

Запасные части ChipMaster

Перечень

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
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
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
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

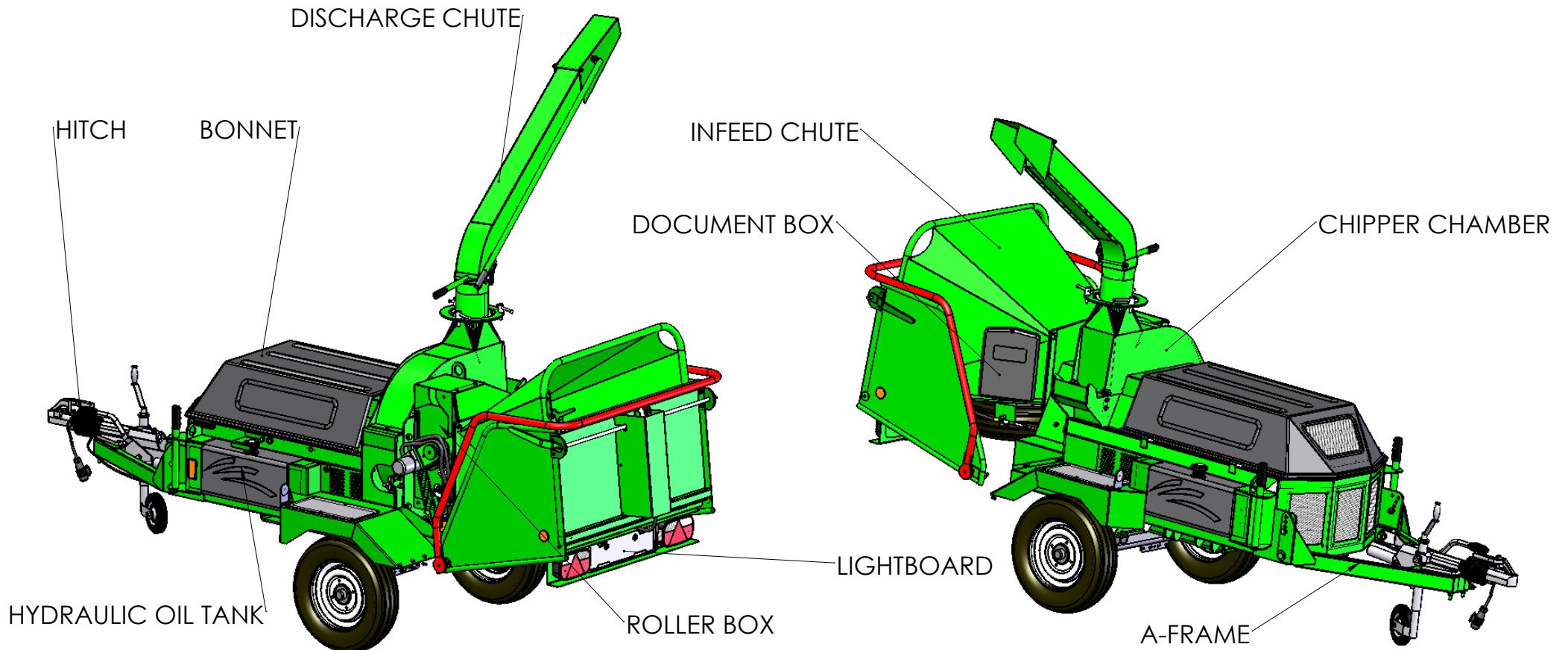
gha@nt-rt.ru || <https://greenmech.nt-rt.ru/>

CM220

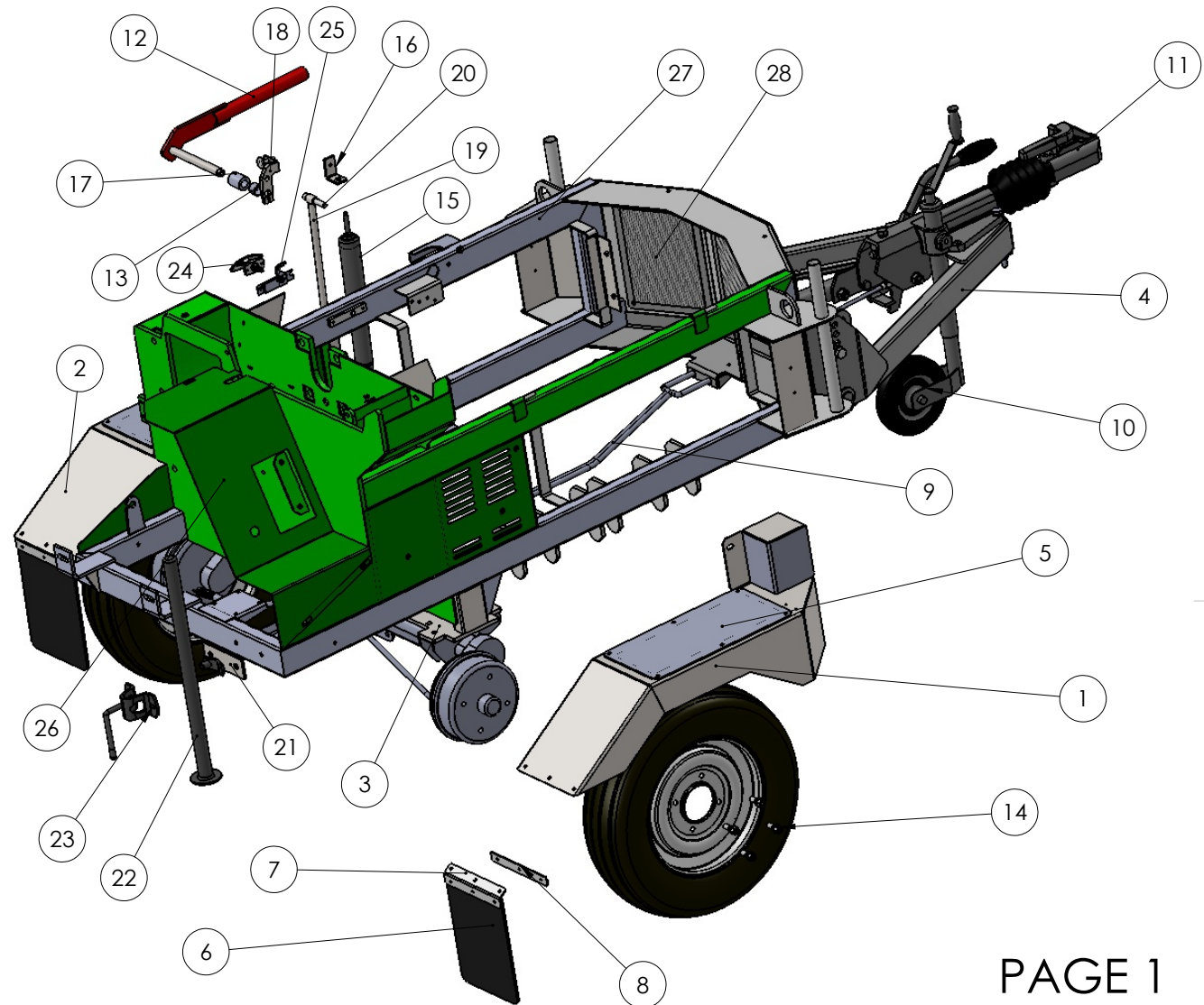
INDEX

PAGES

CHASSIS	1
A-FRAME	2
BONNET	3
CHIPPER CHAMBER	4
ROLLER BOX	5-6
INFEED CHUTE	7
DETENT MECHANISM	8
LIGHTBOARD	9
DISCHARGE CHUTE	10
ISUZU ENGINE	11-12
HYDRAULICS AND ELECTRICS	13-15



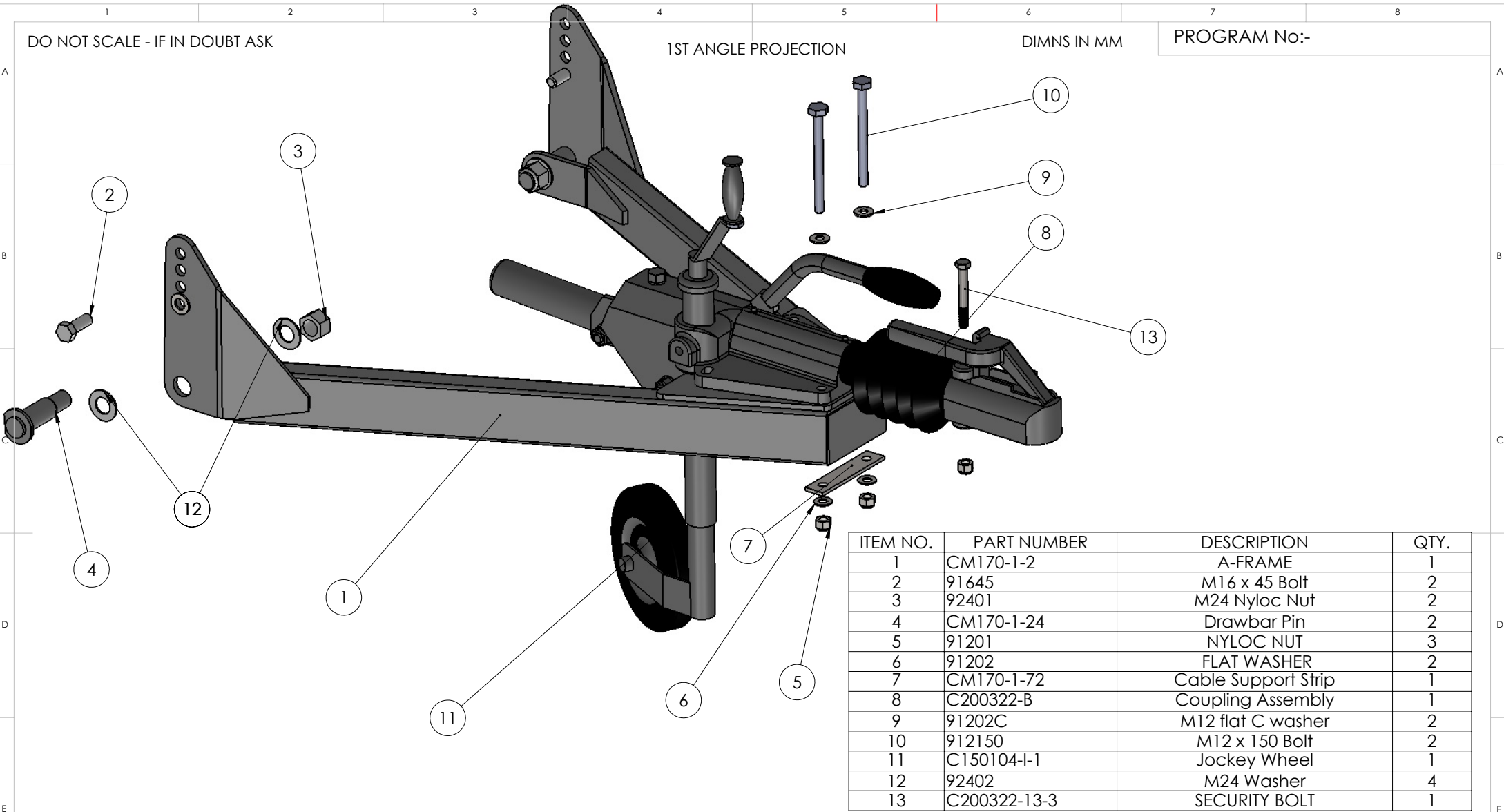
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM170-1-34	MUDGUARD	1
2	CM170-1-27	NEARSIDE MUDGUARD	1
3	CM220-1-33	AXLE BEAM	1
4	CM170-1-2	A FRAME ASSY	1
5	CM170-1-36	ALUMINIUM TREADPLATE	2
6	CM220-1-37-2MK2	MUDFLAP	2
7	CM220-1-37MK2	MUDFLAP MOUNT	2
8	CM220-1-37-1MK2	MUDFLAP BACKING STRIP	2
9	C200347	BRAKE CABLE	2
10	C150104	JOCKEY WHEEL	1
11	C200322	HITCH ASSY	1
12	CM170-6-32	CLUTCH ARM	1
13	C204313	OILITE BUSH 20 X 28 X 25	1
14	EC1523183	WHEEL STUDS	8
15	C170632	ENGINE DAMPER	1
16	CM170-6-36	ENGINE DAMPER BRKT	1
17	CM170-6-37	CLUTCH HANDLE SPACER	1
18	CM170-6-32	MICROSWITCH STRIKER	1
19	CM170-6-33	CLUTCH ROD	1
20	9013	CLUTCH ROD SPRING	1
21	CM170-4-39	PROP STAND DAMPER PLATE	1
22	C180356	PROP STAND	1
23	C180356-1	PROP STAND CLAMP	1
24	C170101	BONNET LOCKING HANDLE	1
25	C170102	BONNET LOCK	1
26	CM220-1-68	BATTERY COVER	1
27	CM220-1-1	CHASSIS	1
28	CM170-1-42	CHASSIS GRATE ASSY	3



PAGE 1

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.	
		DRAWN	DN	26/11/2015			MACHINED PARTS	FABRICATED PARTS		
		CHK'D					LINEAR: 0.25mm ANGULAR: 0.25°	LINEAR: +/- 1.0mm ANGULAR: 0.5°		
	APPV'D	BGG								
						MATERIAL & THICKNESS:	TITLE:			
							CM220 Chassis			
						WEIGHT:	JIG NO:	DWG NO.		A3
						g		SCALE:1:50		SHEET 1 OF 1

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE



DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	DN	02/12/2015			MACHINED PARTS	FABRICATED PARTS
		CHK'D					LINEAR: 0.25mm	LINEAR: +/- 1.0mm
		APPV'D	BGG				ANGULAR: 0.25°	ANGULAR: 0.5°
		MATERIAL & THICKNESS:		TITLE:				
				CM220 A-Frame				
		WEIGHT:		JIG NO:		DWG NO.		A3
		g				SCALE:1:20		SHEET 1 OF 1

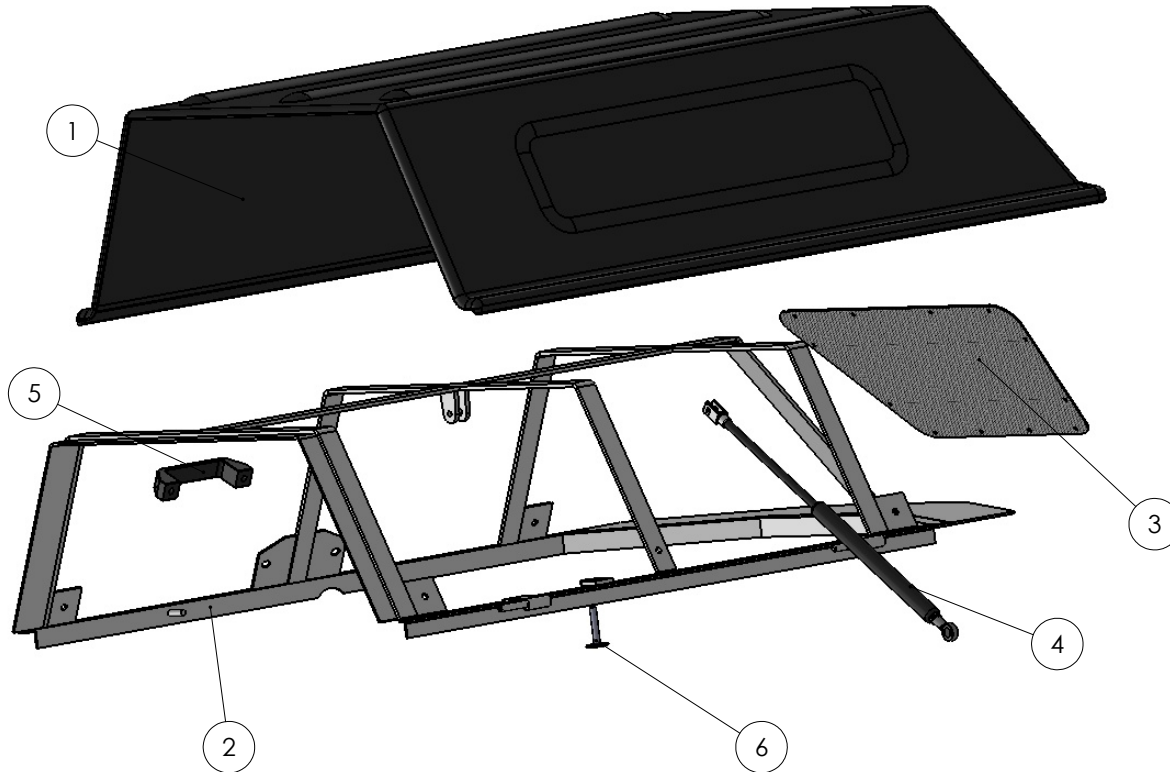
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

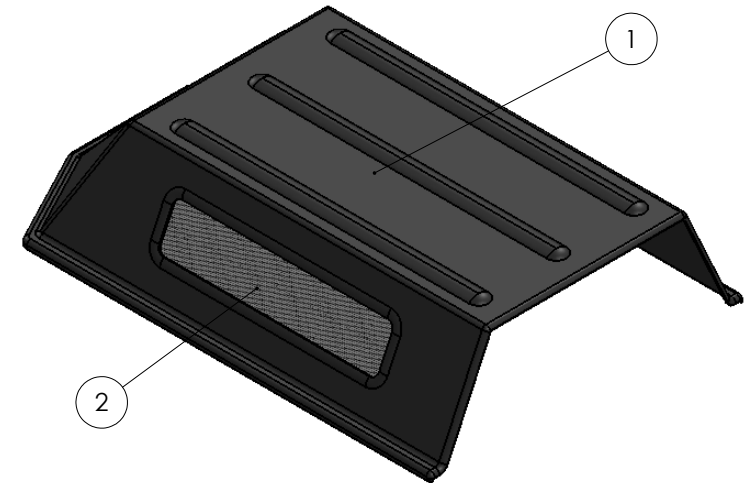
DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C180523	CM220 BONNET	1
2	CM170-1-64	BONNET FRAME	1
3	CM170-1-79	BONNET VENT	1
4	C180108	GAS STRUT	1
5	EC150012	BONNET HANDLE	1
6	EC130-1-105	MSW Striker	1

TROPICAL BONNET



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C180523 TROPICAL	CM220 TROPICAL BONNET	1
2	CM170-1-130	TROPICAL BONNET SIDE VENT	2

PAGE 3

DEBUR AND BREAK SHARP EDGES		FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	DN	26/11/2015				MACHINED PARTS	FABRICATED PARTS	
		CHK'D	APPV'D	BGG				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
								ANGULAR: 0.25°	ANGULAR: 0.5°	
				MATERIAL & THICKNESS:		TITLE:				
						CM220 Bonnet Exploded				
				WEIGHT:		JIG NO:		DWG NO.		A3
				g				CM220 Bonnet		
								SCALE:1:20		SHEET 1 OF 1

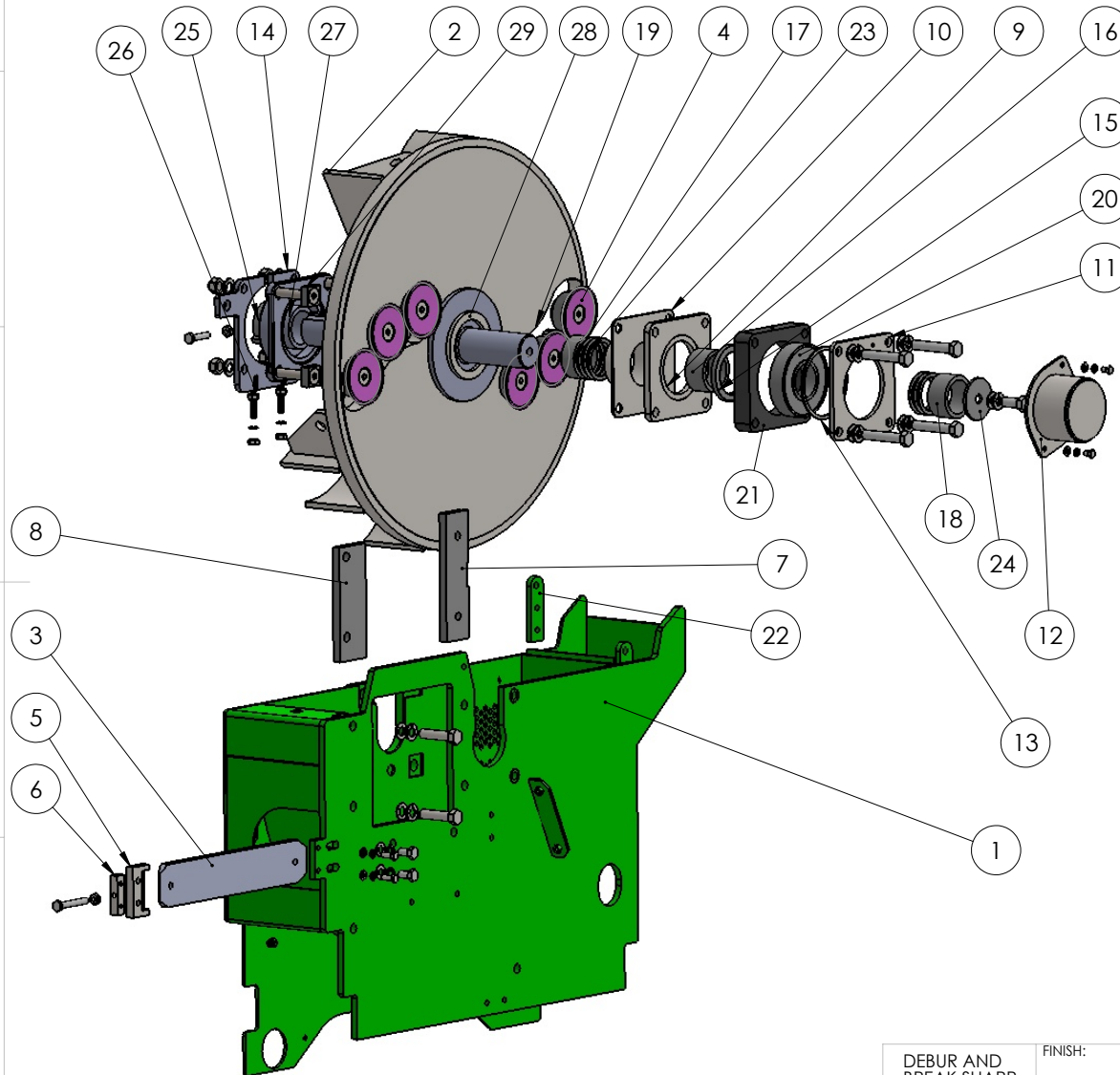
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

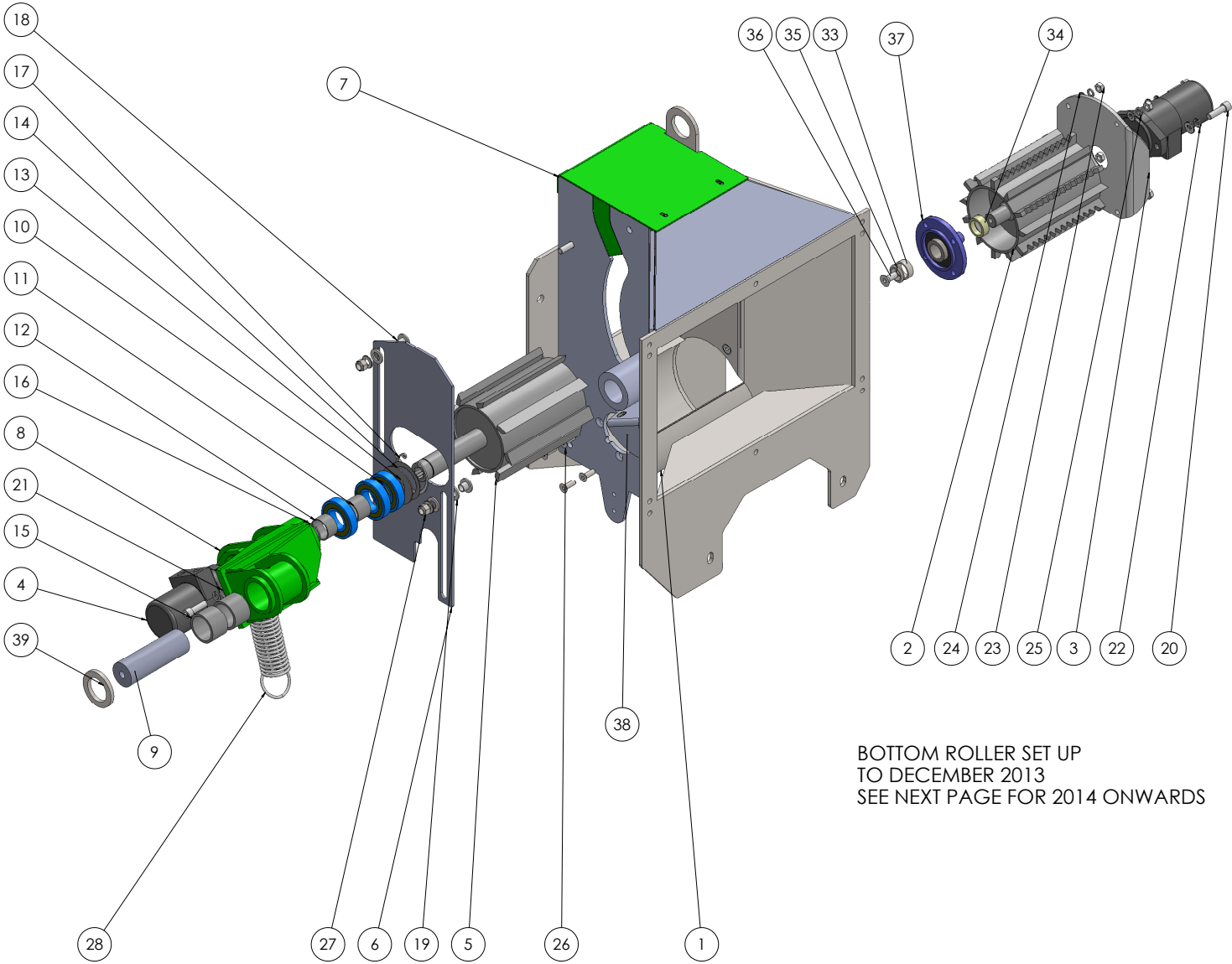


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-2-1	CC LOWER FAB	1
2	CM220-2-53-2	TMP FLYWHEEL AND SHAFT	1
3	CM220-2-31	HORIZONTAL SHEARBAR	1
4	C202503	100 DIA DISC CUTTER	1
5	CM170-2-32	SHEARBAR CLAMP	1
6	CM170-2-37	SHEARBAR LOCK	1
7	C220229	VERTICAL SHEAR BAR	1
8	C220230	VERTICAL SHEARBAR 75MM	1
9	CM220-2-61	SEAL PLATE	1
10	CM220-2-43	BEARING SHIELD	1
11	CM220-2-63	CLAMP PLATE	1
12	CM220-2-64	END COVER FLANGE	1
13	CM220-2-65	BEARING SPACER RING	1
14	CM220-2-50	ADJUSTER PLATE	1
15	C220204	CUTTER POCKET	1
16	CM220-2-67	LOCATION SLEEVE 40 LONG	1
17	CM220-2-66	LOCATION SLEEVE 28 LONG	1
18	CM220-2-68	LOCATIOIN SLEEVE 39 LONG	1
19	C220265	FLYWHEEL SEAL	1
20	C220264	ROLLER BEARING	1
21	CM220-2-62	BEARING HOUSING	1
22	CM220-2-25-1	FLOATING PIVOT PLATE	1
23	TMP220-2-100	SHIM 75 X 60.5 X 1	6
24	91602-R	LARGE FLAT WASHER	1
25	CM220-2-48	LOCKING COLLAR (NO STRESS)	1
26	91075AT	M10 ALLTHREAD	2
27	C200801	FLANGE BEARING	1
28	CM220-2-57	LABYRINTH RING	1
29	CM170-2-58	BEARING BOLT BLOCK	4

PAGE 4

DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	DN	19/11/2015		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:	CM220 Chipper Chamber		
		g				A3		

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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BOTTOM ROLLER SET UP
TO DECEMBER 2013
SEE NEXT PAGE FOR 2014 ONWARDS

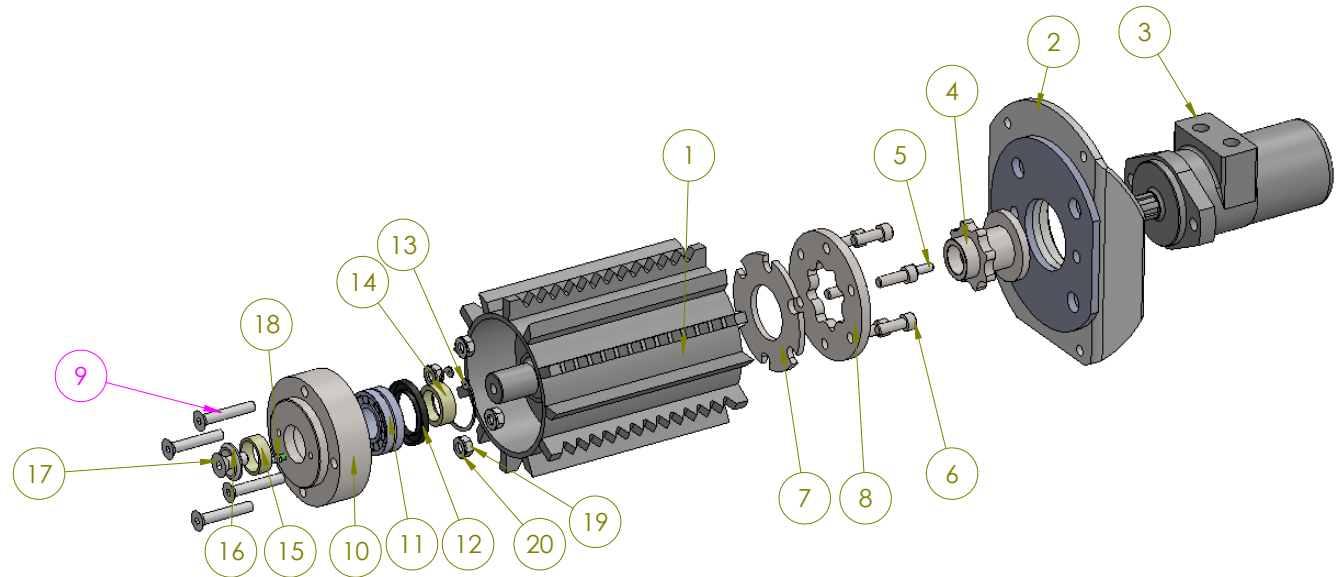
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-3-1	R/BOX FAB	1
2	CM220-3-20	BOTTOM ROLLER FAB	1
3	CM220-3-11	MOTOR MTG PLATE FAB	1
4	C200207-1	ROLLER MOTOR	2
5	CM220-3-24	TOP ROLLER FAB	1
6	CM170-3-36	PIVOT ARM GUARD	1
7	CM220-3-15	TOP COVER	1
8	CM170-3-28	PIVOT ARM FAB	1
9	CM220-3-63	PIVOT PIN	1
10	C252119	ROLLER BEARING	3
11	CM170-3-42-1	LG TOP ROLLER SPACER	1
12	CM170-3-42-2	SHORT TOP ROLLER SPACER	1
13	CM170-3-42-3	BEARING SHIELD	1
14	CM170-3-42-4	BEARING SHIM	1
15	CM170-3-53	OILITE BUSH	2
16	QC160-3-1004	40 EXT CIRCLIP	1
17	EC1928117	80 INTERNAL CIRCLIP	1
18	CM170-3-45	GUARD SPACER	2
19	91602B	M16 nylon washer	4
20	71240	CAP HD BOLT	4
21	91202	FLAT WASHER	6
22	91203	SPRING WASHER	4
23	91001	M10 plain nut	4
24	91002	FLAT WASHER	4
25	91003	M10 S/WASHER	4
26	91030CS	M10X30 C/S HD BOLT	4
27	91201	NYLOC NUT	2
28	C180119	PIVOT ARM SPRING	1
29	GNS500	M6 Grease Nipple	1
30	QC160-2-100	Bearing	1
31	C260339	Rubber Seal	1
32	C260338	Circlip	1
33	MK2 ST1928-3-83	PLAIN SLEEVE	1
34	MK2 ST1928-3-82	CHAMFERED SLEEVE	1
35	MK2 ST1928-3-22	BOTTOM CSK STEPPED WASHER	1
36	81230	CLAMPING BOLT	1
37	C180109	BOTTOM ROLLER BEARING	1
38	C220325	PIVOT ARM STOP	1
39	CM220-3-62	PIVOT PIN HEAD	1

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
	DRAWN		DN	24/03/2015			MACHINED PARTS	FABRICATED PARTS	
	CHKD						LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
APPRVD		BGG					ANGULAR: 0.25°	ANGULAR: 0.5°	
MATERIAL & THICKNESS:			TITLE:						
WEIGHT:			JIG NO:	DWG NO.	CM220 Roller Box				
g					A0				
			SCALE: 1:10			SHEET 1 OF 1			

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-3-20 MK2	BOTTOM ROLLER MK2	1
2	CM220-3-11MK2	MOTOR MOUNTING PLATE	1
3	C200207-1	HYDRAULIC MOTOR	1
4	QC160-3-57A	ROLLER DRIVE	1
5	60820	BUTTON HD BOLT	1
6	71040	CAP HD BOLT	6
7	CM220-3-51	DRIVE PLATE SPACER	1
8	CM220-3-50	DRIVE PLATE	1
9	81960	C/S HD BOLT	4
10	MK2 ST1928-3-80	BEARING HOUSING	1
11	QC160-2-1002	DOUBLE ROW SPHERICAL ROLLER BEARING	1
12	C260339	ROTARY OIL SEAL	1
13	C260338	CIRCLIP	1
14	ST1928-3-82	CHAMFERED SLEEVE	1
15	ST1928-3-83	PLAIN SLEEVE	1
16	MK2 ST1928-3-22	BOTTOM CSK STEPPED WASHER	1
17	81230	CLAMPING BOLT	1
18	GNS501	STRAIGHT	1
19	91001	M10 plain nut	4
20	91002	FLAT WASHER	4

CM220 AND TMP220 BOTTOM ROLLER FROM JANUARY 2014



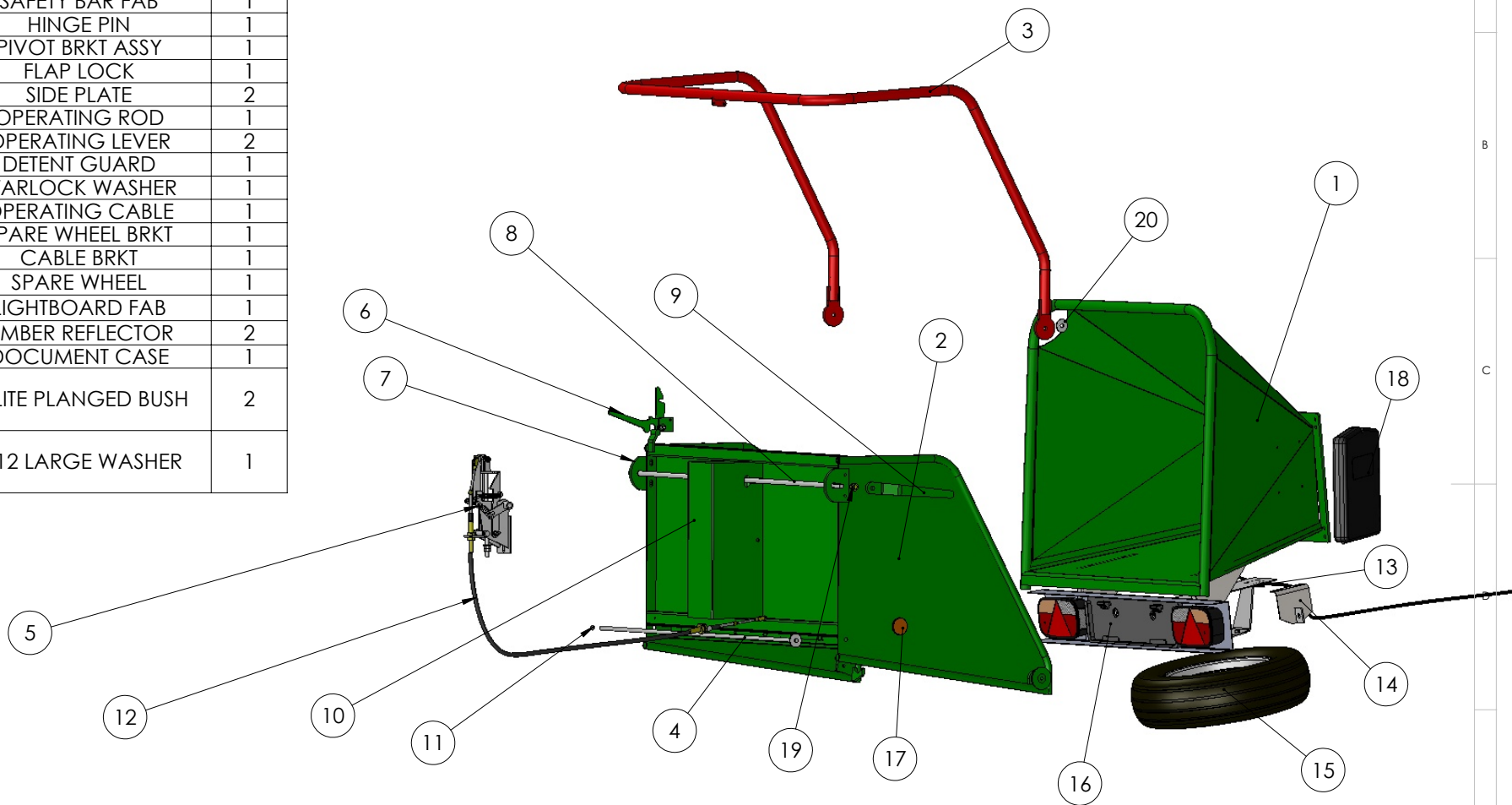
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1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

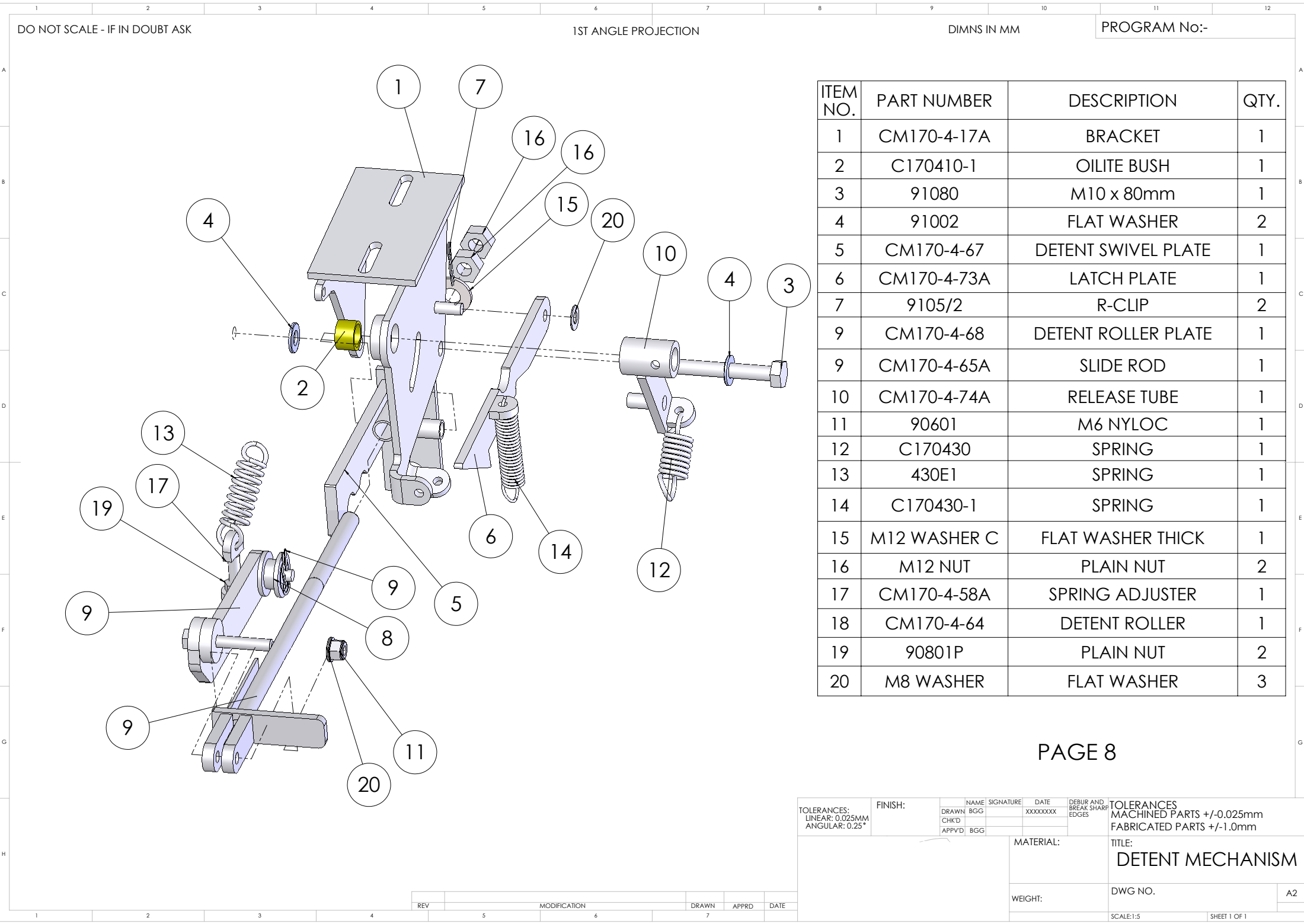
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-4-1	Infeed Chute Fab	1
2	CM220-4-71	INFEED FLAP FAB	1
3	CM220-4-20	SAFETY BAR FAB	1
4	CM170-4-14A	HINGE PIN	1
5	CM170-4-17A	PIVOT BRKT ASSY	1
9	CM170-4-19A	FLAP LOCK	1
7	CM170-4-79	SIDE PLATE	2
8	CM170-4-77	OPERATING ROD	1
9	CM170-4-78	OPERATING LEVER	2
10	CM170-4-56	DETENT GUARD	1
11	912SL	STARLOCK WASHER	1
12	C170107	OPERATING CABLE	1
13	CM170-4-49	SPARE WHEEL BRKT	1
14	CM220-4-48	CABLE BRKT	1
15	C200345	SPARE WHEEL	1
16	CM220-4-36	LIGHTBOARD FAB	1
17	GM-1001-RYR	AMBER REFLECTOR	2
18	C170409	DOCUMENT CASE	1
19	C170410	OILITE PLANGED BUSH	2
20	91202-R	M12 LARGE WASHER	1



PAGE 7

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.	
			DRAWN	DN	26/11/2015			MACHINED PARTS	FABRICATED PARTS	
			CHK'D					LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
			APP'VD	BGG				ANGULAR: 0.25°	ANGULAR: 0.5°	
1						MATERIAL & THICKNESS:		TITLE:		
		WEIGHT:		JIG NO:		DWG NO		CM220 Infeed Chute		A3
		g						SCALE: 1:100		SHEET 1 OF 1

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM170-4-17A	BRACKET	1
2	C170410-1	OILITE BUSH	1
3	91080	M10 x 80mm	1
4	91002	FLAT WASHER	2
5	CM170-4-67	DETENT SWIVEL PLATE	1
6	CM170-4-73A	LATCH PLATE	1
7	9105/2	R-CLIP	2
9	CM170-4-68	DETENT ROLLER PLATE	1
9	CM170-4-65A	SLIDE ROD	1
10	CM170-4-74A	RELEASE TUBE	1
11	90601	M6 NYLOC	1
12	C170430	SPRING	1
13	430E1	SPRING	1
14	C170430-1	SPRING	1
15	M12 WASHER C	FLAT WASHER THICK	1
16	M12 NUT	PLAIN NUT	2
17	CM170-4-58A	SPRING ADJUSTER	1
18	CM170-4-64	DETENT ROLLER	1
19	90801P	PLAIN NUT	2
20	M8 WASHER	FLAT WASHER	3

TOLERANCES: LINEAR: 0.025MM ANGULAR: 0.25°	FINISH:	NAME: BGG	SIGNATURE:	DATE: XXXXXXXX	DEBUR AND BREAK SHARP EDGES	TOLERANCES MACHINED PARTS +/-0.025mm FABRICATED PARTS +/-1.0mm
		DRAWN: CHKD				
		APPVD: BGG				
MATERIAL:						TITLE: DETENT MECHANISM
WEIGHT:						DWG NO.
SCALE:1:5						SHEET 1 OF 1

REV	MODIFICATION	DRAWN	APPRD	DATE

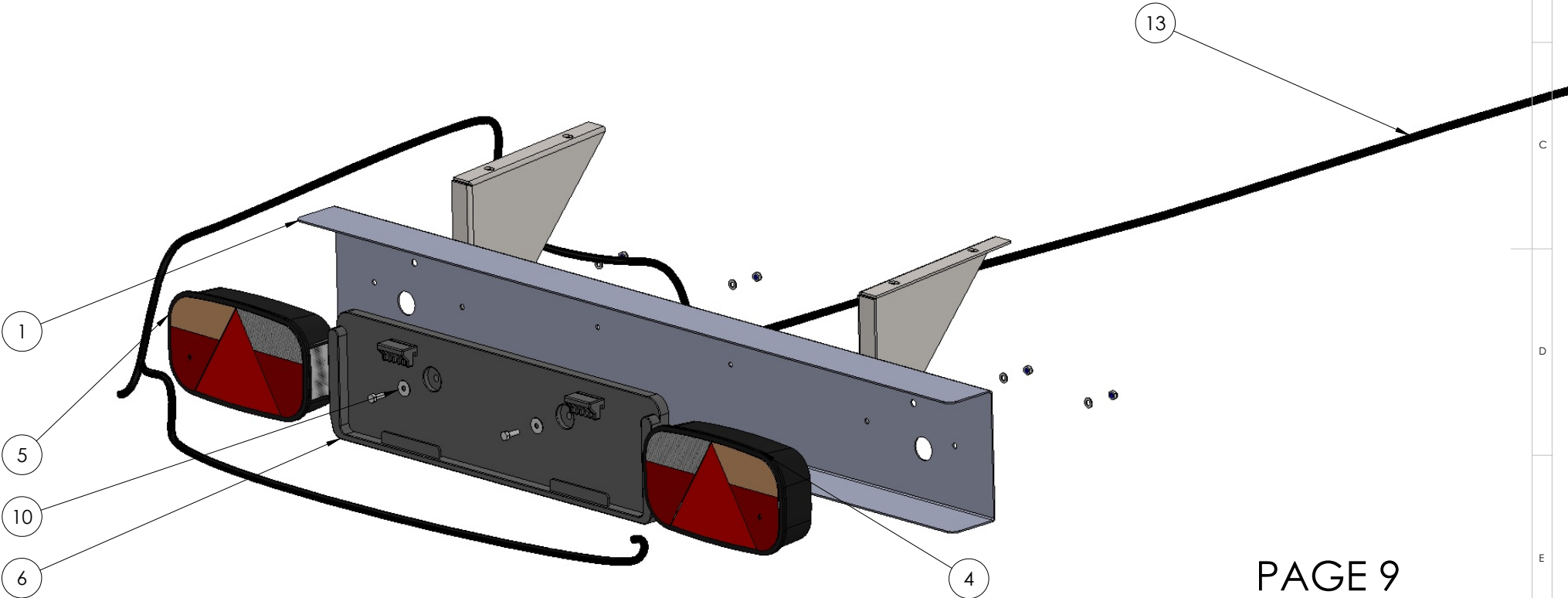
DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM170-4-36-1	LIGHTBOARD FAB	1
4	GM-1001-TLA	OS REAR LAMP	1
5	GM-1002-TLA	NS REAR LAMP	1
6	EC1928464	Number plate holder	1
8	90601	NYLOC NUT	6
9	90602	FLAT WASHER	6
10	90602-R	M6 x 25mm WASHER	2
13	GM-1003-TLL	WIRING LOOM	1



PAGE 9

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
	DRAWN	DN	25/11/2015				MACHINED PARTS	FABRICATED PARTS	
	CHK'D	BGG					LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
	APPV'D						ANGULAR: 0.25°	ANGULAR: 0.5°	
			MATERIAL & THICKNESS:		TITLE:				
					CM220 LIGHTBOARD				
			WEIGHT:	JIG NO:	DWG NO.		CM220 Lightboard		
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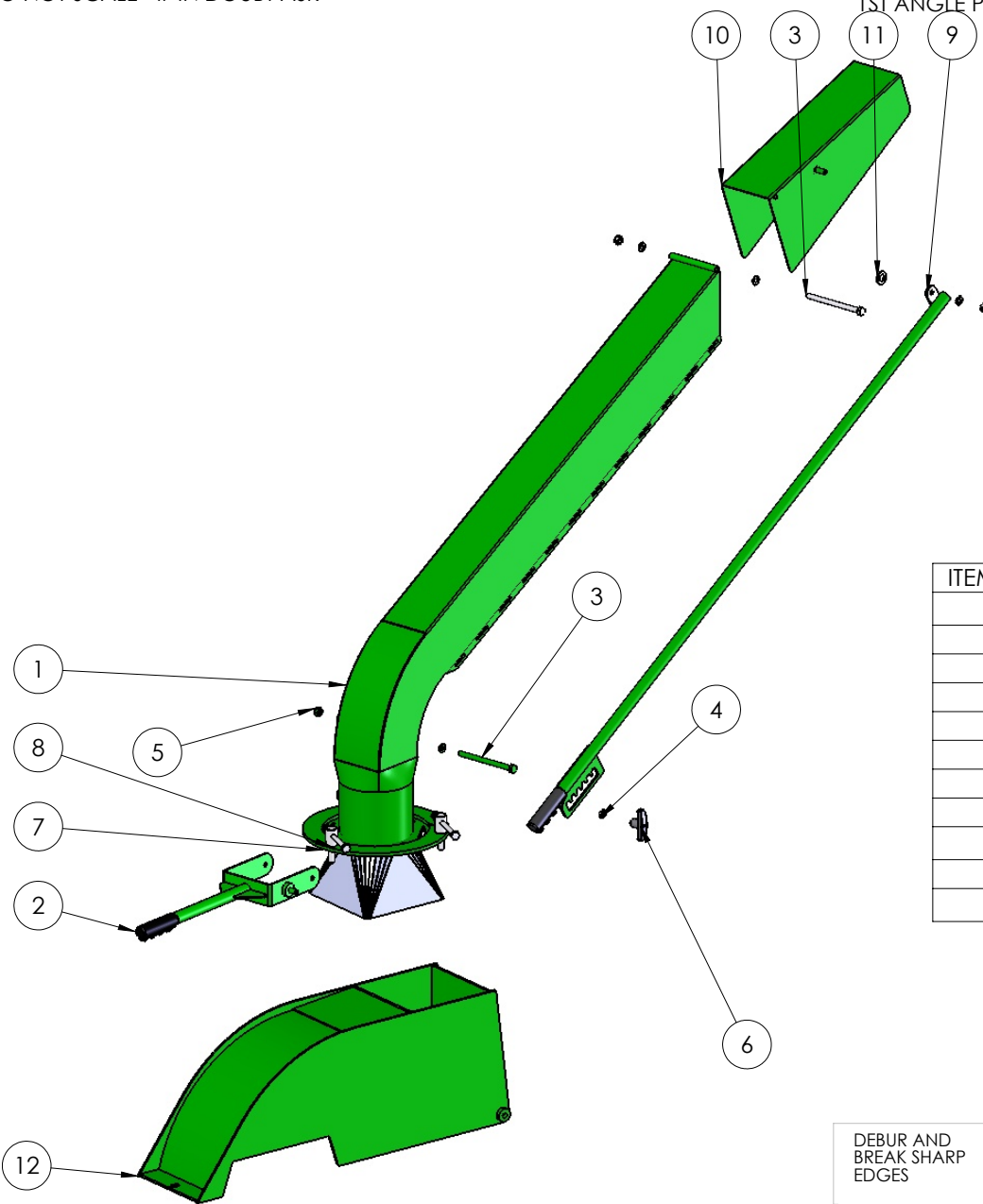
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	ARB190/QTY.
1	cm170-5-1A	Discharge Chute Fab	1
2	CM170-5-3A	DC Handle	1
3	910150	HEX HD BOLT	2
4	91002	FLAT WASHER	6
5	91001-NYLOC	M10 NYLOC NUT	3
6	C180104	M10 T/GRIP	1
7	CM170-5-11	DISCHARGE CLAMP RING	1
8	C200613	TEE BOLT	3
9	CM170-5-4	Directional flap control bar	1
10	CM170-5-2A	D/C FLAP	1
12	CM220-2-2	Upper CC	1

PAGE 10

DEBUR AND BREAK SHARP EDGES	FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
	DRAWN		DN	26/11/2015			MACHINED PARTS	FABRICATED PARTS	
	CHK'D						LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
	APPVD		BGG				ANGULAR: 0.25°	ANGULAR: 0.5°	
			MATERIAL & THICKNESS:		TITLE:				
					DISCHARGE CHUTE ASSY				
			WEIGHT:		JIG NO:	DWG NO			A3
			g			CM220 Discharge Chute			
					SCALE:1:50			SHEET 1 OF 1	

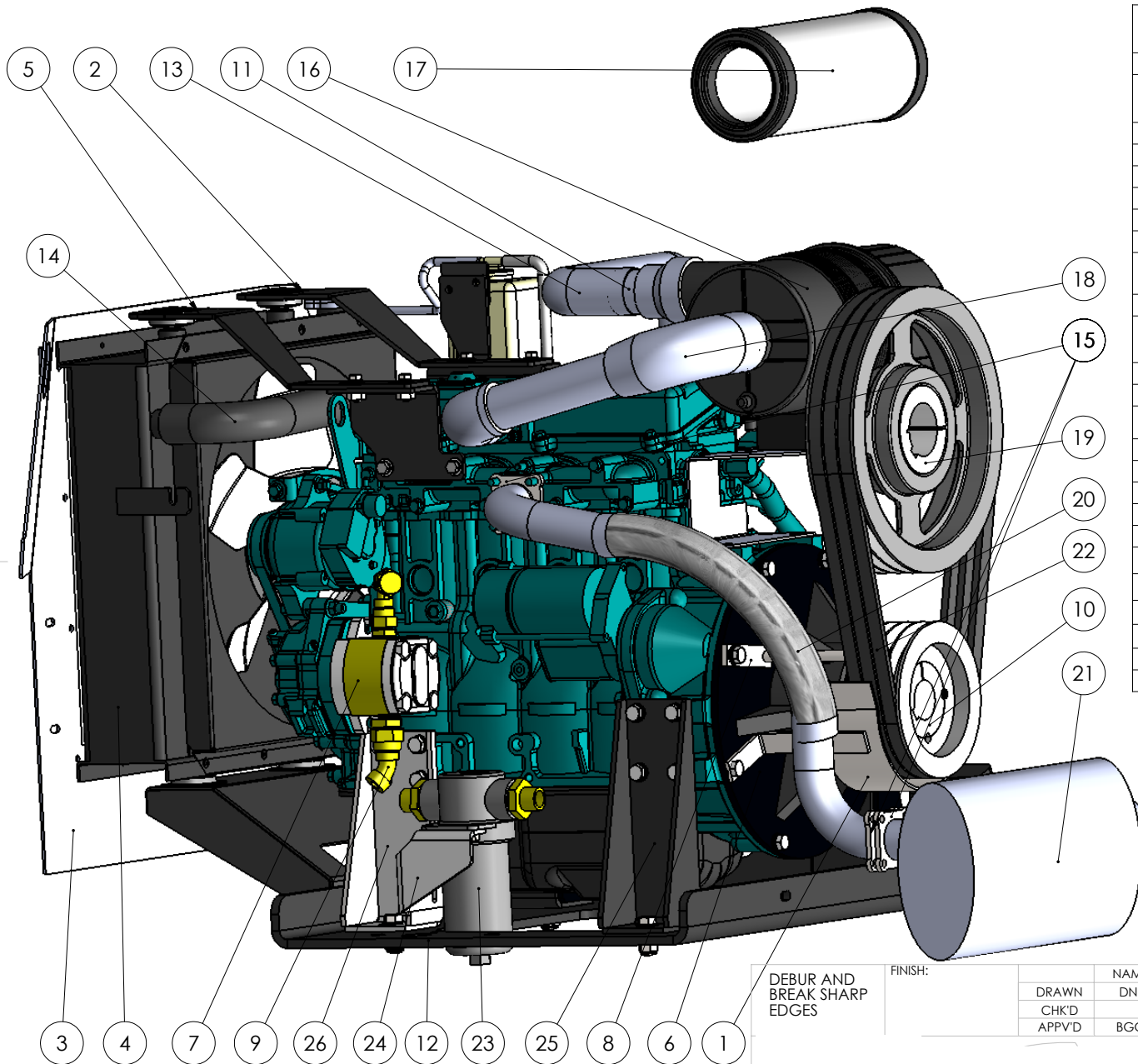
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-6-18	BELT GUIDE	1
2	CM220-6-42 F	O/S RADIATOR MOUNT	1
3	CM220-1-45MK2 F	COLD COMPONENT	1
4	840013	RADIATOR	1
5	ST1928-6-15 F	N/S RADIATOR MOUNT	1
6	CM170-6-40-F MK3	CRANK EXTENSION	1
7	C170112	ROLLER/RAM PUMP	1
8	CM170-6-17	BELT FINGER	2
9	HYD-KIT 16	HYDRAULIC CONNECTOR KIT	1
10	C150208	TAPERLOCK BUSH	1
11	EC1928103	AIR FILTER HOSE CONNECTOR	1
12	CM170-6-2	ENGINE CRADLE	1
13	C200920-1	FLEXIBLE HOSE	1
14	SI-20023	UPPER RADIATOR HOSE	1
15	CM180-6-14	EXHAUST FLANGE	3
17	SI-20003	AIR FILTER ELEMENT	1
18	EC1928680	AIR FILTER ELBOW	1
19	C200508	TAPERLOCK BUSH	1
20	C220616	FLEXIBLE EXHAUST	1
21	C220615	SILENCER ASSEMBLY	1
22	C152202-1	BELT	3
23	C170103	SUCTION FILTER	1
24	CM170-1-59	SUCTION FILTER BRKT	1
25	CM170-6-4	ENGINE LEG FRONT	2
26	CM170-6-19	ENGINE LEG BACK N/S	1

PAGE 11

REV	1	MODIFICATION	2	ORIGINATOR	3	DRAWN	4	DATE	5

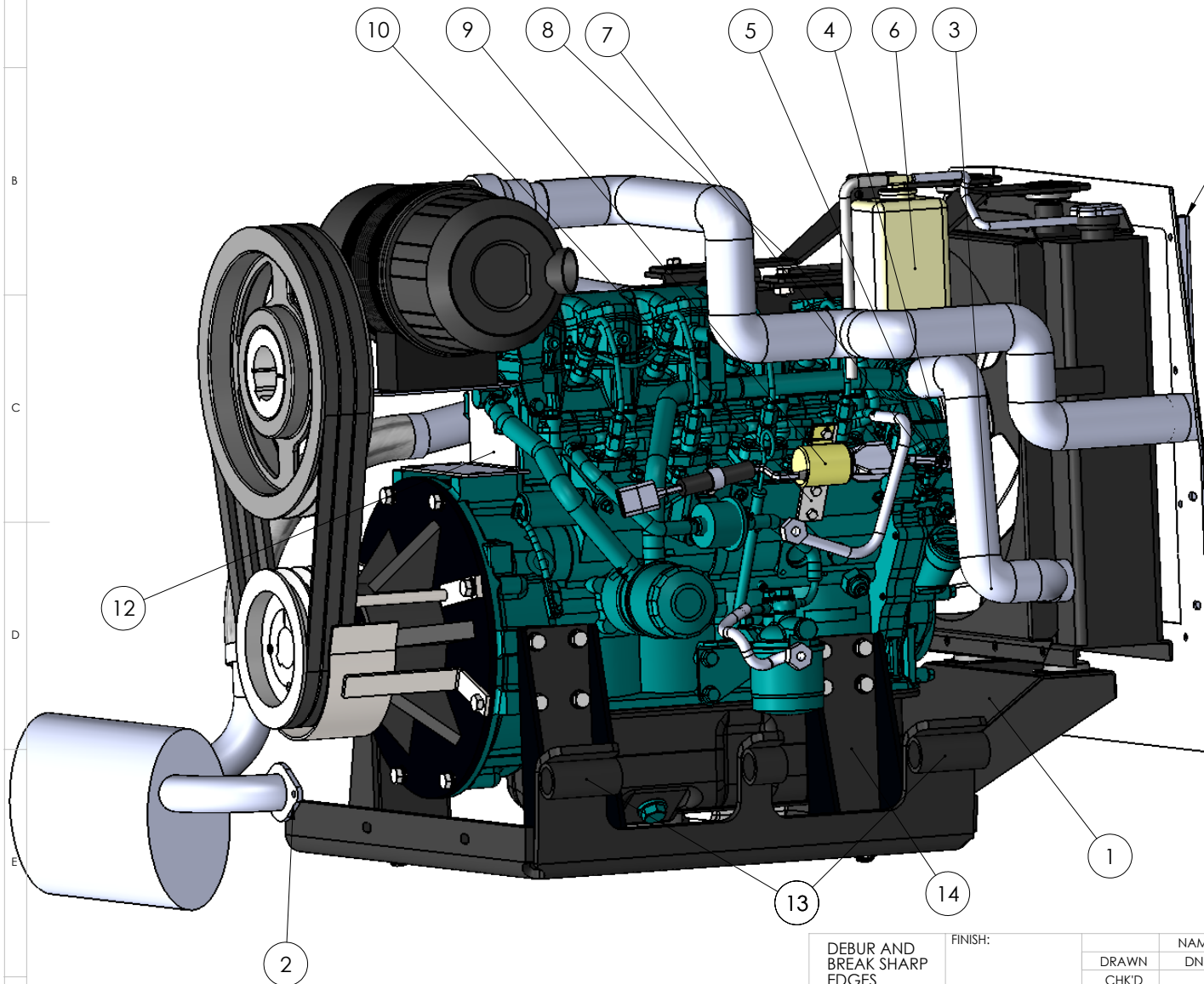
FINISH:		NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	DN	24/11/2015		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	
		MATERIAL & THICKNESS:		TITLE:				
				ISUZU 4LE1 ENGINE DETAIL				
		WEIGHT:	JIG NO:	DWG NO	CM220 Isuzu 4LE1 Engine			
		g			A3			
				SCALE:1:20		SHEET 1 OF 2		

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-6-10F	RADIATOR BOTTOM BRKT	1
2	SI-20020	OVAL GASKET	1
3	SI-20024	BOTTOM RADIATOR HOSE	1
4	C203122	THROTTLE SPRING	1
5	C203113	THROTTLE SPRING HOUSING	1
6	C170116	RAD HEADER TANK	1
7	SI-20033	SOLENOID PLUNGER	1
8	SI-20011	WATER TEMP SWITCH	1
9	SI-20032	SOLENOID	1
10	ST1928-6-41	SOLENOID BRKT	1
11	CM220-6-23	RADIATOR SCREEN	1
12	CM220-1-46 MK3	AIR FILTER BRKT	1
13	EC150006	METALASTIC BUSHES	2
14	CM170-6-5	ENGINE LEG BACK	1

PAGE 12

DEBUR AND
BREAK SHARP
EDGES

FINISH:

NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
DRAWN	DN	24/11/2015		MACHINED PARTS	FABRICATED PARTS	
CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	

MATERIAL & THICKNESS:

TITLE:

ISUZU 4LE1 ENGINE DETAIL

WEIGHT: JIG NO: DWG NO

CM220 Isuzu 4LE1 Engine

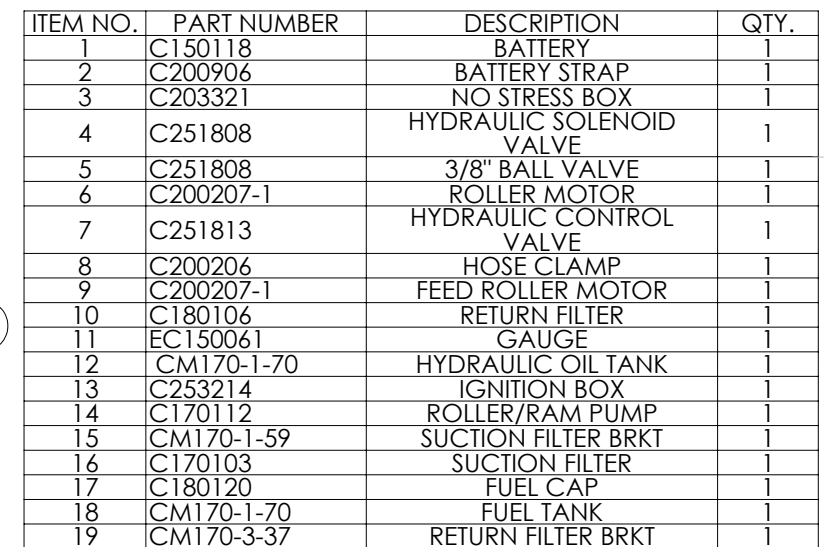
A3

SCALE:1:20

SHEET 2 OF 2

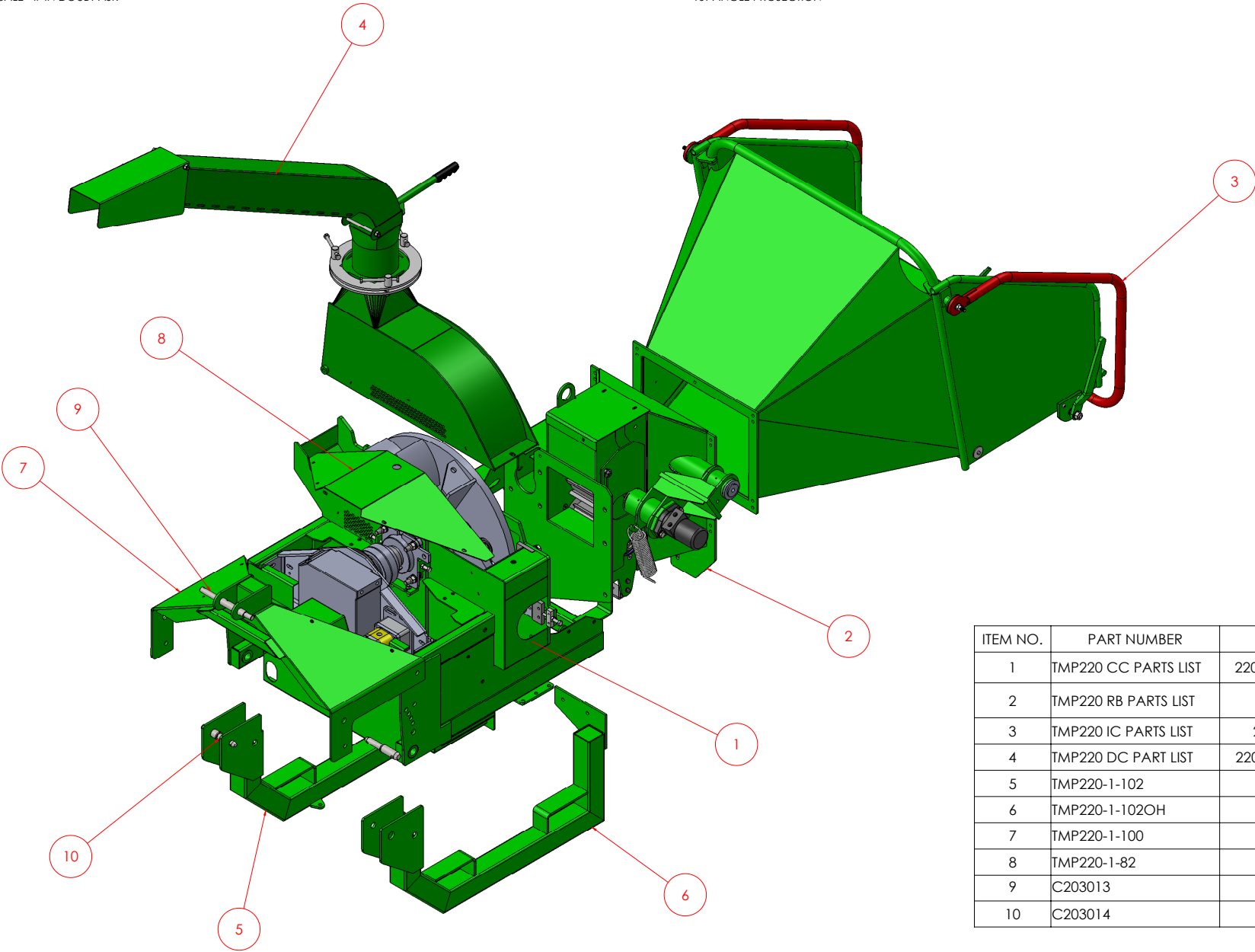
REV 1 MODIFICATION 2 ORIGINATOR 3 DRAWN 4 DATE

PROGRAM No:-



SHEET 1 OF 1

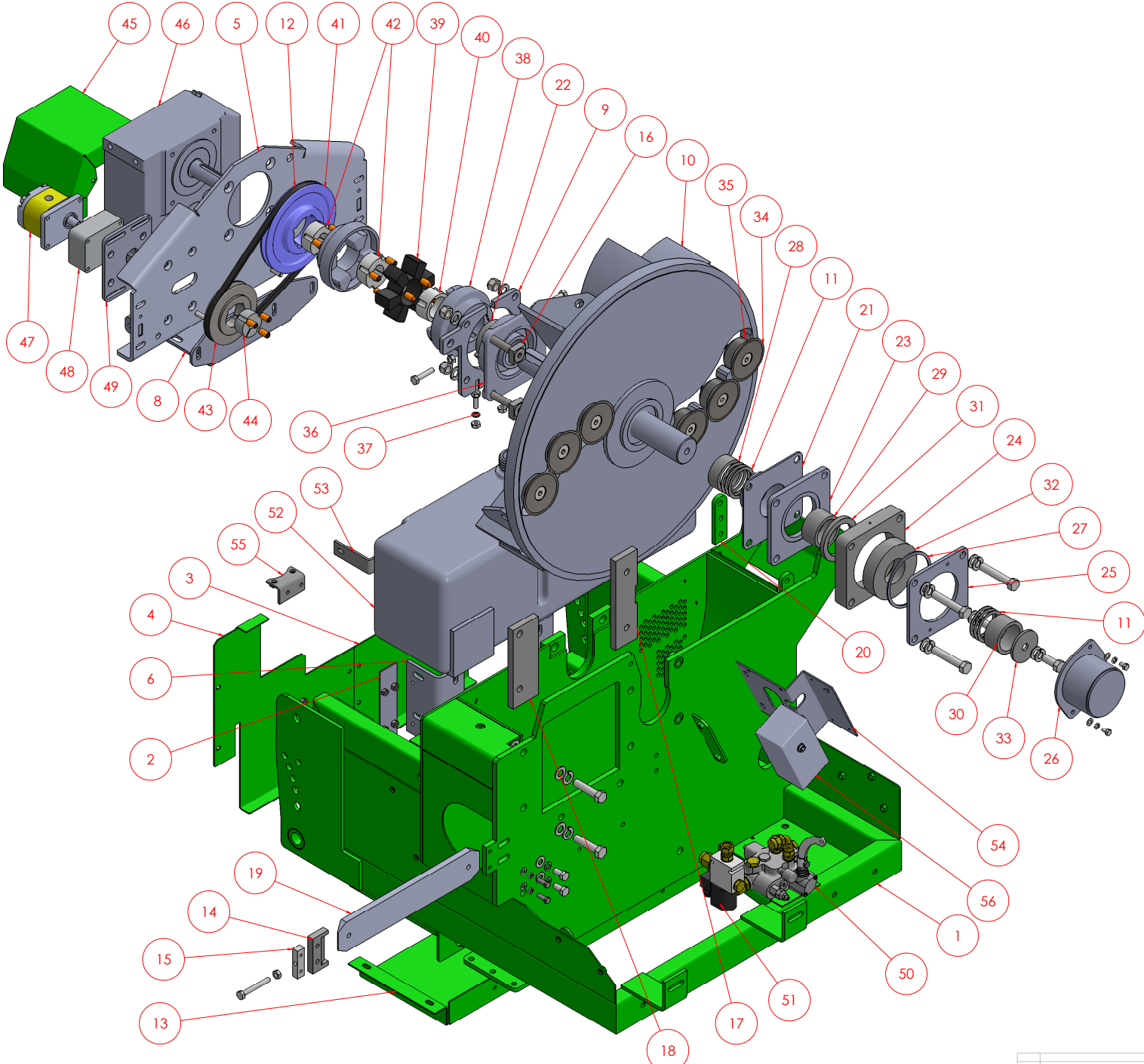
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TMP220 CC PARTS LIST	220TMP CHIPPER CHAMBER	1
2	TMP220 RB PARTS LIST	220TMP ROLLERBOX	1
3	TMP220 IC PARTS LIST	220TMP INFEED CHUTE	1
4	TMP220 DC PART LIST	220TMP DISCHARGE CHUTE	1
5	TMP220-1-102	SKIDS	1
6	TMP220-1-102OH	SKIDS	1
7	TMP220-1-100	TOP LINK	1
8	TMP220-1-82	TOP COVER	1
9	C203013	Top link pin CAT 1/2	1
10	C203014	LOWER LINK PIN 1&2	2

REV	MODIFICATION	DRN	APPRD	DATE

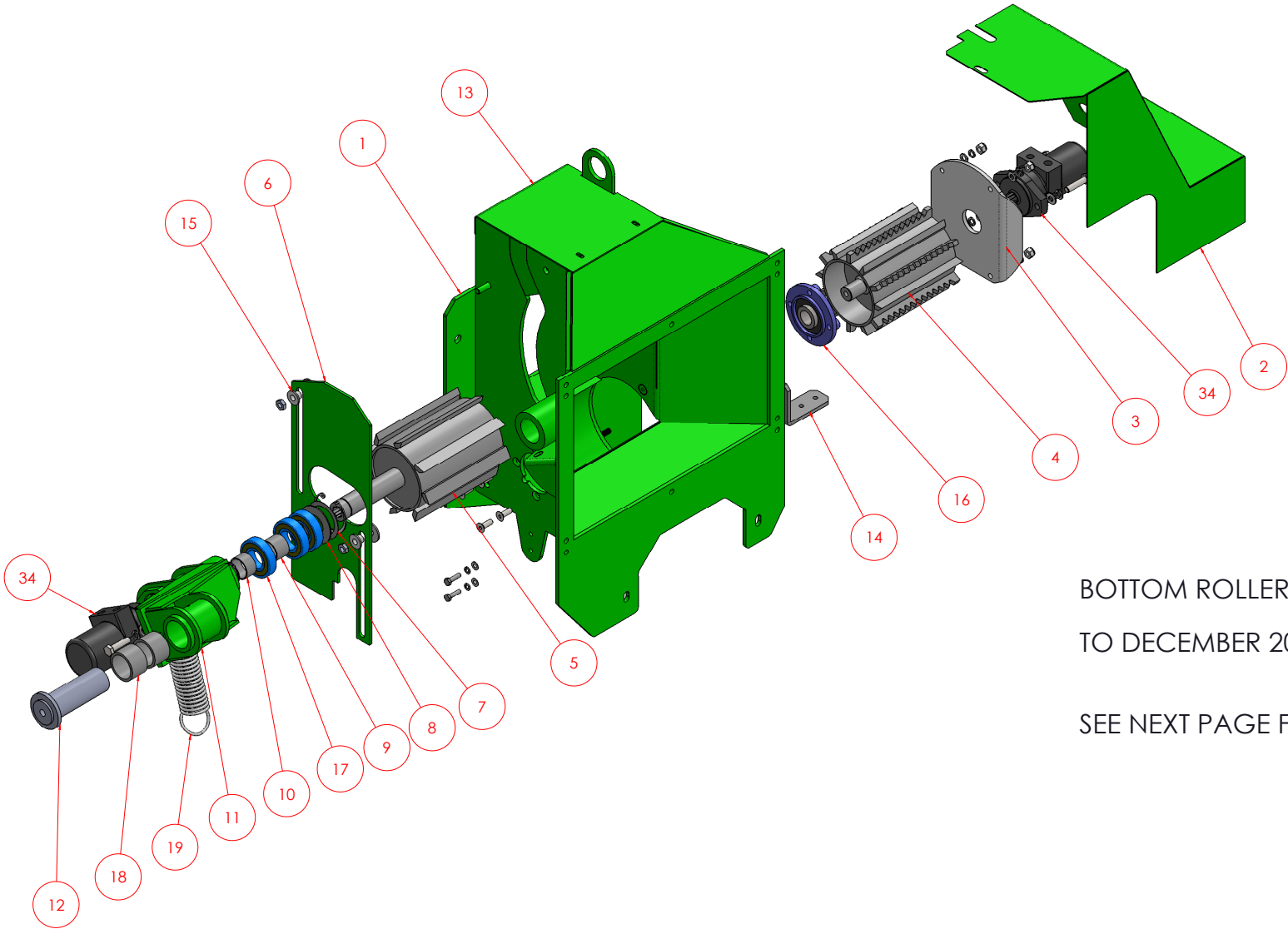
TOLERANCES: LINEAR: 0.025mm ANGULAR: 0.25°	FINISH: SEE BOM	NAME DRAWN: MM CHKD: APPRD: BGG	SIGNATURE	DATE 09/10/13	DESIGN AID DESIGN OFFICE	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
MATERIAL: SEE BOM						TITLE: TMP220 PARTS LIST
WEIGHT:						DWG NO. TMP220 PARTS LIST SCALE: 1:20 SHEET 1 OF 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TMP220-1-1	MAIN FRAME FAB	1
2	TMP220-1-99 M10	FRONT COVER STRIP	1
3	TMP220-1-99M7	FRONT COVER LH	1
4	TMP220-1-107 M10	FRONT COVER RH	1
5	TMP220-1-107M7	FRONT COVER RH	1
6	TMP220-1-107-1M10	FRONT COVER RH	1
7	TMP220-1-107-1M7	FRONT COVER RH	1
8	TMP220-1-110 M10	GEARBOX MOUNTING PLATE	1
9	TMP220-1-110 M7	GEARBOX MOUNTING PLATE	1
10	TMP220-1-113	N/S FIXING ANGLE FAB	1
11	TMP220-1-113OH	O/S FIXING ANGLE FAB	1
12	TMP220-1-116M10	GEARBOX ANGLE PLATE	1
13	TMP220-1-116M7	GEARBOX ANGLE PLATE	1
14	TMP220-2-50	ADJUSTER PLATE	1
15	TMP220-2-53	TMP FLYWHEEL AND SHAFT	1
16	TMP220-2-100	SHIM 75 X 60.5X1	6
17	CS100-6-8	BELT	1
18	TMP170-1-84	TANK SEAT	1
19	CM170-2-32	Shear bar clamp	1
20	CM170-2-37	SHEARBAR LOCK	1
21	CM170-2-58	BEARING BOLT BLOCK	4
22	C220229	VERTICAL SHEAR BAR	1
23	C220230	VERTICAL SHEAR BAR 75mm	1
24	CM220-2-31	HORIZONTAL SHEARBAR	1
25	CM220-2-25-1	FLOATING PIVOT PLATE	1
26	CM220-2-43	BEARING SHIELD	1
27	CM220-2-48	LOCKING COLLAR (NO STRESS)	1
28	cm220-2-61	SEAL PLATE	1
29	CM220-2-62	BEARING HOUSING	1
30	CM220-2-63	CLAMP PLATE	1
31	CM220-2-64	END COVER FLANGE	1
32	CM220-2-65	BEARING SPACER RING	1
33	CM220-2-66	LOCATION SLEEVE 28 LONG	1
34	CM220-2-67	LOCATION SLEEVE 40 LONG	1
35	CM220-2-68	LOCATION SLEEVE 39 LONG	1
36	C220265	FLYWHEEL SEAL	1
37	C220264	ROLLER BEARING	1
38	91602-R	LARGE FLAT WASHER	1
39	C202503	Chipping disc	1
40	C220204	CUTTER POCKET	1
41	c200801	FLANGE BEARING	1
42	91004	SHAKEPROOF WASHER	4
43	C203007	COUPLING FLANGE	2
44	C203007-1	COUPLING ELEMENT	1
45	C202109	TAPERLOCK BUSH	1
46	TMP220613	DRIVE PULLEY	1
47	TMP220617	TAPERLOCK BUSH	2
48	EC1523637	V Belt Taperlock Pulley	1
49	TMP220612	TL BUSH	1
50	TMP220-1-80M10	PTO GUARD	1
51	TMP220-1-80M7	PTO GUARD	1
52	TMP220-6-4	GEARBOX	1
53	TMP220-6-5	GEARBOX	1
54	TMP220-6-2-1	HYDRAULIC PUMP	1
55	TMP220-6-3	FRONT BEARING SUPPORT	1
56	TMP220-1-108	PUMP MTG PLATE	1
57	C251813	HYDRAULIC CONTROL VALVE	1
58	C251808	SOLENOID VALVE	1
59	CM170-1-70	HYDRAULIC TANK	1
60	TMP220-1-105	TANK STRAP	2
61	CM170-1-53	NO STRESS BRKT	1
62	TMP170-1-59	HYD FILTER BKT	1
63	C203321	NO STRESS BOX	1

TOLERANCES UNLESS OTHERWISE SPECIFIED ANGULAR 0.25°	FINISH: SEE BOM	DATE 03/10/13	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
MATERIAL: SEE BOM	TITLE: 220TMP CHIPPER CHAMBER PARTS LIST	DWG NO. TMP220 CC PARTS LIST	AD
WEIGHT:			

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-3-1	R/BOX FAB	1
2	TMP220-1-68	BATTERY COVER FAB	1
3	CM220-3-11	MOTOR MTG PLATE FAB	1
4	CM220-3-20	BOTTOM ROLLER FAB	1
5	CM220-3-24	TOP ROLLER FAB	1
6	CM170-3-36	PIVOT ARM GUARD	1
7	CM170-3-42-4	BEARING SHIM	1
8	CM170-3-42-3	BEARING SHIELD	1
9	CM170-3-42-1	LG TOP ROLLER SPACER	1
10	CM170-3-42-2	SHORT TOP ROLLER SPACER	1
11	CM170-3-28	PIVOT ARM FAB	1
12	CM170-3-38	PIVOT PIN	1
13	CM220-3-15	TOP COVER	1
14	CM170-3-37	RETURN FILTER BKT	1
15	CM170-3-45	GUARD SPACER	2
16	C180109	BOTTOM ROLLER BEARING	1
17	C252119	ROLLER BEARING	3
18	CM170-3-53	OILITE BUSH	2
19	C180119	PIVOT ARM SPRING	1
34	81960	C/S HD BOLT	2



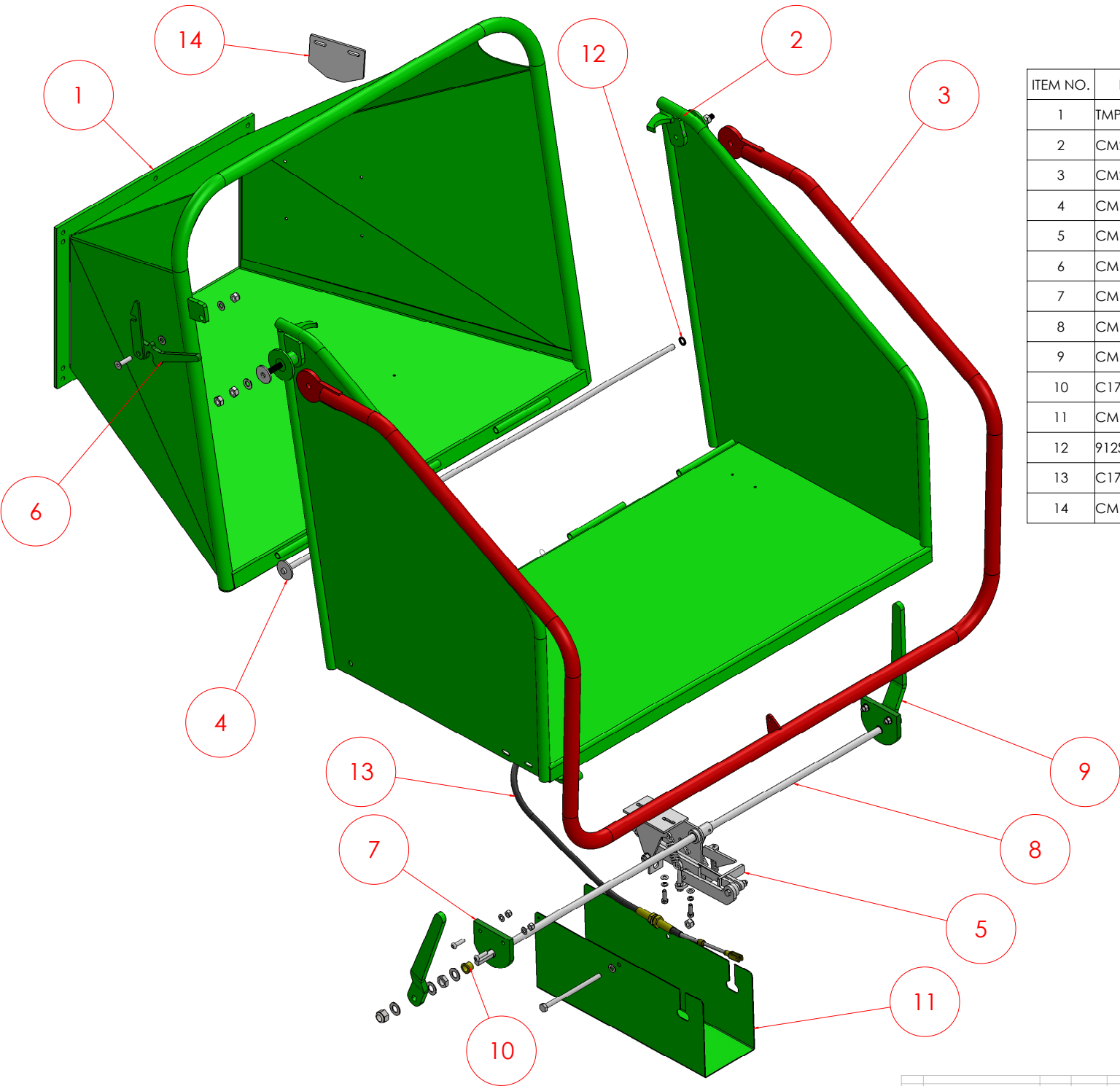
BOTTOM ROLLER SETUP

TO DECEMBER 2013

SEE NEXT PAGE FOR 2014 ONWARDS

TOLERANCES: LINEAR 0.025mm ANGULAR 0.25°	FINISH: SEE BOM	NAME MM	SIGNATURE BGG	DATE 07/10/13	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm
MATERIAL: SEE BOM					TITLE: 220TMP ROLLERBOX PARTS LIST
WEIGHT:					DWG NO. TMP220 RB PARTS LIST

REV	MODIFICATION	DRN	APPRD	DATE



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TMP220-4-1	INFEED CHUTE FAB	1
2	CM220-4-71	INFEED FLAP FAB	1
3	CM220-4-20	SAFETY BAR FAB	1
4	CM170-4-14A	HINGE PIN	1
5	CM170-4-171A	PIVOT BRKT ASSY	1
6	CM170-4-19A	FLAP LOCK	1
7	CM170-4-79	SIDE PLATE	2
8	CM170-4-77	OPERATING ROD	1
9	CM170-4-78	OPERATING LEVER	2
10	C170410	OILITE PLANGED BUSH	2
11	CM170-4-56	DETENT GUARD	1
12	912SL	STARLOCK WASHER	1
13	C170107	OPERATING CABLE	1
14	CM170-4-48A	CABLE BRKT FAB	1

TOLERANCES:
LINEAR: 0.025mm
ANGULAR: 0.2°

FINISH:
SEE BOM

NAME: MM
CHD: BGG
APPRO:

DATE: 09/10/13

REVISIONS:
REV. MODIFICATION
14

DRN: APPRD: DATE:

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

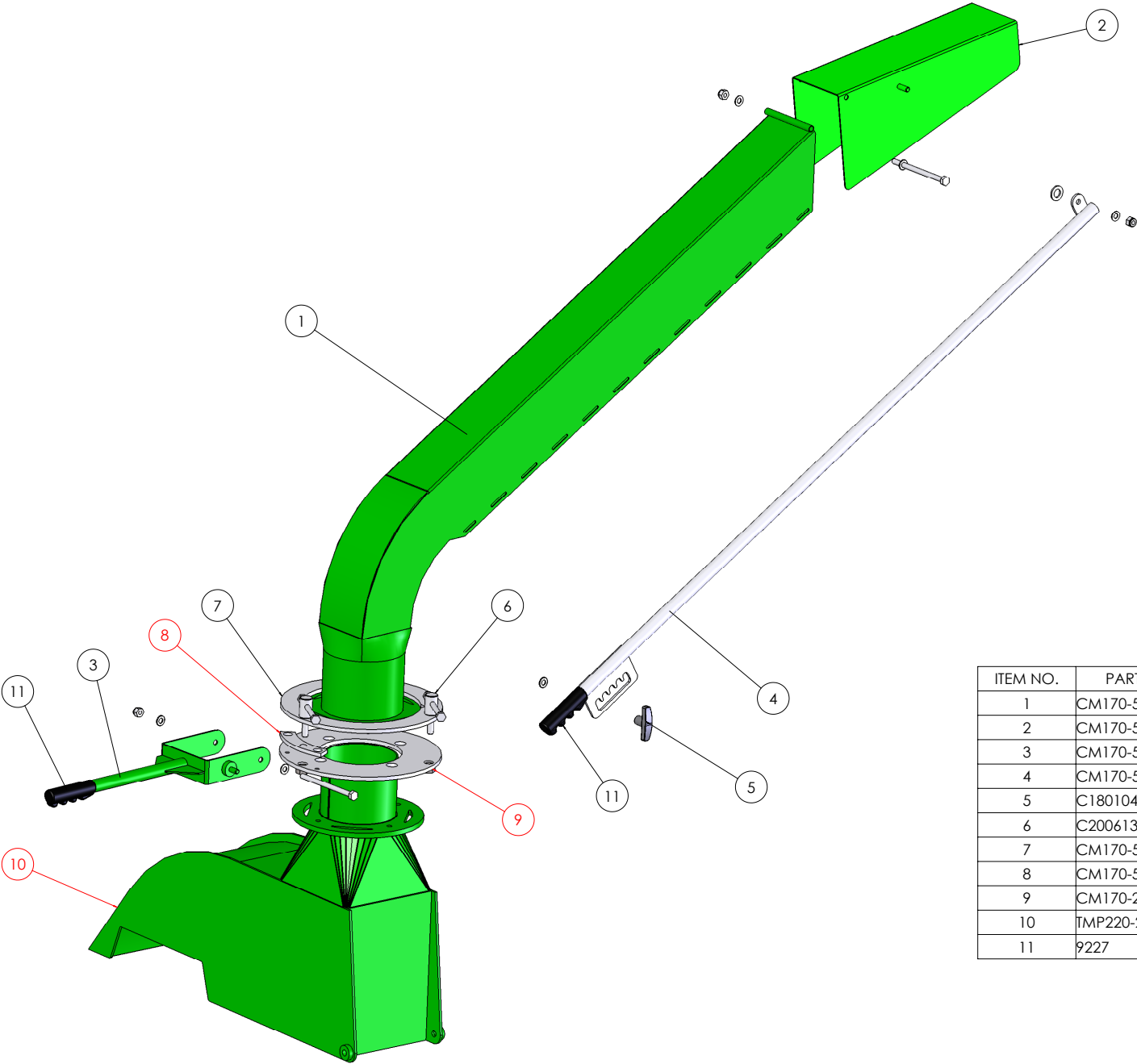
MATERIAL:
SEE BOM

WEIGHT:

TITLE:
220TMP INFEED CHUTE
PARTS LIST

DWG NO:
TMP220 IC PARTS LIST
SCALE: 1:20

SHEET 1 OF 1

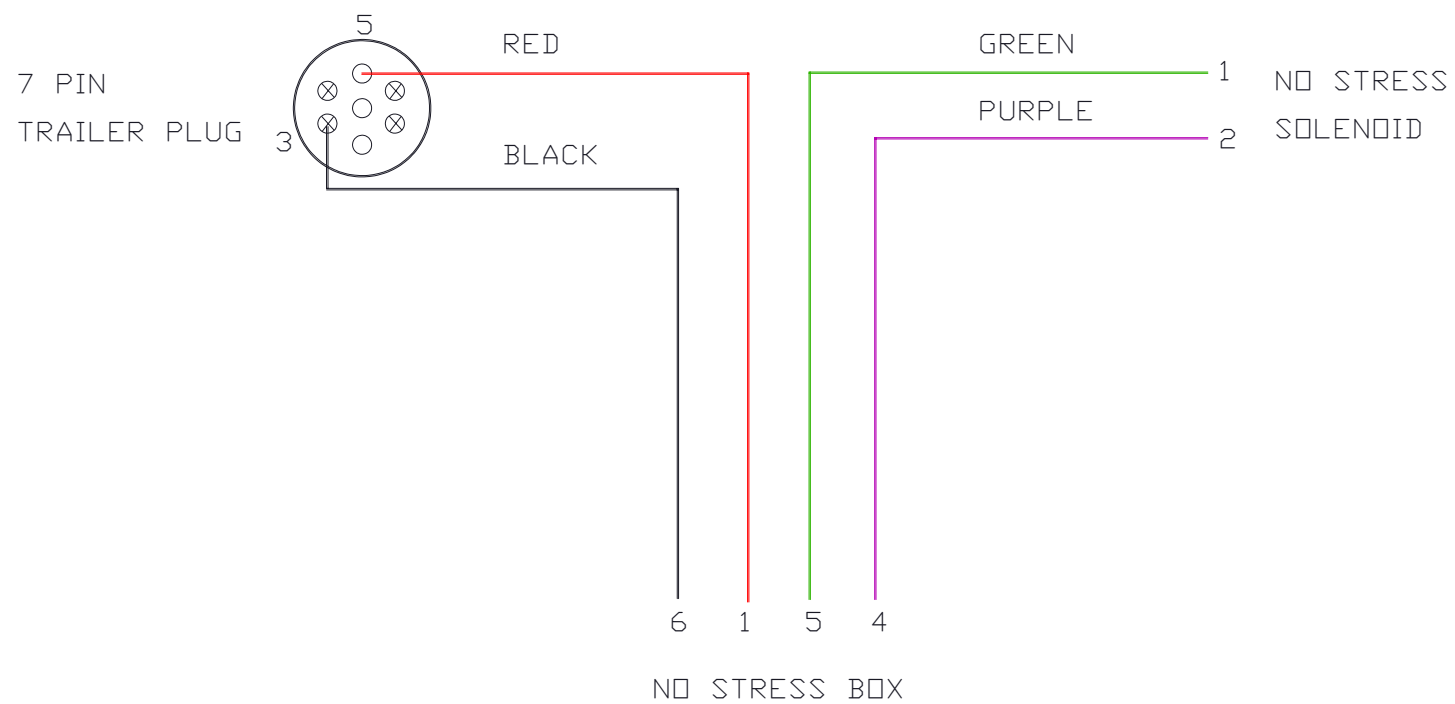


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM170-5-1A	DISCHARGE CHUTE	1
2	CM170-5-2A	DISCHARGE FLAP	1
3	CM170-5-3A	DIRECTIONAL HANDLE	1
4	CM170-5-4A	FLAP ADJUSTER ROD	1
5	C180104	TEE HANDLE	1
6	C200613	CLAMP BOLTS	3
7	CM170-5-11	CLAMP RING	1
8	CM170-5-14	QUADRANT	1
9	CM170-2-5	LOCATION RING	1
10	TMP220-2-2	CHIPPER CHAMBER UPPER FAB	1
11	9227	1" HANDLE GRIP	2

REV	MODIFICATION	DRN	APPRD	DATE

TOLERANCES: LINEAR: 0.025mm ANGULAR: 0.25°	FINISH: SEE BOM	NAME	SIGNATURE	DATE	TOLERANCES MACHINED PARTS - +/- 0.025mm FABRICATED PARTS - +/- 1.0 mm	
		DRAWN: MM		09/10/13		
		MATERIAL: SEE BOM		CHECKED: BGG		TITLE: 220TMP DISCHARGE CHUTE PART LIST
				APPROVED: BGG		
WEIGHT:		DWG NO.			AD	
		TMP220 DC PART LIST				

TMP 220



TMP220 ELECTRICAL

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
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
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
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	