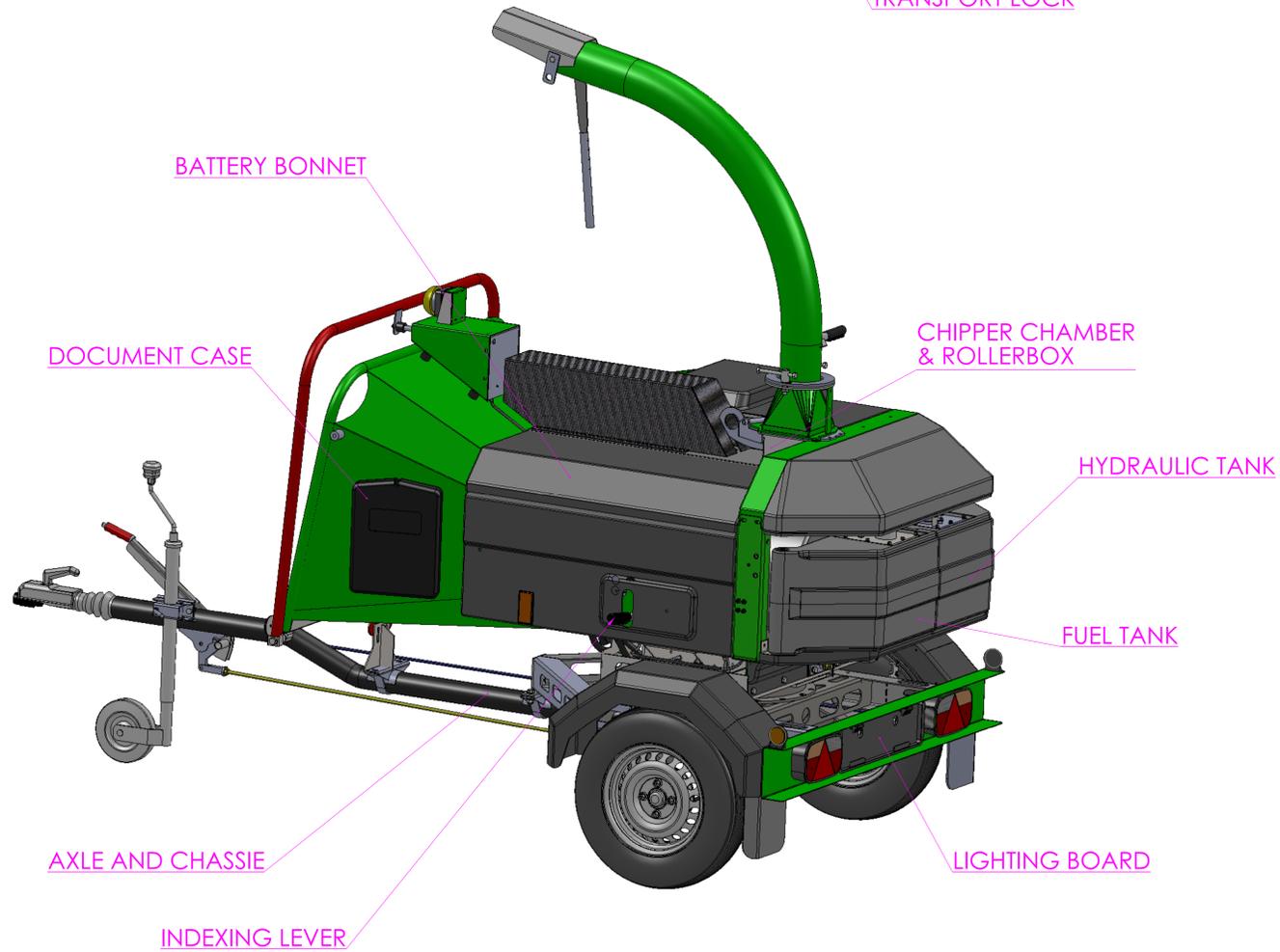
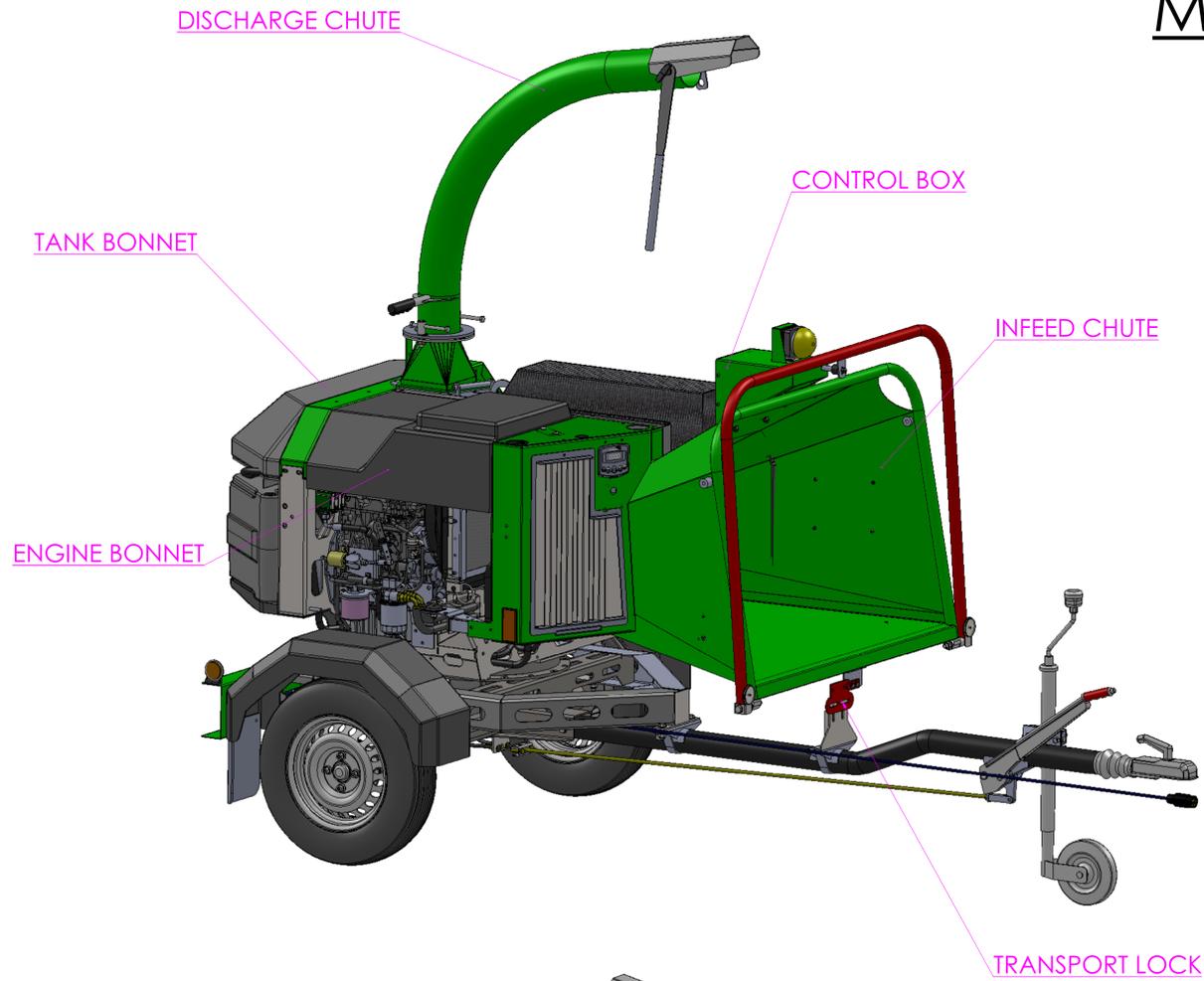


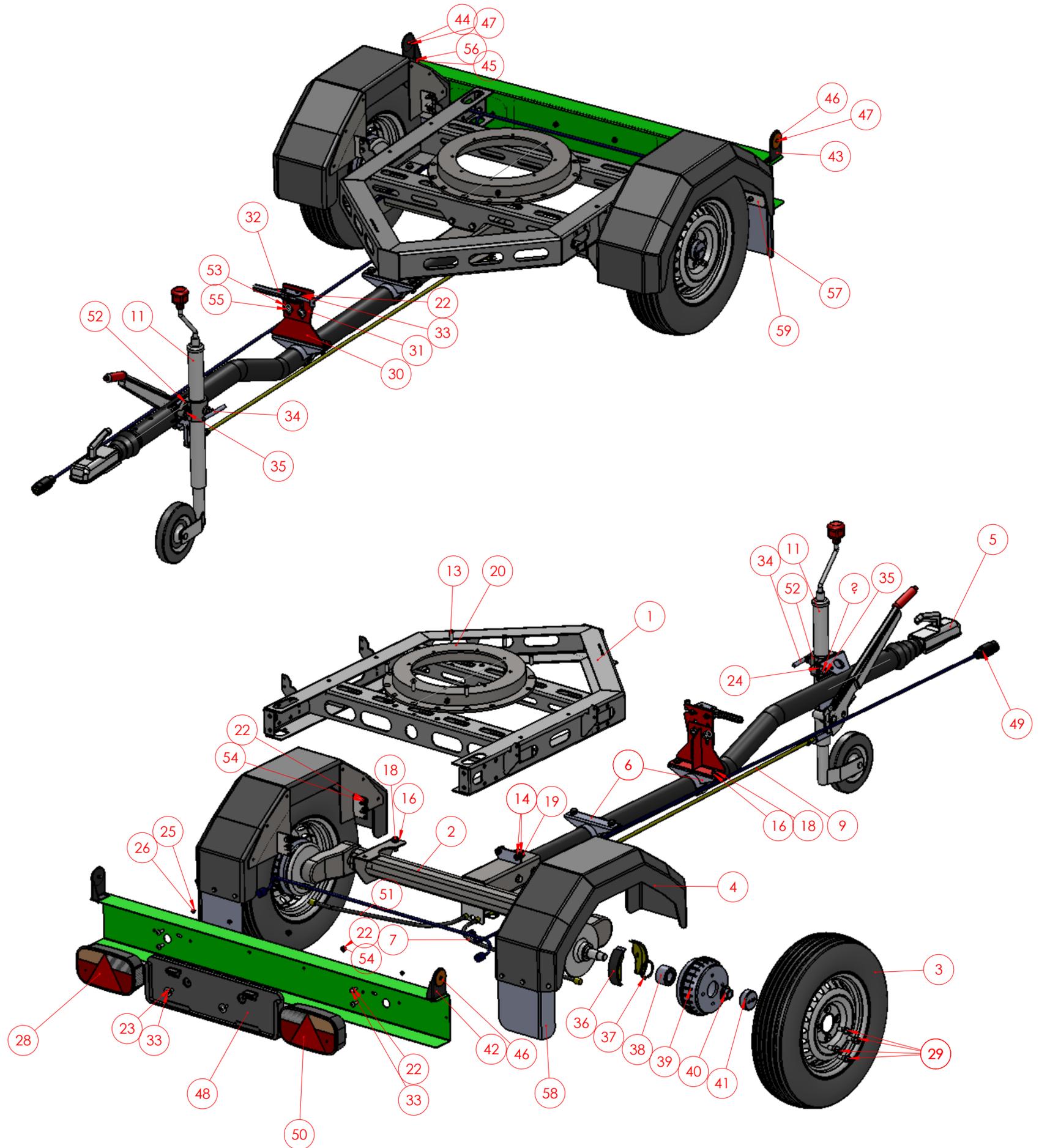
MK1 QUAD AND QTRAK INDEX



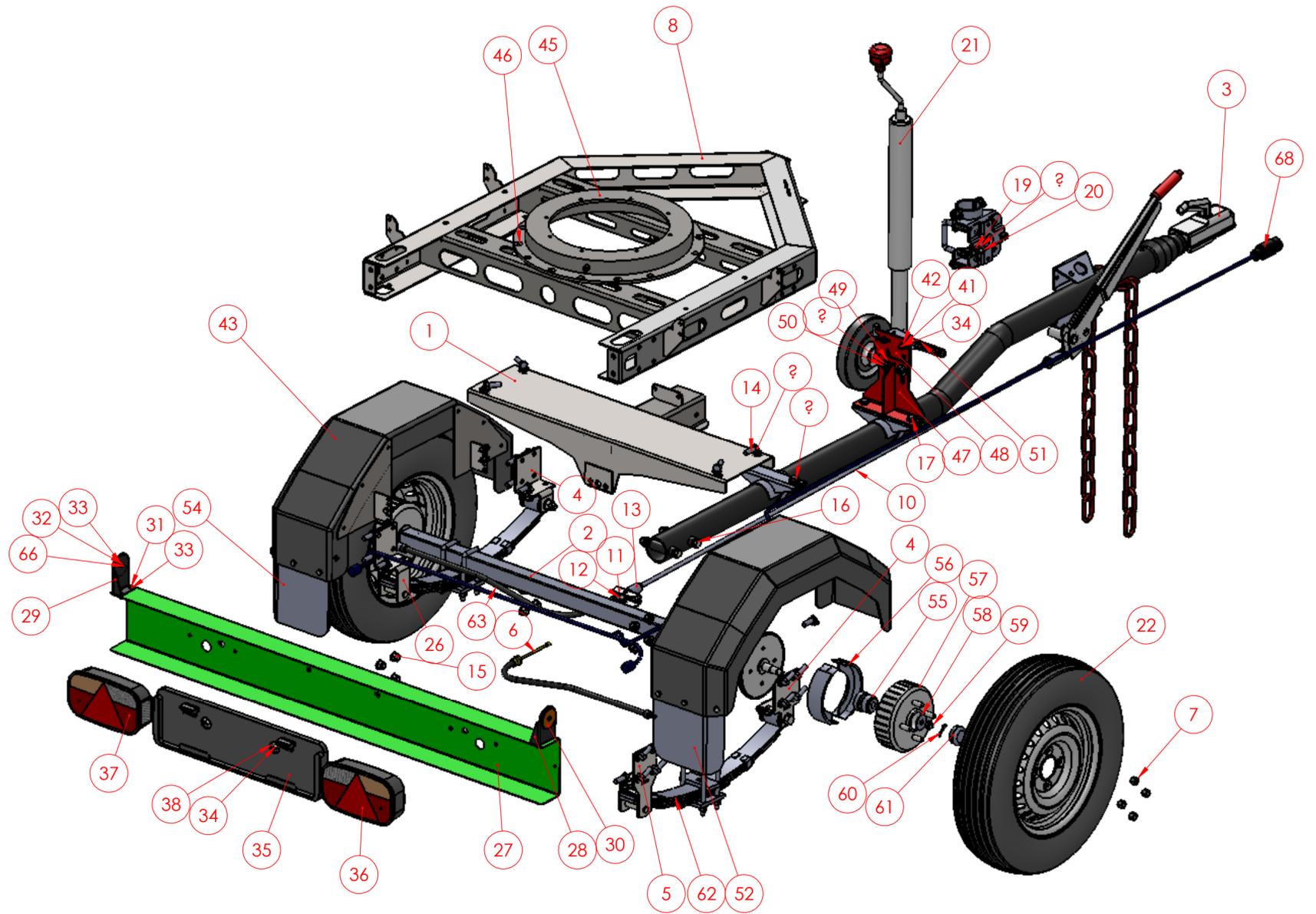
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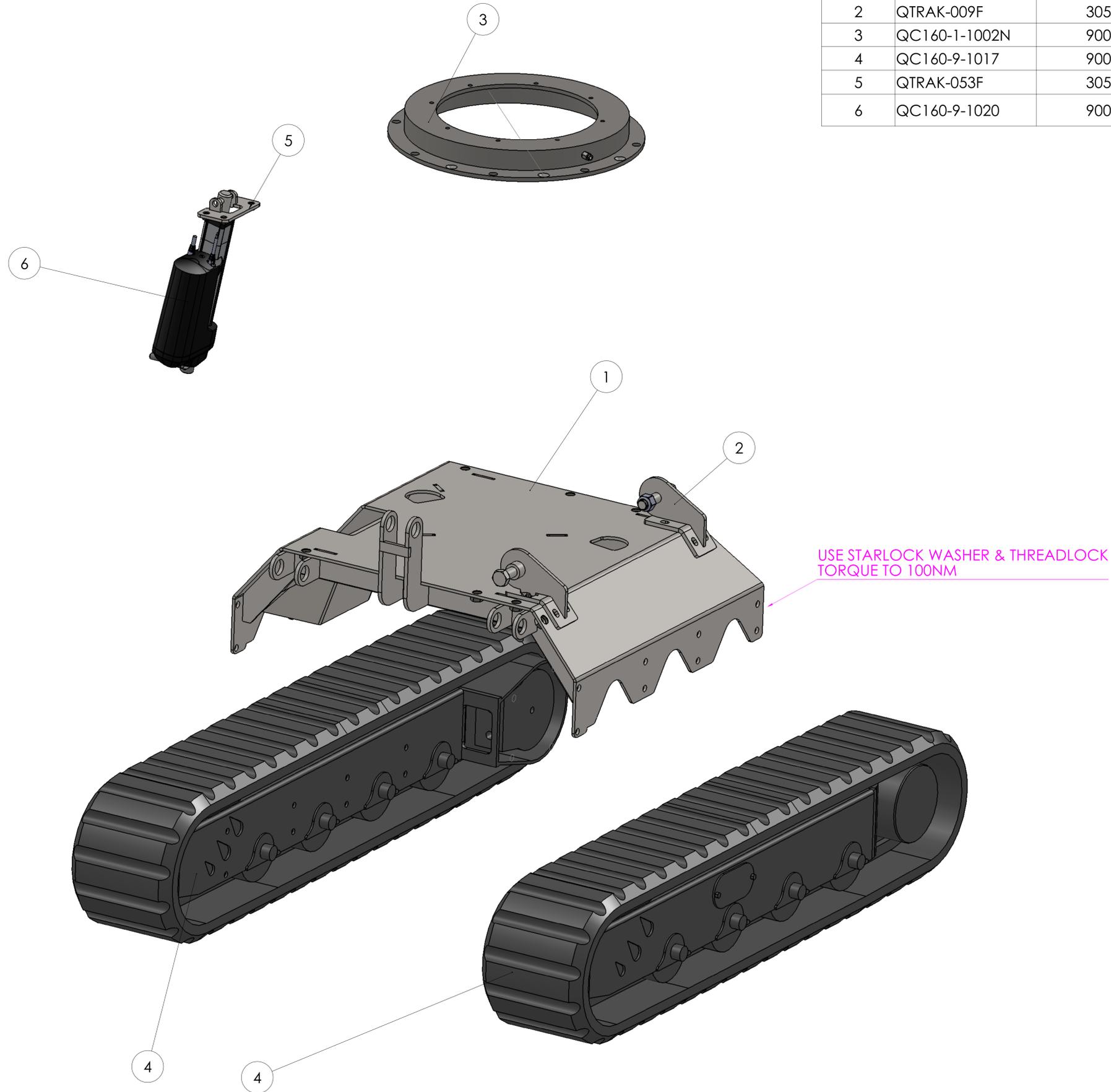
BOM Table				
ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	FULL BUILD/QTY.
1	QC160-1-1	305010001	QUAD-CHIP TRAILER FRAME	1
2	QC160-1-1016	900940404	ALKO AXLE	1
3	QC160-1-1023	900940411	WHEEL AND TYRE	2
4	QC160-1-1014	900940424	MUDGUARD ASSY	2
5	QC160-1-1001L	900940401	ALKO T-POLE	1
6	QC160-1-1020	900940408	T-POLE CLAMP	2
7	QC160-1-1021	900940409	BRAKE CABLE	1
8	QC160-1-1018	900940406	COMPENSATOR	1
9	QC160-1-1017L	900940405	HAND BRAKE ROD	1
10	QC160-1-1019	900940407	COMPENSATOR NUT	1
11	QC160-1-1022	900940410	JOCKEY WHEEL	1
12	QC160-1-10	305010010	LIGHTBOARD	1
13	81035	81035	C/SUNK HD BOLT	6
14	91002	91002	FLAT WASHER	14
15	91001	91001	M10 plain nut	12
16	91202	91202	FLAT WASHER	18
17	91201	91201	NYLOC NUT	12
18	91240	91240	HEX HD BOLT	8
19	91030	91030	HEX HD BOLT	2
20	QC160-1-1002N	900910181	SLEWING RING	1
21	912120	912120	HEX HD BOLT	2
22	90802	90802	FLAT WASHER	32
23	90802-R	90802-R	LARGE WASHER	2
24	QC160-1-70	305010086	JOCKEY WHEEL PLATE	1
25	90601	90601	NYLOC NUT	4
26	90602	90602	FLAT WASHER	4
27	90825	90825	HEX HD BOLT	14
28	GM-1002-TLA	900950307	NS REAR LAMP	1
29	QC160-1-1024	900940412	WHEEL STUD	8
30	QC160-4-23MK2	305040027	TRANSPORT BKT	1
31	QC160-4-35MK2	305040041	TRANSPORT BKT PLATE	1
32	QC160-4-1010	900900404	TRANSPORT LATCH	1
33	60820	60825	BUTTON HD BOLT	8
34	QC160-1-71	305010087	JOCKEY WHEEL BOLT	1
35	91055	91055	HEX HD BOLT	2
36	QC160-1-1066	900940426	BRAKE SHOE PAIR ALKO AXLE	2
37	QC160-1-1069	900890184	INTERNAL CIRCLIP ALKO AXLE	2
38	QC160-1-1068	900940428	WHEEL BEARING ALKO AXLE	2
39	QC160-1-1067	900940427	BRAKE DRUM	2
40	QC160-1-1070	900940429	AXLE NUT	2
41	QC160-1-1071	900940431	HUBCAP ALKO	2
42	QC160-1-96-3	305010120	REFLECTOR MOUNT	1
43	QC160-1-96-3OH	305010197	REFLECTOR MOUNT	1
44	90501	90501	NYLOC NUT	6
45	90502	90502	FLAT WASHER	10
46	GM-1001-RYR	900940301	AMBER REFLECTOR	2
47	80520	80520	C/SUNK HD BOLT	2
48	EC1928464	900940302	NO PLATE HOLDER	1
49	GM-1003-TLL	900950304	TRAILER HARNESS	1
50	GM-1001-TLA	900950306	OS REAR LAMP	1
51	QC160-1-1021(2)	900940409	BRAKE CABLE	1
52	ARB150-1-1002	900940007	ALKO JOCKEY WHEEL CLAMP	1
53	91002-R	91002-R	LARGE WASHER	4
54	90801	90801	NYLOC NUT	18
55	61030	61030	BUTTON HD BOLT	2
56	60516	60516	BUTTON HD BOLT	4
57	QC160-1-1040 Opp Hand	900940425	RUBBER MUDFLAP	1
58	QC160-1-1040	900940425	RUBBER MUDFLAP	1
59	QC160-1-96	305010119	MUDFLAP BKT	2
60	91201-P	91201-P	PLAIN NUT	1



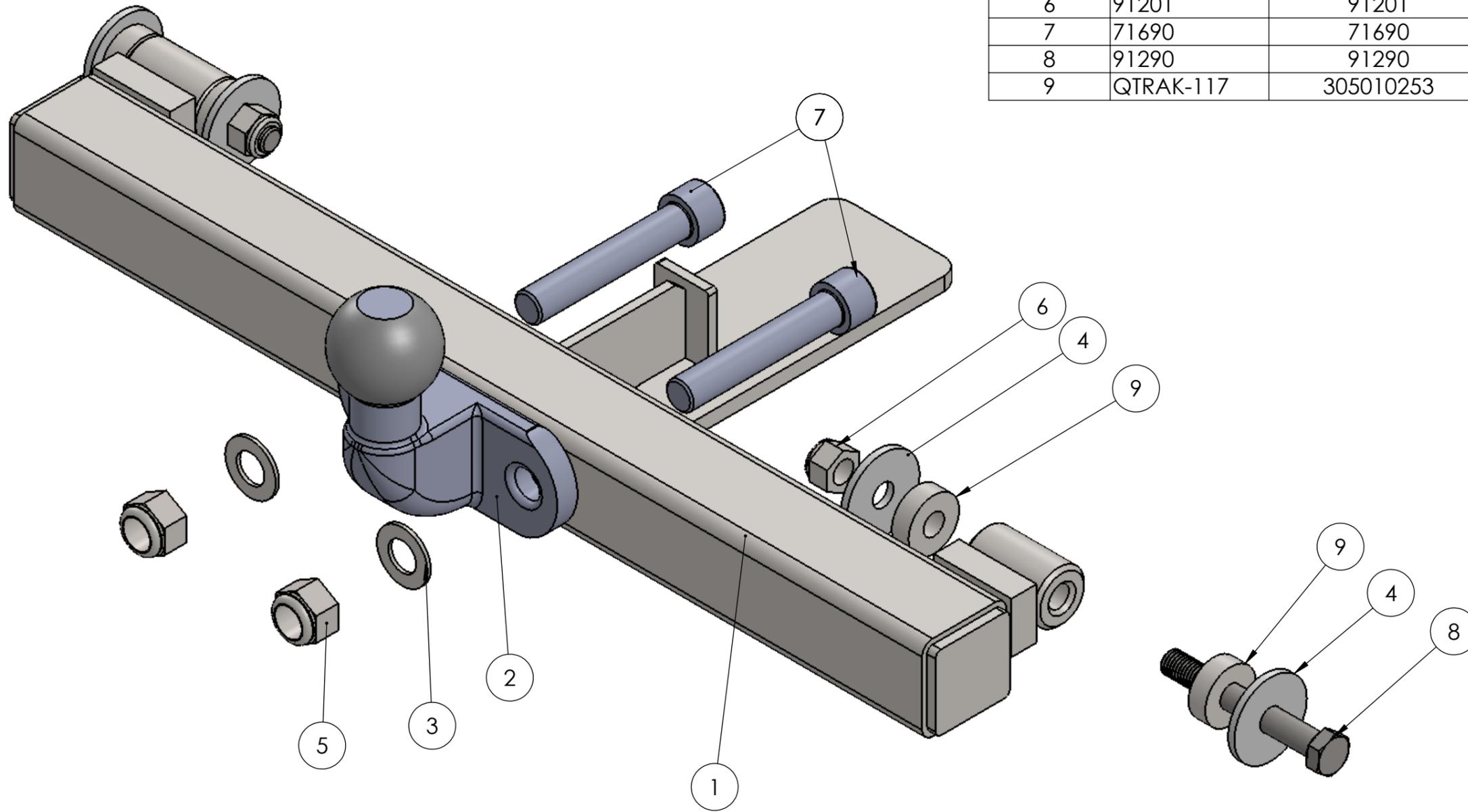
ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	built/QTY.
1	QC160-1-140	305010166	T-POLE MOUNT	1
2	QC160-1-1055	900940413	AXLE COMPLETE	1
3	QC160-1-1012	900940402	ALKO T-POLE AUSTRALIA	1
4	QC160-1-150	305010176	FRONT MOUNT	2
5	QC160-1-153	305010179	REAR MOUNT	1
6	QC160-1-1057	900940415	BRAKE CABLE	1
7	QC160-1-1061	900940419	WHEEL NUT	8
8	QC160-1-1	305010001	QUAD-CHIP TRAILER FRAME	1
9	QC160-1-1020	900940408	T-POLE CLAMP	2
10	QC160-1-1017L	900940405	HAND BRAKE ROD	1
11	QC160-1-1018	900940406	COMPENSATOR	1
12	QC160-1-1019	900940407	COMPENSATOR NUT	1
13	QC160-1-1062	900940420	H/BRAKE ROD EXTENSION	1
14	91202	91202	FLAT WASHER	63
15	91201	91201	NYLOC NUT	30
16	912120	912120	HEX HD BOLT	2
17	91240	91240	HEX HD BOLT	4
18	QC160-1-1063	900940421	JOCKEY WHEEL MOUNT	1
19	91002	91002	FLAT WASHER	14
20	91035	91035	HEX HD BOLT	4
21	QC160-1-1064	900940422	JOCKEY WHEEL	1
22	QC160-1-1065	900940423	WHEEL AND TYRE	2
23	91602B	91602B	FLAT WASHER	4
24	91601	91601	NYLOC NUT	2
25	916100	916100	HEX HD BOLT	2
26	QC160-1-145	305010171	REAR MOUNT	1
27	QC160-1-10	305010010	LIGHTBOARD	1
28	QC160-1-96-3	305010120	REFLECTOR MOUNT	1
29	QC160-1-96-3OH	305010197	REFLECTOR MOUNT	1
30	GM-1001-RYR	900940301	AMBER REFLECTOR	2
31	60516	60516	BUTTON HD BOLT	4
32	90501	90501	NYLOC NUT	6
33	90502	90502	FLAT WASHER	10
34	60820	60825	BUTTON HD BOLT	8
35	EC1928464	900940302	No PLATE HOLDER	1
36	GM-1001-TLA	900950306	OS REAR LAMP	1
37	GM-1002-TLA	900950307	NS REAR LAMP	1
38	90802-R	90802R	LARGE WASHER	2
39	90601	90601	NYLOC NUT	4
40	90602	90602	FLAT WASHER	4
41	90801	90801	NYLOC NUT	18
42	90802	90802	FLAT WASHER	28
43	QC160-1-1014	900940424	MUDGUARD ASSY	2
44	90825	90825	HEX HD BOLT	14
45	QC160-1-1002N	900910181	SLEWING RING	1
46	81035	81035	C/SUNK HD BOLT	6
47	QC160-4-23MK2	305040027	TRANSPORT BKT	1
48	QC160-4-35MK2	305040041	TRANSPORT BKT PLATE	1
49	91002-R	91002-R	LARGE WASHER	4
50	61030	61030	BUTTON HD BOLT	2
51	QC160-4-1010	900900404	TRANSPORT LATCH	1
52	QC160-1-1040	900940425	RUBBER MUDFLAP	1
53	QC160-1-96	305010119	MUDFLAP BKT	2
54	QC160-1-1040 oh	900940425	RUBBER MUDFLAP	1
55	QC160-1-1060	900940418	WHEEL BEARING KIT	2
56	QC160-1-1059	900940417	BRAKE SHOE PAIR	2
57	QC160-1-1058	900940416	HUB	2
58	QC160-1-1075	900940435	WASHER	2
59	QC160-1-1074	900940434	AXLE NUT	2
60	QC160-1-1073	900940433	SPLIT PIN	2
61	QC160-1-1072	900940432	HUB CAP	2
62	QC160-1-1056	900940414	SPRING	2
63	QC160-1-1057OH	900940415	BRAKE CABLE	1
64	91201-P	91201-P	PLAIN NUT	1
65	91001	91001	NYLOC NUT	12
66	80520	80520	C/SUNK HD BOLT	2
67	91235	91235	HEX HD BOLT	25
68	GM-1003-TLL	900950304	TRAILER HARNESS	1



ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	Default/QTY
1	QTRAK-001F	305010201	TRACK CHASSIS	1
2	QTRAK-009F	305010228	PIVOT BKT /OPP HAND	2
3	QC160-1-1002N	900910181	SLEWING RING	1
4	QC160-9-1017	900990401	GEMMO TRACK PAIR	1
5	QTRAK-053F	305010220	ACTUATOR BKT	1
6	QC160-9-1020	900930403	ACTUATOR	1

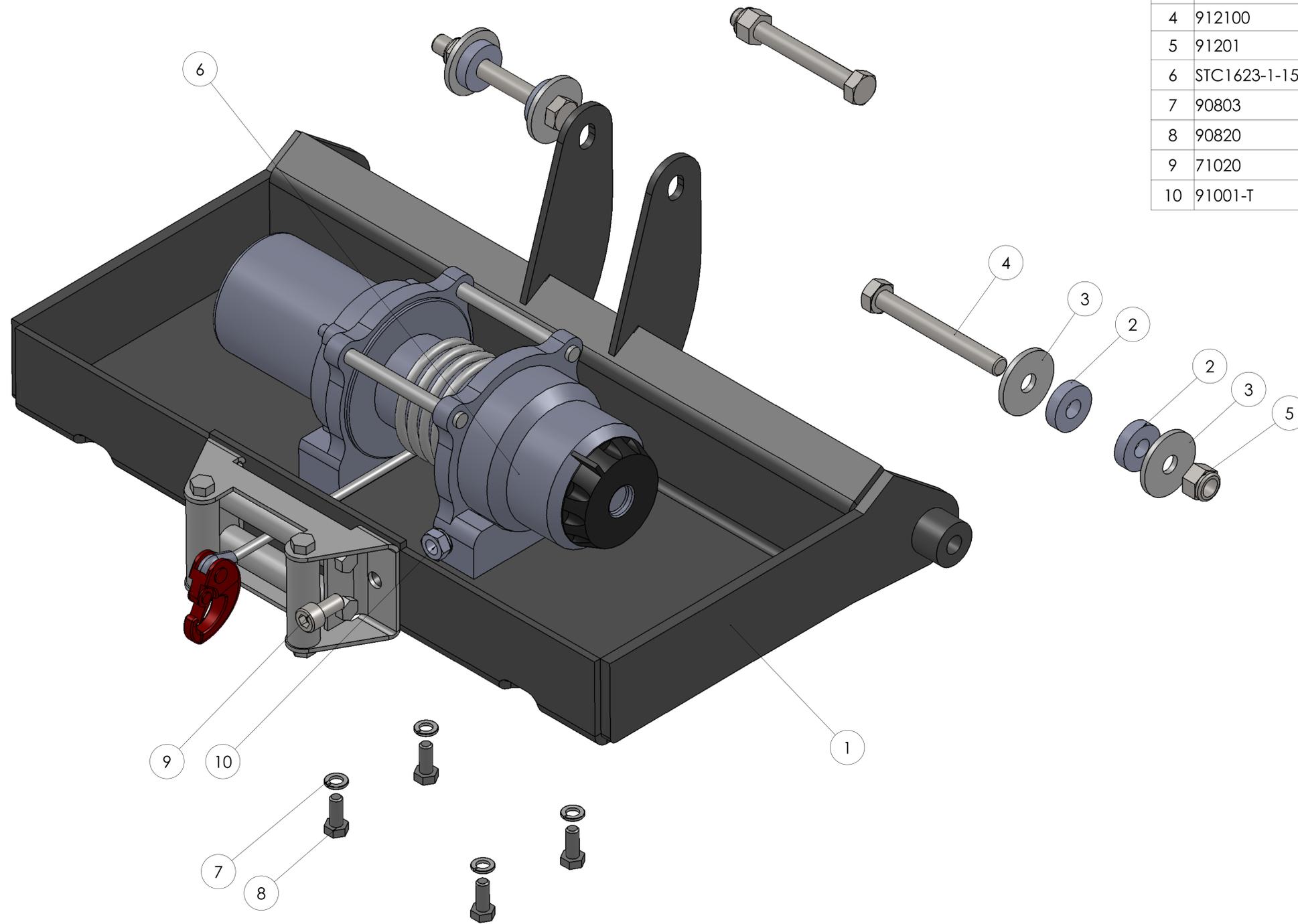


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY.
1	QTRAK-110	305010246	BALL HITCH BEAM	1
2	STC1928973	900940430	50MM BALL HITCH	1
3	91602B	91602B	FLAT WASHER	2
4	91202-R	91202-R	FLAT WASHER LARGE	4
5	91601	91601	NYLOC NUT	2
6	91201	91201	NYLOC NUT	2
7	71690	71690	CAP HD BOLT	2
8	91290	91290	HEX HD BOLT	2
9	QTRAK-117	305010253	SPACER	4



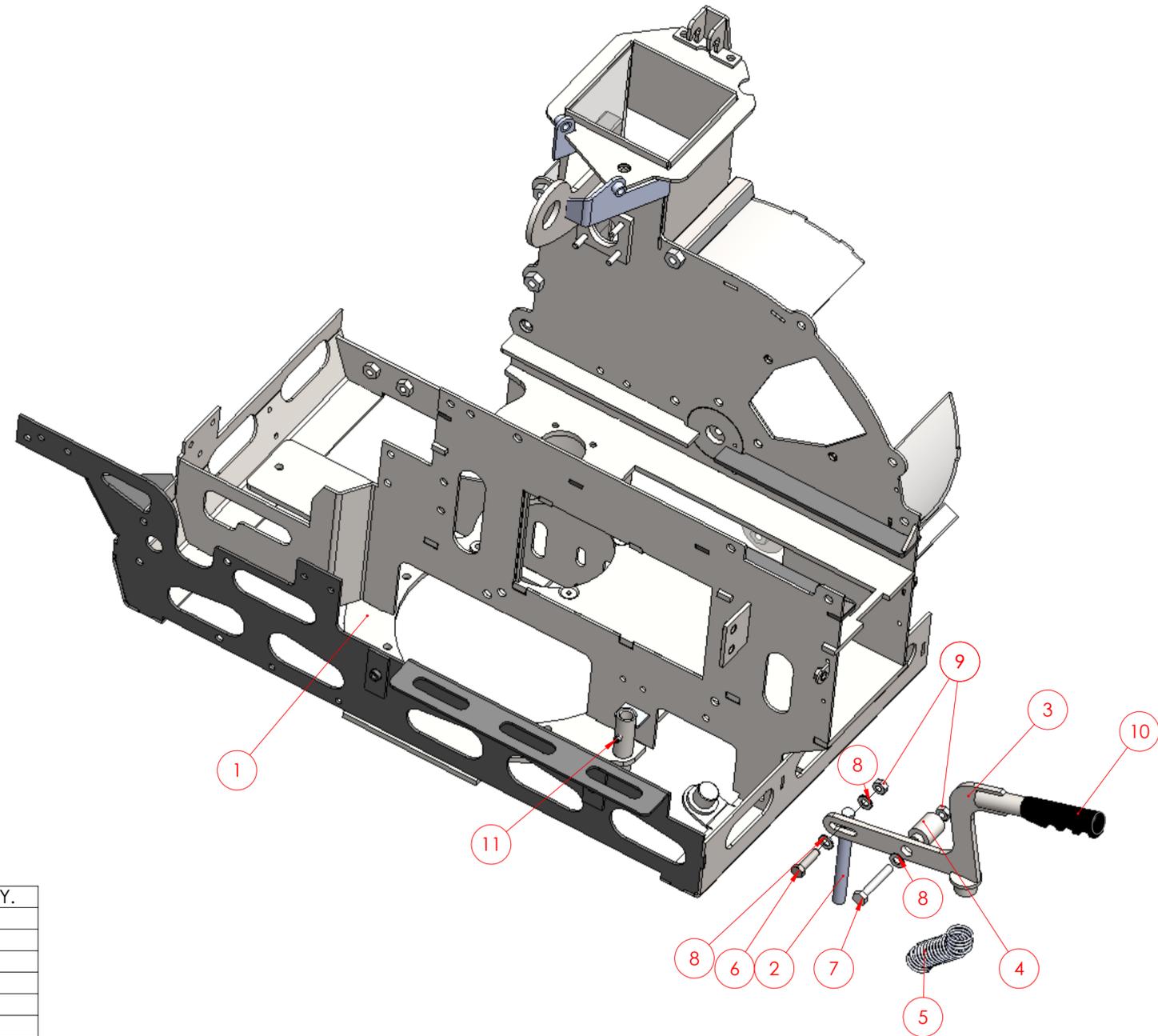
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BALL HITCH BEAM

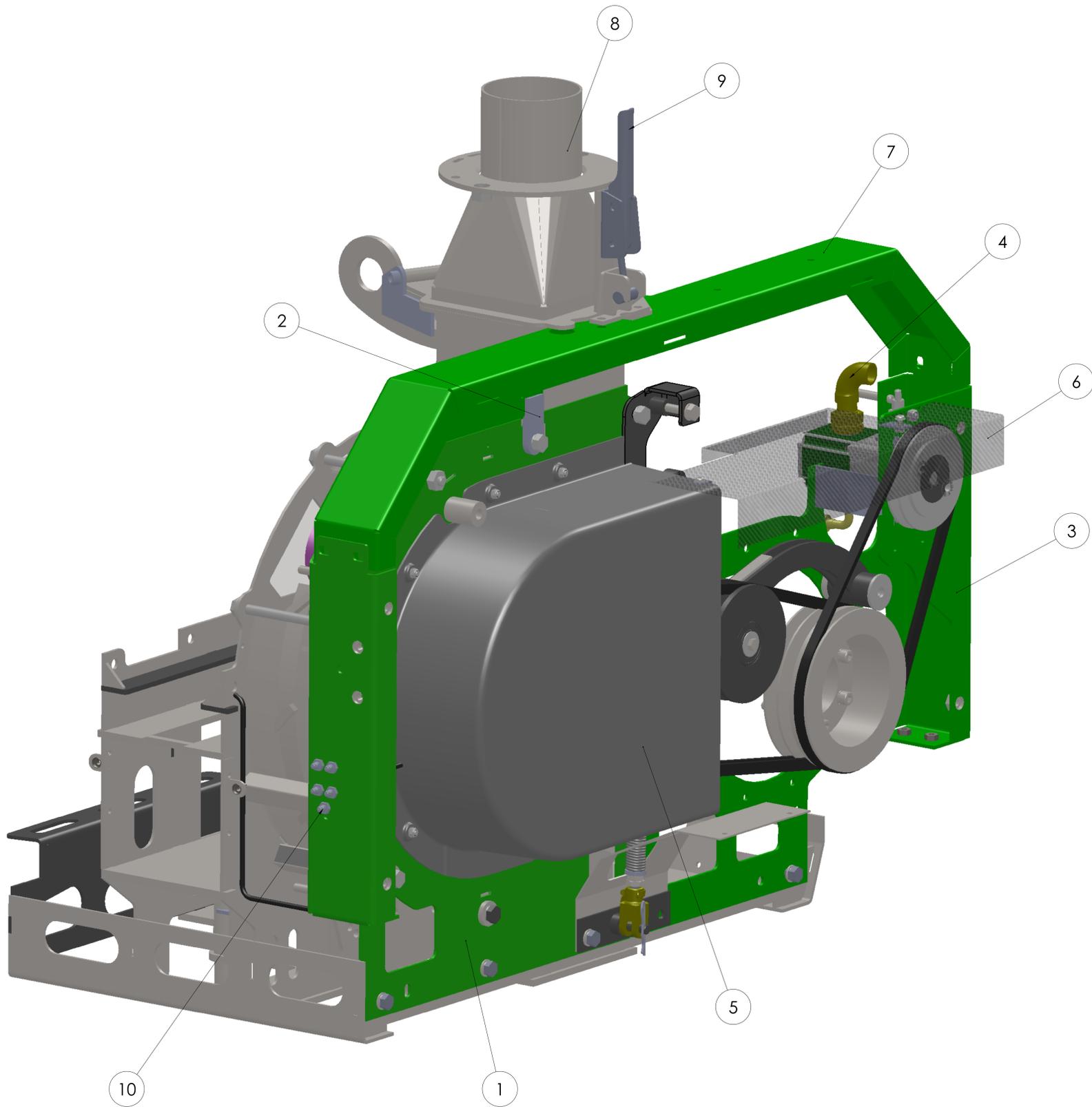


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	Def ault /QT Y.
1	QTRAK-0125F	305010242	WINCH PLATE	1
2	QTRAK-084	305010235	SPACER	4
3	91202-R	91202-R	LARGE WASHER	4
4	912100	912100	HEX HD BOLT	3
5	91201	91201	NYLOC NUT	3
6	STC1623-1-150	900990313	RT30 WINCH KIT	1
7	90803	90803	M8 SPRING WASHER	4
8	90820	90820	M8 HEX HD	4
9	71020	71020	CAP HD BOLT	2
10	91001-T	91001-T	THIN NYLOC NUT	2

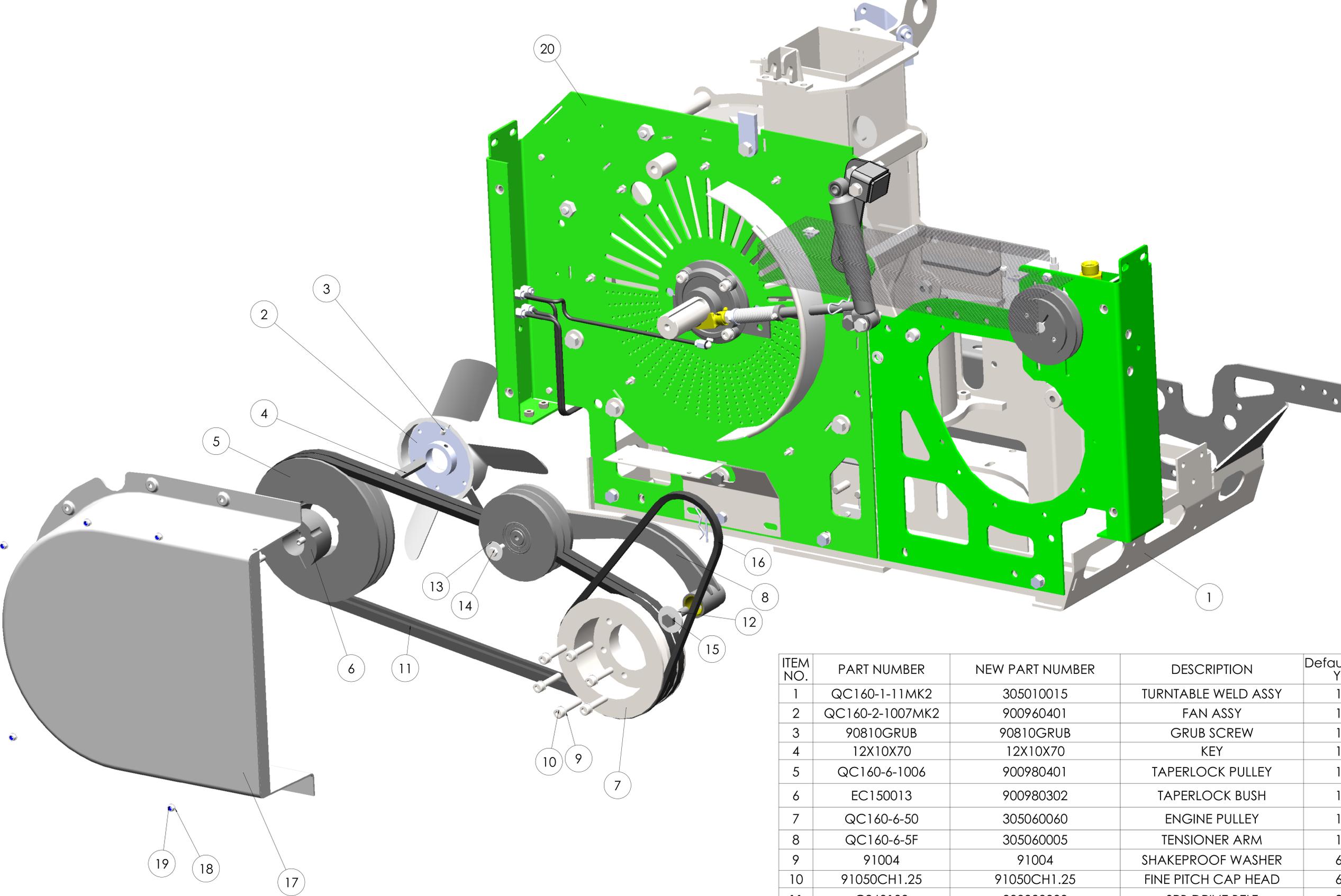
WINCH KIT



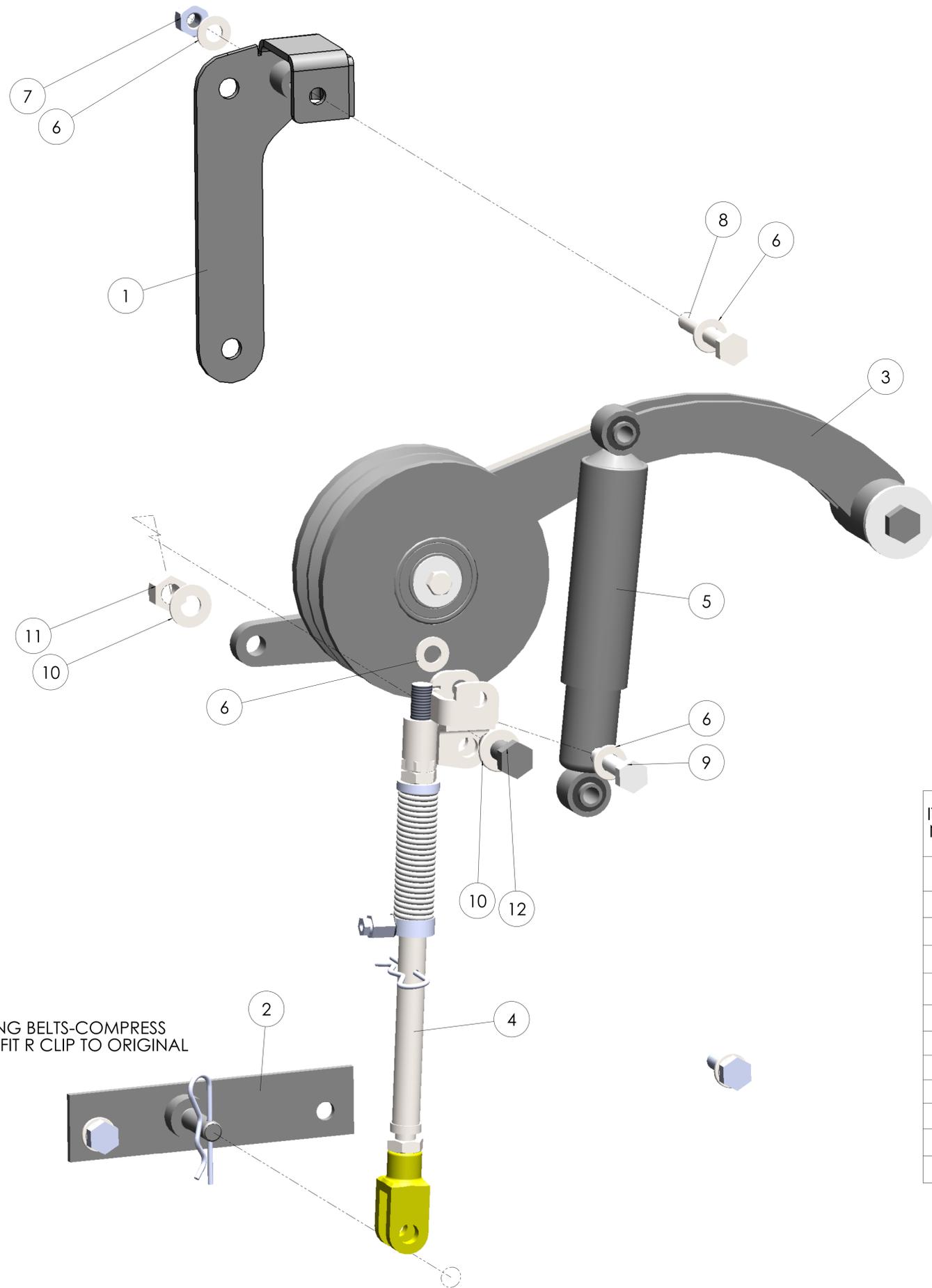
ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY.
1	QC160-1-11MK2	305010015	TURNTABLE WELD ASSY	1
2	QC160-1-44	305010057	INDEX PIN	1
3	QC160-1-46F	305010059	INDEXING LEVER	1
4	QC160-1-43	305010056	INDEX ARM PIVOT	1
5	EC1928116-2	900930199	TURNTABLE LEVER SPRING	1
6	91040	91040	HEX HD BOLT	1
7	91065	91065	M10 X 60 BOLT	1
8	91002	91002	FLAT WASHER	4
9	91001	91001	M10 plain nut	2
10	9227	900900303	PLASTIC HANDLE GRIP	1
11	GNS500	GNS500	GREASE NIPPLE	1



ITEM NO.	PART NUMBER	NEW PART NUMJBER	DESCRIPTION	QTY.
1	QC160-2-18	305020025	C/CFRONT PLATE FAB	1
2	QC160-2-61	305020074	CLAMP PLATE	1
3	QC160-6-1	305060001	EMGINE PLATE WELD ASSY	1
4	QC160-6-9001	900990409	HYDRAULIC PUMP ASSY	1
5	QC160-1-1010	900880408	PLASTIC FAN COWL	1
6	QC160-6-92	305060107	DRIVE GUARD	1
7	QC160-1-37MK2 F	305010048	UPPER HOOP WELD ASSY	1
8	QC160-2-26	305020034	SQUARE TO ROUND FAB	1
9	QC160-4-1010	900900404	TRANSPORT LATCH	1
10	EC151037	900870002	REMOTE GREASE NIPPLE	5

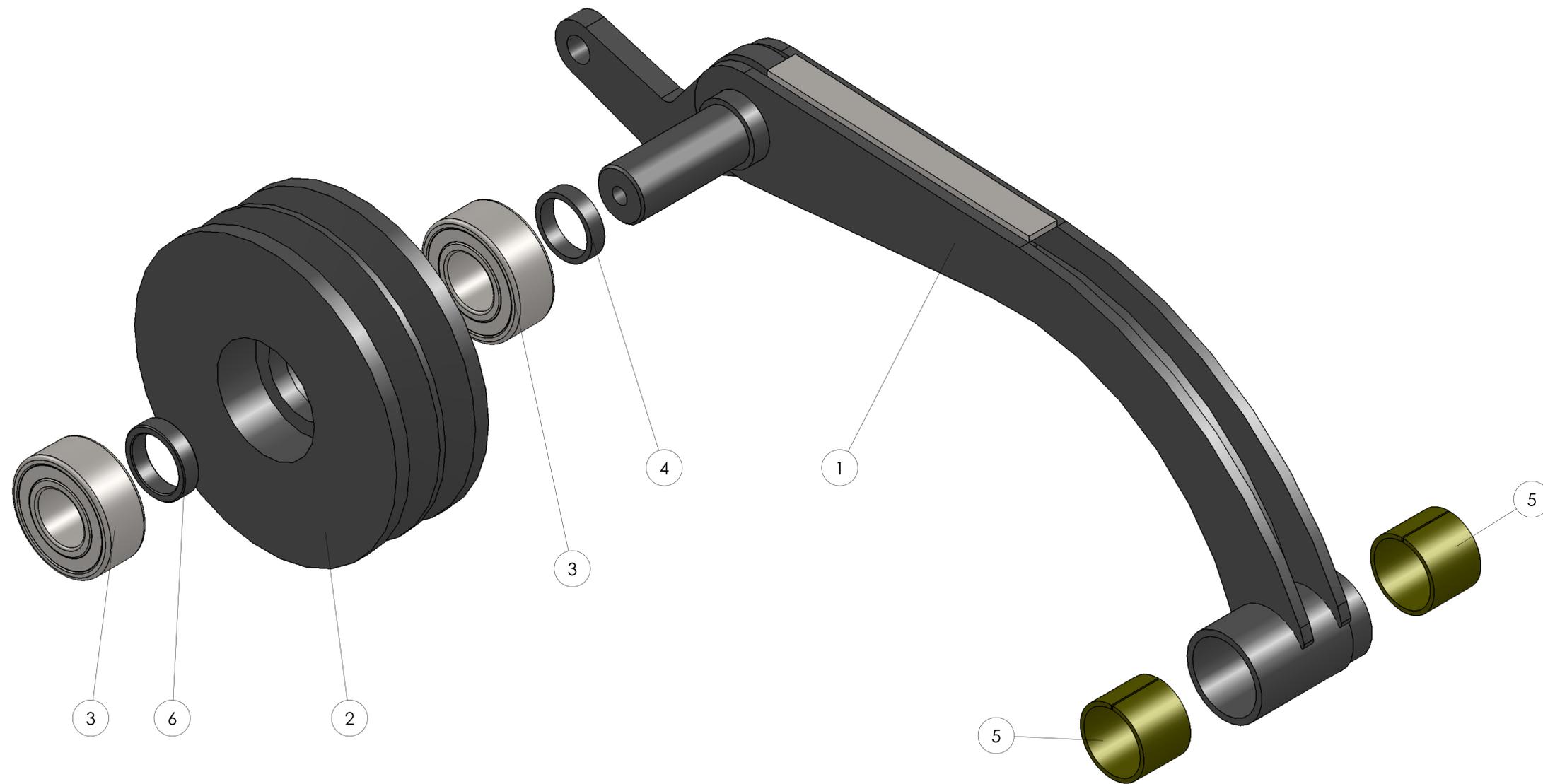


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	Default/QT Y.
1	QC160-1-11MK2	305010015	TURNTABLE WELD ASSY	1
2	QC160-2-1007MK2	900960401	FAN ASSY	1
3	90810GRUB	90810GRUB	GRUB SCREW	1
4	12X10X70	12X10X70	KEY	1
5	QC160-6-1006	900980401	TAPERLOCK PULLEY	1
6	EC150013	900980302	TAPERLOCK BUSH	1
7	QC160-6-50	305060060	ENGINE PULLEY	1
8	QC160-6-5F	305060005	TENSIONER ARM	1
9	91004	91004	SHAKEPROOF WASHER	6
10	91050CH1.25	91050CH1.25	FINE PITCH CAP HEAD	6
11	C260100	900980303	SPB DRIVE BELT	2
12	91202-R	91202-R	M12 LARGE WASHER	1
13	90802-R	90802-R	LARGE WASHER	1
14	90825	90825	HEX HD BOLT	1
15	91245	91245	HEX HD BOLT	1
16	QC160-6-1008	900980402	SPA DRIVE BELT	1
17	QC160-1-1010	900880408	PLASTIC FAN COWL	1
18	90602	90602	FLAT WASHER	6
19	90601	90601	NYLOC NUT	6
20	QC160-2-18	305020025	C/CFRONT PLATE FAB	1



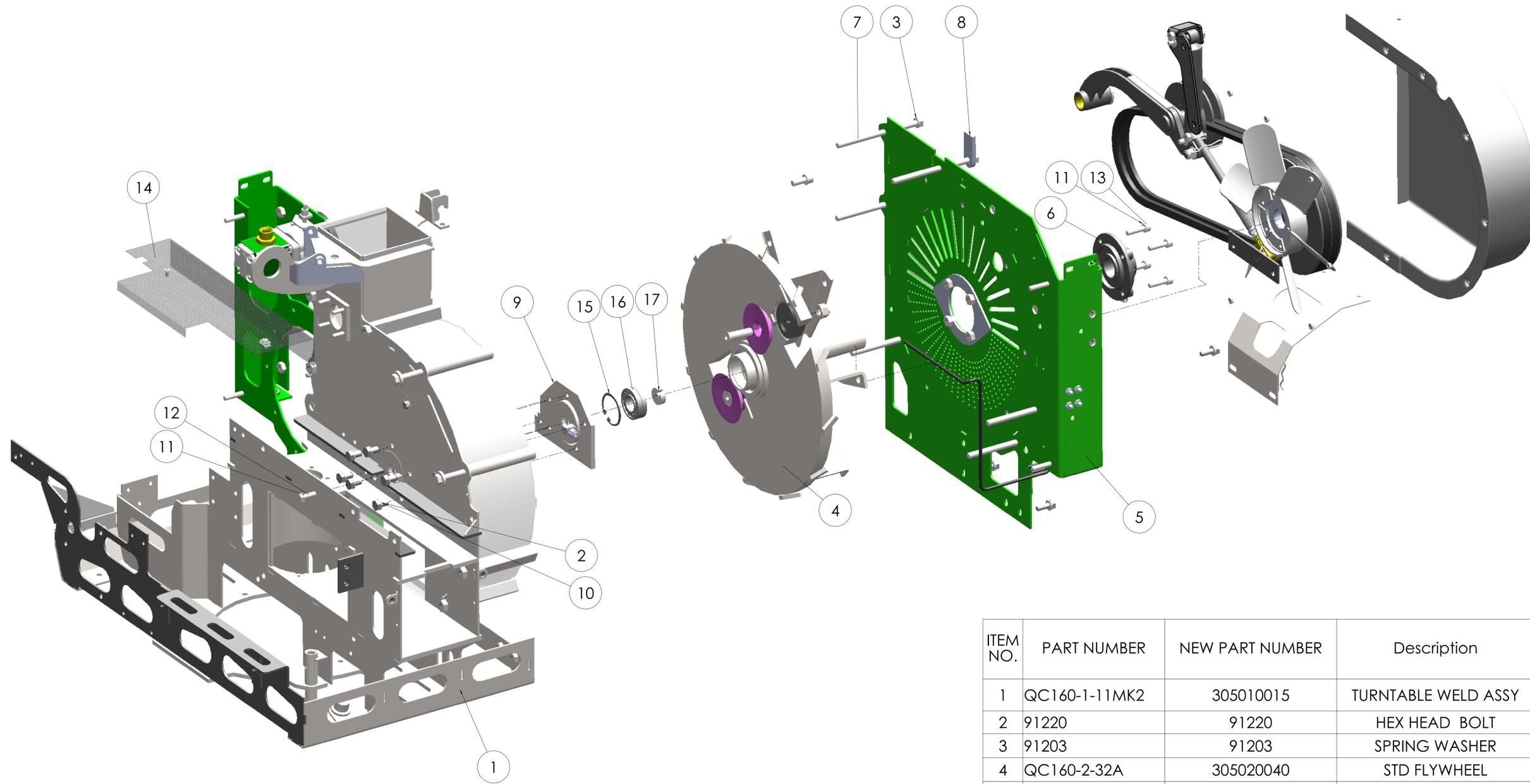
WHEN DETENSIONING BELTS-COMPRESS TENSIONER AND REFIT R CLIP TO ORIGINAL POSITION

ITEM NO.	PART NUMBER	NEW PART NUMBER	Description	FLYWHEEL EXPLODED QTY.
1	QC160-6-88F	305060102	DAMPER TOP MOUNT	1
2	QC160-6-80F	305060092	TENSIONER MOUNT	1
3	QC160-6-5F	305060005	TENSIONER ARM	1
4	QC160-6-125	305060141	TENSIONER	1
5	QC160-6-1022	900930407	DAMPER	1
6	91002	91002	FLAT WASHER	4
7	91001	91001	NYLOC NUT	2
8	91070	91070	HEX HD BOLT	1
9	91040	91040	M10 BOLT	1
10	91202	91202	FLAT WASHER	2
11	91201	91201	NYLOC NUT	1
12	91240	91240	HEX HD BOLT	1

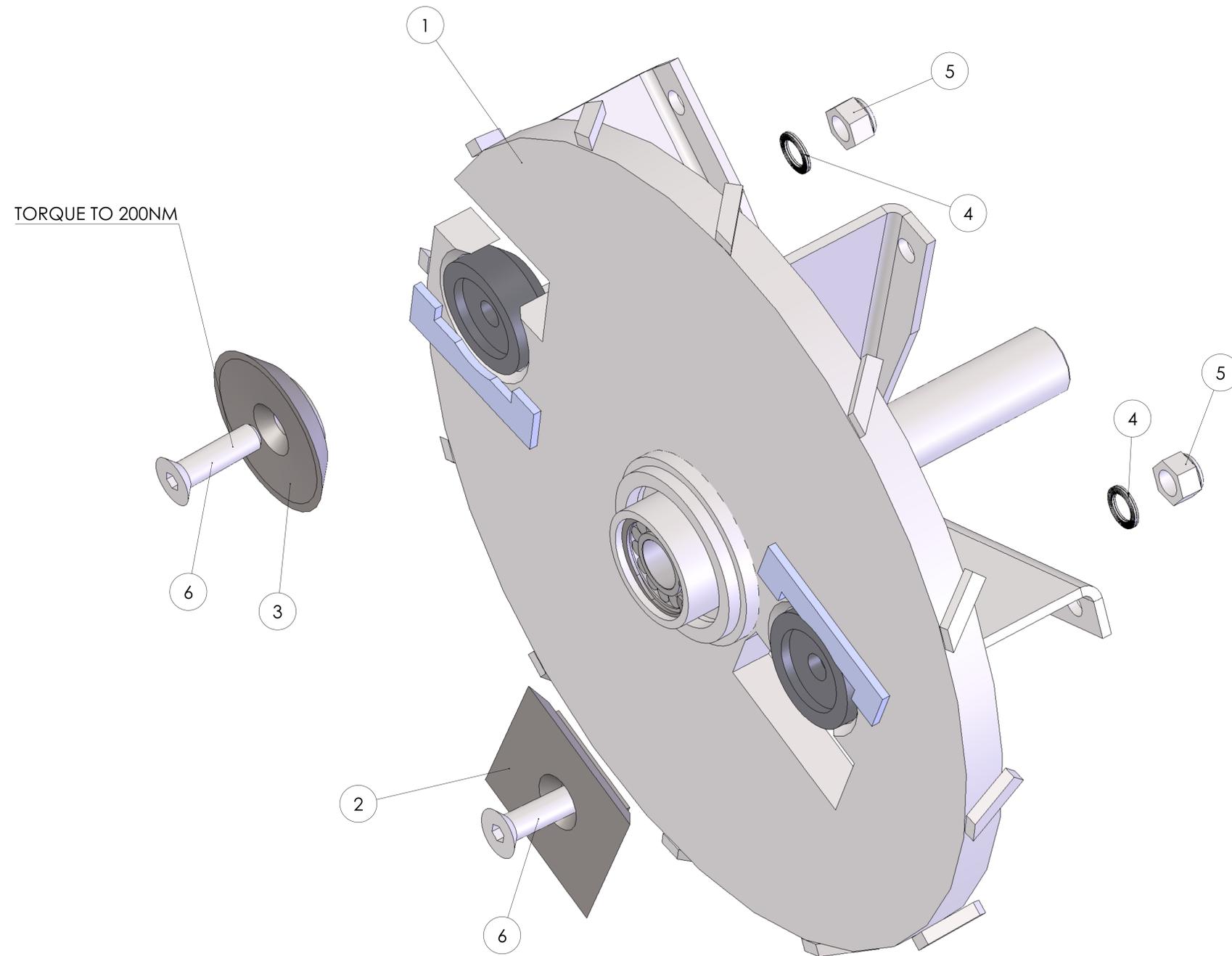


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-6-5F	305060005	TENSIONER ARM	1
2	QC160-6-1021	900980403	IDLER PULLEY	1
3	C252121	900910180	3205ZZ BEARING	2
4	QC160-6-90	305060105	PULLEY SPACER	1
5	QC160-6-1024	900910186	BRONZE BUSH	2
6	QC160-6-94	305060109	BEARING SPACER	1

TENSIONER ARM

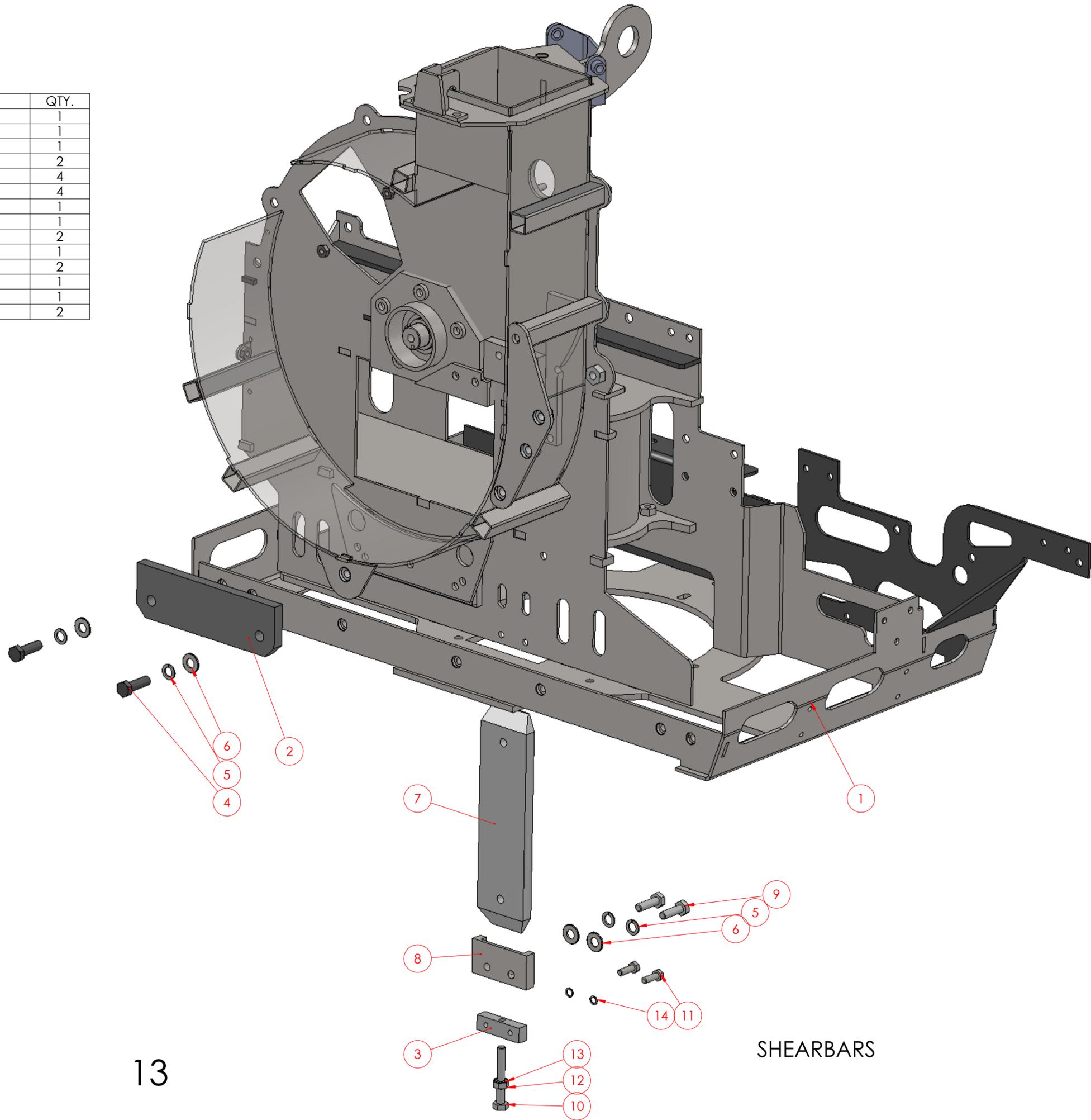


ITEM NO.	PART NUMBER	NEW PART NUMBER	Description	FLYWHEEL EXPLODED/QTY.
1	QC160-1-11MK2	305010015	TURNTABLE WELD ASSY	1
2	91220	91220	HEX HEAD BOLT	6
3	91203	91203	SPRING WASHER	11
4	QC160-2-32A	305020040	STD FLYWHEEL	1
5	QC160-2-18	305020025	C/CFRONT PLATE FAB	1
6	QC160-2-1001	900910182	MFC40	1
7	912180	912180	HEX HD BOLT	8
8	QC160-2-61	305020074	CLAMP PLATE	1
9	QC160-2-8MK3F	305020008	BEARING HOUSING	1
10	91204	91204	SHAKEPROOF WASHER	6
11	91004	91004	SHAKEPROOF WASHER	11
12	91045	91045	HEX HD BOLT	1
13	71040	71040	CAP HD BOLT	4
14	QC160-6-92	305060107	DRIVE GUARD	1
15	QC160-2-1003	900890181	CIRCLIP	1
16	QC160-2-1002	900910183	BEARING	1
17	QC160-2-63	305020076	CENTRE CLAMP	1



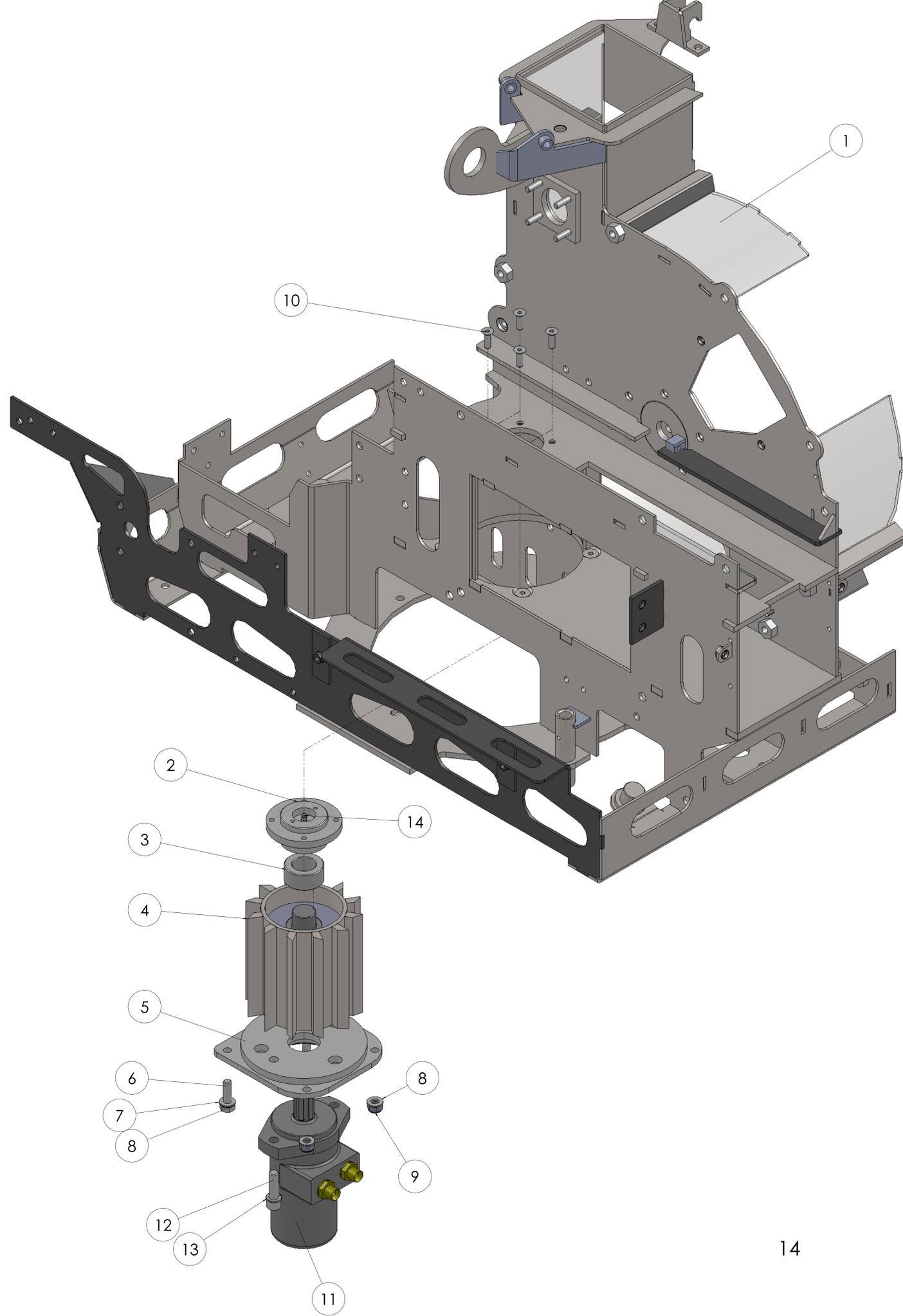
ITEM NO.	PART NUMBER	NEW PART NUMBER	Description	New Configuration/Qty.
1	QC160-2-32A	305020040	FLYWHEEL	1
2	QC160-2-37	305020213	QUAD CUTTER	1
3	C202503	104020004	ROUND CUTTER	1
4	91607	91607	NORDLOCK WASHER	2
5	91601	91601	NYLOC NUT	2
6	81650	81650	M16 C/S HD	2

ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY.
1	QC160-1-11MK2	305010015	TURNTABLE WELD ASSY	1
2	EC130-2-27	102020027	HORIZONTAL SHEARBAR	1
3	CM170-2-37	101020038	SHEARBAR LOCK	1
4	91240	91240	HEX HD BOLT	2
5	91203	91203	SPRING WASHER	4
6	91202	91202	FLAT WASHER	4
7	EC35-2-43	103020043	VERTICAL SHEARBAR	1
8	CM170-2-32	101020033	SHEARBAR CLAMP	1
9	91035	91035	HEX HD BOLT	2
10	91075	91075	HEX HEAD SET	1
11	90825	90825	HEX HD BOLT	2
12	91001P	91001P	PLAIN NUT	1
13	91004	91004	SHAKEPROOF WASHER	1
14	90804	90804 </tr		

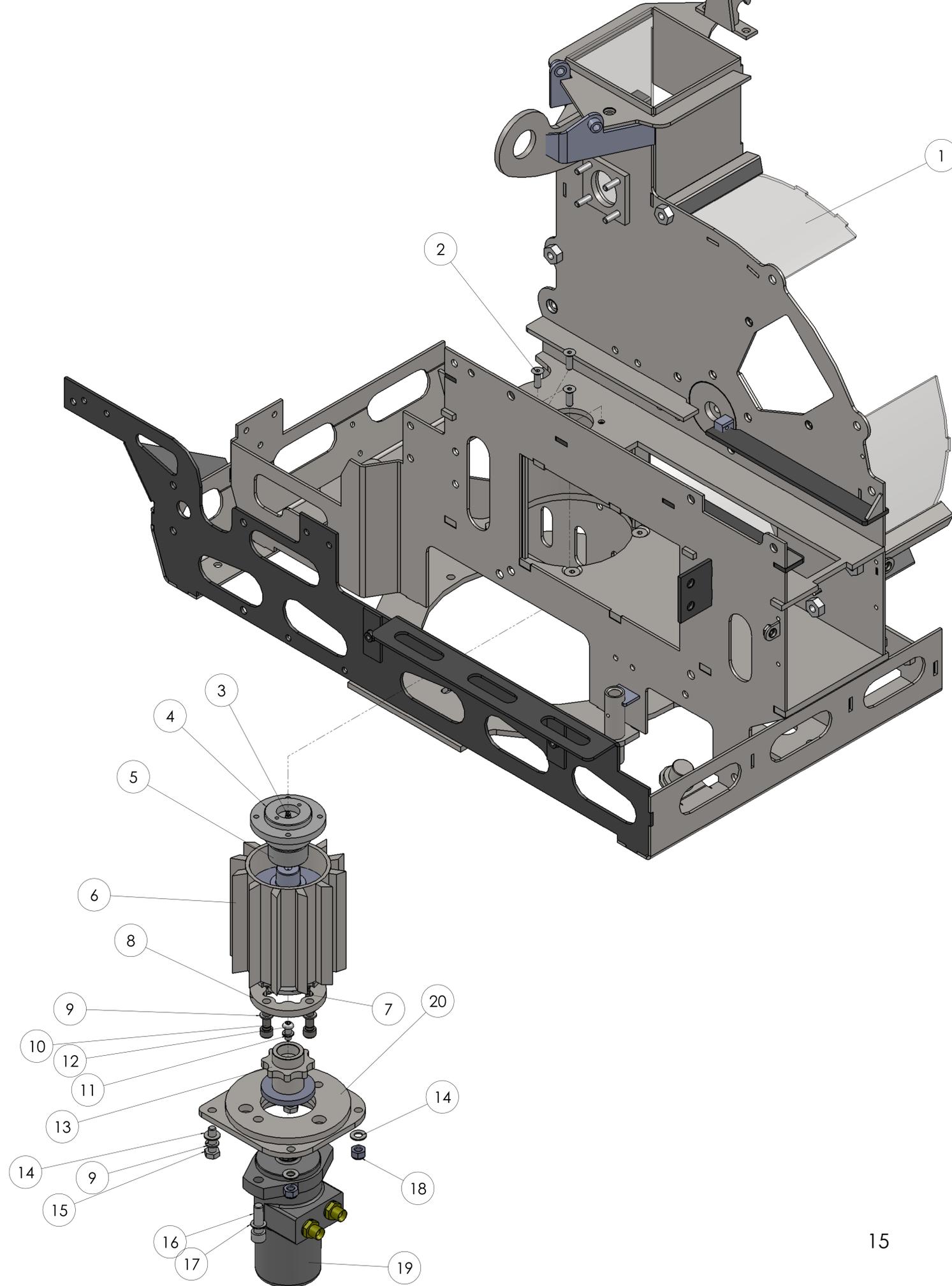


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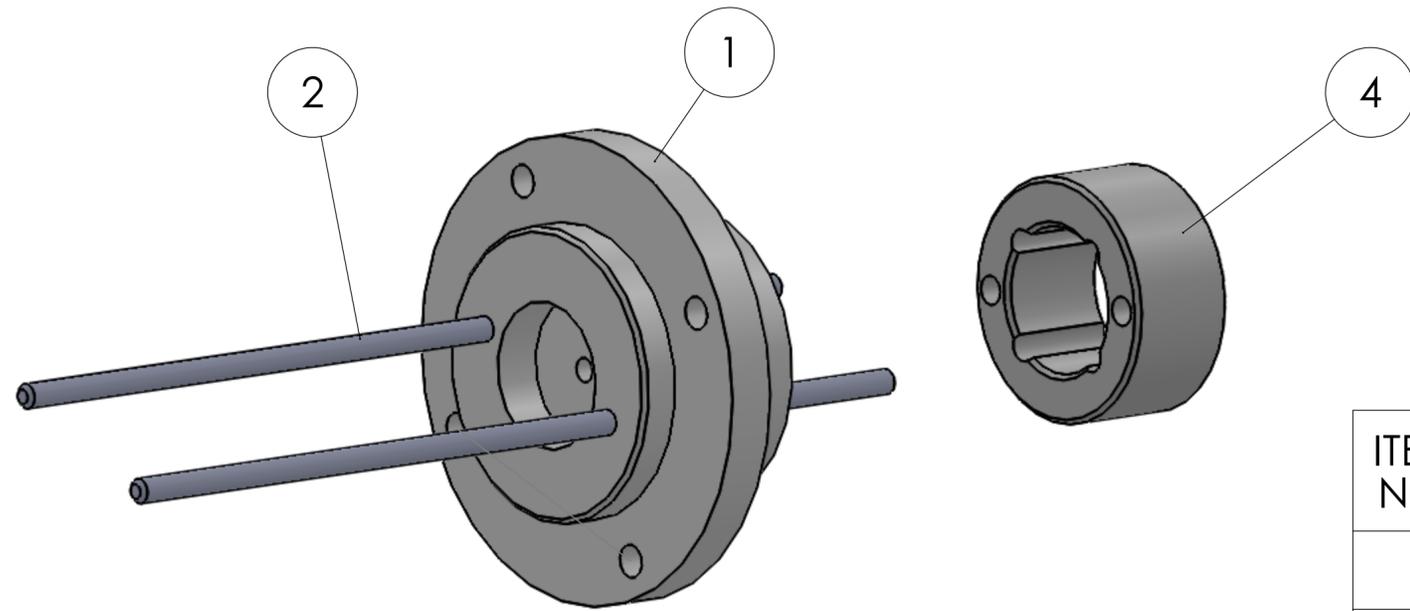
SHEARBARS



ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-1-11MK2	305010015	TURNTABLE WELD ASSY	1
2	QC160-3-40	305030040	BUSH HOUSING	1
3	QC160-3-41	305030041	NYLON BUSH	1
4	QC160-3-32	305030084	EARLY FIXED ROLLER	1
5	QC160-3-11	305030011	MOTOR PLATE	1
6	91035	91035	HEX HD BOLT	2
7	91002	91002	FLAT WASHER	4
8	91003	91003	SPRING WASHER	2
9	80825	80825	M8 CS HD BOLT	4
10	91001	91001	NYLOC NUT	2
11	C200207-1	900990301	HYD. MOTOR	1
12	71240	71240	M12 CAP HD	2
13	91203	91203	SPRING WASHER	2
14	GNS 500	GNS500	GREASE NIPPLE	1

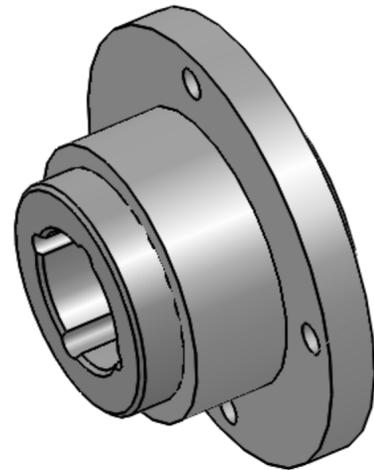


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-1-11MK2	305010015	TURNTABLE WELD ASSY	1
2	80825	80825	C/S HD CAPSCREW	4
3	GNS500	GNS500	GREASE NIPPLE	1
4	QC160-3-40	305030040	BUSH HOUSING	1
5	QC160-3-41	305030041	NYLON BUSH	1
6	QC160-3-32MK2	305030032	LATER FIXED ROLLER	1
7	QC160-3-58	305030060	SPACER	1
8	QC160-3-60	305030062	DRIVE PLATE	1
9	91003	91003	SPRING WASHER	6
10	71030	71030	CAP HD BOLT	4
11	90803	90803	SPRING WASHER	1
12	60820	60820	BUTTON HD BOLT	1
13	QC160-3-57F	305030058	DRIVE SPLINE	1
14	91002	91002	FLAT WASHER	4
15	91035	91035	HEX HD BOLT	2
16	71240	71240	CAP HD BOLT	2
17	91203	91203	SPRING WASHER	2
18	91001	91001	NYLOC NUT	2
19	C200207-1	900990301	HYD MOTOR	1
20	QC160-3-11	305030011	MOTOR PLATE	1



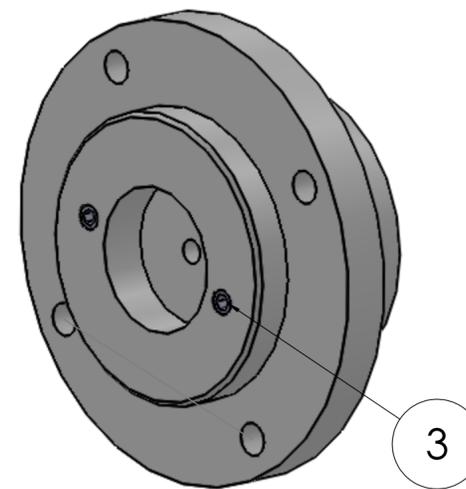
1- USE 2 5MM RODS TO LOCATE BUSH INTO HOUSING

2- PRESS BUSH 2/3RDS INTO HOUSING AND REAM 30MM
-REMOVE DEBRIS

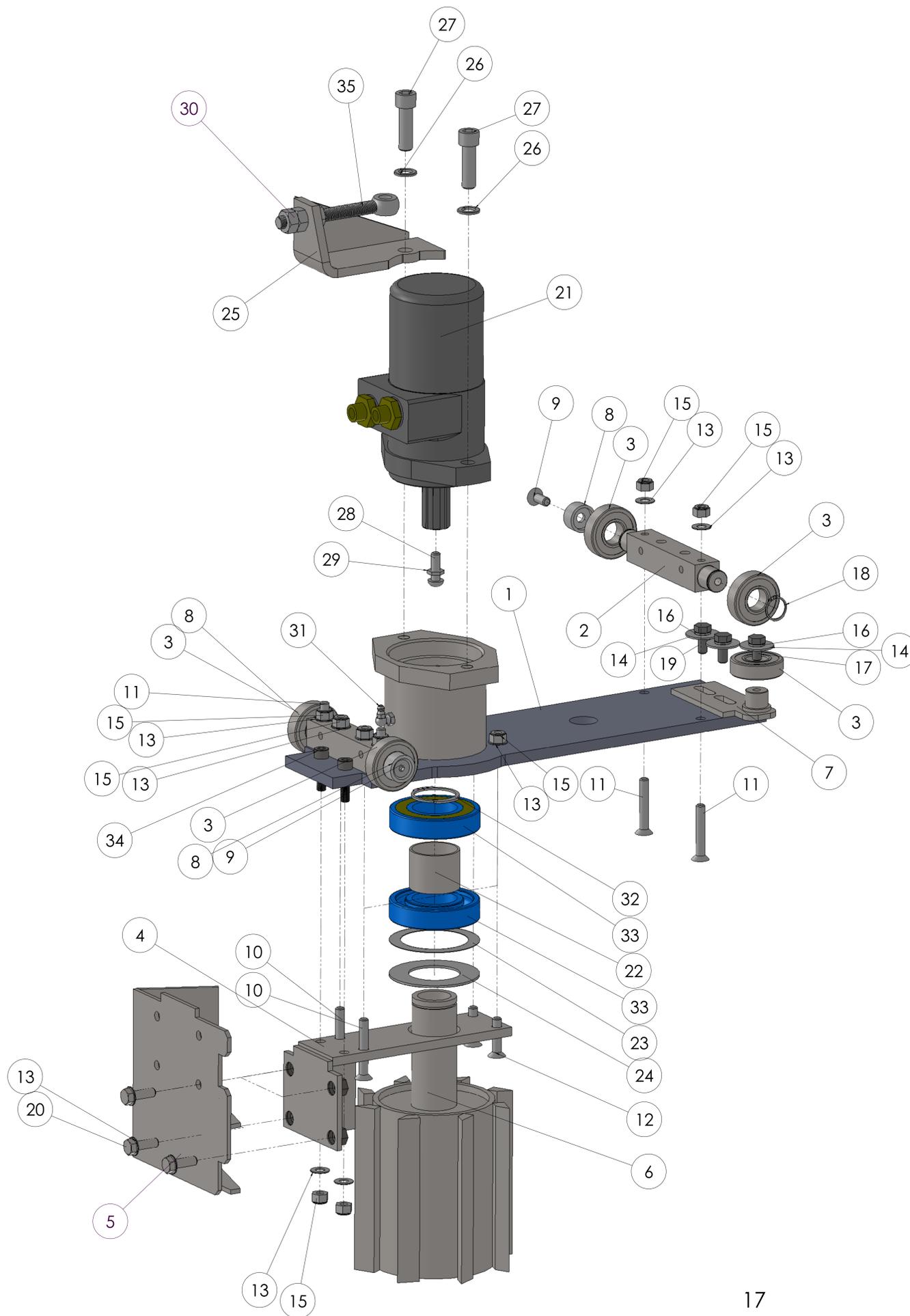


NOTE:5MM RODS CAN BE USED TO REMOVE BUSH FROM HOUSING

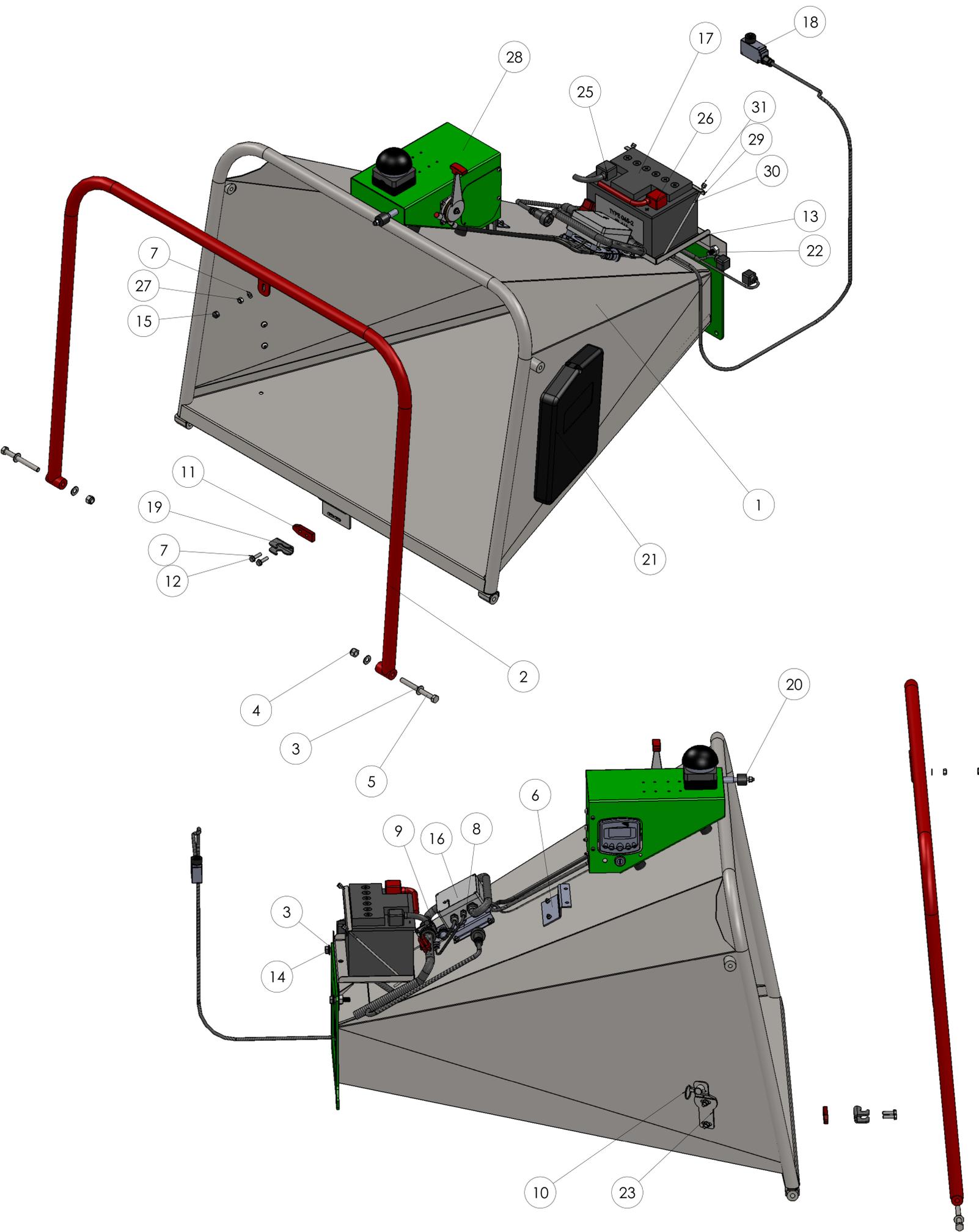
3- PRESS BUSH FULLY INTO HOUSING AND FIT GRUBSCREW FLUSH WITH TOP OF HOUSING



ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	Default/ QTY.
1	QC160-3-40	305030040	BUSH HOUSING	1
2	QC160-3-80	305030082	LOCATING ROD	2
3	40620	40620	GRUBSCREW	2
4	QC160-3-41	305030041	BUSH	1

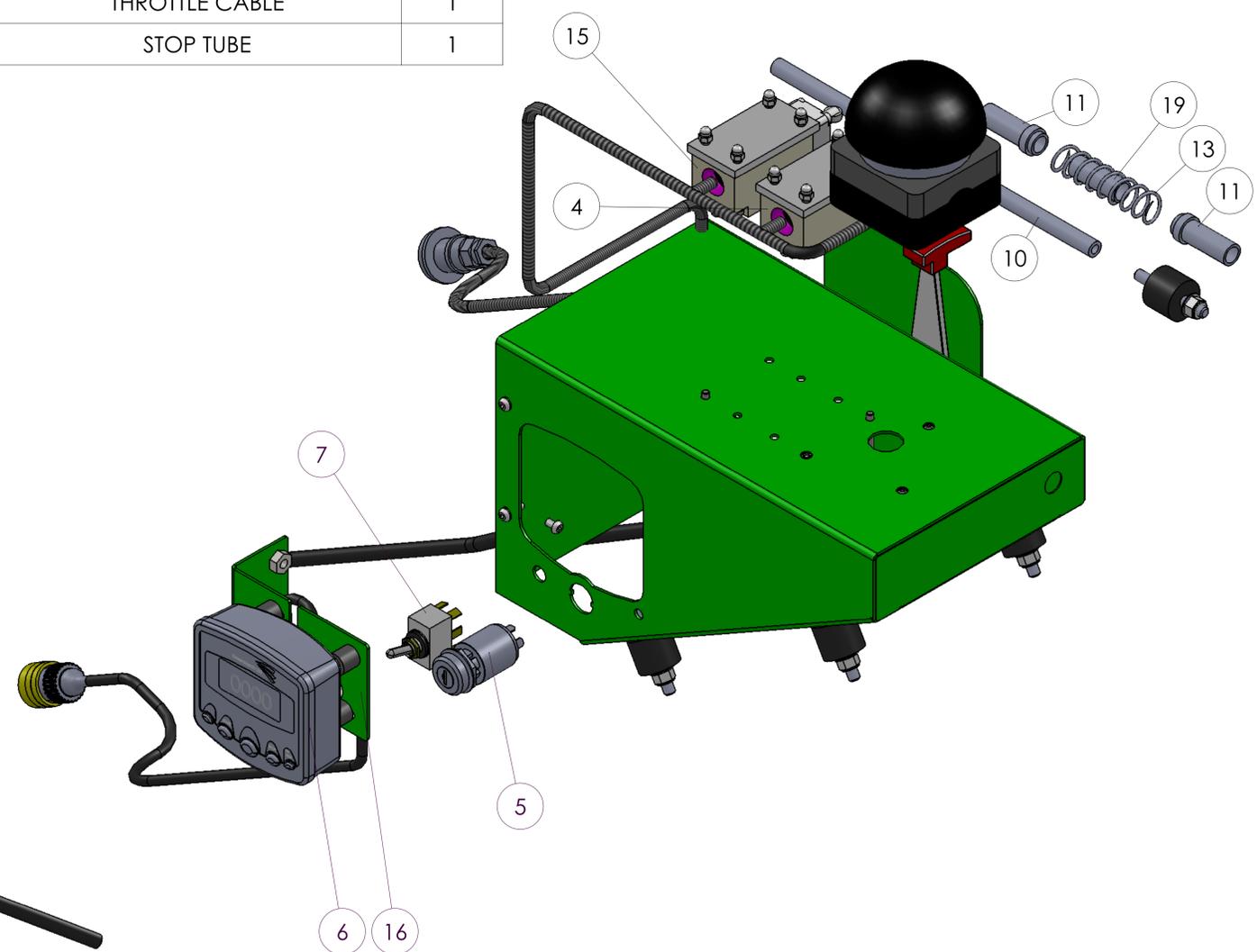
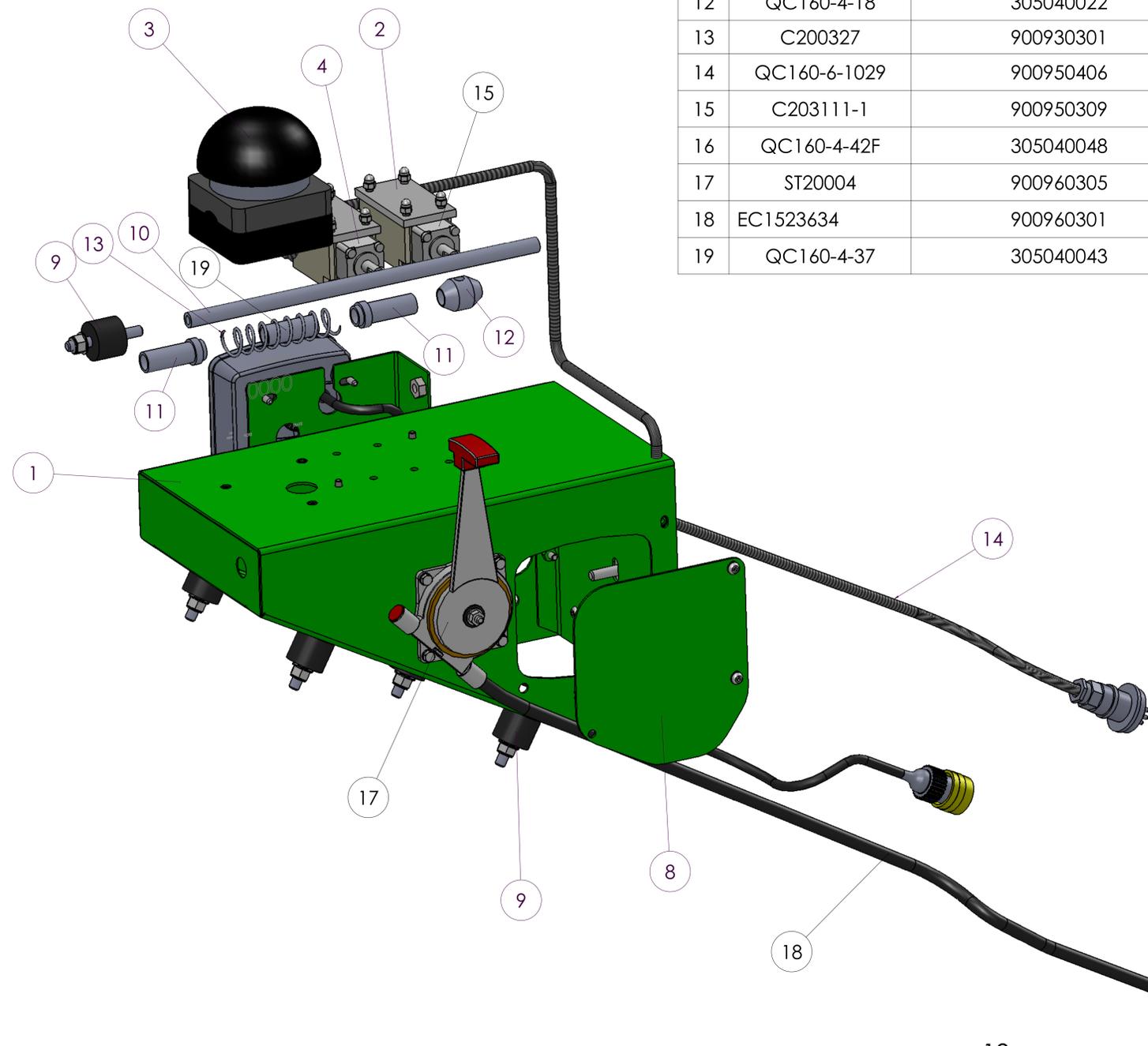


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-3-15MK2	305030015	ROLLER SLIDE PLATE	1
2	QC160-3-19MK2	305030019	ROLLER AXLE	2
3	QC160-3-1002	900910184	BEARING (6204ZZ)	5
4	QC160-3-20MK2	305030020	GUIDE MTG PLATE	1
5	QC160-3-24	305030024	GUIDE FIXING PLATE	1
6	QC160-3-31	305030031	TOP ROLLER	1
7	QC160-3-44F	305030044	GUIDE ROLLER BKT	1
8	QC160-3-43	305030043	NYLON ROLLER	3
9	80820	80820	C/S HD BOLT	3
10	80855	80855	C/S HD BOLT	2
11	80850	80850	C/S HD BOLT	4
12	80835	80835	C/S HD BOLT	2
13	90802	90802	FLAT WASHER	14
14	90802-R	90802-R	LARGE WASHER	3
15	90801	90801	NYLOC NUT	10
16	90803	90803	SPRING WASHER	3
17	90816	90816	HEX HD BOLT	1
18	QC160-3-1003	900890182	20 EXT CIRCLIP	1
19	90820	90820	HEX HD BOLT	2
20	90825	90825	HEX HD BOLT	4
21	C200207-1	900990301	HYDRAULIC MOTOR	1
22	QC160-3-46	305030047	SPACER	1
23	EC130-3-36	102030036	SHIM	1
24	EC130-3-35	102030035	END PLATE	1
25	QC160-3-47MK2	305030048	SPRING ANCHOR	1
26	91203	91203	SPRING WASHER	2
27	71240	71240	M12 CAP HD	2
28	60825	60825	BUTTON HD BOLT	1
29	90801PT	90801PT	M8 PLAIN THIN NUT	1
30	91201-P	91201-P	PLAIN NUT	3
31	GNS690	GNS690	GREASE NIPPLE	1
32	QC160-3-1004	900890183	40 EXT CIRCLIP	1
33	C252119	900910123	ROLLER BEARING 6208RS	2
34	70830	70830	CH BOLT	2
35	QC160-1-1041	900930404	SWING BOLT	1



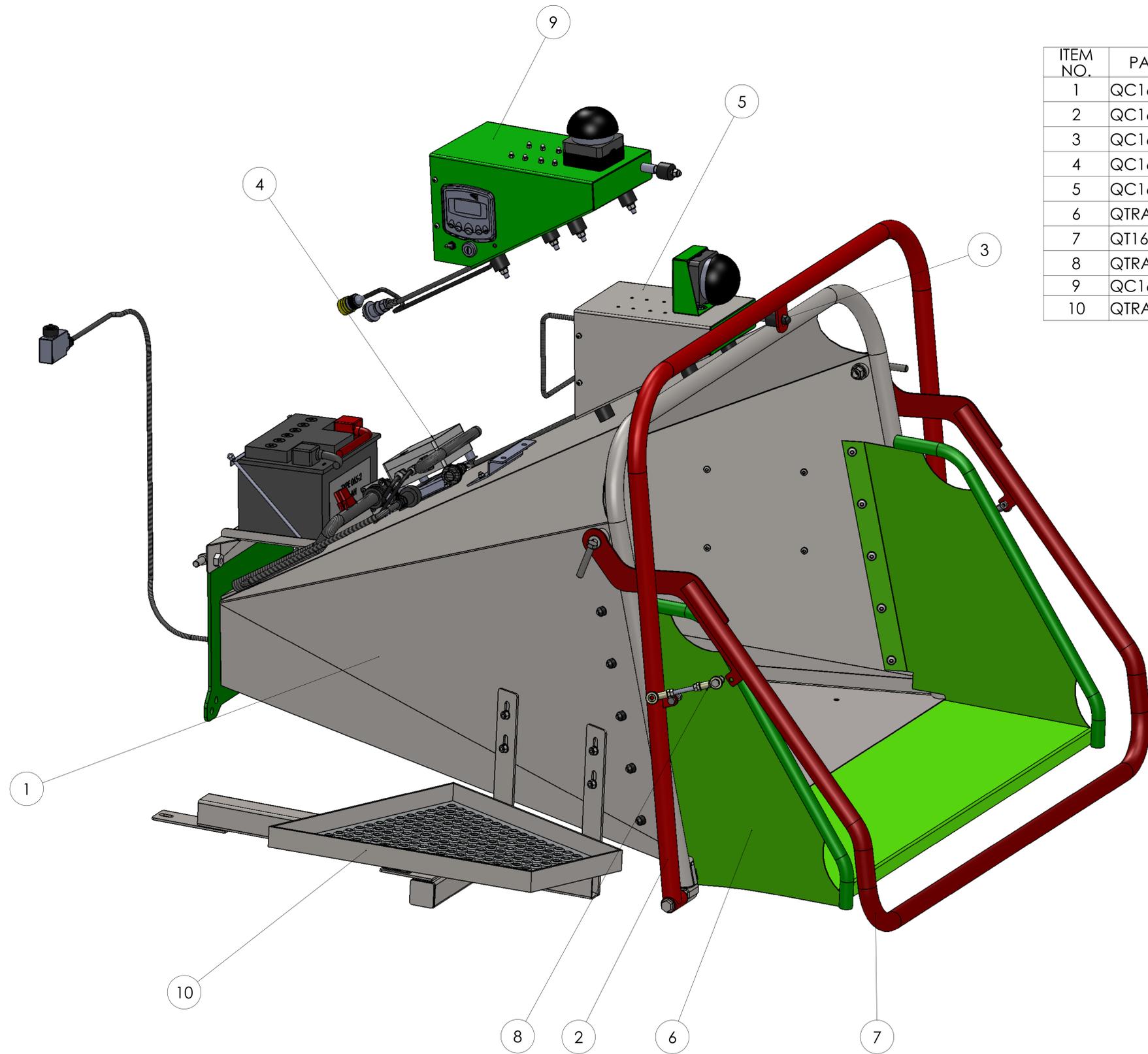
ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-4-1	305040001	INFEED CHUTE	1
2	QC160-4-7	305040009	CONTROL BAR	1
3	91202	91202	FLAT WASHER	6
4	91201	91201	NYLOC NUT	2
5	912120	912120	HEX HD BOLT	2
6	QC160-4-22	305040026	BRIDGE BKT	1
7	90802	90802	FLAT WASHER	9
8	QC160-6-51	305060061	J BOX BKT	1
9	ST1928-6-24	105060030	HARNESS BKT	1
10	EC150021-1	900900297	LYNCH PIN	1
11	QC160-4-26	305040031	LATCH GUIDE	1
12	90830	90830	M8 x 30 BOLT	2
13	QC160-1-18	305010022	BATTERY TRAY	1
14	91203	91203	SPRING WASHER	2
15	QC160-4-1009	104020007	M8 NUT CAP	5
16	QC160-6-1028	900950411	JUNCTION BOX	1
17	QC160-6-1002	900950409	065-2 48AH BATTERY	1
18	C200206	900950300	MICROSWITCH	1
19	QC160-4-1011	900900405	LATCH	1
20	SI20014	900930303	BOBBIN	5
21	C170409	900880101	DOCUMENT CASE	1
22	91245	91245	HEX HD BOLT	2
23	QC160-5-3F	305050005	DISCHARGE DOCK BKT	1
25	QC160-6-1035	900950413	NEG. BATTERY LEAD	1
26	QC160-6-1034	900950412	POS. BATTERY LEAD	1
27	90801	90801	NYLOC NUT	7
28	QC160-4-10MK2 F	305040013		1
29	QC160-6-104	305060119	BATTERY CLAMP	1
30	900870007	900870007	BATTERY CLAMP ROD	2
31	90601-P	90601-P	M6 PLAIN NUT	4

ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	Built up/QTY.
1	QC160-4-10MK2F	305040013	CONTROL BOX	1
2	MK2ST1928-4-73	303040075	BOLTING PLATE	2
3	QC160-6-1003	900950405	RESET SWITCH	1
4	C203111	900950302	REVERSE LIMIT SWITCH	1
5	EC1523631-2	900950303	ON/OFF SWITCH	1
6	QC160-6-1040	900950407	CHIPPER PLUS CONTROLLER	1
7	S460714-2	900950305	TRACK/CHIP SWITCH QUADTRAK ONLY	1
8	QC160-4-41	305040047	COVER PLATE	1
9	S120014	900930303	BOBBIN	5
10	QC160-4-16	305040020	SLIDE ROD	1
11	QC160-4-17	305040021	SPRING TUBE	2
12	QC160-4-18	305040022	STRIKER BOSS	1
13	C200327	900930301	SPRING D12770	1
14	QC160-6-1029	900950406	SWITCH HARNESS	1
15	C203111-1	900950309	STOP LIMIT SWITCH	1
16	QC160-4-42F	305040048	RDS MOUNT	2
17	ST20004	900960305	THROTTLE LEVER	1
18	EC1523634	900960301	THROTTLE CABLE	1
19	QC160-4-37	305040043	STOP TUBE	1

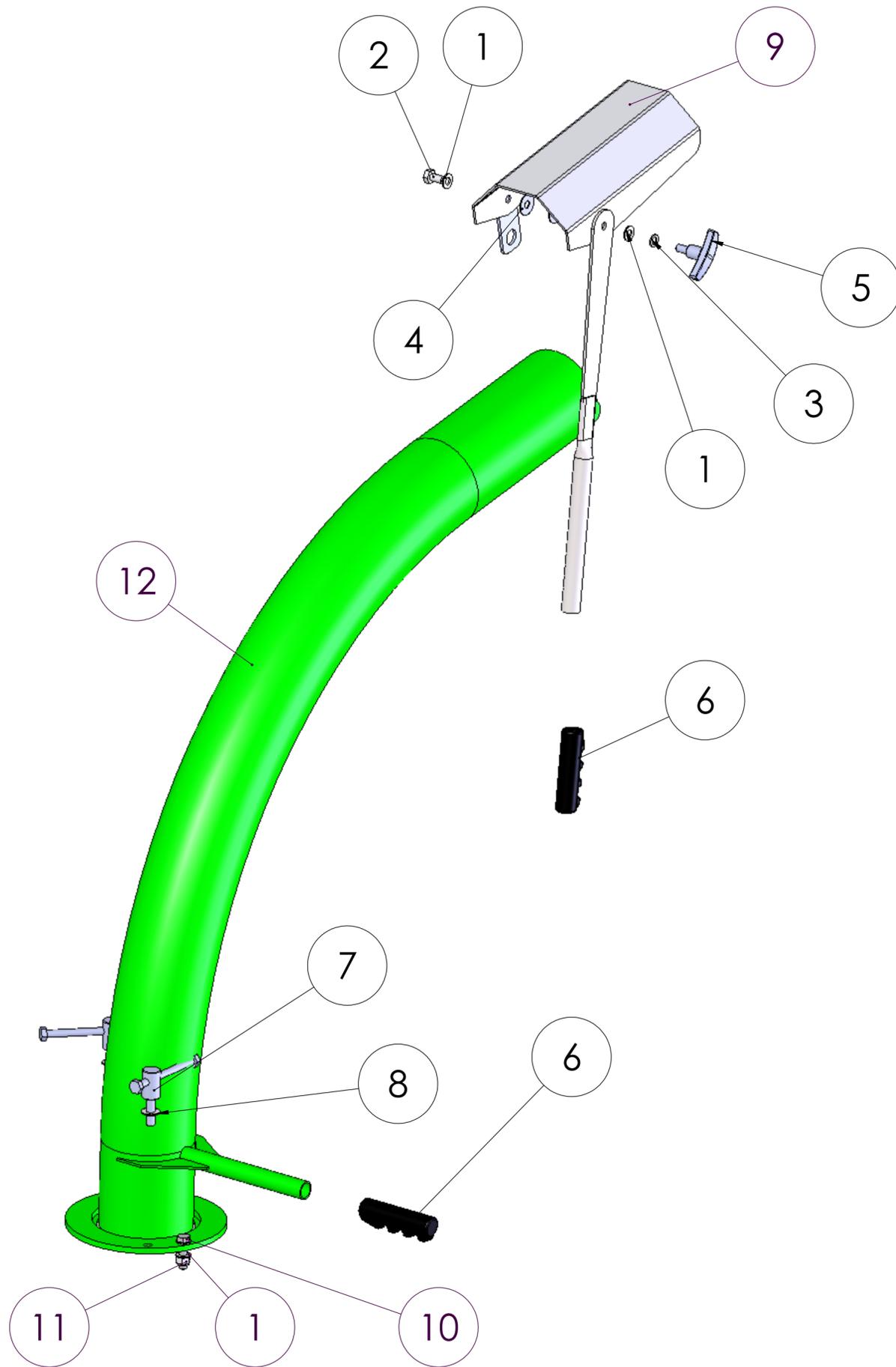


19

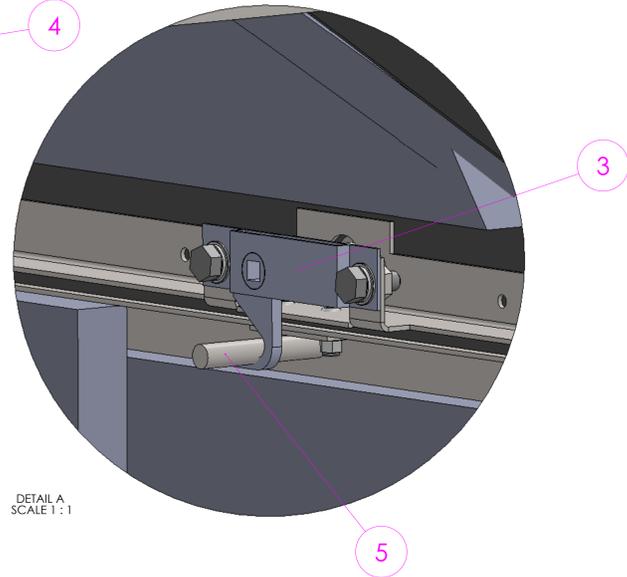
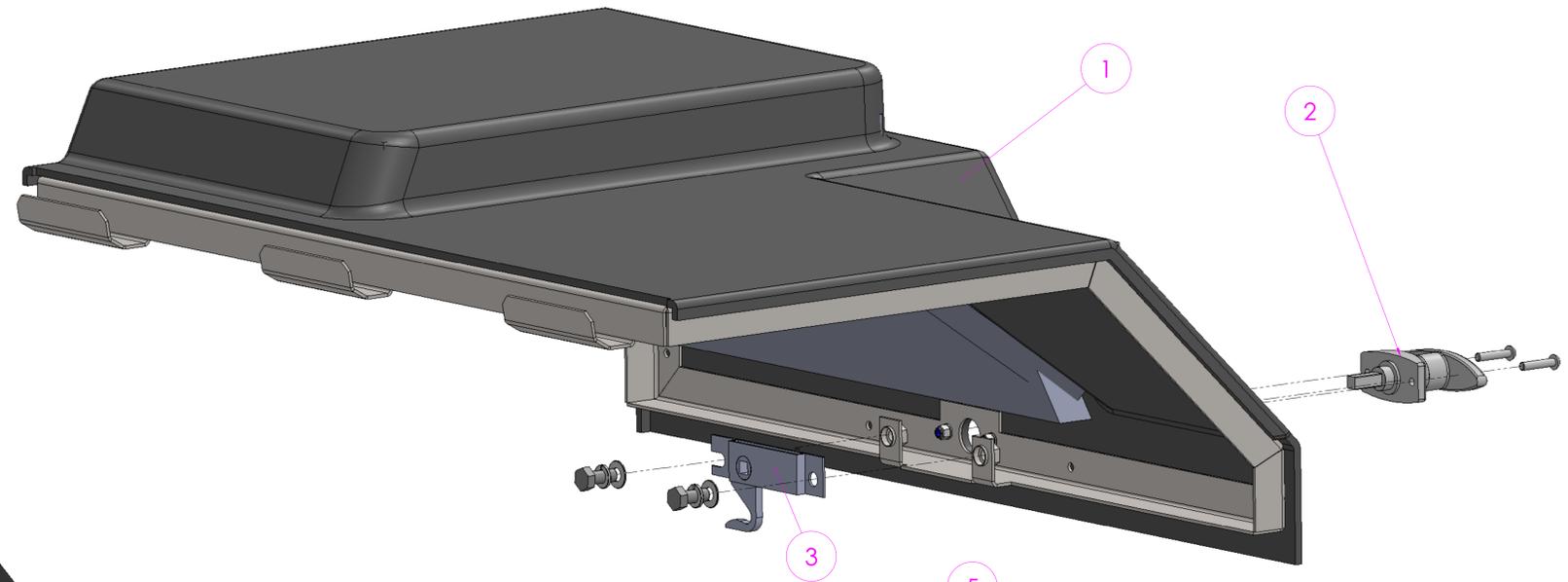
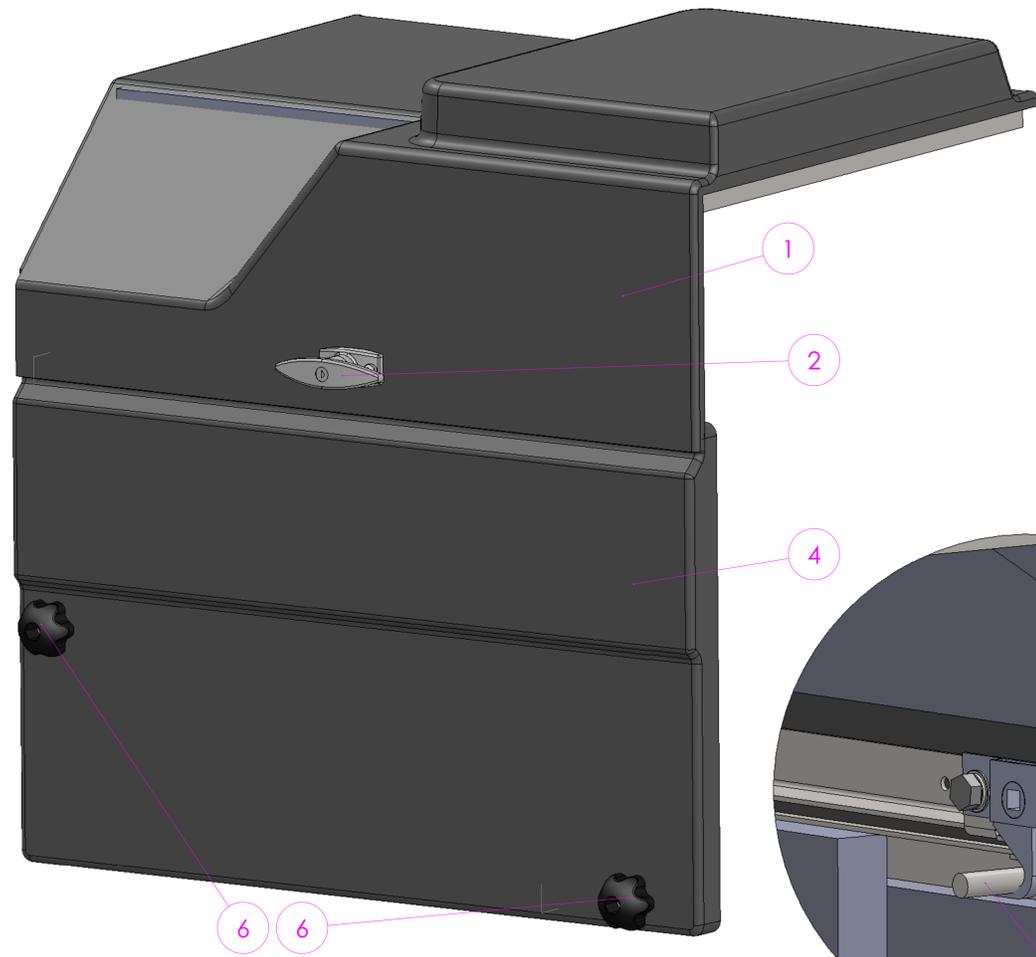
CONTROL BOX



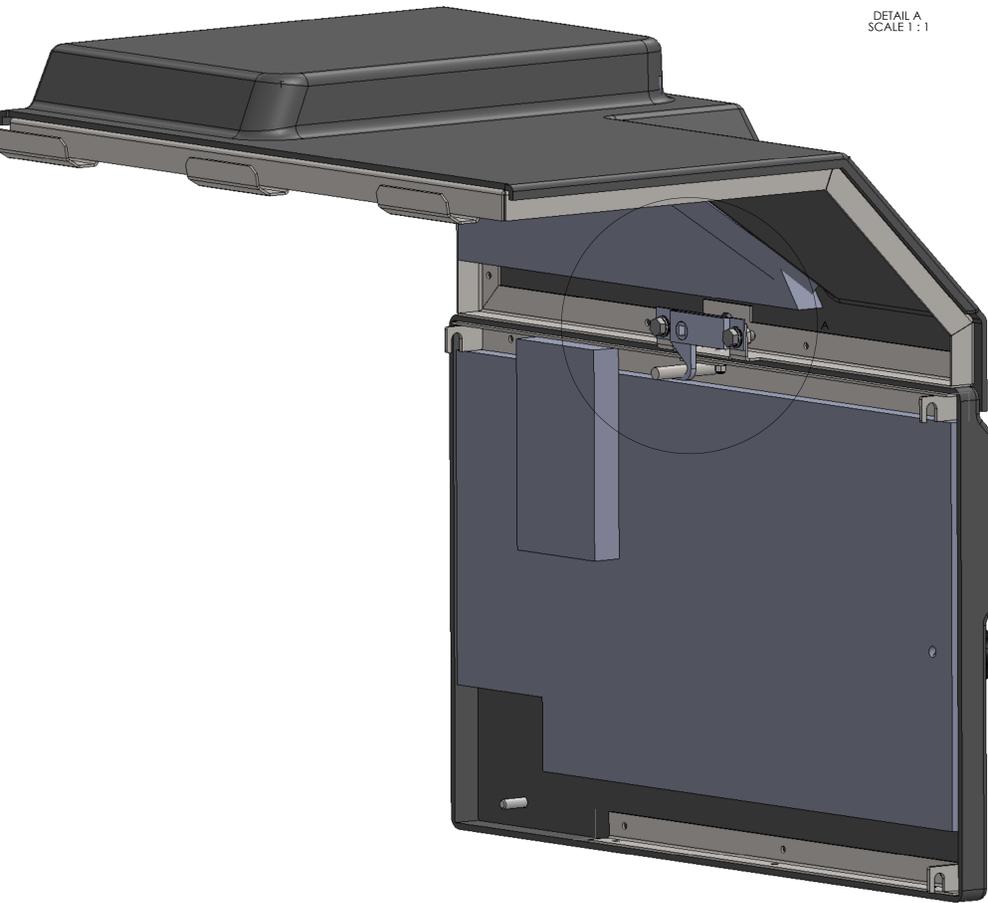
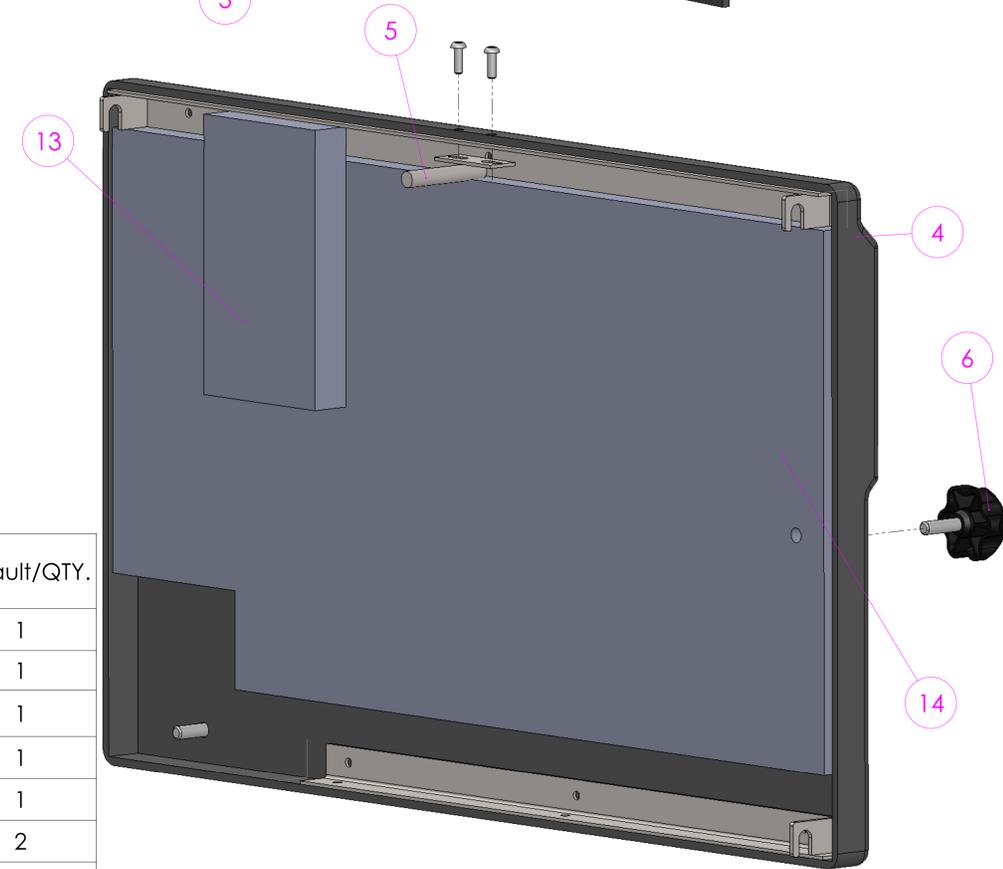
ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY.
1	QC160-4-1	305040001	INFEEED CHUTE	1
2	QC160-4-7-QTRAK	305040010	CONTROL BAR	1
3	QC160-4-1009	104040007	M8 NUT CAP	11
4	QC160-6-1028	900950411	JUNCTION BOX	1
5	QC160-4-10	305040072	OBSOLETE MK1 CONTROL BOX	1
6	QTRAK-049F	305040091	FIXED INFEEED FLAP	1
7	QT160-4-037MK2F	305040088	LOWER CONTROL BAR	1
8	QTRAK-080	104020008	CONTROL BAR LINK	2
9	QC160-4-10MK2F	305040013	MK2 CONTROL BOX	1
10	QTRAK-023F	305040075	OPERATOR PLATFORM	1



ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QUAD/QTY.
1	91002	91002	FLAT WASHER	4
2	91020	91020	HEX HD BOLT	1
3	91003	91003	SPRING WASHER	1
4	91005	91005	NYLON WASHER	2
5	C180104	900900302	TEE HANDLE	1
6	9227	900900303	PLASTIC HANDLE GRIP	2
7	C200613	104020010	TEE BOLT	2
8	91202	91202	FLAT WASHER	2
9	QC160-5-1F	305050002	DISCHARGE FLAP	1
10	91040	91040	HEX HD BOLT	1
11	91001	91001	NYLOC NUT	1
12	QC160-5	305050001	DISCHARGE CHUTE FAB	1

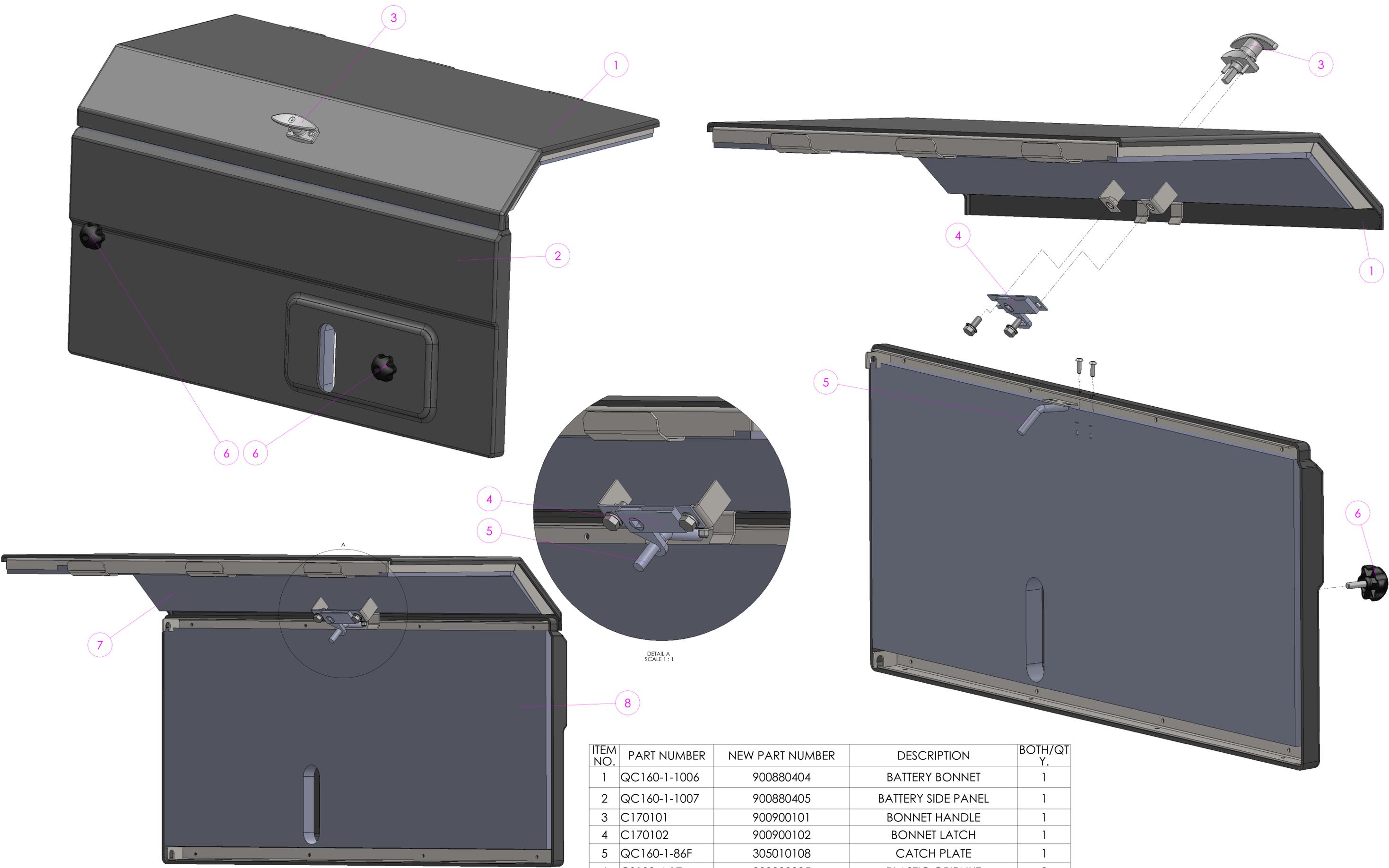


DETAIL A
SCALE 1 : 1



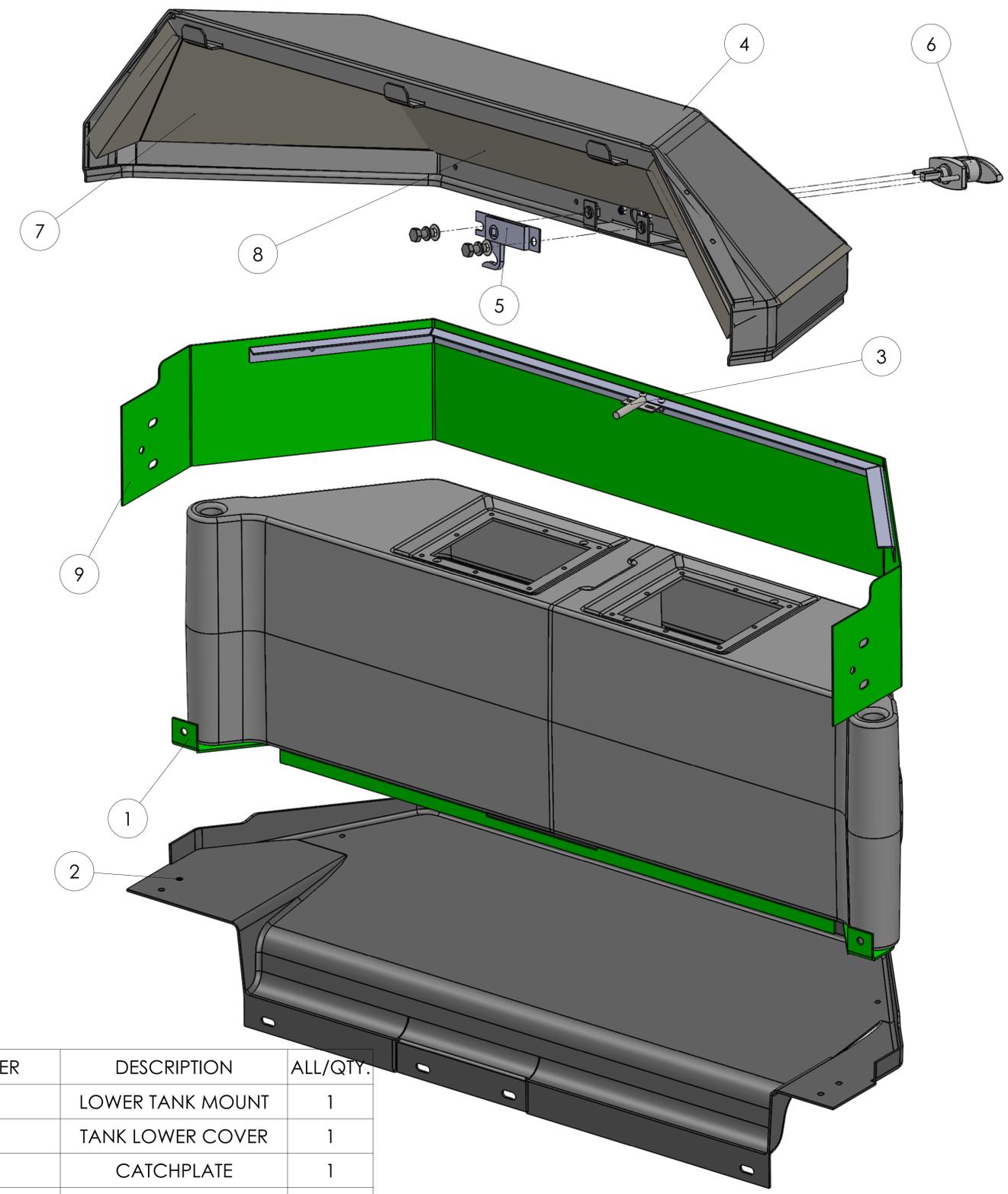
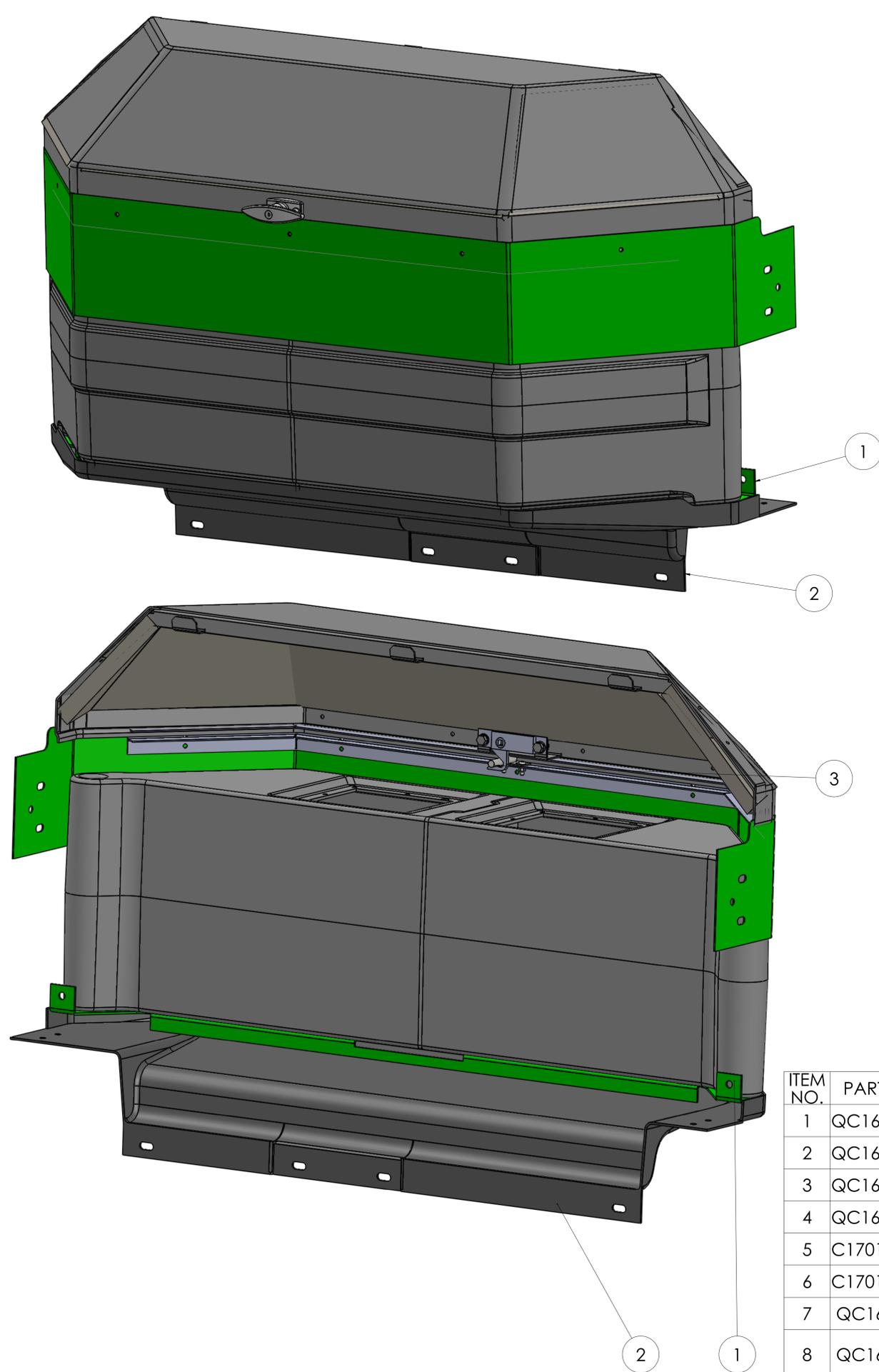
ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	Default/QTY.
1	QC160-1-1004	900880402	ENGINE BONNET	1
2	C170101	900900101	BONNET HANDLE	1
3	C170102	900900102	BONNET LATCH	1
4	QC160-1-1005	900880403	ENGINE SIDEPANEL	1
5	QC160-1-85F	305010106	CATCH PLATE	1
6	CS100-4-17	900900305	PLASTIC GRIPNUT	2
7	QC160-1-1048	900920407	ENGINE BONNET FOAM	1
8	QC160-1-1049	900920408	ENGINE BONNET PACKER FOAM	1
9	QC160-1-1050	900920409	ENGINE BONNET FRONT FOAM	1
10	QC160-1-1051	900920410	ENGINE BONNET TRIANGLE FOAM	1
11	QC160-1-1052	900920411	ENGINE BONNET SHORT FOAM	1
12	QC160-1-1053	900920412	ENGINE BONNET REAR BUFFER FOAM	1
13	QC160-1-1047	900920406	ENGINE SIDEPANEL BUFFER FOAM	1
14	QC160-1-1046	900920405	ENGINE SIDEPANEL FOAM	1

ENGINE BONNET LINING CONSISTS OF:-
 ITEM 7 - 1 OFF
 ITEM 8 - 2 OFF
 ITEM 9 - 1 OFF
 ITEM 10 - 1 OFF
 ITEM 11 - 1 OFF
 ITEM 12 - 1 OFF
 ITEM 13 - 1 OFF

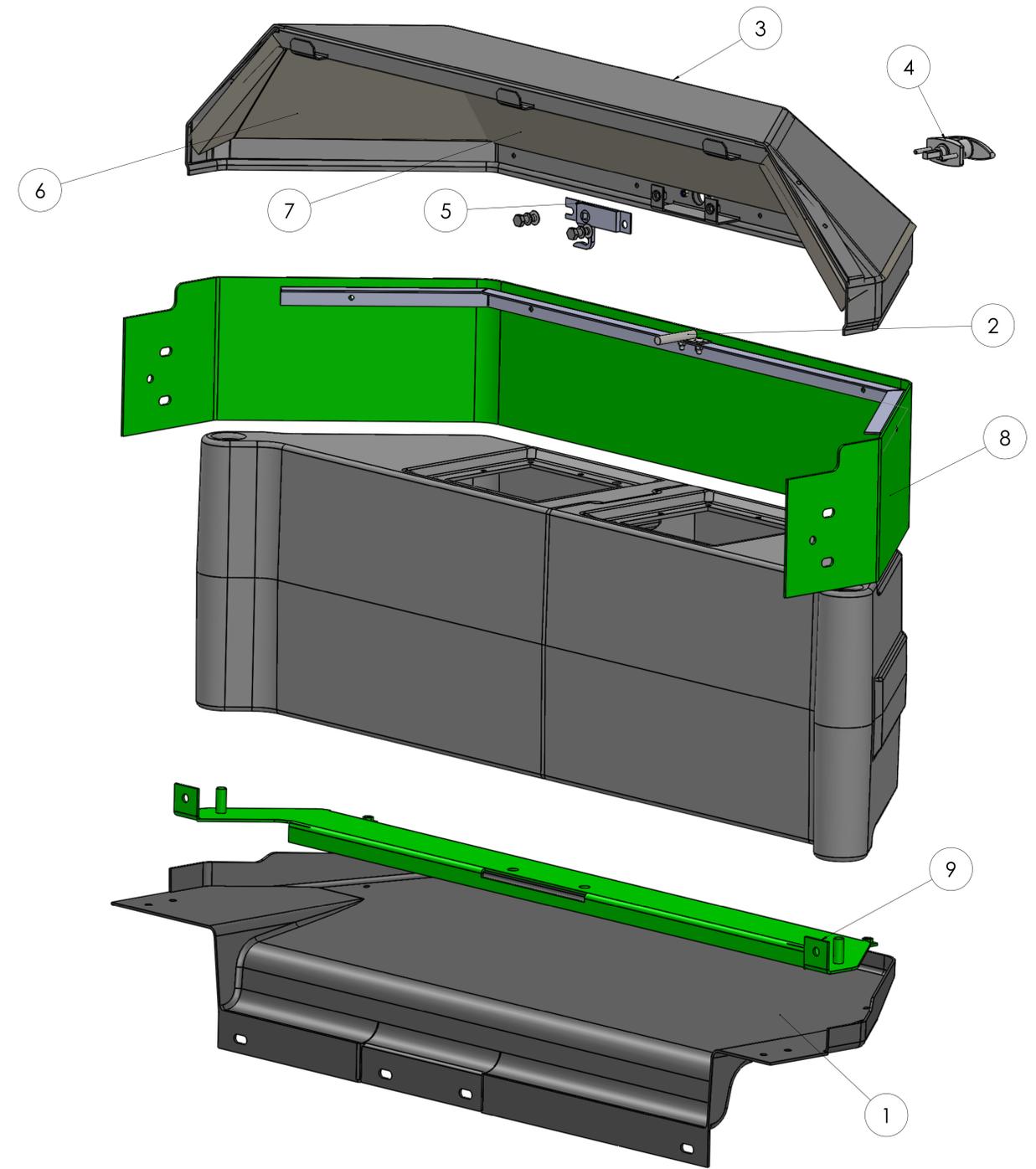
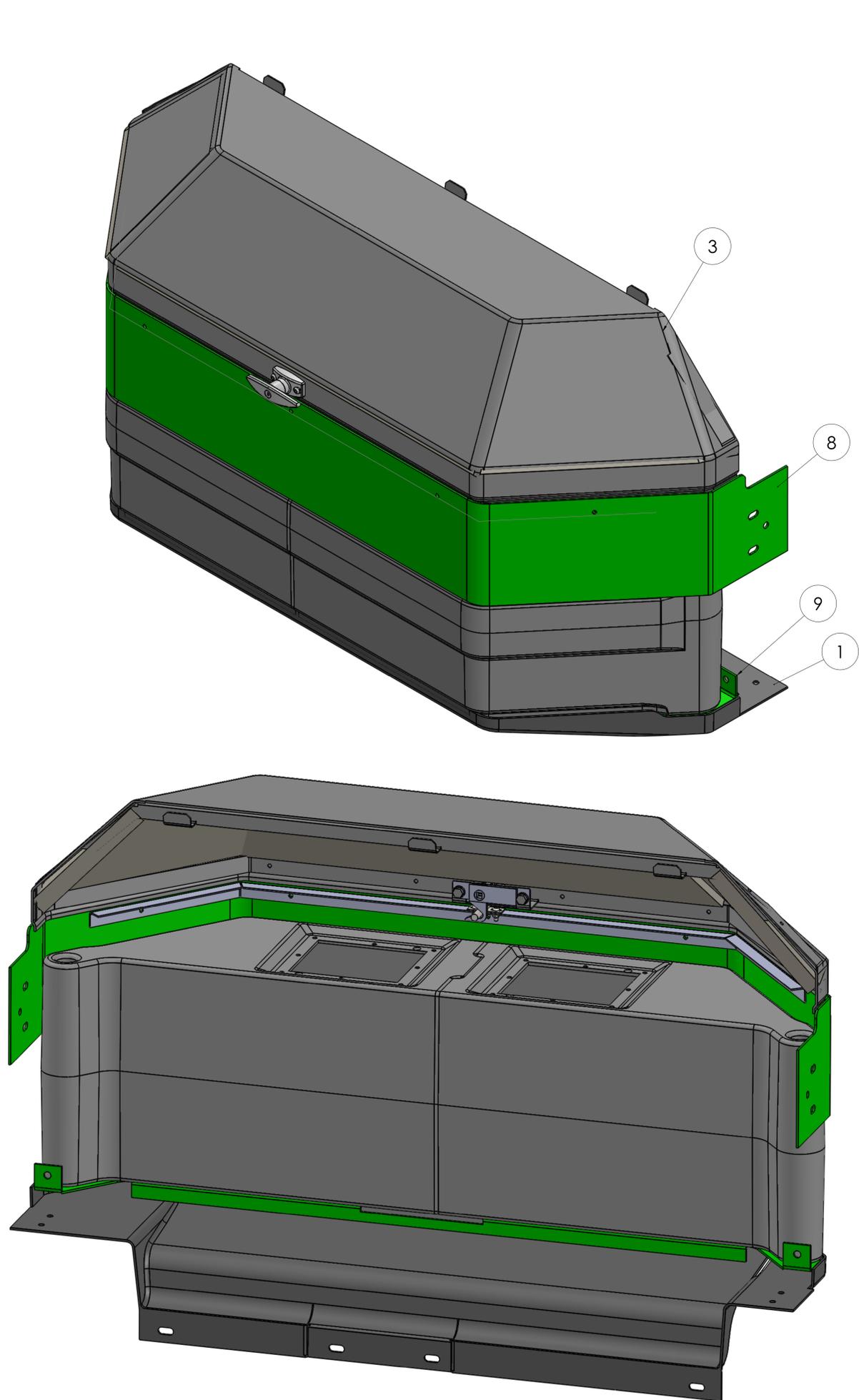


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	BOTH/QT Y.
1	QC160-1-1006	900880404	BATTERY BONNET	1
2	QC160-1-1007	900880405	BATTERY SIDE PANEL	1
3	C170101	900900101	BONNET HANDLE	1
4	C170102	900900102	BONNET LATCH	1
5	QC160-1-86F	305010108	CATCH PLATE	1
6	CS100-4-17	900900305	PLASTIC GRIPNUT	2
7	QC160-1-1042	900920401	BATTERY BONNET FOAM	1
8	QC160-1-1043	900920402	BATTERY SIDE PANEL FOAM	1

BATTERY BONNET & SIDE PANEL

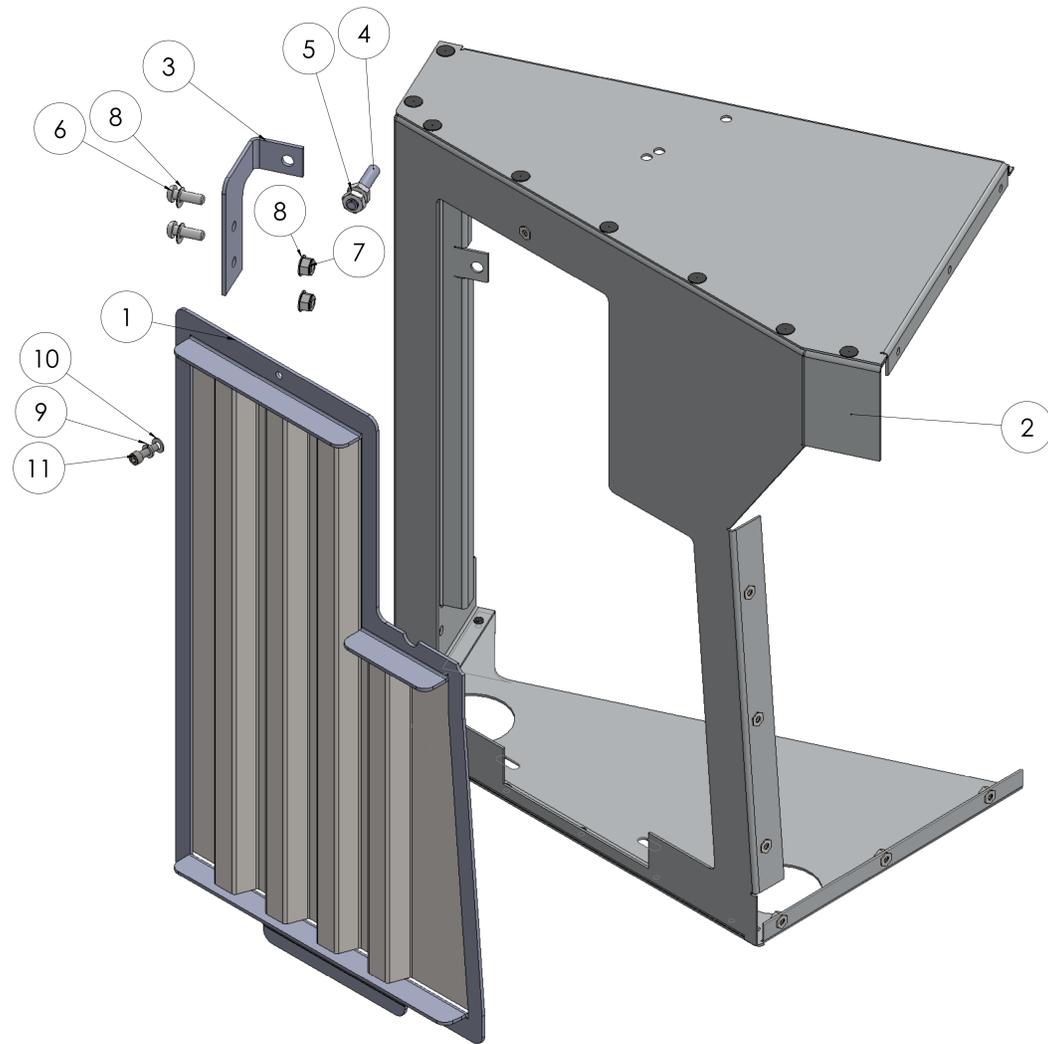


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	ALL/QTY.
1	QC160-1-30F	305010038	LOWER TANK MOUNT	1
2	QC160-1-1009	900880407	TANK LOWER COVER	1
3	QC160-1-85F	305010106	CATCHPLATE	1
4	QC160-1-1008	900880406	TANK BONNET	1
5	C170102	900900102	BONNET LATCH	1
6	C170101	900900101	BONNET HANDLE	1
7	QC160-1-1044	900920403	TANK BONNET FOAM	1
8	QC160-1-1045	900920404	TANK BONNET INFILL FOAM	1
9	QC160-1-34 AL	305010045	TANK MOUNTING STRAP QUADCHIP	1

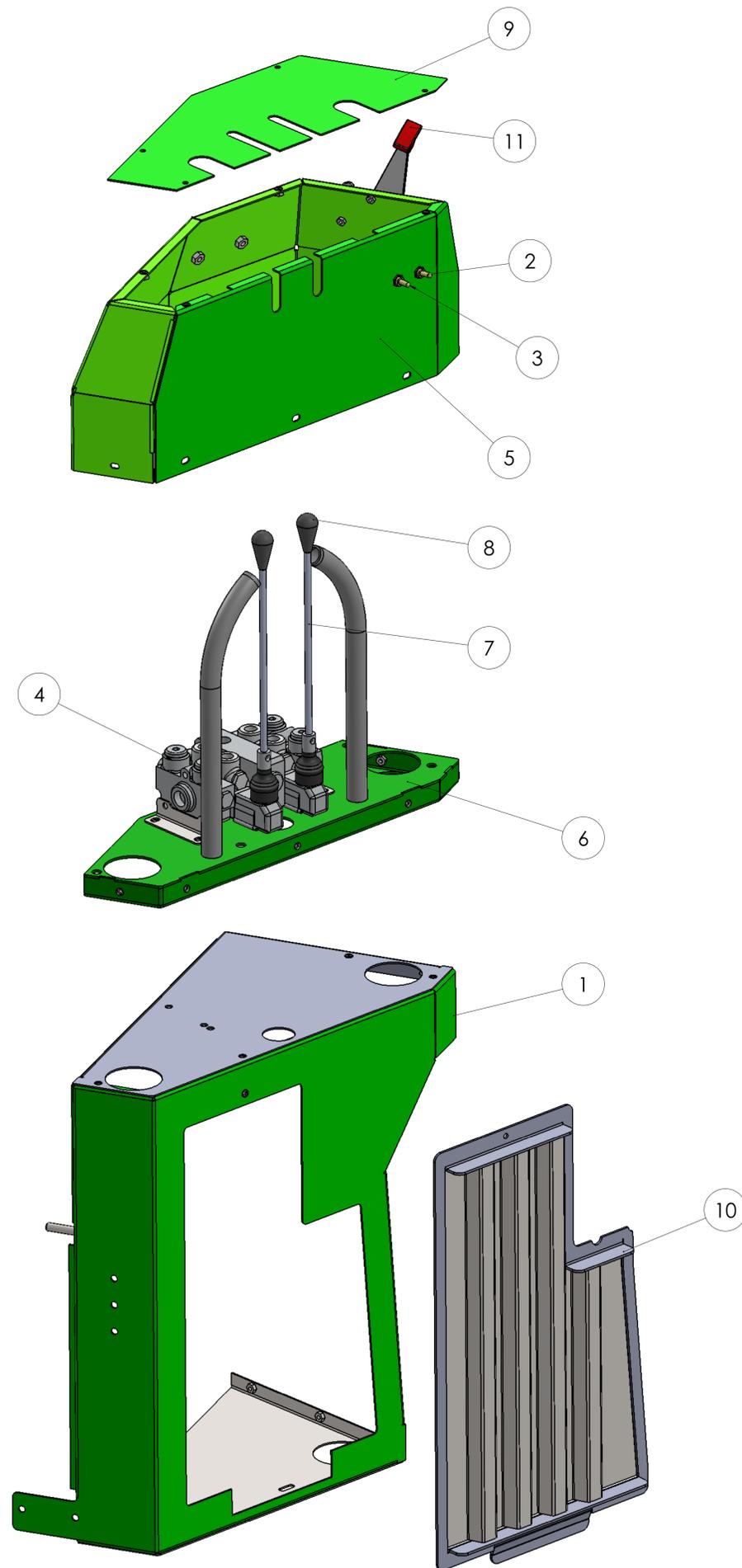


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY.
1	QC160-1-1009	900880407	TANK LOWER COVER	1
2	QC160-1-85F	305010106	LATCH PIN	1
3	QC160-1-1008	900880406	TANK BONNET	1
4	C170101	900900101	BONNET HANDLE	1
5	C170102	900900102	BONNET LATCH	1
6	QC160-1-1044	900920403	TANK BONNET FOAM	1
7	QC160-1-1045	900920404	TANK BONNET INFILL FOAM	1
8	QC160-1-34MS	305010045	TANK MOUNTING STRAP QUADRTRAK	1
9	QC160-1-30	305010039	MAIN TANK SUPPORT	1

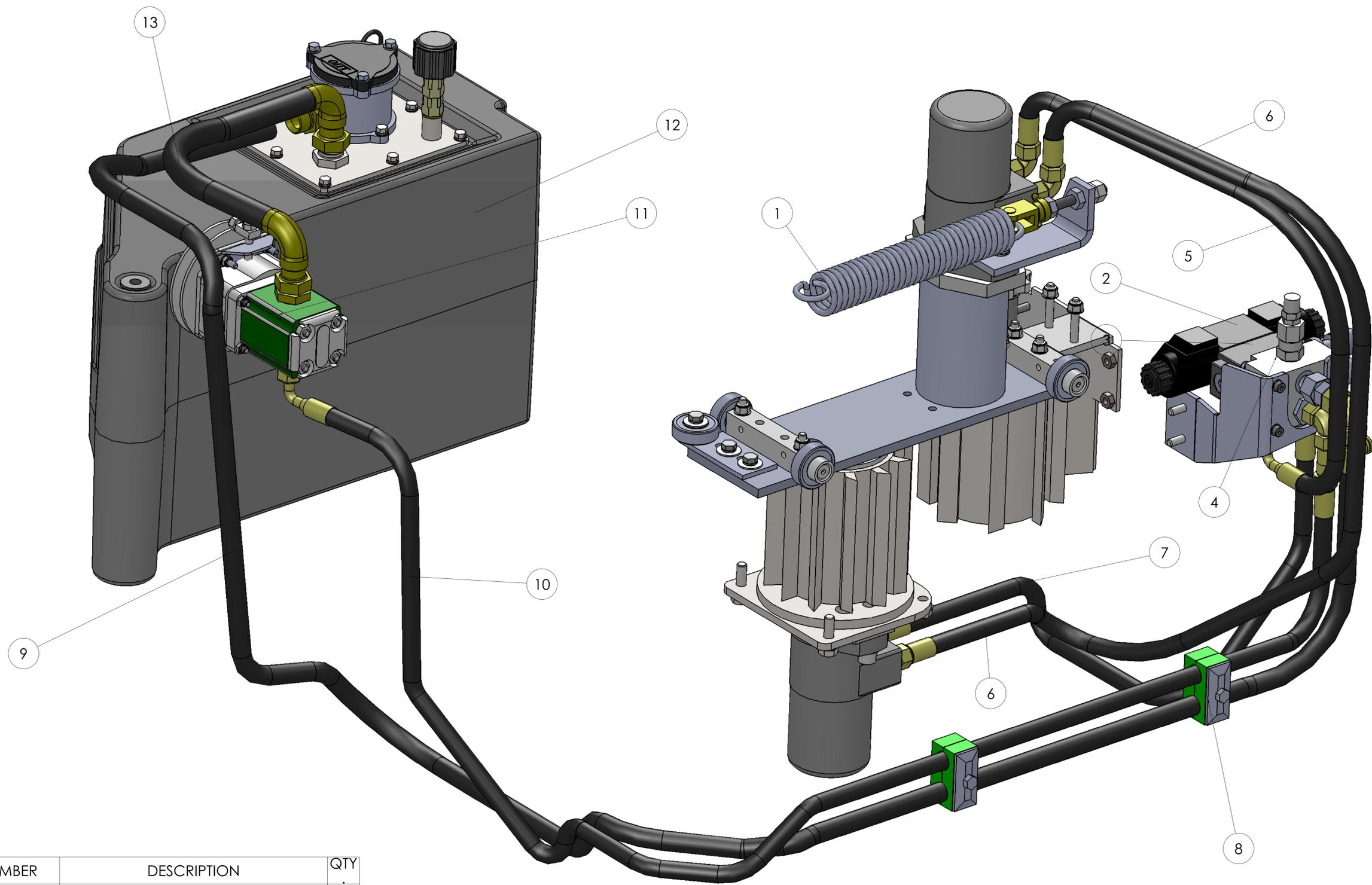
QTRAK TANK BONNET



ITEM NO.	PART NUMBER	NEW PART NUMBER	Description	QTY.
1	QC160-6-27 MK2F	305060034	RAD GRILLE	1
2	QC160-6-30 ALUMINIUM	305060040	RAD COVER ALUMINIUM	1
3	QC160-6-97	305060112	PEG PLATE	1
4	QC160-2-159	305020174	SIDEPANEL PEG	1
5	91001PT	91001PT	PLAIN NUT	2
6	60820	60825	BUTTON HD BOLT	2
7	90801	90801	NYLOC NUT	2
8	90802	90802	FLAT WASHER	4
9	90603	90603	SPRING WASHER	1
10	90602	90602	FLAT WASHER	1
11	70620	70620	CAP HD BOLT	1

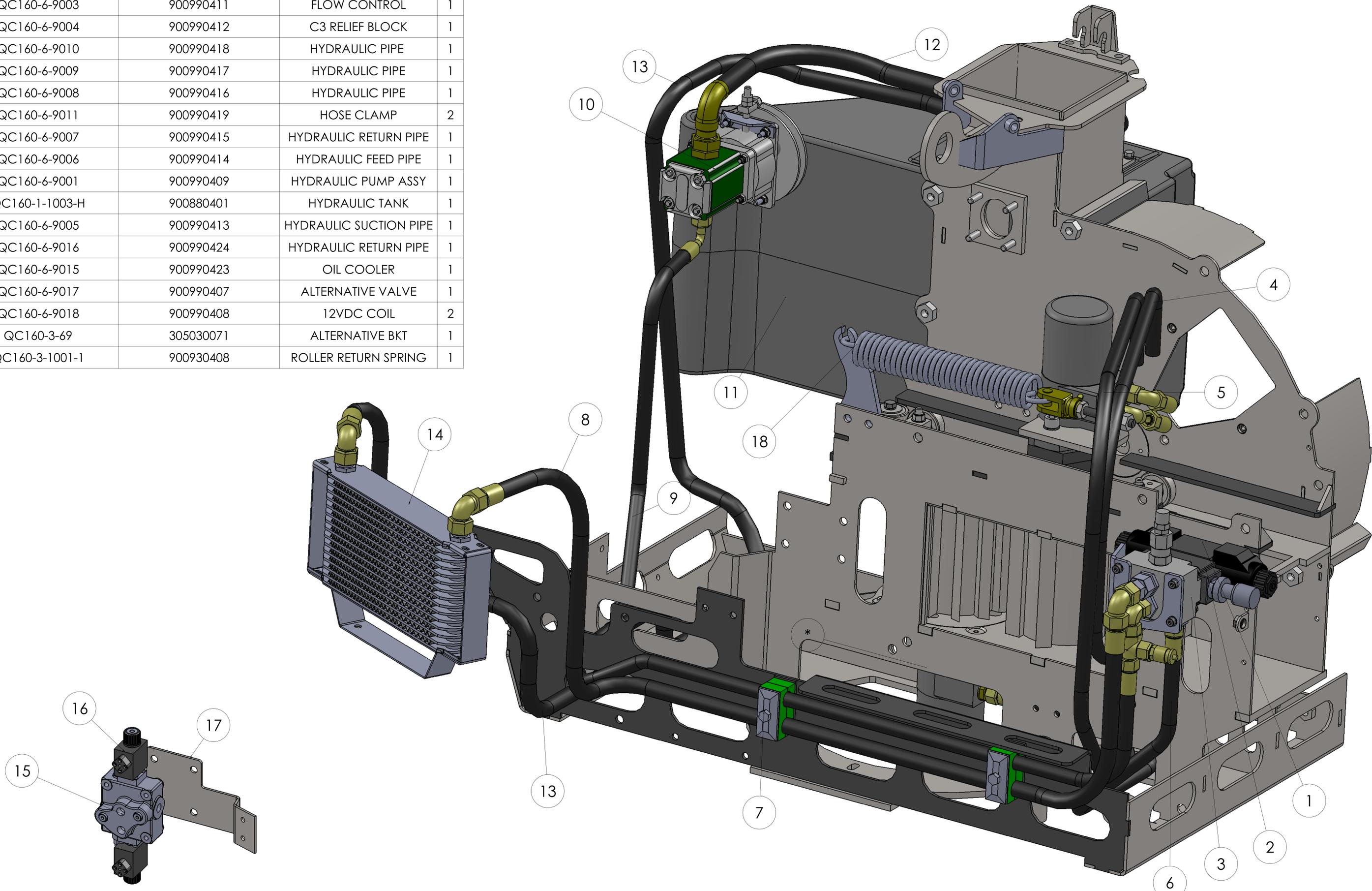


ITEM NO.	PART NUMBER	NEW PART NUMBER	Description	QTY.
1	QC160-6-30	305060039	COLD COMPARTMENT (STEEL)	1
2	S460714-2	900950305	Track chip switch	1
3	STM10016	900950340	Quadtrak ram switch	1
4	STC1928901	90090453	Track control valve	1
5	QTRAK-039F	305060152	CONTROL BOX	1
6	QTRAK-016F	305060147	CONTROL BOX BASE	1
7	QTRAK-078	305060183	TRACK VALVE LEVER	2
8	ST1928-1-127	900900410	LEVER KNOB	2
9	QTRAK-041	305060155	CONTROL BOX COVER	1
10	QC160-6-27 MK2F	305060034	RAD GRILLE	1
11	ST20004	900960303	THROTTLE LEVER	1



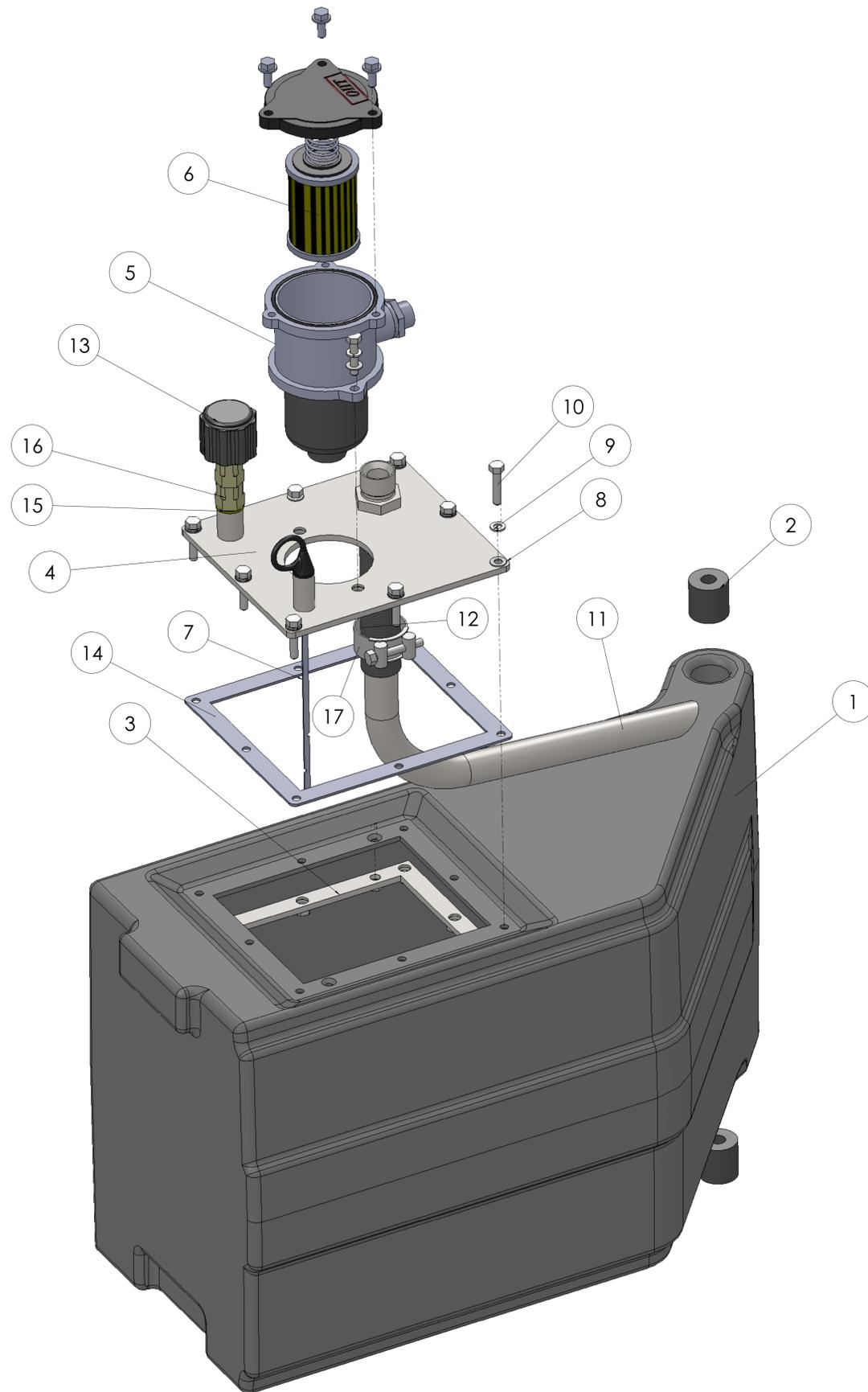
ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-3-1001-1	900930406	ROLLER RETURN SPRING	1
2	QC160-6-9002	900990410	SOLENOID BLOCK 12V	1
3	QC169-6-9003	900990411	FLOW CONTROL	1
4	QC160-6-9004	900990412	C3 RELIEF BLOCK	1
5	QC160-6-9010	900990418	HYDRAULIC PIPE	1
6	QC160-6-9009	900990417	HYDRAULIC PIPE	1
7	QC160-6-9008	900990416	HYDRAULIC PIPE	1
8	QC160-6-9011	900990419	HOSE CLAMP	2
9	QC160-6-9007	900990415	HYDRAULIC RETURN PIPE	1
10	QC160-6-9006	900990414	HYDRAULIC FEED PIPE	1
11	QC160-6-9001	900990409	HYDRAULIC PUMP ASSY	1
12	QC160-1-1003-H	900880401	HYDRAULIC TANK	1
13	QC160-6-9005	900990413	HYDRAULIC SUCTION PIPE	1

ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-6-9002	900990410	SOLENOID BLOCK 12V	1
2	QC160-6-9003	900990411	FLOW CONTROL	1
3	QC160-6-9004	900990412	C3 RELIEF BLOCK	1
4	QC160-6-9010	900990418	HYDRAULIC PIPE	1
5	QC160-6-9009	900990417	HYDRAULIC PIPE	1
6	QC160-6-9008	900990416	HYDRAULIC PIPE	1
7	QC160-6-9011	900990419	HOSE CLAMP	2
8	QC160-6-9007	900990415	HYDRAULIC RETURN PIPE	1
9	QC160-6-9006	900990414	HYDRAULIC FEED PIPE	1
10	QC160-6-9001	900990409	HYDRAULIC PUMP ASSY	1
11	QC160-1-1003-H	900880401	HYDRAULIC TANK	1
12	QC160-6-9005	900990413	HYDRAULIC SUCTION PIPE	1
13	QC160-6-9016	900990424	HYDRAULIC RETURN PIPE	1
14	QC160-6-9015	900990423	OIL COOLER	1
15	QC160-6-9017	900990407	ALTERNATIVE VALVE	1
16	QC160-6-9018	900990408	12VDC COIL	2
17	QC160-3-69	305030071	ALTERNATIVE BKT	1
18	QC160-3-1001-1	900930408	ROLLER RETURN SPRING	1



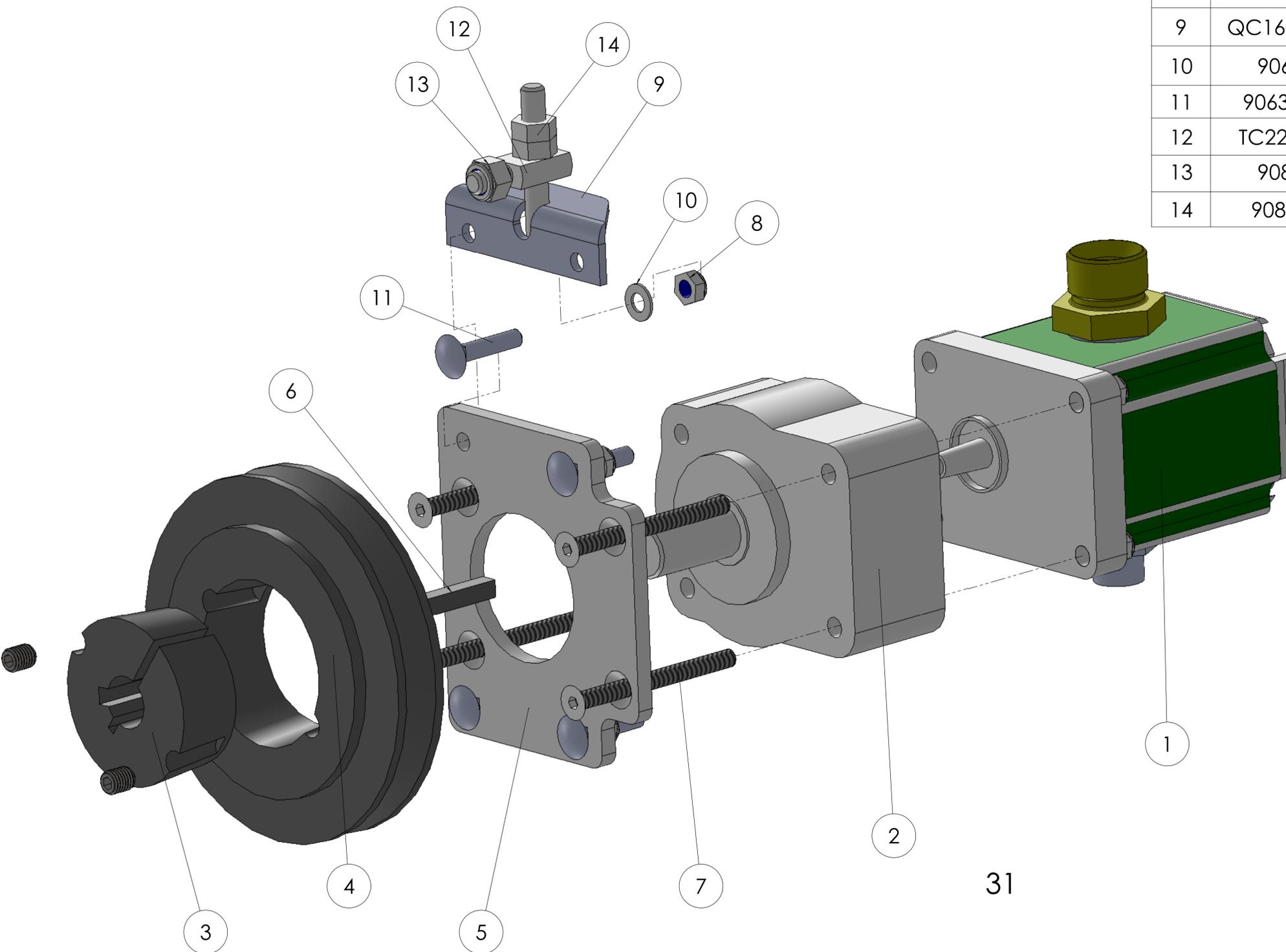
NOTE:-SOME EARLY MODELS ARE FITTED WITH ITEMS 1-2-3
SOME EARLY MODELS ARE FITTED WITH ITEMS 1-3 ONLY
LATER MODELS ARE FITTED WITH ITEMS 15-16-17

HYDRAULIC LAYOUT WITH OIL COOLER

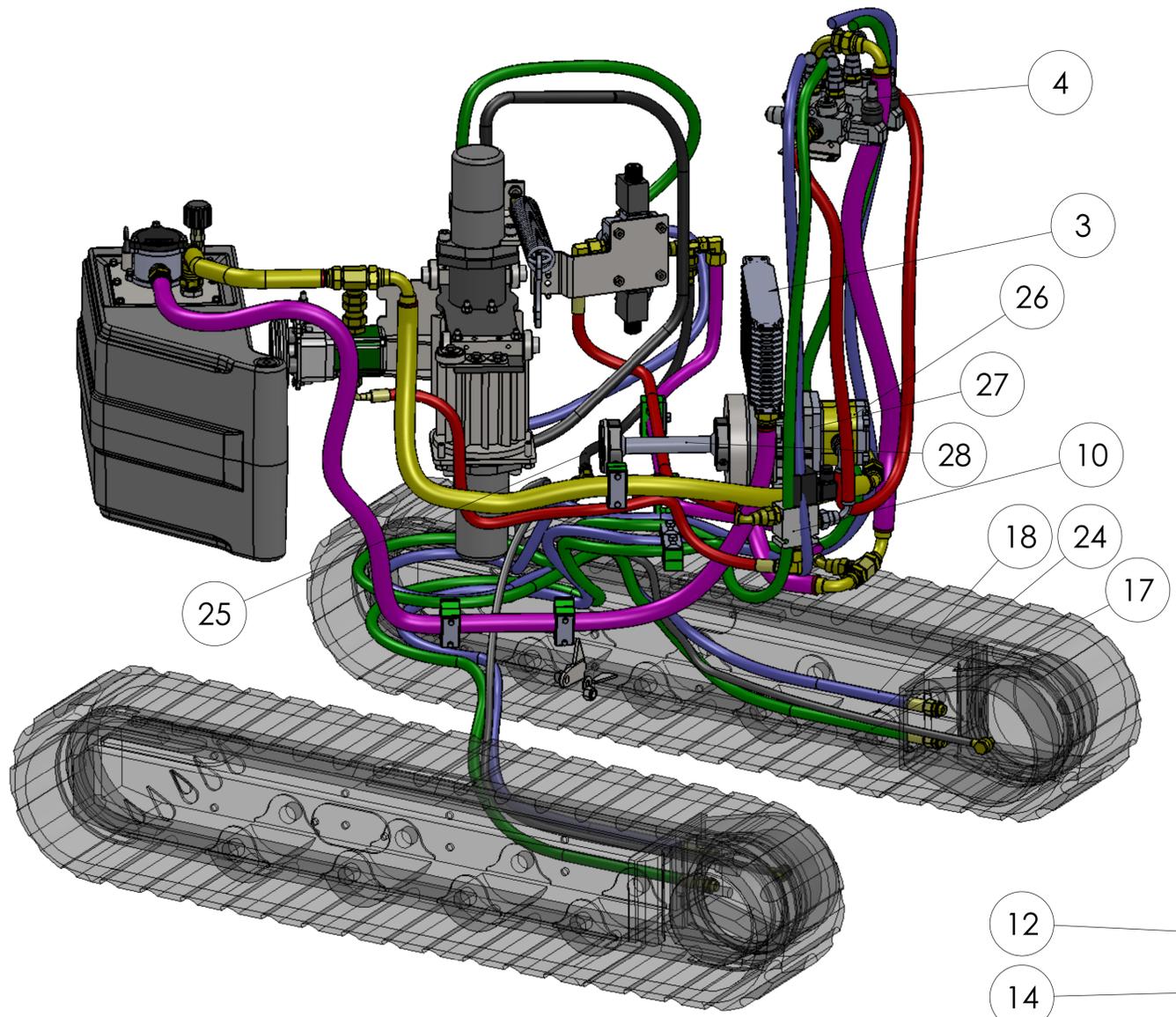


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-1-1003-H	900880401	HYDRAULIC TANK	1
2	QC160-1-1011	900930401	MOUNTING BUSH	2
3	QC160-1-26F	305010031	TANK CLAMP PLATE	1
4	QC160-1-28F	305010035	HYD TANK PLATE	1
5	EC151029	900990197	OIL RETURN FILTER	1
6	EC151029/1	900990198	FILTER ELEMENT	1
7	QC160-1-1026	900990402	DIPSTICK	1
8	90602	90602	FLAT WASHER	10
9	90603	90603	SPRING WASHER	10
10	90630	90630	HEX HD BOLT	10
11	QC160-1-61	305010076	OIL PIPE	1
12	QC160-6-9012	900990420	RUBBER PIPE	1
13	ST1928-1-150	900990455	UCC TANK BREATHER	1
14	QC160-9-1016	900990456	TANK GASKET	1
15	DSSC-400-821	DSSC-400-421	BONDED WASHER	1
16	MF-04-04	MF-04-04	EXTENSION	2
17	GBS30-18-W2N	GBS30-18-W2N	HOSE CLIP	2

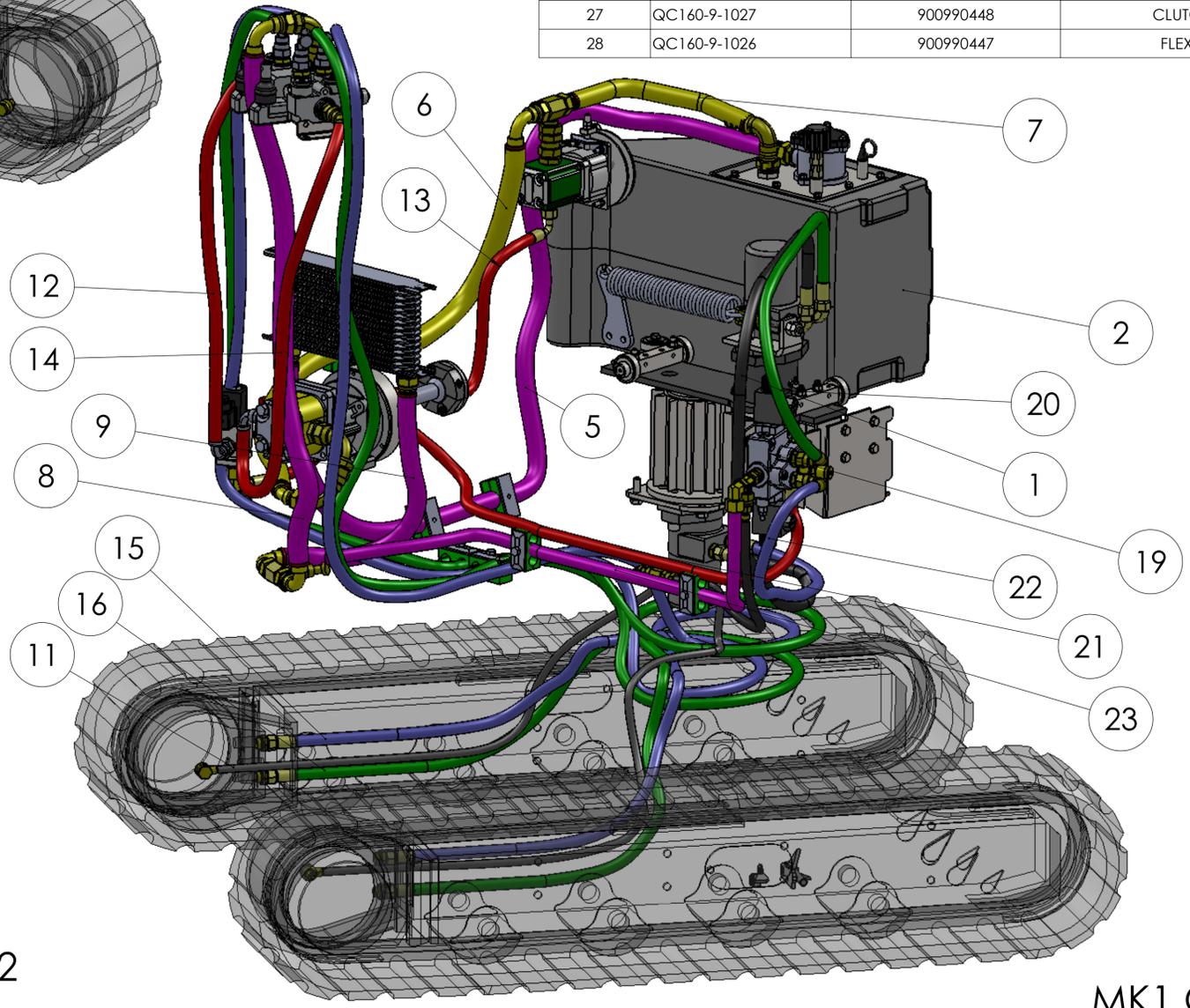
ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY.
1	QC160-6-9001	900990409	PUMP	1
2	EC1523705	900990200	BEARING SUPPORT	1
3	TMP220612	900980406	TL BUSH	1
4	QC160-6-9005	900990413	PULLEY	1
5	QC160-6-12	305060012	PUMP PLATE	1
6	6 X6 X30	6X6X30	KEY	1
7	80670	80670	M6 x 70mm C/SUNK	4
8	90601	90601	NYLOC NUT	8
9	QC160-6-60	305060072	PUMP ADJUSTER	1
10	90602	90602	FLAT WASHER	4
11	90630CB	90630CB	COACHBOLT	4
12	TC220215	900990446	CLEVIS	1
13	90801	90801	M8 Nyloc nut	1
14	90801P	90801P	PLAIN NUT	2

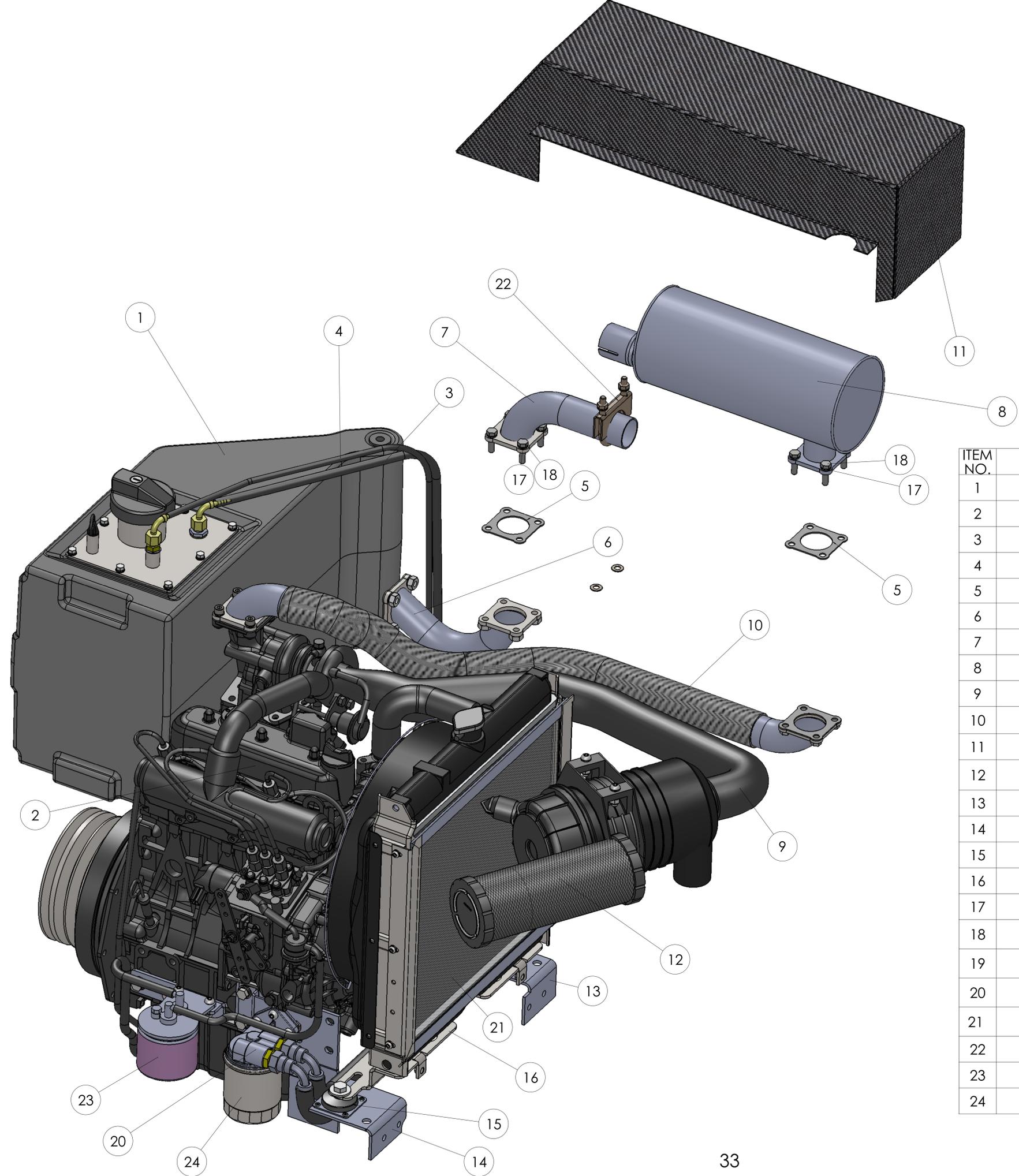


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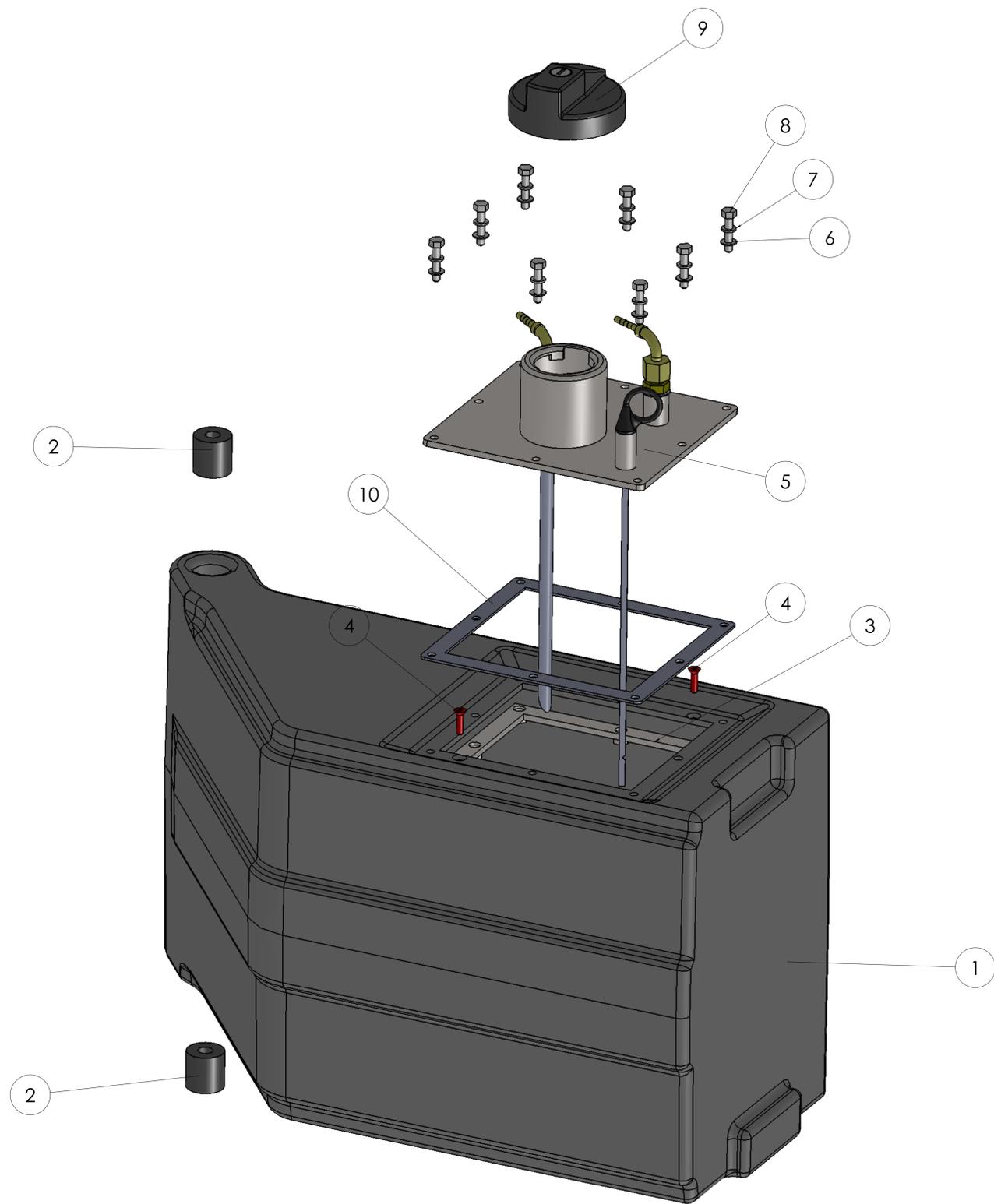


ITEM NO.	PART NUMBER	NEW PART NUMBER	Description	Default/Qty.
1	QC160-6-9009	900990417	HYDRAULIC PIPE	1
2	QC160-1-1003-H	900880401	HYDRAULIC TANK	1
3	QC160-6-9015	900990423	OIL COOLER	1
4	STC1928901	900990453	TRACK CONTROL VALVE	1
5	QC160-6-9016	900990424	RETURN PIPE	1
6	QC160-6-9023	900990429	SUCTION PIPE	1
7	QC160-6-9022	900990428	SUCTION PIPE	1
8	QC160-6-9028	900990434	RETURN TRAK VALVE TO TEE	1
9	QC160-6-9029	900990435	RETURN COOLER TO TEE	1
10	C251808	900990305	3-8 SOLENOID VALVE	1
11	QC160-6-9034	900990440	NS TRAK BLEED	2
12	QC160-6-9025	900990431	FEED PIPE	1
13	QC160-6-9006	900990414	FEED PIPE	1
14	QC160-6-9026	900990432	FEED PIPE	1
15	QC160-6-9032	900990438	NS TRAK RETURN	1
16	QC160-6-9030	900990436	NS TRAK FEED	1
17	QC160-6-9031	900990437	OS TRAK FEED	1
18	QC160-6-9033	900990439	OS TRAK RETURN	1
19	QC160-6-9017	900990407	HYDRAULIC VALVE	1
20	QC160-6-9008	900990416	VALVE TO MOTOR	1
21	QC160-6-9024	900990430	FEED PIPE	1
22	QC160-6-9010	900990418	MOTOR TO VALVE	1
23	QC160-6-9027	900990433	RETURN VALVE TO TEE	1
24	QC160-6-9035	900990441	OS TRACK BLEED	1
25	QC160-6-9036	900990442	BLEED RETURN	1
26	QC160-9-1019	900990449	TRAK PUMP	1
27	QC160-9-1027	900990448	CLUTCH UNIT	1
28	QC160-9-1026	900990447	FLEXIDRIVE	1



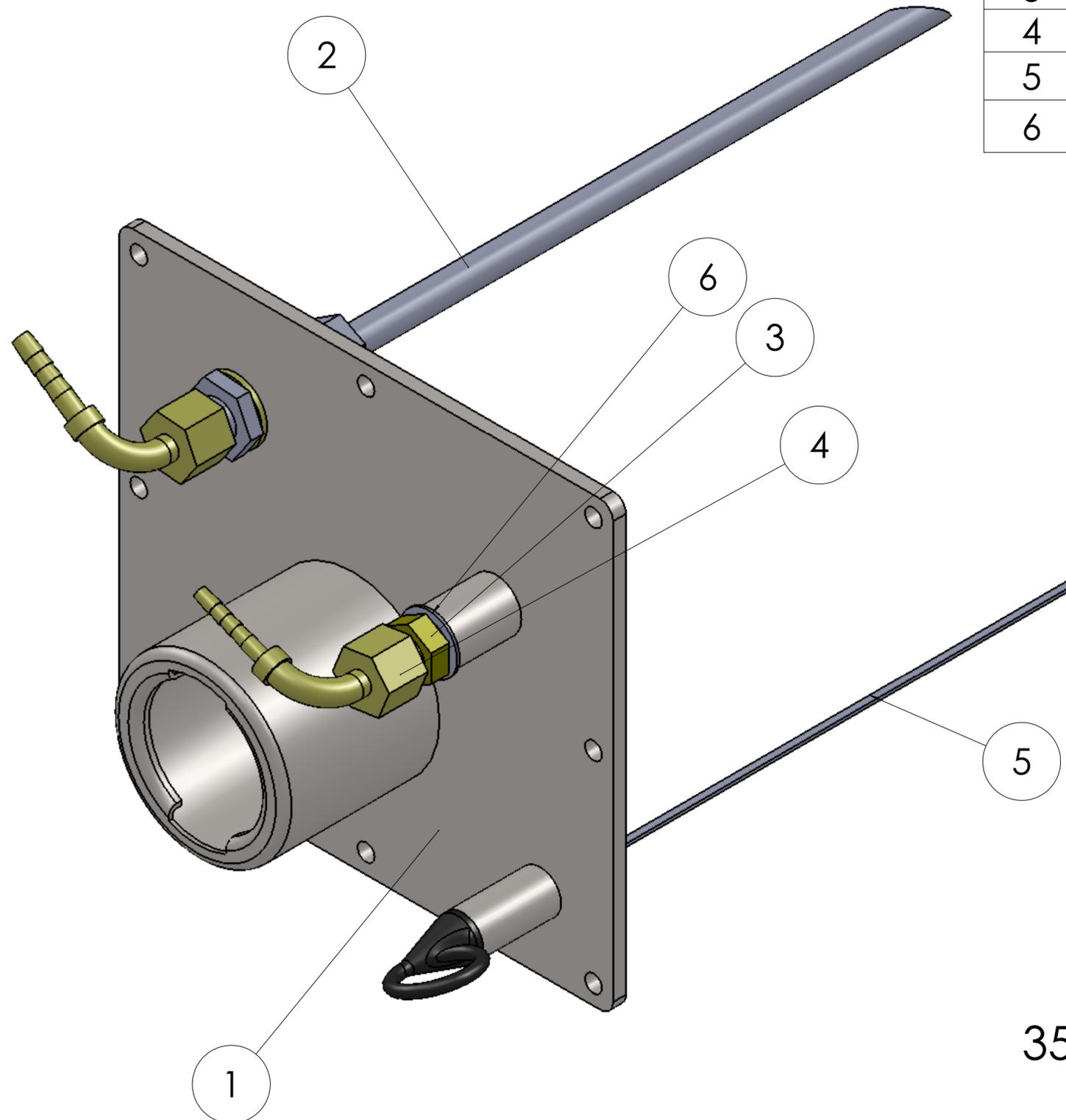


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-1-1003F	9008980401	FUEL TANK	1
2	QC160-6-1001K3	900970161	ENGINE ASSY	1
3	QC160-1-1038	900990404	FUEL SUCTION PIPE	1
4	QC160-1-1039	900990403	FUEL BLEED PIPE	1
5	S120021	900960412	EXHAUST GASKET	5
6	QC160-2-56F	305020066	EXHAUST SPIGOT	1
7	QC160-2-57MK2F	305020069	EXHAUST BELBOW	1
8	QC160-6-61	305060073	SILENCER	1
9	QC160-6-1020	900960404	AIR INTAKE PIPE	1
10	QC160-6-48	305060058	FLEXIBLE EXHAUST PIPE	1
11	QC160-6-93	305060108	EXHAUST GUARD	1
12	SI20003-2	900960407	AIR FILTER	1
13	QC160-6-56	305060066	NS RAD SUPPORT B-S	1
14	QC160-6-77	305060089	OS RAD SUPPORT QT	1
15	SI-20015	900930302	LOWER RAD MOUNT	2
16	QTRAK-048	305010200	LOWER RAD BKT	2
17	90803	90803	M8 SPRING WASHER	20
18	90830	90830	M8 x 30 BOLT	8
19	SI 20032	900950334	THROTTLE SOLENOID	1
20	QC160-6-1032	900960406	REMOTE OIL FILTER MOUNT	1
21	QC160-6-82F	305060095	RAD SCREEN	1
22	C150113-2	900960408	EXHAUST CLAMP	1
23	SK21002	900960414	FUEL FILTER	1
24	SK21001	900960415	OIL FILTER	1

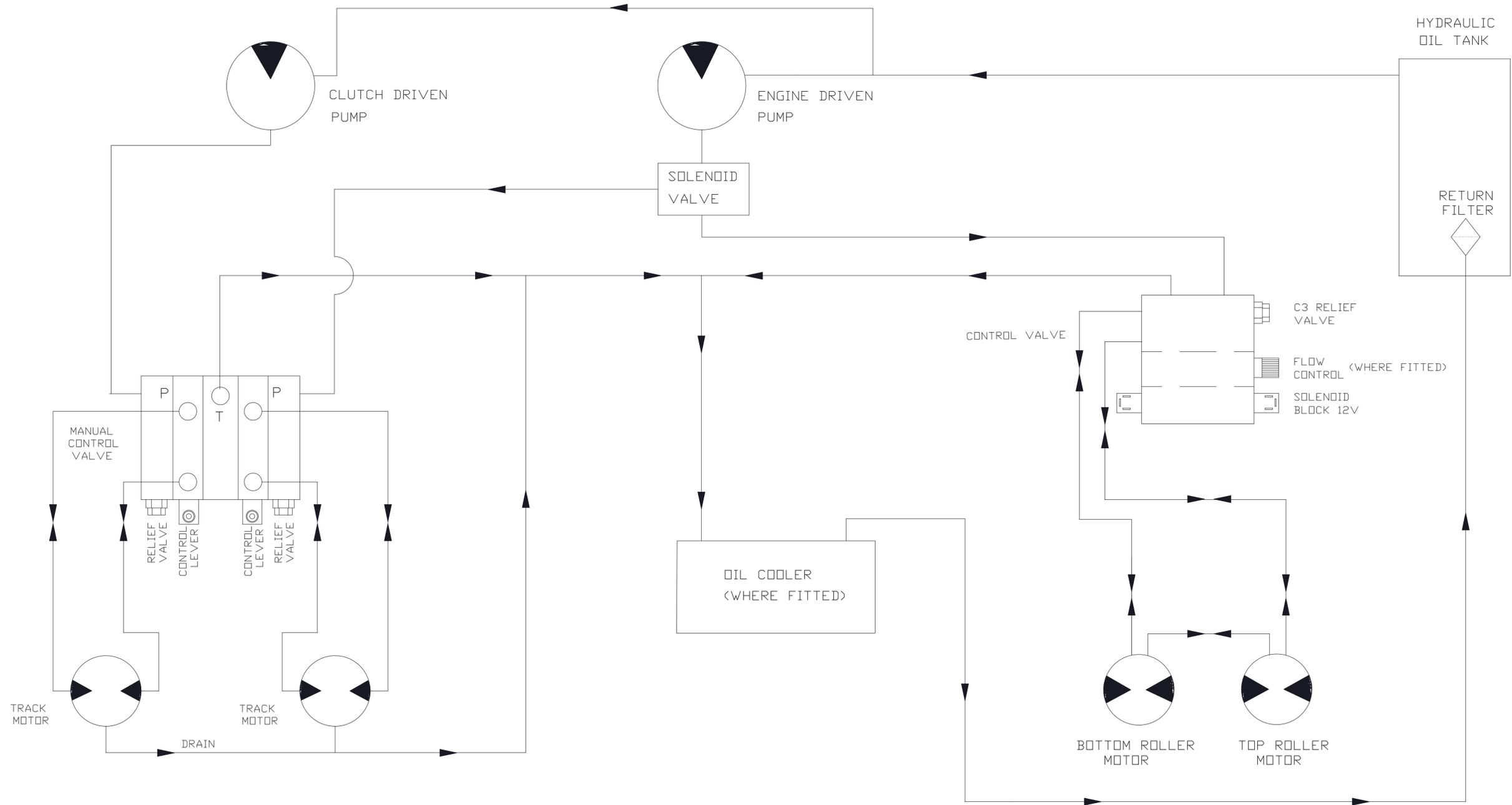


ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-1-1003-F	9008980401	FUEL TANK	1
2	QC160-1-1011	900930401	MOUNTING BUSH	2
3	QC160-1-26F	305010031	TANK CLAMP PLATE	1
4	80520	80520	C/SUNK HD BOLT	2
5	CQ160-1-27A	305010033	FUEL TANK PLATE	1
6	90602	90602	FLAT WASHER	8
7	90603	90603	SPRING WASHER	8
8	90630	90630	HEX HD BOLT	8
9	STC1928-109	900990451	STC1928-109 FUEL CAP	1
10	QC160-9-1016	900990456	TANK GASKET	1

ITEM NO.	PART NUMBER	NEW PART NUMBER	DESCRIPTION	QTY
1	QC160-1-27F	305010033	FUEL TANK PLATE	1
2	QC160-1-1036	900990405	SUCTION PIPE	1
3	MM-04-04	MM-04-04	MALE ADAPTOR	1
4	MW23-03-04	MW23-03-04	HOSE TAIL	1
5	QC160-1-1034	900990406	DIPSTICK	1
6	DSSC-400-821	DSSC-400-821	BONDED WASHER	1



SOME EARLY MODELS DO NOT INCLUDE DIPSTICK



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TOLERANCES: LINEAR: 0.025mm ANGULAR: 0.25°	FINISH: xxxxxxxxxxxx	NAME: BGG	SIGNATURE: [Signature]	DATE: 17/3/11	DEBUR AND BREAK SHARP EDGES	TOLERANCES MACHINED PARTS +/- 0.025mm FABRICATED PARTS +/- 1.0mm TITLE: QUADTRACK HYDRAULIC CIRCUIT
DRAWN: CHKD: APPYD:	BGG	BGG				
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044		MATERIAL:		WEIGHT:		DWG NO. []

REV	MODIFICATION	DRAWN	APPRD	DATE

DO NOT SCALE - IF IN DOUBT ASK

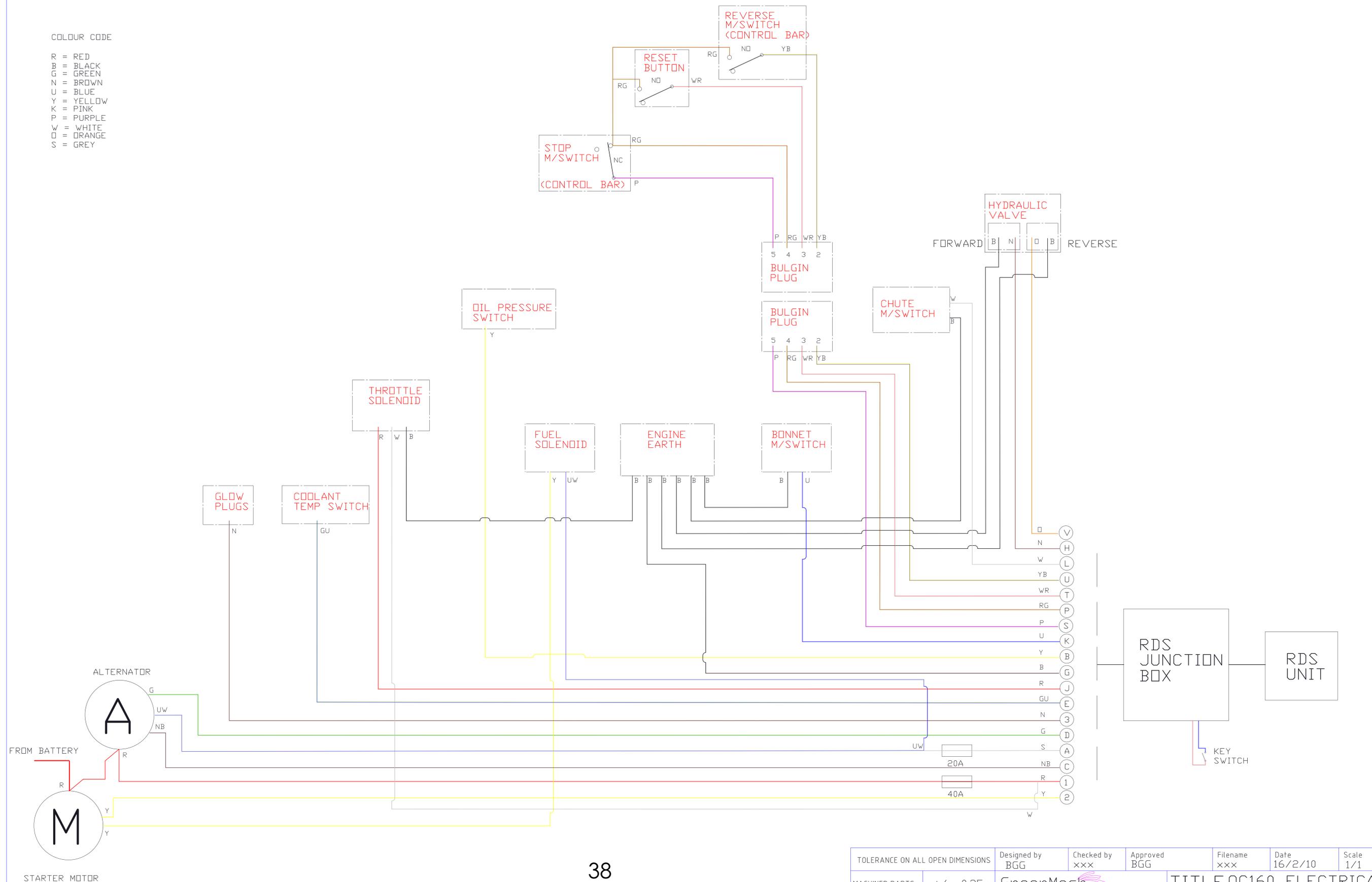
THIS DRAWING IS 1ST ANGLE PROJECTION

DIMENSIONS IN MILLIMETERS

Item No	No Off	Description	Part No	Material
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COLOUR CODE

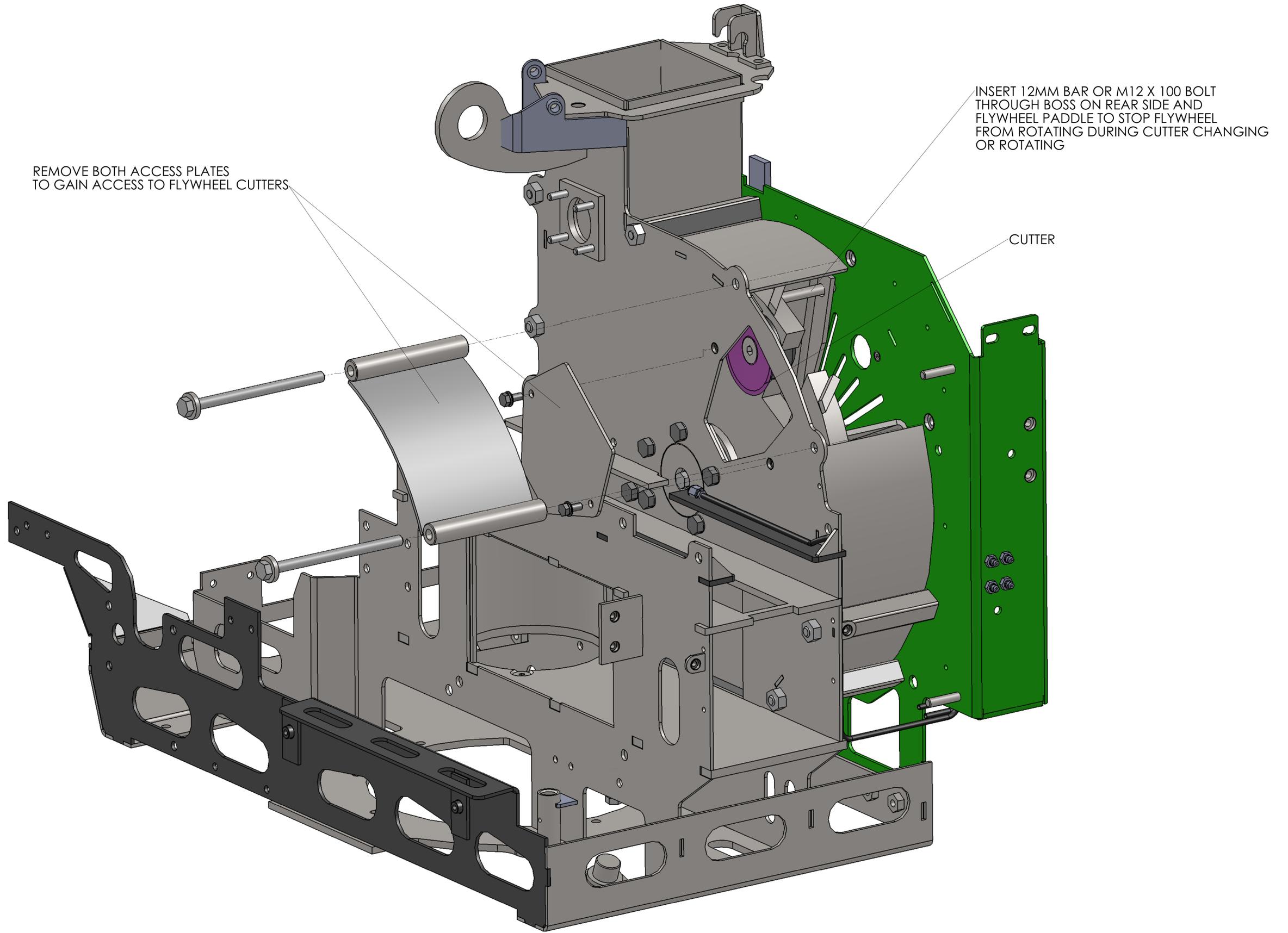
- R = RED
- B = BLACK
- G = GREEN
- N = BROWN
- U = BLUE
- Y = YELLOW
- K = PINK
- P = PURPLE
- W = WHITE
- O = ORANGE
- S = GREY



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Issue	Modifications	Date	Sig	Chkd

TOLERANCE ON ALL OPEN DIMENSIONS	Designed by BGG	Checked by xxx	Approved BGG	Filename xxx	Date 16/2/10	Scale 1/1
MACHINED PARTS	GreenMech Ltd The Mill Industrial Park, Kings Coughton Alcester, Warks. B49 5QG Phone 01789 400044			TITLE QC160 ELECTRICAL		
FABRICATED PARTS	PART ND			Issue A	Sheet 1 OF 1	



REMOVE BOTH ACCESS PLATES
TO GAIN ACCESS TO FLYWHEEL CUTTERS

INSERT 12MM BAR OR M12 X 100 BOLT
THROUGH BOSS ON REAR SIDE AND
FLYWHEEL PADDLE TO STOP FLYWHEEL
FROM ROTATING DURING CUTTER CHANGING
OR ROTATING

CUTTER

CUTTER CHANGING