK2ST1928-4-1	INFEED CHUTE	1
2	MK2ST1928-4-8A	REAR FLAP	1
3	STC1928129	INFEED RUBBER SCREEN	1
4	91202	FLAT WASHER	2
5	81250CS	C/SUNK HD BOLT	1
6	91201	NYLOC NUT	1
7	MK2 CM170-4-19A	FLAP LATCH	1
8	CM170-4-14A	HINGE PIN	1
9	91204S	STARLOCK WASHER	1
10	9105	LARGE R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

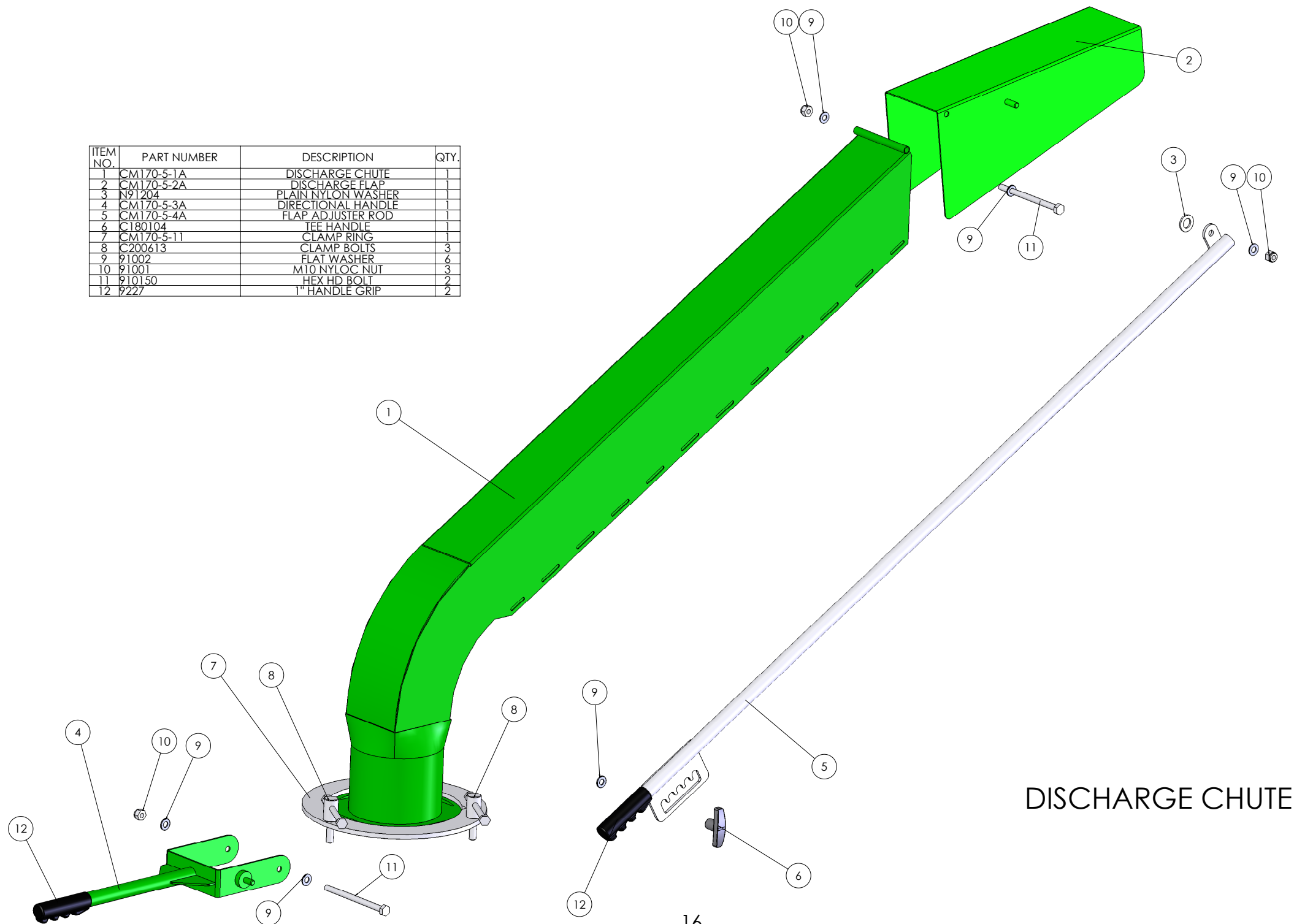
INFEED CHUTE

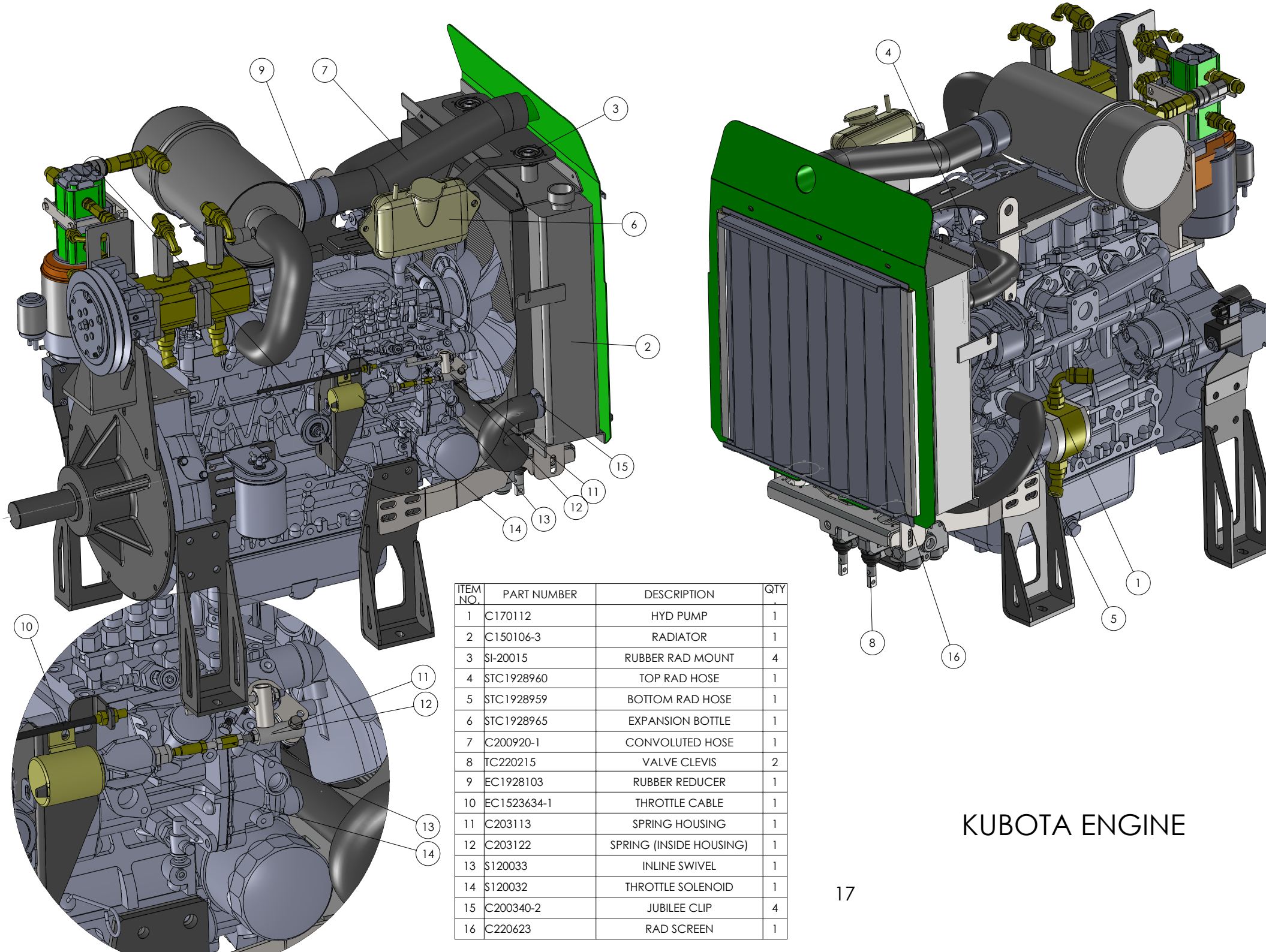
BOM Table

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

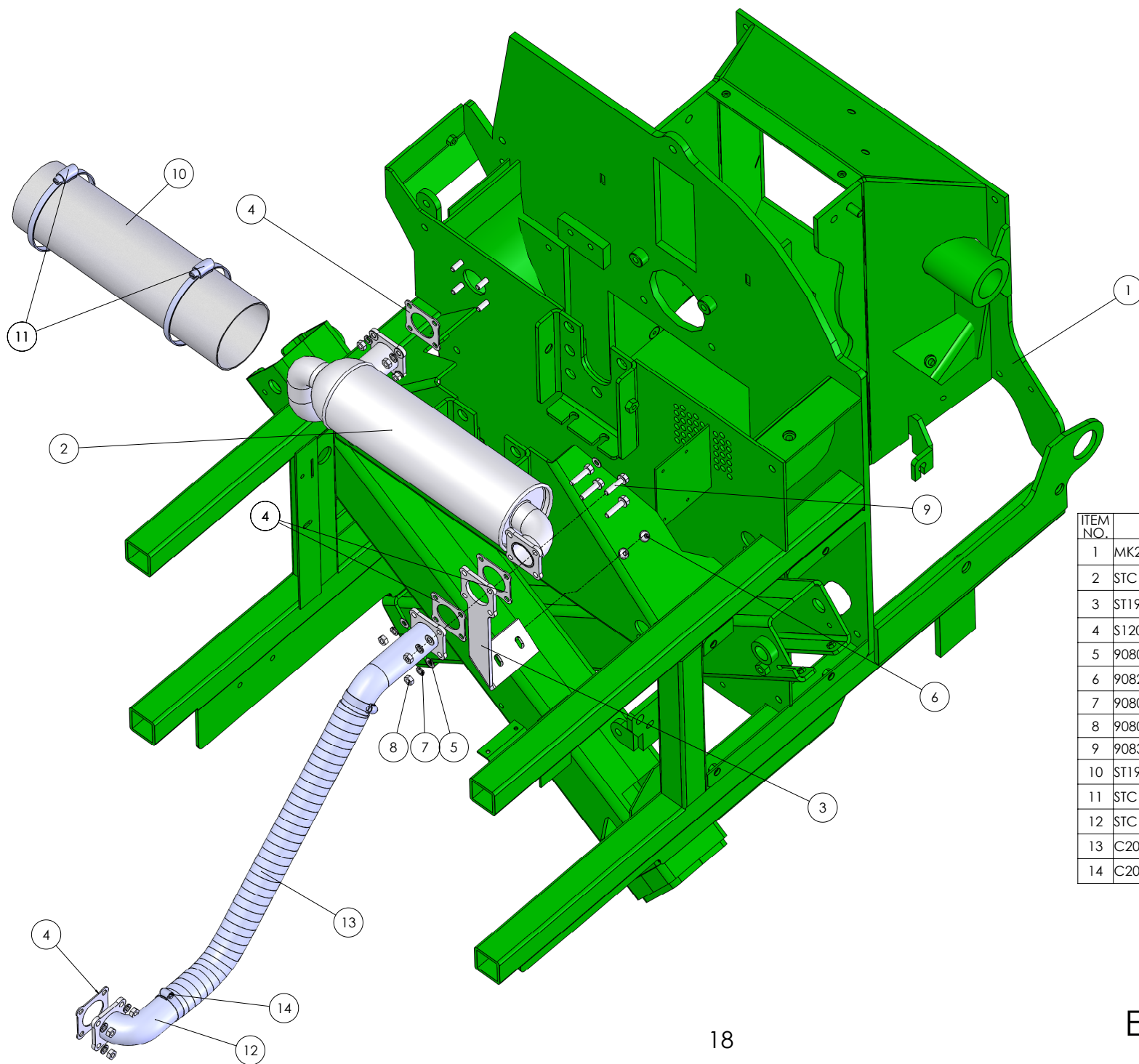


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM170-5-1A	DISCHARGE CHUTE	1
2	CM170-5-2A	DISCHARGE FLAP	1
3	N91204	PLAIN NYLON WASHER	1
4	CM170-5-3A	DIRECTIONAL HANDLE	1
5	CM170-5-4A	FLAP ADJUSTER ROD	1
6	C180104	TEE HANDLE	1
7	CM170-5-11	CLAMP RING	1
8	C200613	CLAMP BOLTS	3
9	91002	FLAT WASHER	6
10	91001	M10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





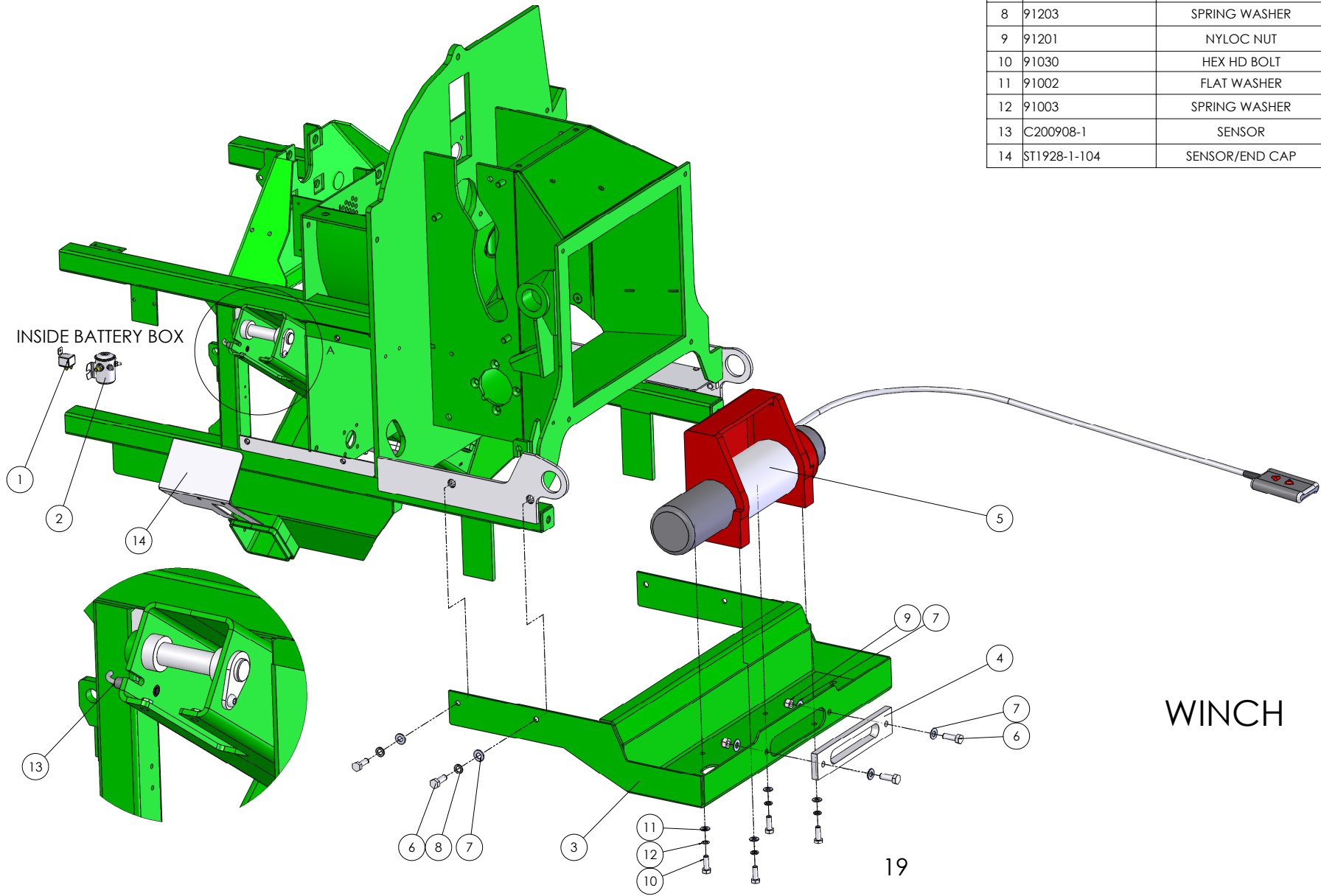
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	C170112	HYD PUMP	1
2	C150106-3	RADIATOR	1
3	SI-20015	RUBBER RAD MOUNT	4
4	STC1928960	TOP RAD HOSE	1
5	STC1928959	BOTTOM RAD HOSE	1
6	STC1928965	EXPANSION BOTTLE	1
7	C200920-1	CONVOLUTED HOSE	1
8	TC220215	VALVE CLEVIS	2
9	EC1928103	RUBBER REDUCER	1
10	EC1523634-1	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

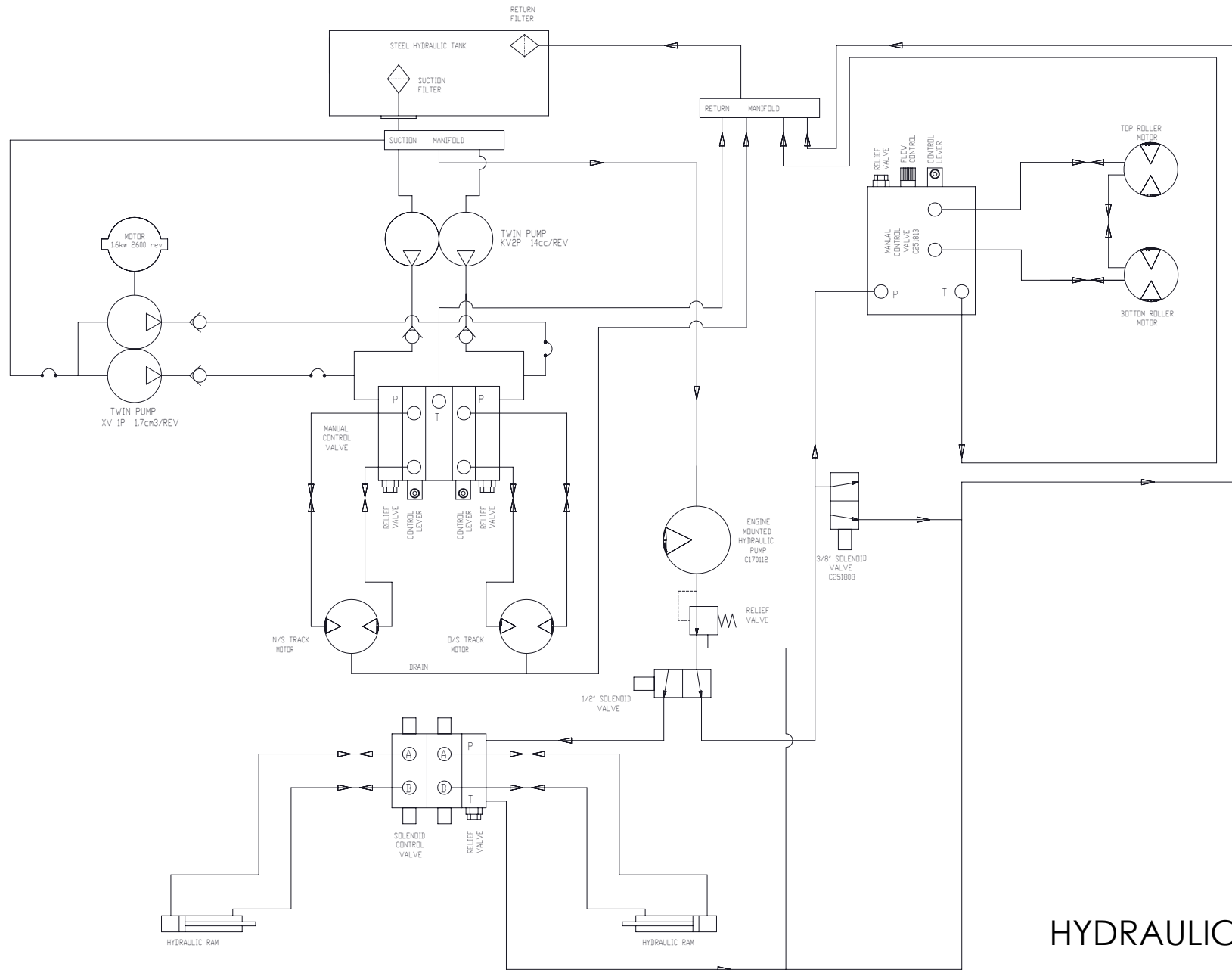


ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	MK2 ST1928-1	CUTAWAY CHASSIS	1
2	STC1928636	SILENCER	1
3	ST1928-6-35	SUPPORT BKT	1
4	S120021	EXHAUST GASKET	4
5	90802	M8 FLAT WASHER	16
6	90825BH	BUTTON HD BOLT	2
7	90803	SPRING WASHER	12
8	90801P	PLAIN NUT	12
9	90835	M8 x 35 bolt	4
10	ST1928638	CLOTH HEAT SHIELD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

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

DO NOT SCALE - IF IN DOUBT ASK

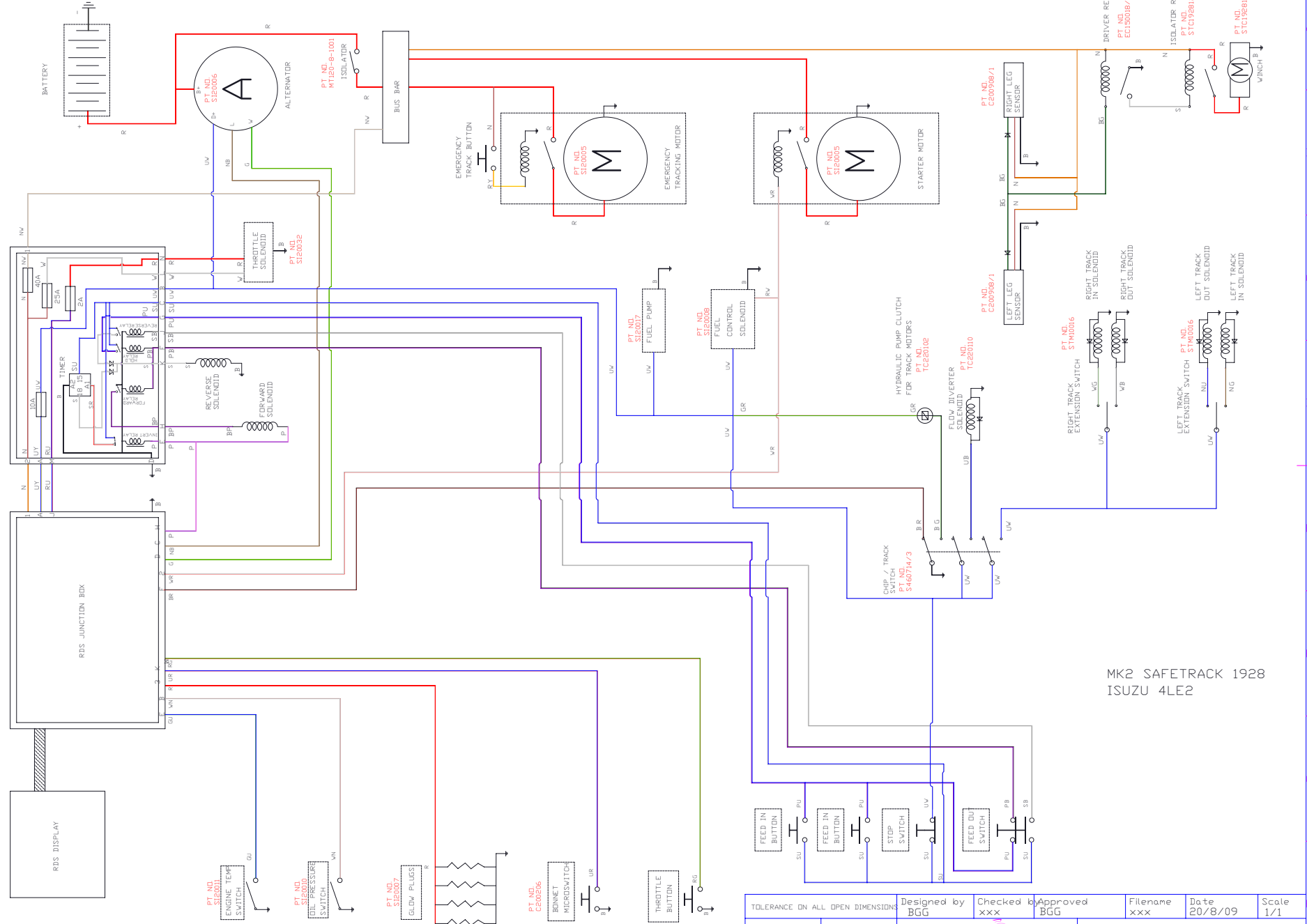
THIS DRAWING IS 1ST ANGLE PROJECTION

DIMENSIONS IN MILLIMETERS

WIRING
JUNCTION BOX

RDS JUNCTION BOX

RDS DISPLAY



MK2 SAFETRACK 1928
ISUZU 4LE2

TOLERANCE ON ALL OPEN DIMENSIONS		Designed by BGG	Checked by xxx	Approved by BGG	Filename xxx	Date 20/8/09	Scale 1/1
MACHINED PARTS +/- 0.25mm					MK2 ST1928 ELECTRICAL		
FABRICATED PARTS +/- 1.0mm					PART NO		Issue A

Issue	Modifications	Date	Sig	Chkd
1				
2				
3				
4				

По вопросам продаж и поддержки обращайтесь:			
Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
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Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
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Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
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