



Spare Parts List

CV86
1.012-596.0

CVC86
1.012-597.0

CVI86
1.012-600.0

CV86LI
1.012-601.0

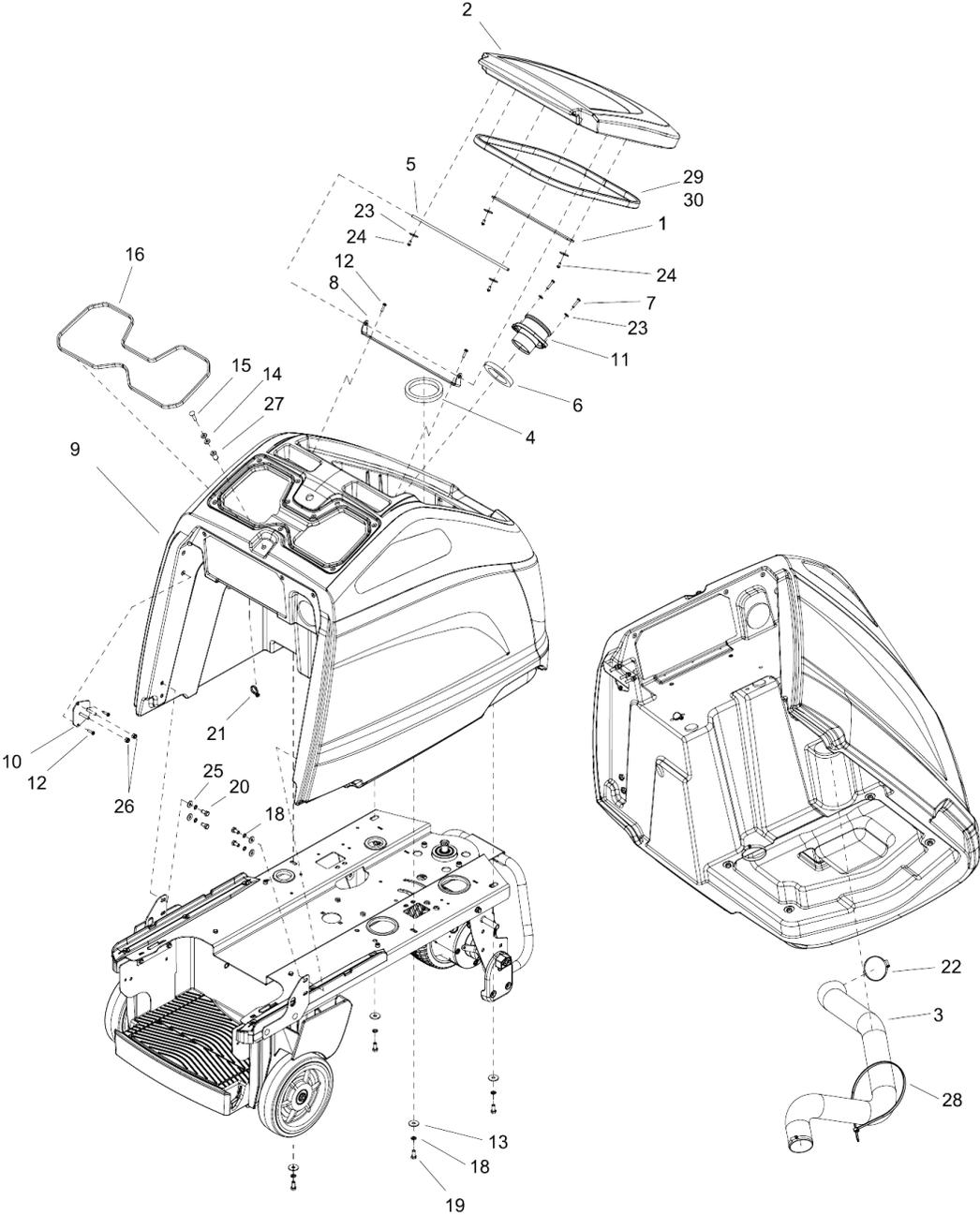
Chariot 3 - CV 86/1 RS Bp

Table of contents

CHARIOT 3 CV 86/1 RS Bp (ALL MODELS)	2
10 GRP, MAIN HOUSING, CV86	3
20 GRP, FRAME, CV86	5
30 GRP, FRONT DRIVE, CS26	9
40 GRP, STEERING, CV86	11
50 GRP, PLATFORM, CV86	13
60 GRP, CONTROL LOWER, CV86	18
70 GRP, CONTROL UPPER, CV86	21
80 GRP, VACUUM, CV86	24
90 GRP, BUMPER BLK, CV86	26
100 GROUP, LABEL CV86	28
110 GRP, DECK LIFT, CV86	30
120 GRP, BRUSH DECK, CV86	36
1000 GRP, DRIVE, BRUSH DECK (8.634-388.0)	38
1010 GRP, DEBRIS TRAY, 28" (8.640-580.0)	40
140 GRP, BATTERY EXCHANGE LOCK	42
150 GRP, BATTERY EXCHANGE CART	44
160 Wiring-Batteries	48
170 CV86 Serial Numbers	51

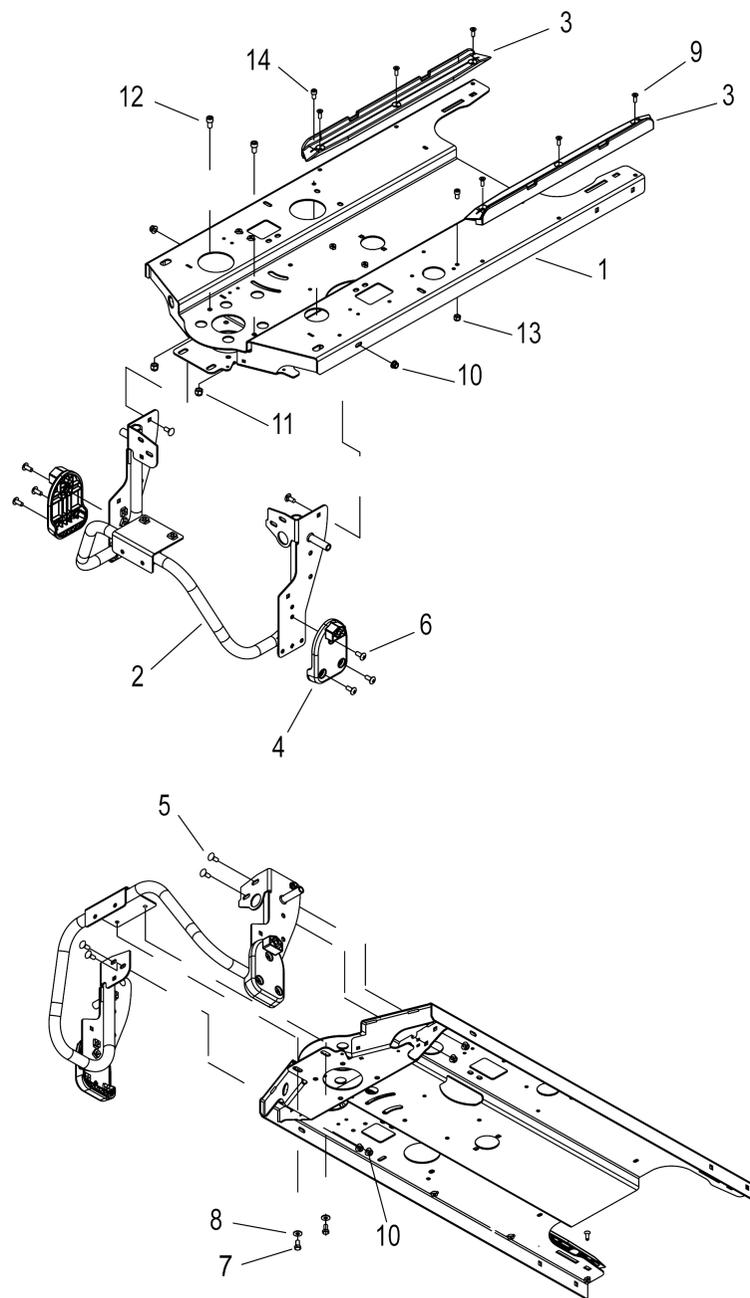
CHARIOT 3 CV 86/1 RS Bp (ALL MODELS)

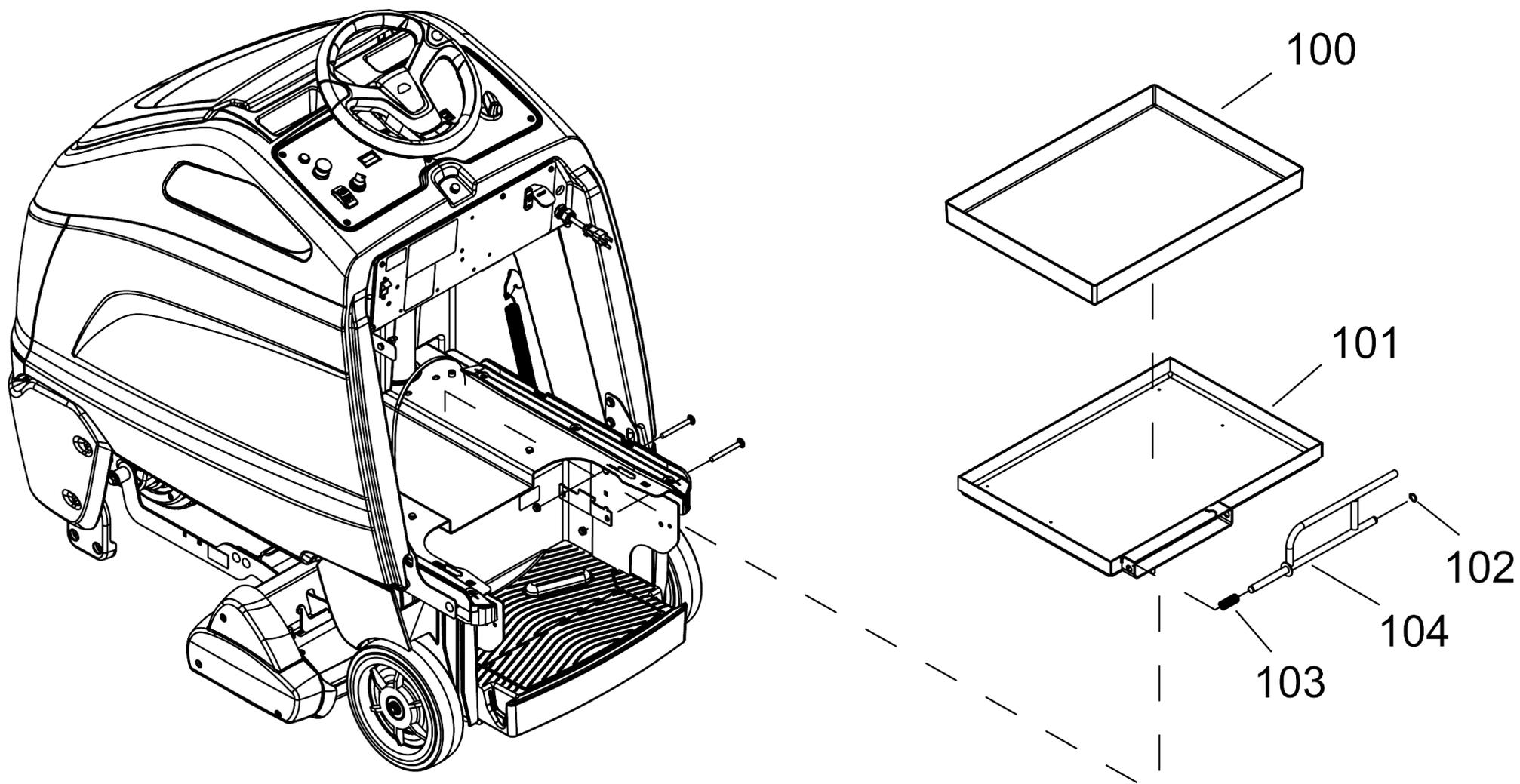
POS	Description	Quantity	Unit	Remark
10	GRP, MAIN HOUSING, CV86	1.000	ST	1.012-596.0,1.012-600.0 AND 1.012-601.0
20	GRP, FRAME, CV86	1.000	ST	
30	GRP, FRONT DRIVE, CS26	1.000	ST	
40	GRP, STEERING, CV86	1.000	ST	
50	GRP, PLATFORM, CV86	1.000	ST	
60	GRP, CONTROL LOWER, CV86	1.000	ST	
70	GRP, CONTROL UPPER, CV86	1.000	ST	
80	GRP, VACUUM, CV86	1.000	ST	
90	GRP, BUMPER BLK, CV86	1.000	ST	
100	GROUP, LABEL CV86	1.000	ST	
110	GRP, DECK LIFT, CV86	1.000	ST	
120	GRP, BRUSH DECK, CV86	1.000	ST	
140	GRP, BATTERY EXCHANGE LOCK	1.000	ST	
150	GRP, BATTERY EXCHANGE CART	1.000	ST	
160	Wiring-Batteries	1.000	ST	1.012-596.0 AND 1.012-597.0
170	CV86 Serial Numbers	1.000	ST	

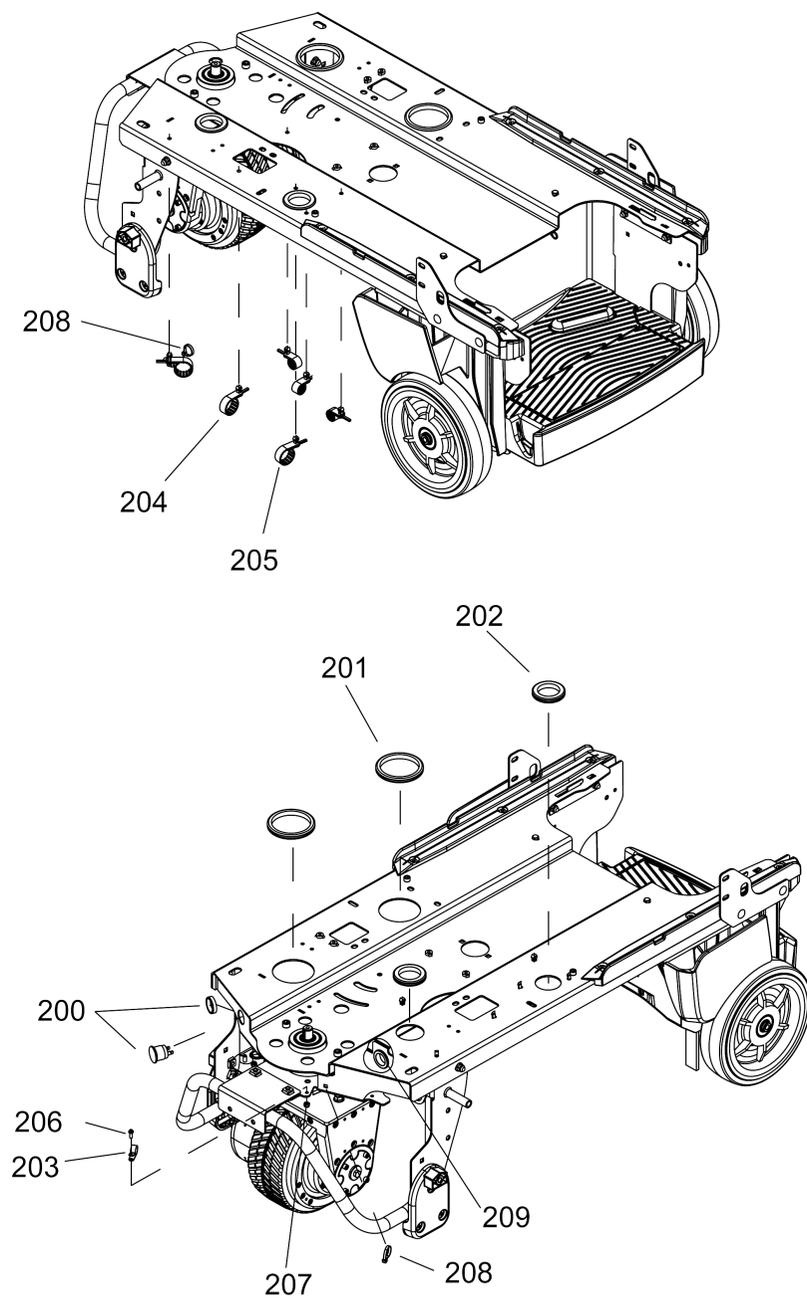


10 GRP, MAIN HOUSING, CV86

POS	Article no.	Description	Quantity	Unit	Remark	Foot note text
1	8.640-943.0	STRAP, BAG STORAGE	1.000	ST		
2	8.640-899.0	LID, CV86, TRIMMED	1.000	ST		
3	8.640-893.0	HOSE, VAC, 2.5 X 45.0	1.000	ST		
4	8.640-873.0	GASKET, LOWER VAC SEAL	1.000	ST		
5	8.640-866.0	SHAFT, .25 X 15.3, SS	1.000	ST		
6	8.640-865.0	GASKET, VACUUM ADAPTER	1.000	ST		
7	8.640-858.0	Screw 10-32 X 1 TPNHMS SS BLK ZNPLT	2.000	ST		
8	8.640-442.0	BRACKET, HINGE, LID	1.000	ST		
9	8.641-611.0	MAIN HOUSING, CV86, TRIMMED	1.000	ST		
10	8.640-393.0	BATTERY CONNECTOR MOUNT	1.000	ST		
11	8.640-369.0	VACUUM BAG ADAPTER	1.000	ST		
12	8.637-141.0	SCREW, 10-32 X .75 TMS SS BLK	4.000	ST		
13	8.636-725.0	WASHER, .344 X 1.13 X .09 SS	4.000	ST		
14	8.636-177.0	WASHER, 1/4 FLT SS	2.000	ST		
15	8.636-176.0	SCREW, 1/4-20 X 1.25 RDHCARR SS	1.000	ST		
16	8.636-070.0	GASKET, .188 X .37 X 53.2	1.000	ST		
17	8.627-917.0	WASHER, 10 FLT	4.000	ST		
18	8.627-913.0	WASHER, 5/16 SPLT STL ZNPLT	8.000	ST		
19	8.627-678.0	SCREW, 5/16-18 X .75 HHCS SS	4.000	ST		
20	8.627-649.0	SCREW, 5/16-18 X .625 HHCS SS	4.000	ST		
21	8.626-494.0	Cable tie 11.38" UL/CSA	1.000	ST		
22	8.623-312.0	CLAMP, 2.75" WORM GEAR	2.000	ST		
23	8.617-333.0	WASHER, M5 SS ISO7093	2.000	ST		
24	8.617-298.0	SCREW, KA50 X 10 OVHCS STL WN1412 ZNPLT	4.000	ST		
25	8.601-067.0	WASHER, 5/16 FLT SS	4.000	ST		
26	8.600-581.0	NUT, 1/4-20 HEX NYLOCK SS	2.000	ST		
27	8.600-562.0	NUT, 1/4-20 WELL	1.000	ST		
28	8.600-283.0	Cable tie .375 X 24.7	1.000	ST		
29	6.366-043.0	Sealing profile	1.530	M		TO ORDER AS CUT GOODS
30	8.640-937.0	GASKET, VACUUM LID	1.000	ST	SERVICE GASKET	

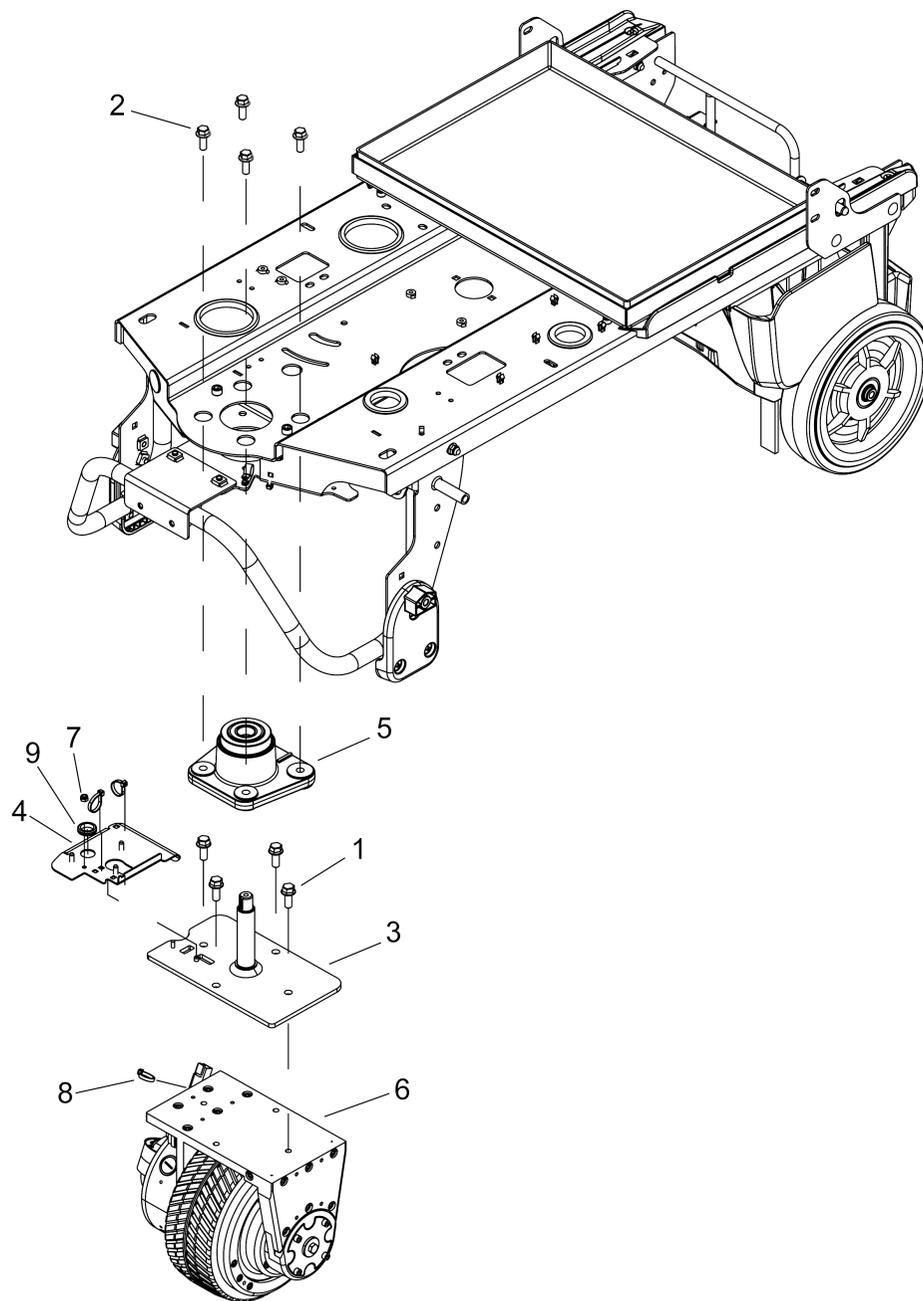






20 GRP, FRAME, CV86

POS	Article no.	Description	Quantity	Unit
1	8.640-368.0	FRAME, CV86	1.000	ST
2	8.636-071.0	ASM, WHEEL GUARD	1.000	ST
3	8.635-819.0	GLIDE, BATTERY TRAY	2.000	ST
4	8.635-795.0	PAD, TIP	2.000	ST
5	8.627-607.0	SCREW, 5/16-18 X .75 CARR SS	6.000	ST
6	8.627-689.0	SCREW, 5/16-18 X .75 PHTRHMS SS	6.000	ST
7	8.627-649.0	SCREW, 5/16-18 X .625 HHCS SS	2.000	ST
8	8.601-067.0	WASHER, 5/16 FLT SS	2.000	ST
9	8.640-081.0	SCREW, 1/4-20 X .75 PHFLHMS SS	6.000	ST
10	8.636-824.0	NUT, 5/16-18, FLG NYLOCK SS	6.000	ST
11	8.600-577.0	NUT, 3/8-16 HEX NYLOCK STL GR2 ZNPLT	2.000	ST
12	8.636-121.0	SCREW, 3/8-16 X .625 SCHCS STL BLKOX	2.000	ST
13	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	2.000	ST
14	8.600-664.0	SCREW, 5/16-18 X .5 SCHCS ZN NP	2.000	ST
100	8.639-814.0	TRAY, BATTERY CS26	1.000	ST
101	8.635-950.0	ASM, BATTERY TRAY	1.000	ST
102	8.627-281.0	Ring 1/2 EXT.SNAP H-D	1.000	ST
103	8.625-499.0	SPRING,COMP, 63ODX3.5LX.047W	1.000	ST
104	8.609-291.0	LATCH ROD, BATTERY TRAY	1.000	ST
200	8.623-972.0	HORN, 108DB MINATURE W/RING	1.000	ST
201	8.623-845.0	GROMMET, 3.0 ID X 3.25 GROOVE	2.000	ST
202	8.623-850.0	GROMMET,1.703IDX2.5.ODX.125GRV	2.000	ST
203	8.619-846.0	CLAMP, 5/8 NYLON UL/CSA	1.000	ST
204	8.636-122.0	CLAMP, PAN 1-1/4"	3.000	ST
205	8.636-123.0	CLAMP, PAN 3/4"	3.000	ST
206	8.600-698.0	SCREW, 10-32 X .5 HHCS SS	1.000	ST
207	8.627-099.0	NUT, 10-32 HEX NYLOCK SS	1.000	ST
208	8.626-494.0	Cable tie 11.38" UL/CSA	2.000	ST
209	8.623-843.0	GROMMET 1.00 ID 3/16 GRIP	1.000	ST

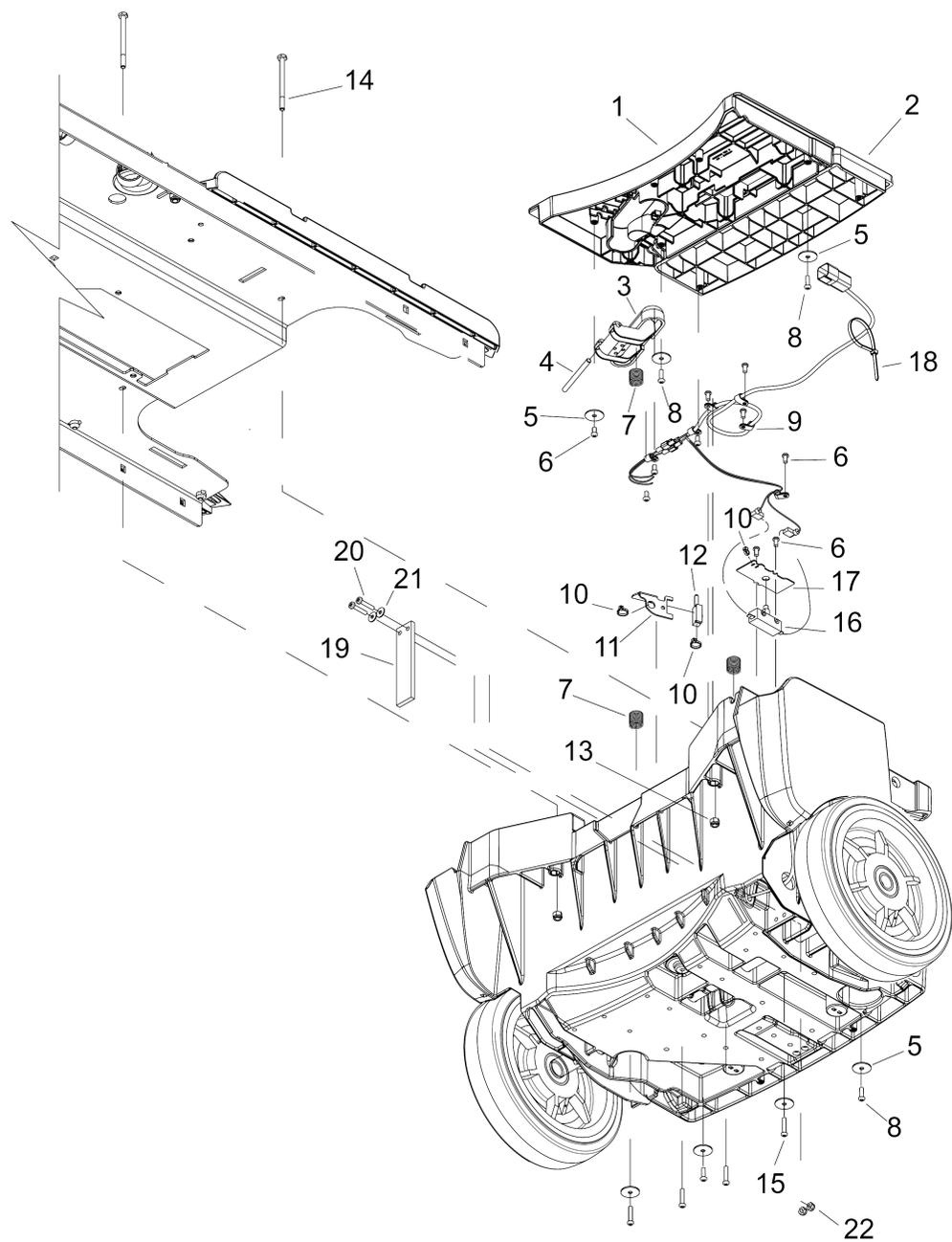


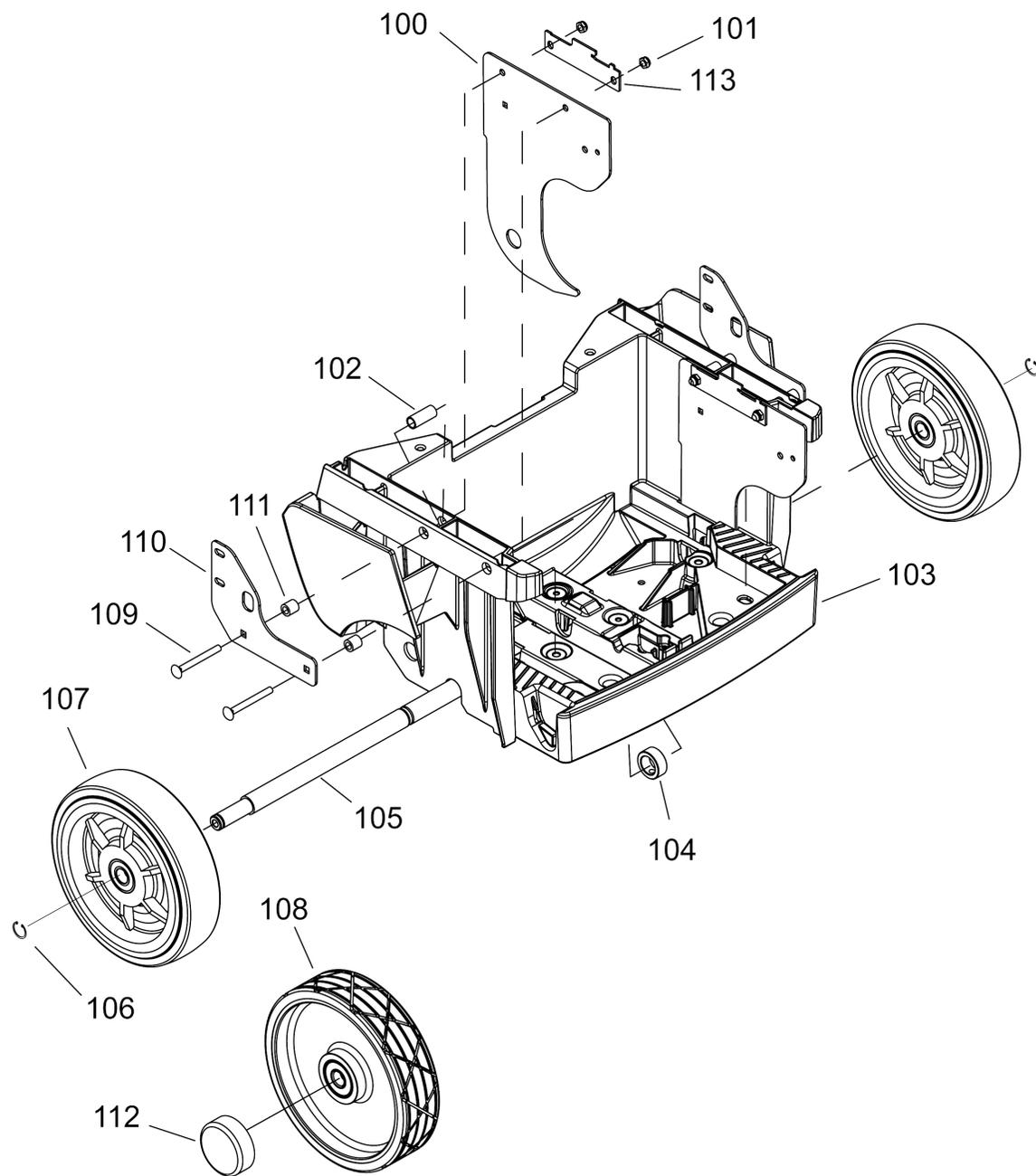
30 GRP, FRONT DRIVE, CS26

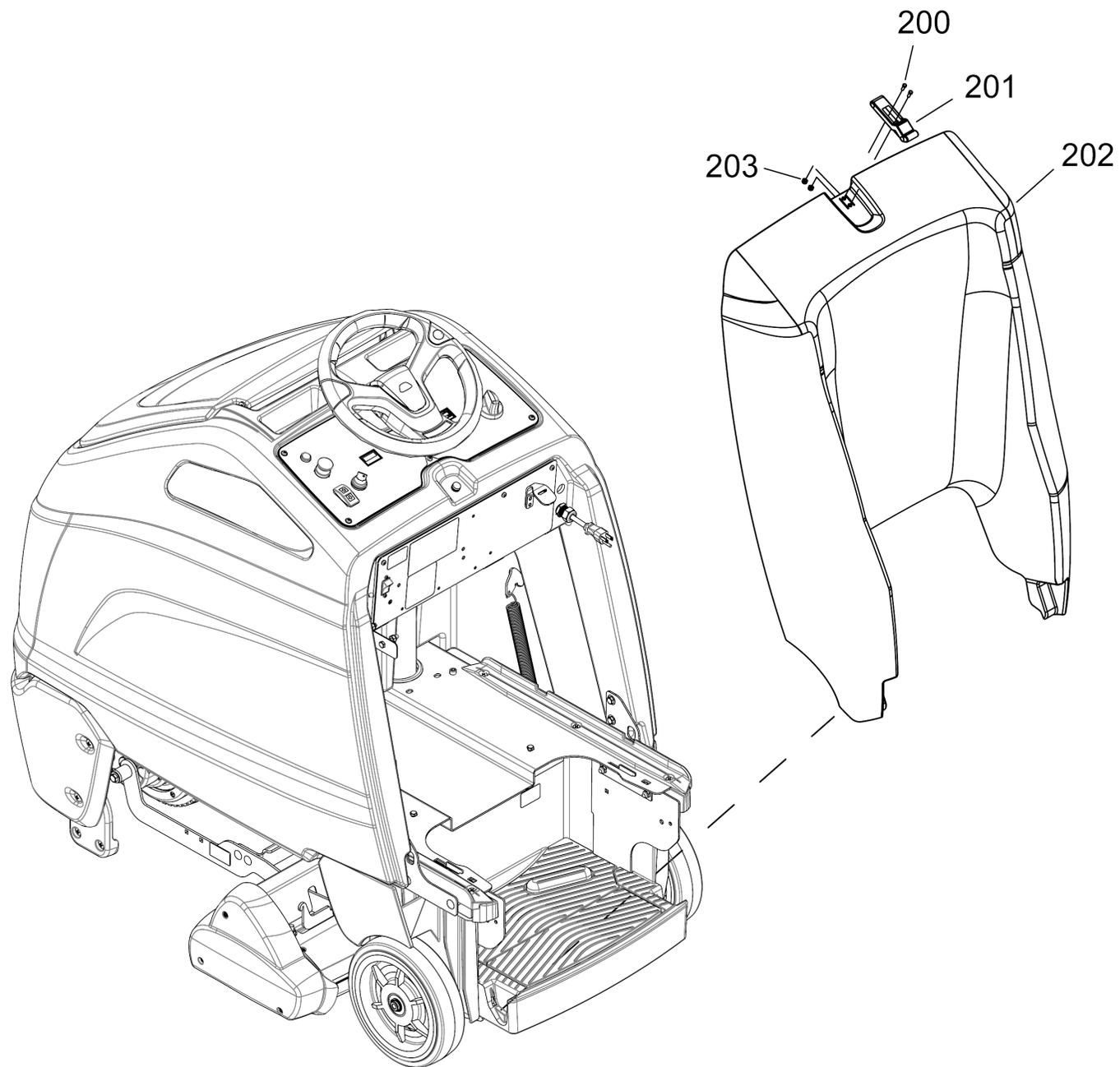
POS	Article no.	Description	Quantity	Unit
1	8.636-614.0	SCREW, M10-1.25 X 25 HWHCS	4.000	ST
2	8.636-613.0	SCREW, 3/8-16 X 1 HWHCSSERFLG GR8	4.000	ST
3	8.636-413.0	ASM, SHAFT DRIVE MOTOR	1.000	ST
4	8.636-107.0	BRKT, WIRING, DRIVE UNIT	1.000	ST
5	8.635-787.0	ASM, BEARING BLOCK, FRT DRIVE	1.000	ST
6	8.635-712.0	DRIVE WHEEL, 36VDC	1.000	ST
7	8.627-099.0	NUT, 10-32 HEX NYLOCK SS	1.000	ST
8	8.626-494.0	Cable tie 11.38" UL/CSA	3.000	ST
9	8.621-836.0	GROMMET, 3/4 ID X 7/8 GROOVE	1.000	ST

40 GRP, STEERING, CV86

POS	Article no.	Description	Quantity	Unit
1	8.640-863.0	CHAIN, 12.7MM PITCH, 102 ROLLER	1.000	ST
2	8.640-392.0	BRKT, STEERING	1.000	ST
3	8.636-725.0	WASHER, .344 X 1.13 X .09 SS	1.000	ST
4	8.636-137.0	ASM, TENSIONER PLATE	1.000	ST
5	8.636-121.0	SCREW, 3/8-16 X .625 SCHCS STL BLKOX	1.000	ST
6	8.636-031.0	NUT, 1/4-20 FLG NYLOCK SS	2.000	ST
7	8.635-840.0	SHAFT, LOWER STEERING 2.1"	1.000	ST
8	8.635-839.0	SHAFT, UPPER STEERING 9.1"	1.000	ST
9	8.633-395.0	BUSHING, .751 D X 1 X .625 FLG	1.000	ST
10	8.633-072.0	CHAIN TENSIONNER	1.000	ST
11	8.627-894.0	WASHER, 1/4 STL ZNPLT	2.000	ST
12	8.627-741.0	SCREW, 5/16-18 X .625 CARR SS	2.000	ST
13	8.627-433.0	SCREW, M6 X 20 HHMS ZNPLT	1.000	ST
14	8.627-290.0	RING, 3/4" KLIP	1.000	ST
15	8.627-184.0	NUT, 5/16-18 HEXTHIN NYLOCK SS	5.000	ST
16	8.627-161.0	NUT, 5/8-18 HEXTHIN NYLOCK STL GR2 ZNPLT	1.000	ST
17	8.622-879.0	BUSHING, .753 X .875 X .75 FLG	1.000	ST
18	8.622-867.0	BEARING, 3/4 FLG	1.000	ST
19	8.622-481.0	SPROCKET, DRIVE WHEEL STEERING	1.000	ST
20	8.622-480.0	SPROCKET, STEERING SHAFT	1.000	ST
21	8.622-427.0	SLEEVE, CHAIN TENSIONER	1.000	ST
22	8.621-965.0	KEY, 5MM SQ X 39MM L	1.000	ST
23	8.621-960.0	Joint bush	1.000	ST
24	8.613-597.0	KEY, 3/16 X 3/16 X .625 LCSTL	1.000	ST
25	8.601-078.0	WASHER, 1/4 SPL STL ZNPLT	1.000	ST
26	8.601-067.0	WASHER, 5/16 FLT SS	1.000	ST
27	8.600-861.0	Flanged bearing PRESS STEEL	2.000	ST
28	8.600-563.0	NUT, 3/8-16 HEXTHIN NYLOCK SS	1.000	ST
29	8.600-103.0	BEARING, 3/4 SPH BALL	1.000	ST
30	6.640-353.0	Cap steering wheel KÄRCHER	1.000	ST
31	6.435-799.0	Steering wheel	1.000	ST





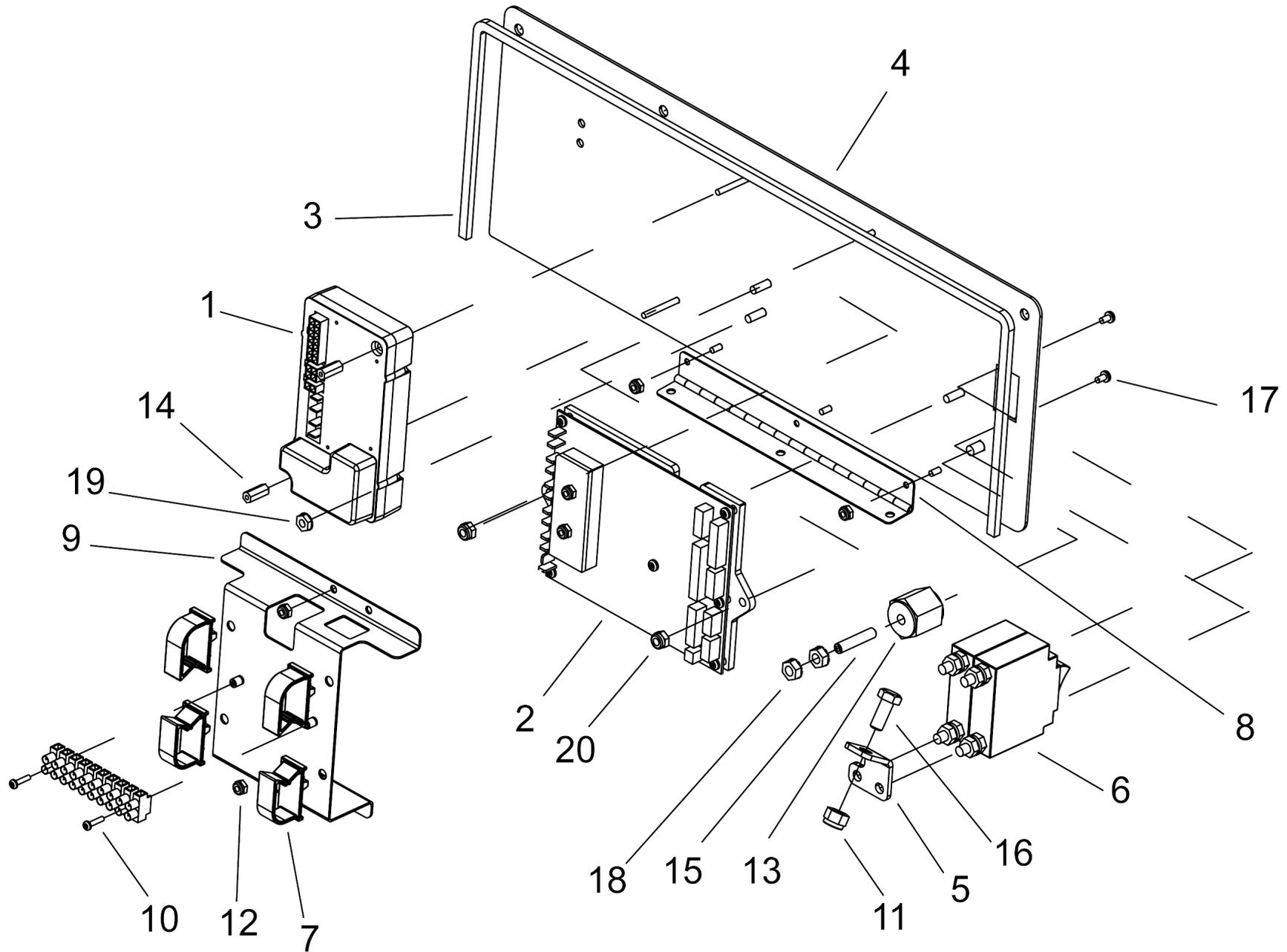


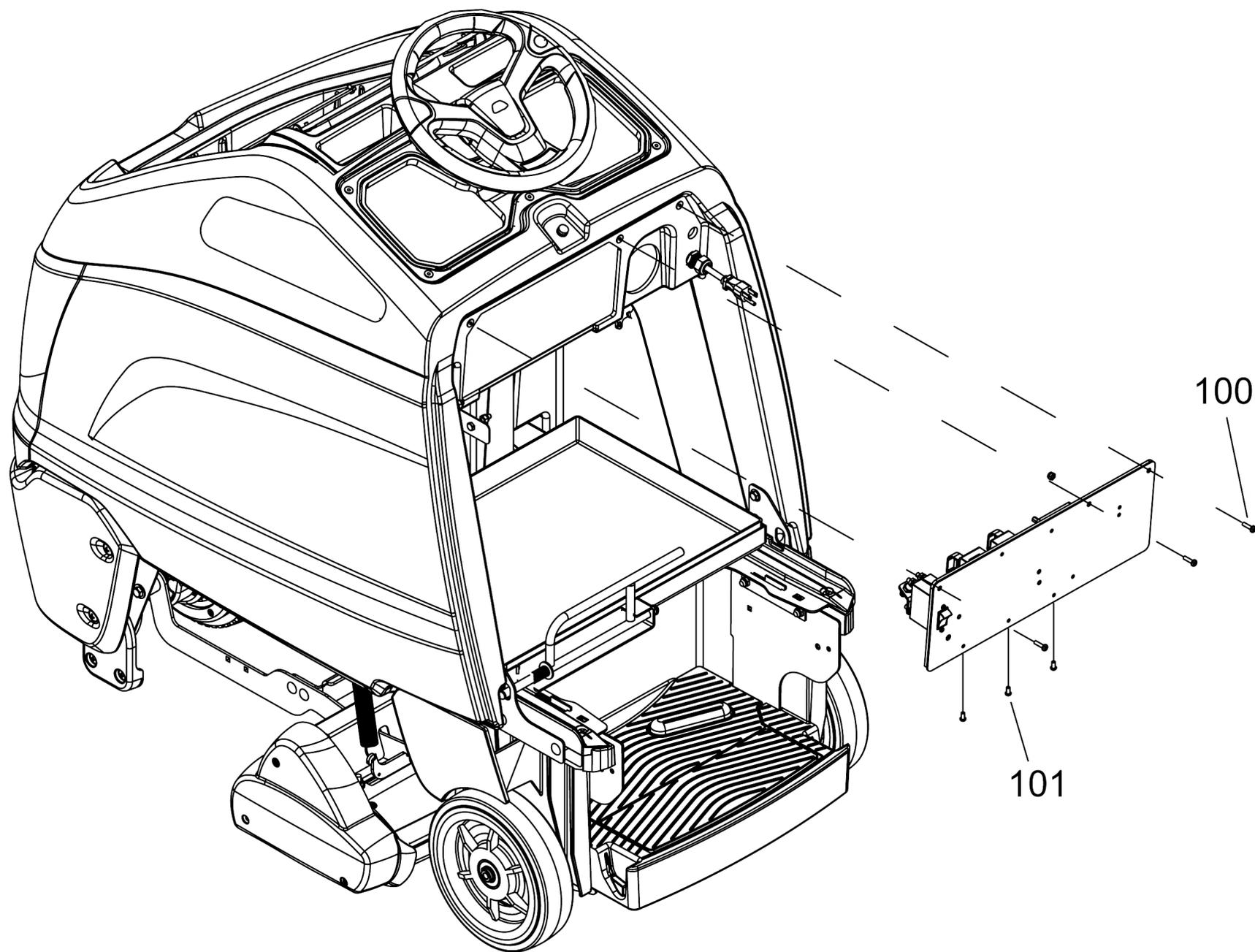
50 GRP, PLATFORM, CV86

POS	Article no.	Description	Quantity	Unit	Foot note text
1	8.639-967.0	PLATFORM, OPERATOR, BLK	1.000	ST	
2	8.633-424.0	PEDAL, HEEL, BLK	1.000	ST	
3	8.633-469.0	PEDAL, ACCELERATOR, YEL	1.000	ST	
4	8.636-117.0	PIN, DOWEL, 1/4 X 3.125 STL	1.000	ST	
5	8.627-917.0	WASHER, 10 FLT	7.000	ST	
6	8.617-298.0	SCREW, KA50 X 10 OVHCS STL WN1412 ZNPLT	10.000	ST	
7	8.625-497.0	SPRING, COMP 18MMOD X 83 X 2	3.000	ST	
8	7.303-104.0	Screw 5x16 -A2-70 (IN6RD)	4.000	ST	
9	8.619-844.0	CLAMP, 1/4 PLASTIC CABLE	6.000	ST	
10	8.626-493.0	CABLE TIE, 3.5" UL/CSA	3.000	ST	
11	8.636-106.0	BRKT, POT. ACCEL PEDAL	1.000	ST	
12	8.631-156.0	POTENTIOMETER ASM, LINEAR	1.000	ST	
13	8.600-581.0	NUT, 1/4-20 HEX NYLOCK SS	2.000	ST	
14	8.600-701.0	SCREW, 1/4-20 X 3.25 HHCS STL GR5 ZNPLT	2.000	ST	
15	8.632-791.0	SCREW, KA50 X 25 PTOVHS STL WN1412 ZNPLT	4.000	ST	
16	8.600-711.0	Switch 25A SPST 125-250V SNAP	1.000	ST	
17	8.636-116.0	PLATE, SWITCH COVER	1.000	ST	
18	8.626-494.0	Cable tie 11.38" UL/CSA	1.000	ST	
19	8.640-868.0	STATIC STRAP, .25T X 1.12W	1.000	ST	
20	8.600-683.0	SCREW, 10-32 X 1 PHPNHMS STL ZNPLT	2.000	ST	
21	8.601-065.0	WASHER, .203 X .562 X .040 FLT	2.000	ST	
22	8.627-099.0	NUT, 10-32 HEX NYLOCK SS	2.000	ST	
100	8.636-113.0	PLATE, PLATFORM SUPPORT	2.000	ST	
101	8.627-184.0	NUT, 5/16-18 HEXTHIN NYLOCK SS	4.000	ST	
102	8.636-114.0	SPACER, 1.50 X .625OD X .065" WALL	4.000	ST	
103	8.640-892.0	PLATFORM, OPERATOR, MACHINED	1.000	ST	
104	8.636-112.0	COLLAR, SHFT 1"ID X 1-5/8"OD X 5/8"	1.000	ST	
105	8.635-799.0	AXLE, REAR	1.000	ST	
106	8.600-871.0	WASHER, 3/4 HVYSPL	2.000	ST	
107	8.632-259.0	WHEEL, 10X2.5 W/BRNGS, GRY, NT	2.000	ST	
108	8.633-552.0	Wheel 10x 2.5	2.000	ST	
109	8.632-649.0	SCREW, 5/16-18 X 3 CARR SS	4.000	ST	
110	8.636-115.0	PLATE, TANK SUPPORT	2.000	ST	

50 GRP, PLATFORM, CV86

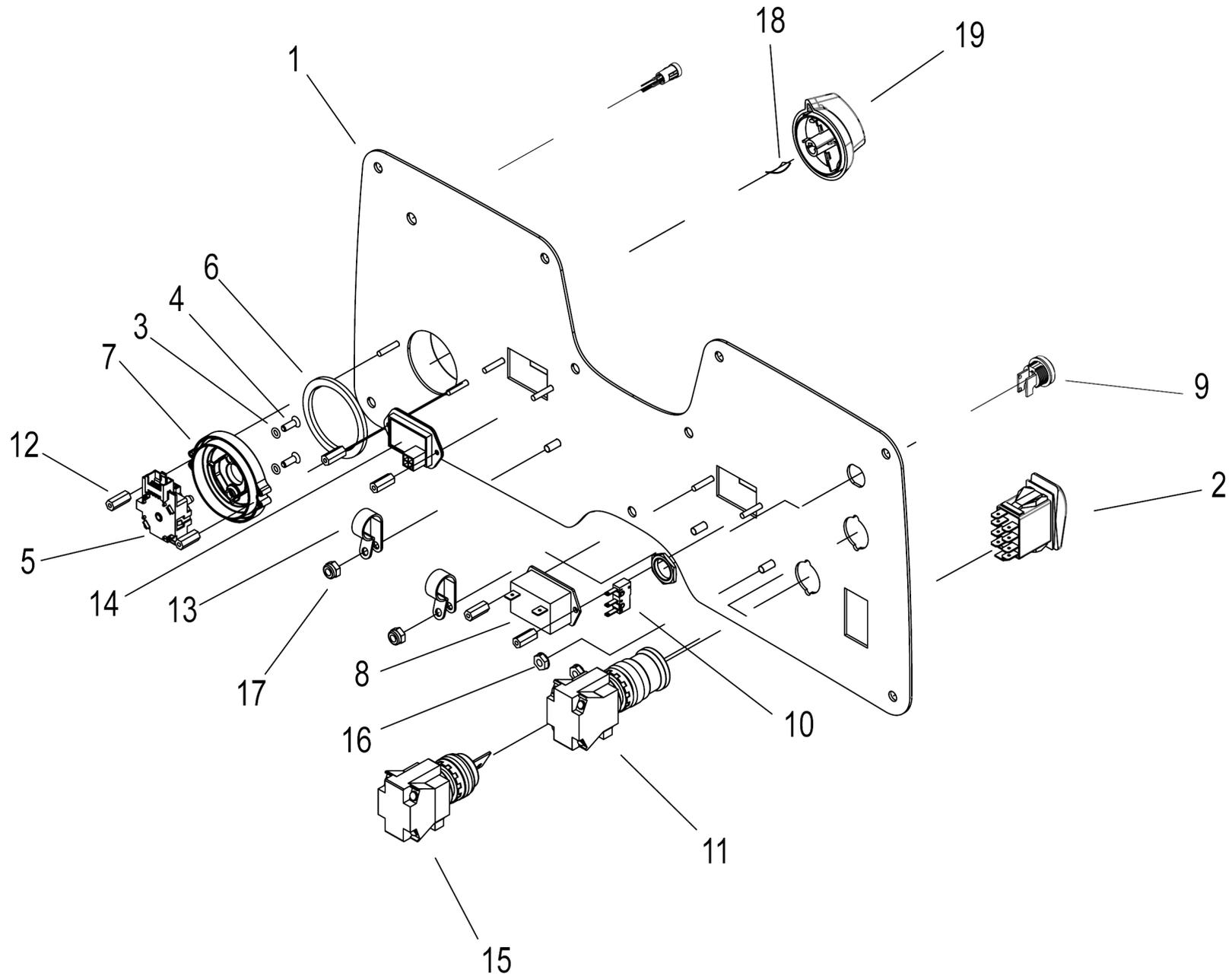
POS	Article no.	Description	Quantity	Unit	Foot note text
111	8.622-432.0	SPACER, .63 OD X .385ID X .64L	4.000	ST	
112	8.623-213.0	Cap 2.75 ID X 1.0 L BLK VINYL	2.000	ST	OPTION
113	8.636-002.0	PLATE, BATTERY STOP	2.000	ST	
200	8.627-762.0	SCREW, 8-32 X .5 HHCS SS	2.000	ST	
201	8.616-180.0	LATCH & CONCEALED KEEPER	1.000	ST	
202	8.639-996.0	PANEL, REAR COVER, BLK	1.000	ST	
203	8.627-202.0	NUT, 8-32 HEXTHIN NYLOCK SS	2.000	ST	

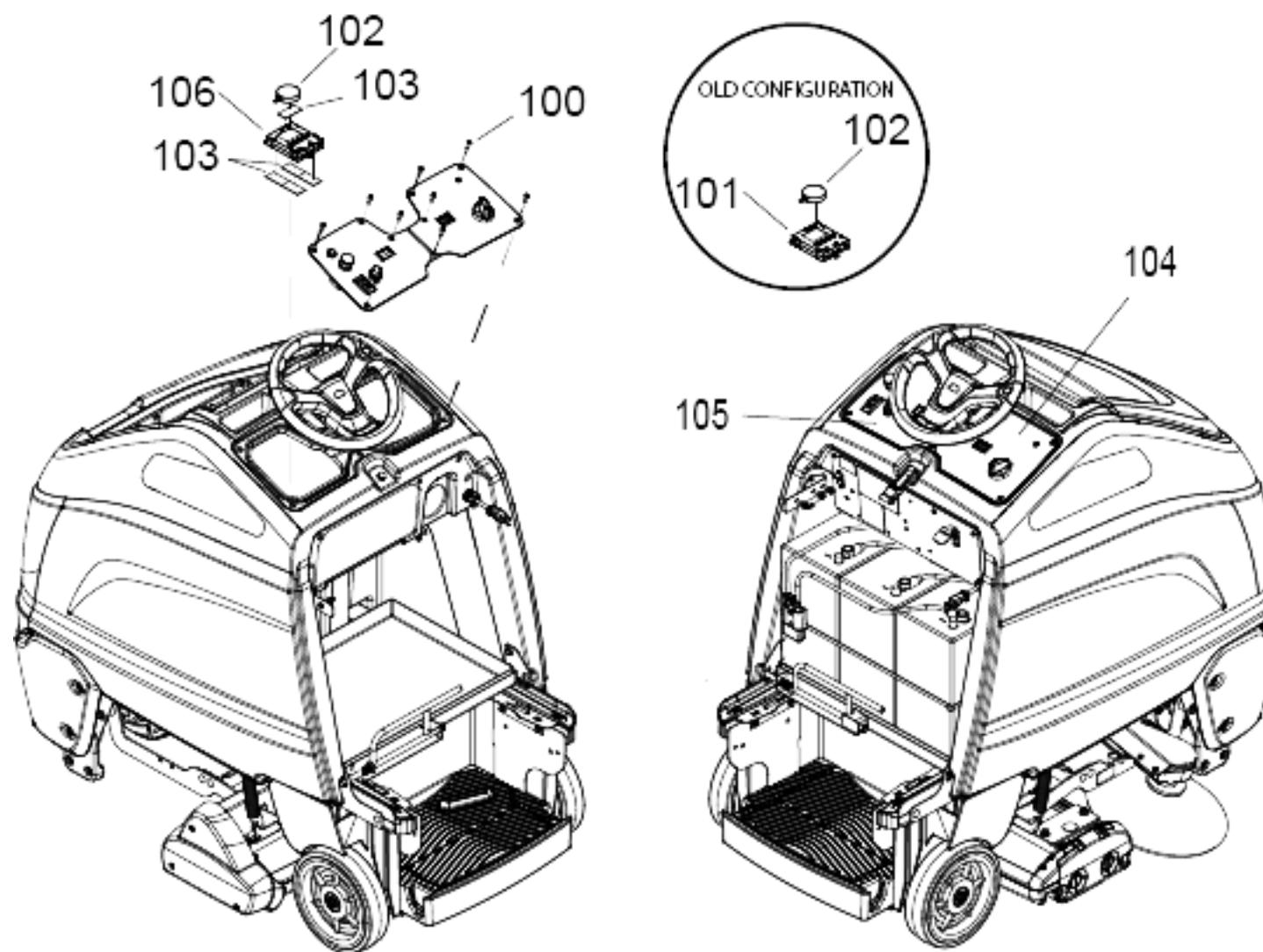




60 GRP, CONTROL LOWER, CV86

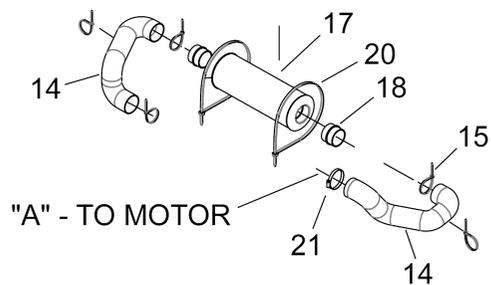
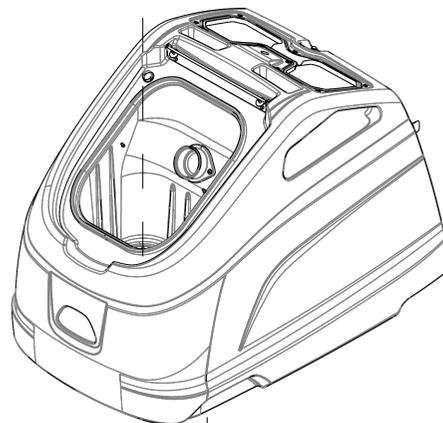
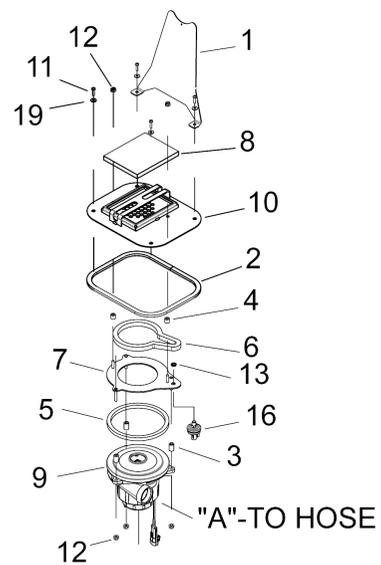
POS	Article no.	Description	Quantity	Unit
1	8.640-976.0	CONTROLLER, I-DRIVE, CV34	1.000	ST
2	8.642-354.0	KIT, PCB REPLACEMENT, CV86 TELEMATICS	1.000	ST
3	8.640-867.0	GASKET, .188 X .25 X 30.0	1.000	ST
4	8.640-366.0	PANEL, LOWER CONTROL, CV34	1.000	ST
5	8.636-948.0	BRKT, CABLE ATTACHMENT	1.000	ST
6	8.636-902.0	BREAKER, 60 AMP 2-POLE	1.000	ST
7	8.636-152.0	CLIP, CABLE ENTRY	4.000	ST
8	8.636-142.0	HINGE, PANEL	1.000	ST
9	8.636-088.0	COVER, CONTROL BOARD	1.000	ST
10	8.627-526.0	SCREW, 4-40 X .5 PHPNHMS STL ZNPLT	2.000	ST
11	8.627-191.0	Nut 5/16-18 FLEX LK STL GRA ZNPLT	1.000	ST
12	8.627-092.0	NUT, 6-32 HEX NYLOCK SS	4.000	ST
13	8.625-591.0	STANDOFF, 1/4-20 X 1.0 HEX INS	1.000	ST
14	8.625-590.0	STANDOFF, 6-32 X 5/8 HEX NYL	2.000	ST
15	8.600-685.0	SCREW, 1/4-20 X 1.25 SCHSET CP SS	1.000	ST
16	8.600-676.0	SCREW, 5/16-18 X .75 HHCS	1.000	ST
17	8.600-662.0	SCREW, 6-32 X .25 PHPNHMS SS	2.000	ST
18	8.600-571.0	NUT, 1/4-20 HEXSTRW LK STL ZNPLT	2.000	ST
19	8.600-570.0	NUT, 10-32 HEXSTRW LK STL ZNPLT	1.000	ST
20	8.600-564.0	NUT, 10-32 HEX NYLOCK STL GR2 ZNPLT	2.000	ST
100	8.637-141.0	SCREW, 10-32 X .75 TMS SS BLK	3.000	ST
101	8.617-298.0	SCREW, KA50 X 10 OVHCS STL WN1412 ZNPLT	3.000	ST





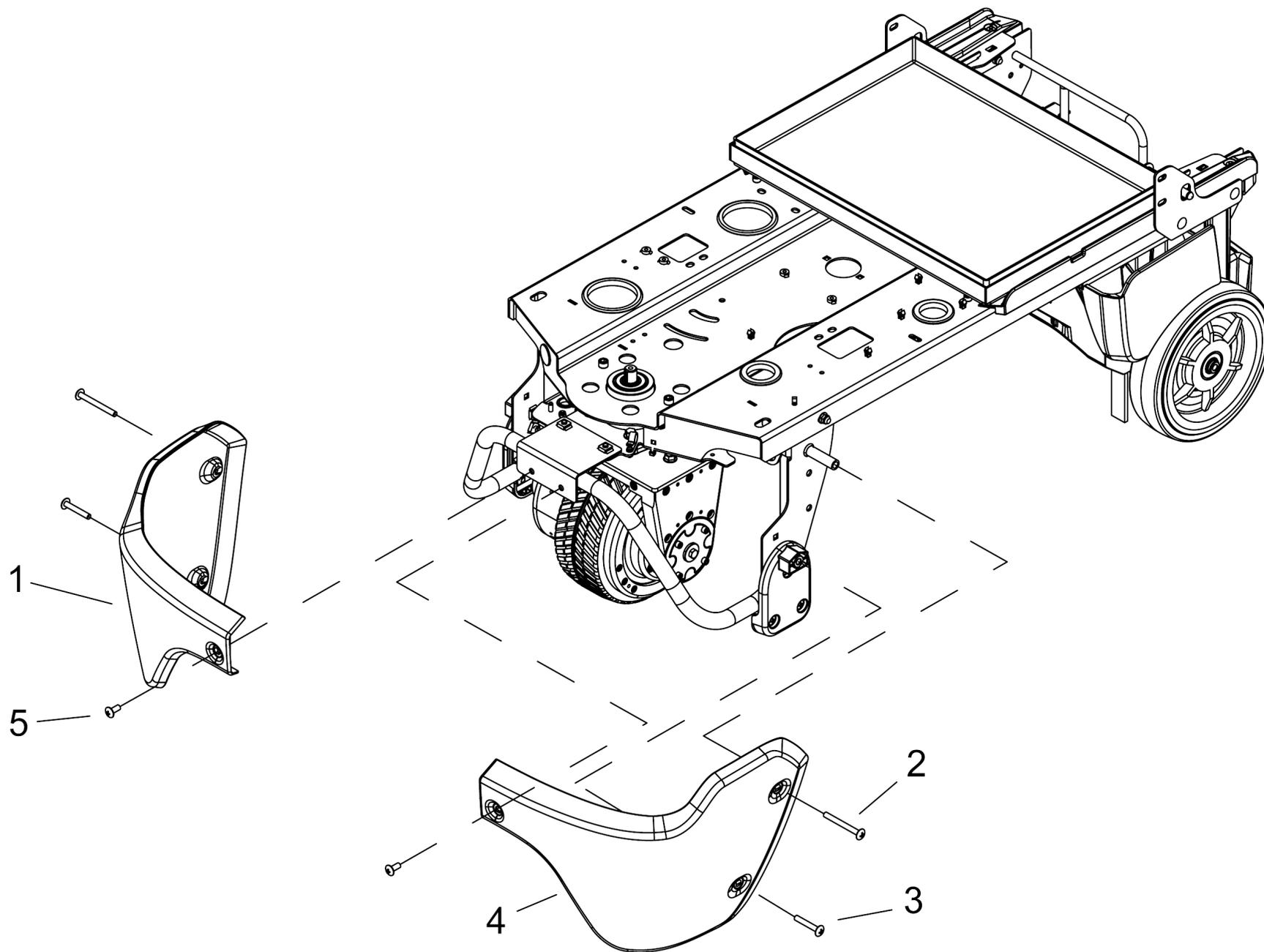
70 GRP, CONTROL UPPER, CV86

POS	Article no.	Description	Quantity	Unit	Remark
1	8.640-367.0	PANEL, UPPER CONTROL, CV34	1.000	ST	
2	8.636-259.0	SWITCH, SPDT 3 POSN MON, ARROW	1.000	ST	
3	8.635-844.0	O-RING, 4MM ID, 1.5MM THK, BUNA-N	2.000	ST	
4	8.635-843.0	SCREW, M4 X 12 FLHMS SS ISO7046 NP	2.000	ST	
5	8.635-487.0	SWITCH, ROTARY	1.000	ST	
6	8.635-481.0	GASKET, ROTARY SWITCH	1.000	ST	
7	8.635-456.0	BEZEL, ROTARY SWITCH	1.000	ST	
8	8.631-547.0	METER, HOUR ICD	1.000	ST	
9	8.629-520.0	ASM, BUTTON, BLACK, W/BEZEL	1.000	ST	
10	8.629-278.0	SWITCH, MICRO	1.000	ST	
11	8.629-259.0	SWITCH, E-STOP AKW CHARIOT	1.000	ST	
12	8.625-590.0	STANDOFF, 6-32 X 5/8 HEX NYL	6.000	ST	
13	8.619-846.0	CLAMP, 5/8 NYLON UL/CSA	2.000	ST	
14	8.601-267.0	METER, BATTERY, PG TRUE CHARGE	1.000	ST	
15	8.600-719.0	Switch KEY DPST	1.000	ST	
16	8.600-570.0	NUT, 10-32 HEXSTRW LK STL ZNPLT	1.000	ST	
17	8.600-564.0	NUT, 10-32 HEX NYLOCK STL GR2 ZNPLT	2.000	ST	
18	6.313-014.0	Spring element	1.000	ST	
19	5.321-738.0	Handhold operational concept	1.000	ST	
100	8.637-141.0	SCREW, 10-32 X .75 TMS SS BLK	9.000	ST	
101	4.683-027.0	Fleet management module WLAN + Glonass	1.000	ST	MOUNTED ON HOUSING WALL. NOT INCLUDED WITH 1.012-600.0
102	6.682-017.0	Antenna Fleetmanagement-Modul 0,5m	1.000	ST	NOT INCLUDED WITH 1.012-600.0
103	8.641-594.0	TAPE, 1/32" T X 1" W X 2" L 2SA	5.000	ST	NOT INCLUDED WITH 1.012-600.0
104	8.640-920.0	LABEL, IVAC-34, CONTROL, RIGHT	1.000	ST	
105	8.639-541.0	LABEL, CS26, CONTROL, LEFT	1.000	ST	
106	4.683-210.0	TCU V1,5 FC NA	1.000	ST	



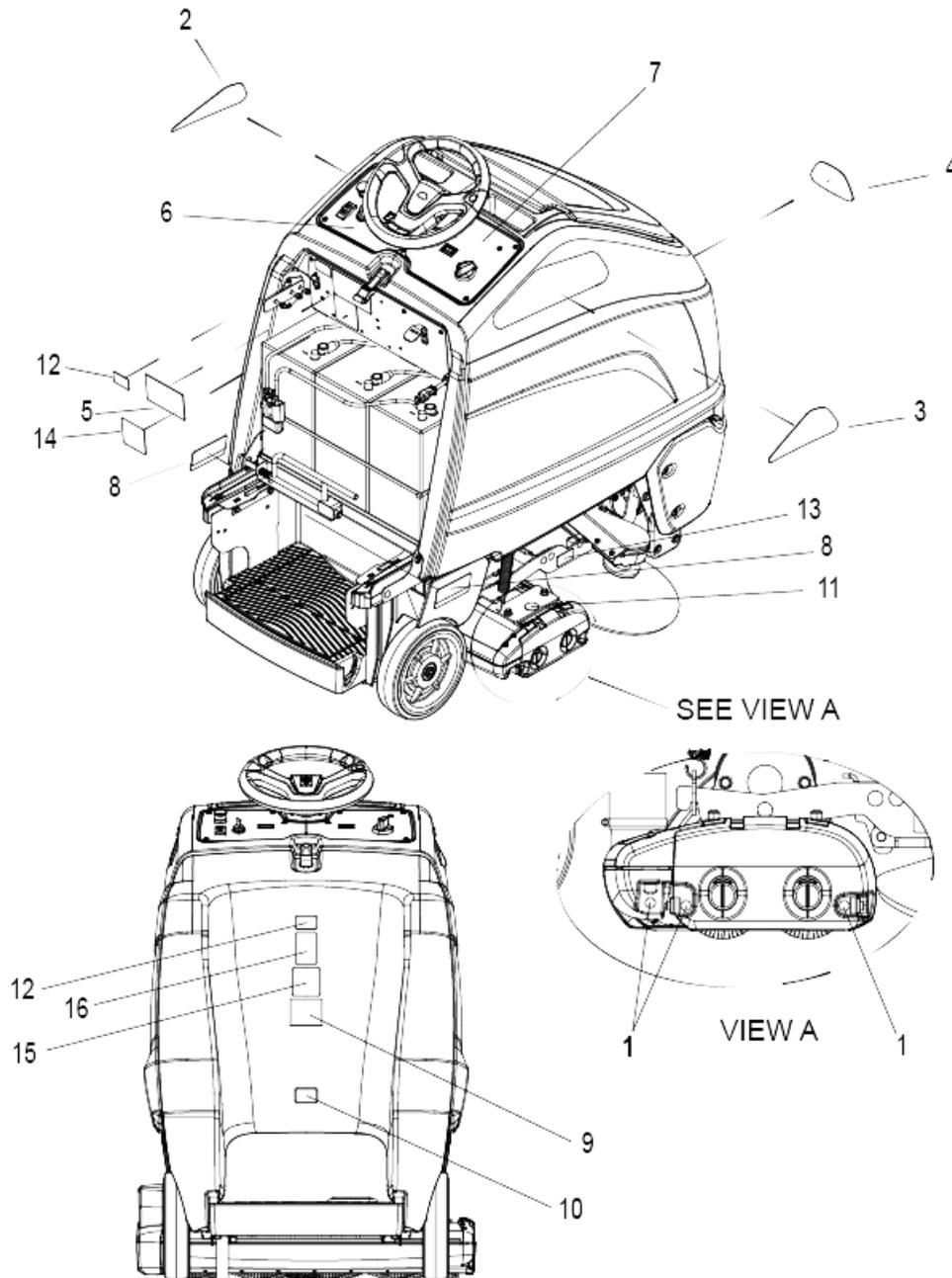
80 GRP, VACUUM, CV86

POS	Article no.	Description	Quantity	Unit
1	8.641-435.0	BRKT, BAG SUPPORT	1.000	ST
2	8.640-936.0	GASKET, .25 X .50 X 35.0	1.000	ST
3	8.640-898.0	SPACER, .255 X .750 X .500, NYL	3.000	ST
4	8.640-897.0	SPACER, .255 X .437 X .500, NYL	2.000	ST
5	8.640-875.0	GASKET, 5.80 X 6.60 X .38	1.000	ST
6	8.640-874.0	GASKET, VACUUM CHAMBER	1.000	ST
7	8.640-872.0	PLATE, VACUUM MOUNT	1.000	ST
8	8.640-871.0	FILTER, VACUUM INTAKE	1.000	ST
9	8.640-870.0	VAC MOTOR ASM, 36VDC 1-STAGE	1.000	ST
10	8.640-869.0	MOUNT, VACUUM MOTOR	1.000	ST
11	8.640-858.0	Screw 10-32 X 1 TPNHMS SS BLK ZNPLT	4.000	ST
12	8.636-031.0	NUT, 1/4-20 FLG NYLOCK SS	5.000	ST
13	8.634-653.0	NUT, 1/8-27 THIN BRS NKLPLT	1.000	ST
14	8.628-103.0	HOSE, 2.0 VAC EXHAUST X 19"	2.000	ST
15	8.626-494.0	Cable tie 11.38" UL/CSA	5.000	ST
16	8.625-716.0	SWITCH VACUUM 15" H20 NC/NO	1.000	ST
17	8.624-766.0	MUFFLER, SOUND	1.000	ST
18	8.623-619.0	FITTING, MUFFLER ADAPTER	2.000	ST
19	8.617-333.0	WASHER, M5 SS ISO7093	4.000	ST
20	8.600-283.0	Cable tie .375 X 24.7	2.000	ST
21	8.600-238.0	Clamp 2.25" WORM GEAR	1.000	ST



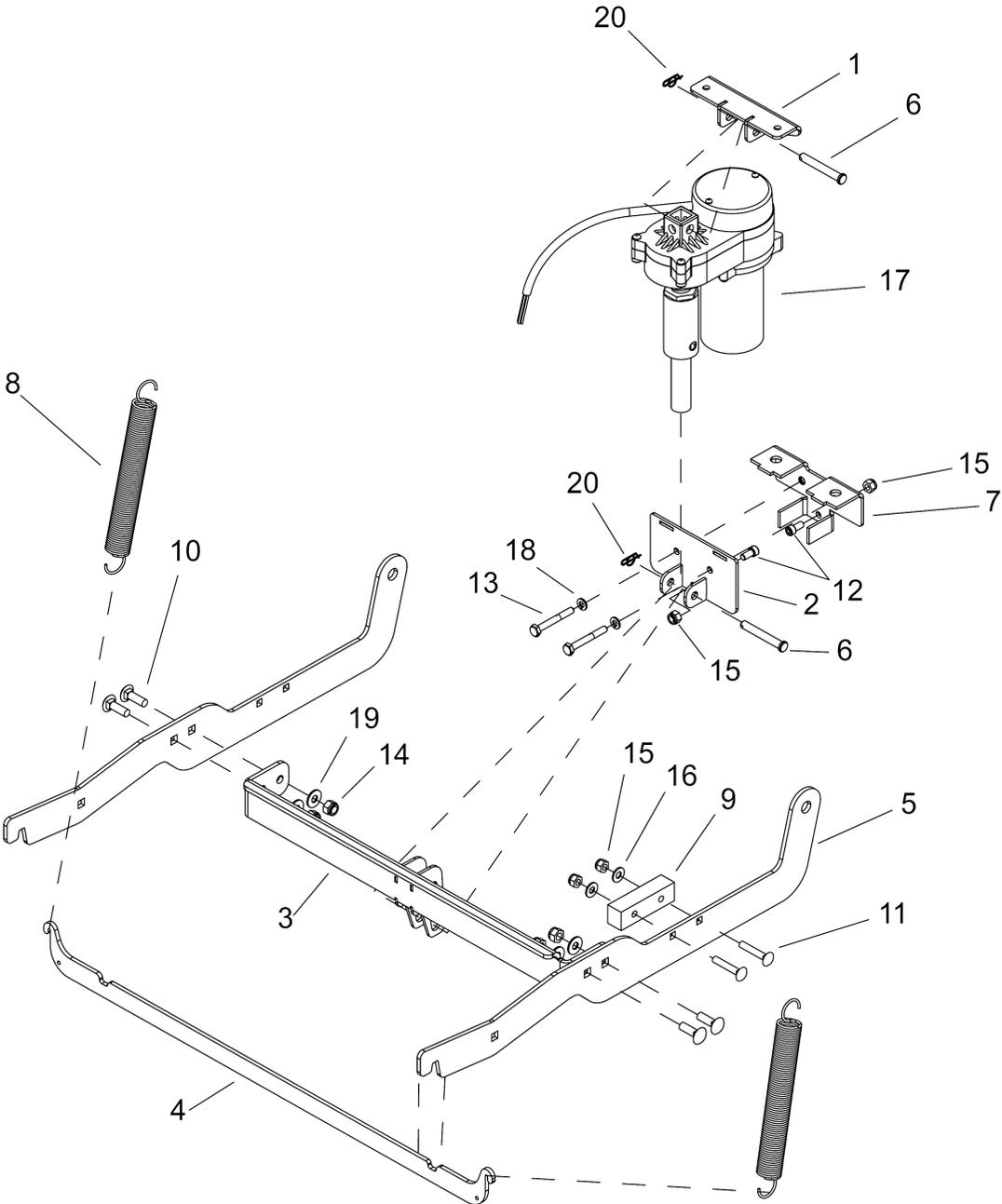
90 GRP, BUMPER BLK, CV86

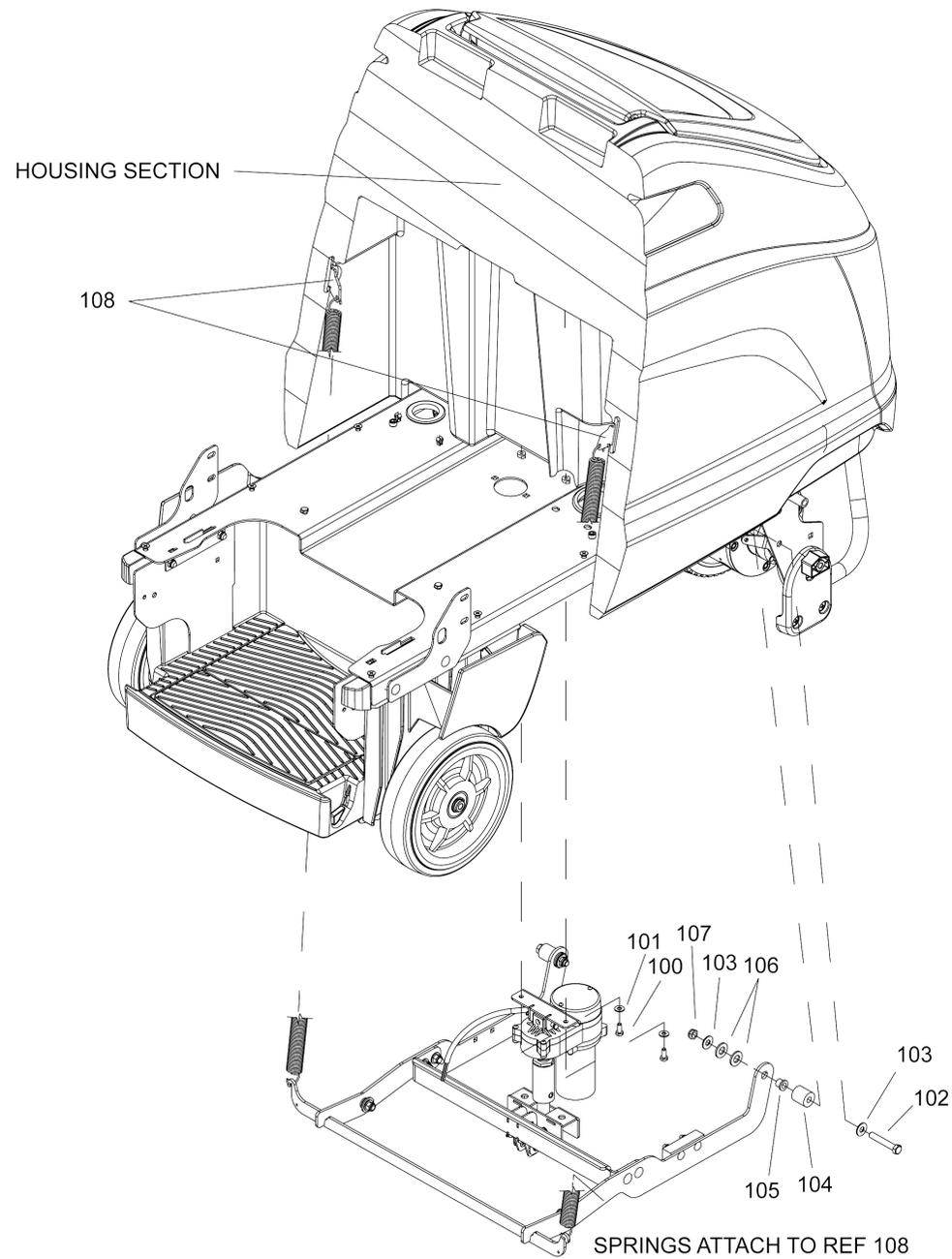
POS	Article no.	Description	Quantity	Unit
1	8.639-964.0	BUMPER, RIGHT, BLK	1.000	ST
2	8.636-196.0	SCREW, 5/16-18 X 3 PHTRHMS SS	2.000	ST
3	8.636-195.0	SCREW, 5/16-18 X 2 PHTRHMS SS	2.000	ST
4	8.635-899.0	BUMPER, LEFT, BLACK	1.000	ST
5	8.627-689.0	SCREW, 5/16-18 X .75 PHTRHMS SS	2.000	ST

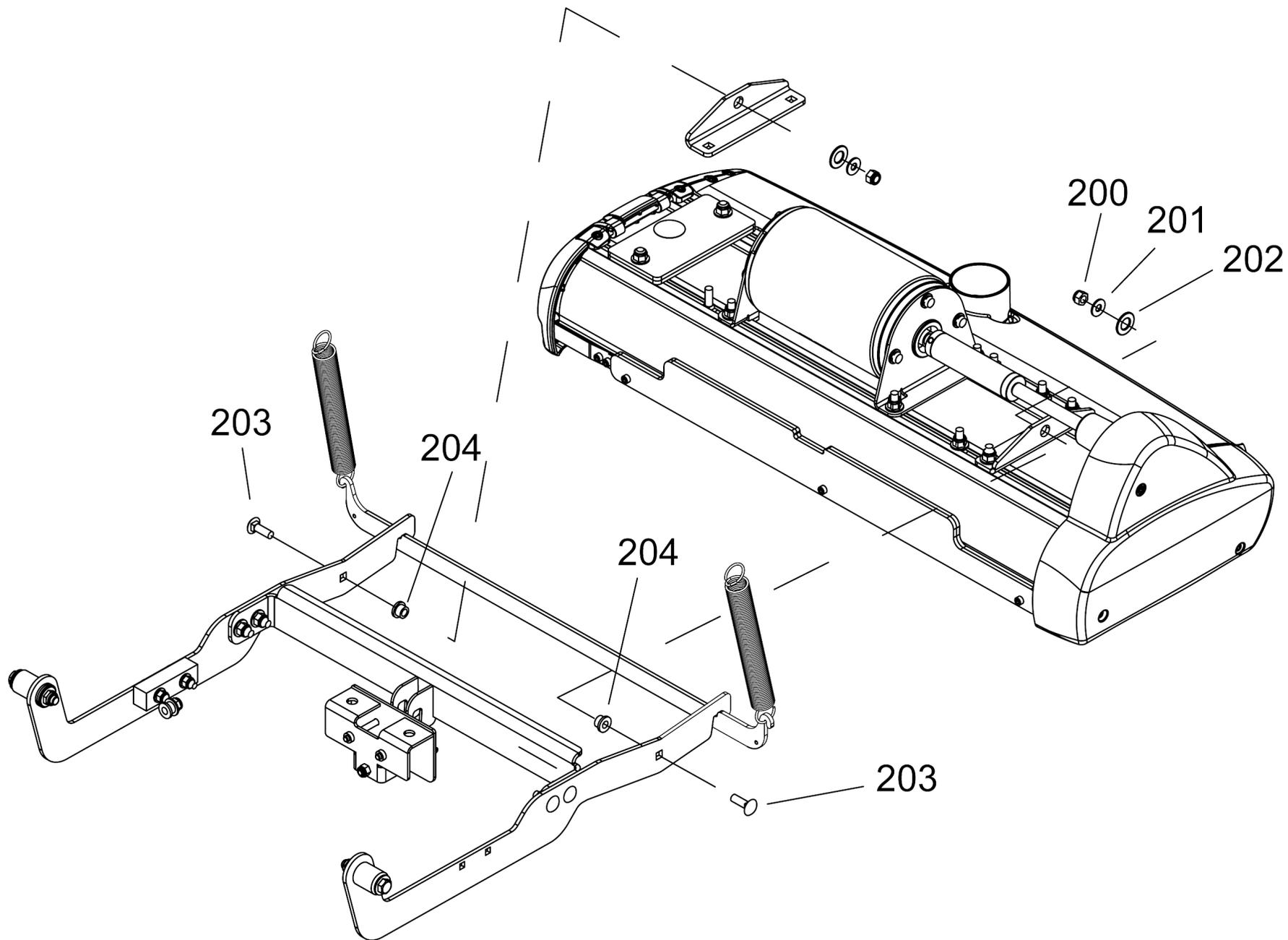


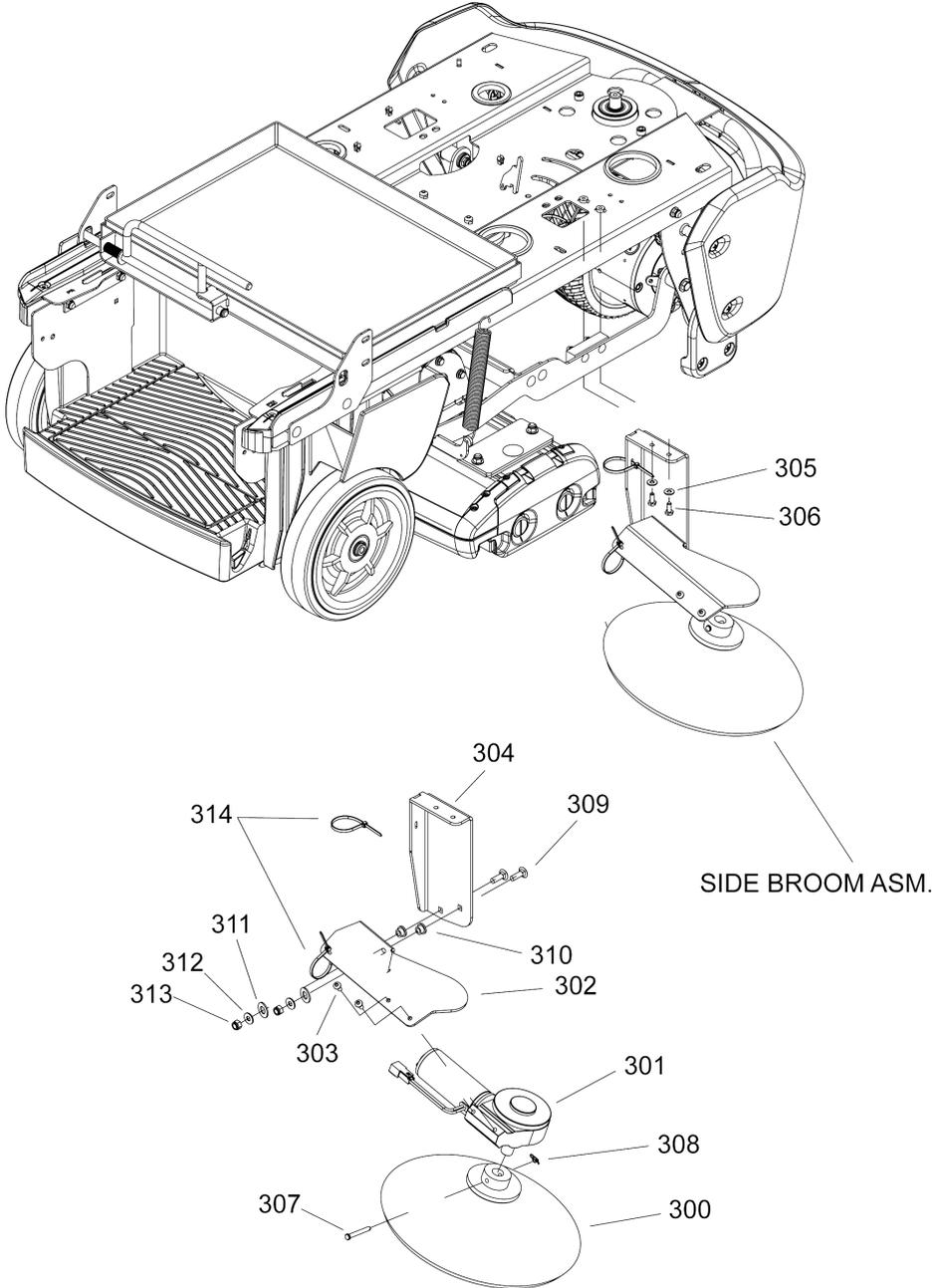
100 GROUP, LABEL CV86 (0.250-110.0)

POS	Article no.	Description	Quantity	Unit	Remark
1	8.640-921.0	LABEL, YELLOW MAINTENANCE	3.000	ST	
2	8.640-919.0	LABEL, IVAC-34, SIDE, LEFT	1.000	ST	
3	8.640-918.0	LABEL, IVAC-34, SIDE, RIGHT	1.000	ST	
4	8.639-540.0	LABEL, WINDSOR LOGO DOMED	1.000	ST	
5	8.636-294.0	LABEL, BATTERY CABLING	1.000	ST	EXCEPT CV86LI
5	8.642-863.0	LABEL, WARNING, LITHIUM	1.000	ST	CV86LI ONLY
6	8.639-541.0	LABEL, CS26, CONTROL, LEFT	1.000	ST	
7	8.640-920.0	LABEL, IVAC-34, CONTROL, RIGHT	1.000	ST	
8	8.633-486.0	LABEL, HEPA FILTRATION	2.000	ST	
9	8.641-535.0	LABEL, CRI, BRONZE	1.000	ST	
10	8.624-431.0	LABEL, CAUTION	1.000	ST	
11	8.633-501.0	LABEL, HANDS CLEAR ICON, RND	1.000	ST	
12	8.639-296.0	LABEL, OBC CAUTION	2.000	ST	
13	8.624-383.0	LABEL, PINCH HAZARD	2.000	ST	
14	8.625-252.0	SAFETY DECAL, BATTERY CAUTION	1.000	ST	EXCEPT CV86LI
15	8.624-430.0	LABEL WARNING EXPLOSION HAZ´D	1.000	ST	
16	8.643-128.0	Label QR code CV 86/1 RS Bp	1.000	ST	







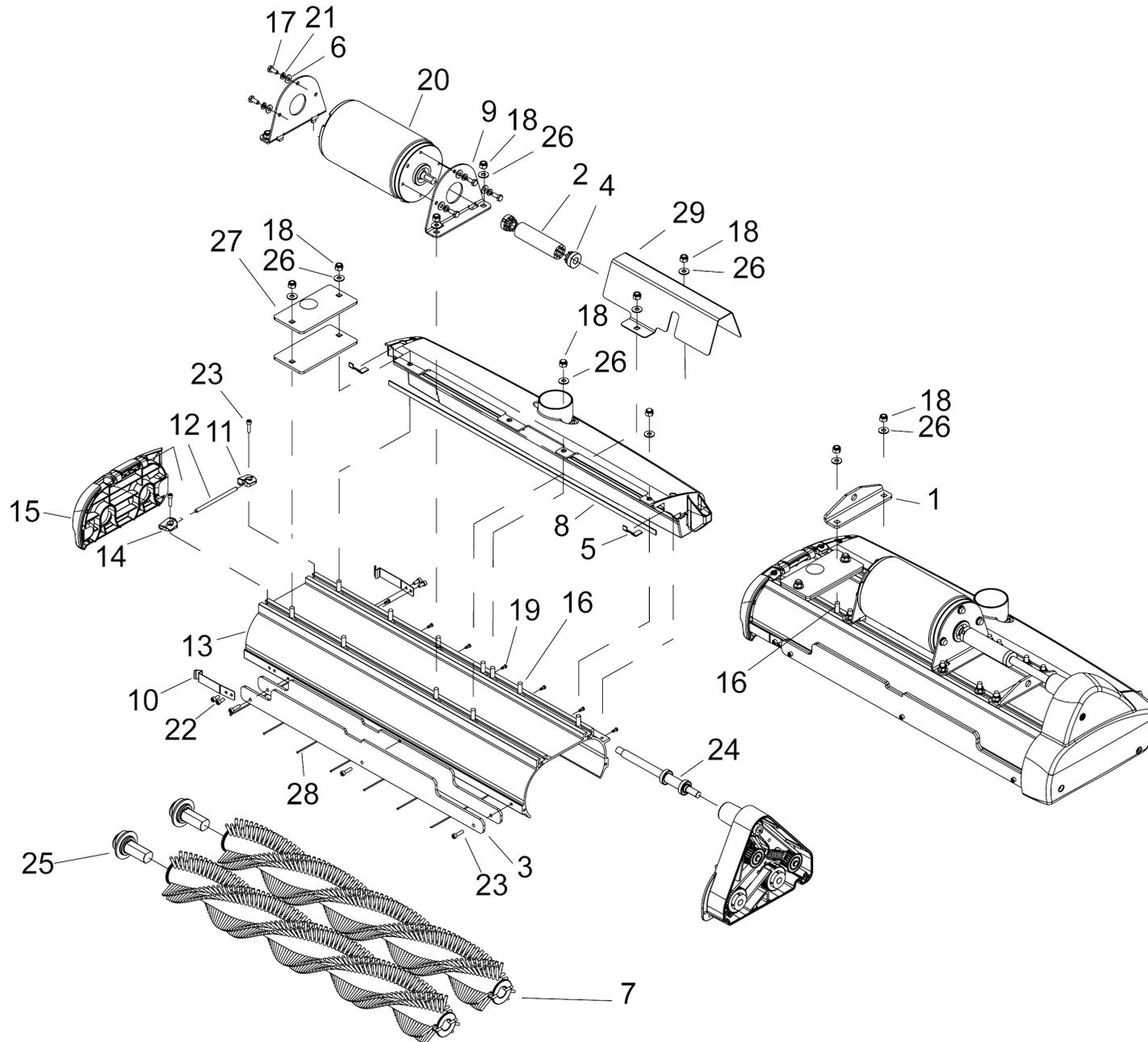


110 GRP, DECK LIFT, CV86

POS	Article no.	Description	Quantity	Unit
1	8.640-439.0	BRACKET, MOUNT, ACTUATOR	1.000	ST
2	8.640-436.0	MOUNT, ACTUATOR	1.000	ST
3	8.640-433.0	BRACKET, CROSSBAR, DECK	1.000	ST
4	8.640-431.0	PLATE, LIFT, SPRING	1.000	ST
5	8.640-427.0	PLATE, DECK ARM	2.000	ST
6	8.636-544.0	PIN, CLEVIS 5/16 X 2.25 STL ZNPLT	2.000	ST
7	8.636-172.0	BRKT, ACT SPGS, DECK, CS26	1.000	ST
8	8.634-600.0	Extension spring 1.0 OD X 8.5L	2.000	ST
9	8.634-463.0	BLOCK, MOTOR LIFTER	1.000	ST
10	8.627-713.0	SCREW, 5/16-18 X 1 CARR SS	4.000	ST
11	8.627-713.0	SCREW, 5/16-18 X 1 CARR SS	4.000	ST
12	8.627-700.0	SCREW, 1/4-20 X 1.5 CARR SS	2.000	ST
13	8.627-411.0	SCREW, 1/4-20 X .5 SCHCS SS	2.000	ST
14	8.627-385.0	SCREW, 1/4-20 X 2 HHCS SS	2.000	ST
15	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	4.000	ST
16	8.600-581.0	NUT, 1/4-20 HEX NYLOCK SS	4.000	ST
17	8.601-063.0	WASHER, 1/4 SS	2.000	ST
18	8.601-195.0	Actuator, 36vdc 3.5 Strk	1.000	ST
19	8.601-078.0	WASHER, 1/4 SPL STL ZNPLT	2.000	ST
20	8.601-067.0	WASHER, 5/16 FLT SS	4.000	ST
100	8.627-375.0	SCREW, 1/4-20 X .625 HHCS SS NP	2.000	ST
101	8.601-063.0	WASHER, 1/4 SS	2.000	ST
102	8.627-647.0	SCREW, 3/8-16 X 2.25 HHCS SS	2.000	ST
103	8.627-891.0	WASHER, 3/8 SS	4.000	ST
104	8.622-438.0	SPACER, 1 OD X .391 ID X 1.063	2.000	ST
105	8.622-900.0	BUSHING, .377 X .502 X .5 FLG	2.000	ST
106	8.625-942.0	WASHER, .510 X 1 THR	4.000	ST
107	8.600-563.0	NUT, 3/8-16 HEXTHIN NYLOCK SS	2.000	ST
108	8.635-457.0	BRACKET, SPRING, UPPER	2.000	ST
200	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	2.000	ST
201	8.601-067.0	WASHER, 5/16 FLT SS	2.000	ST
202	8.625-941.0	WASHER, .51 X 10 X .063 THR	2.000	ST
203	8.627-713.0	SCREW, 5/16-18 X 1 CARR SS	2.000	ST

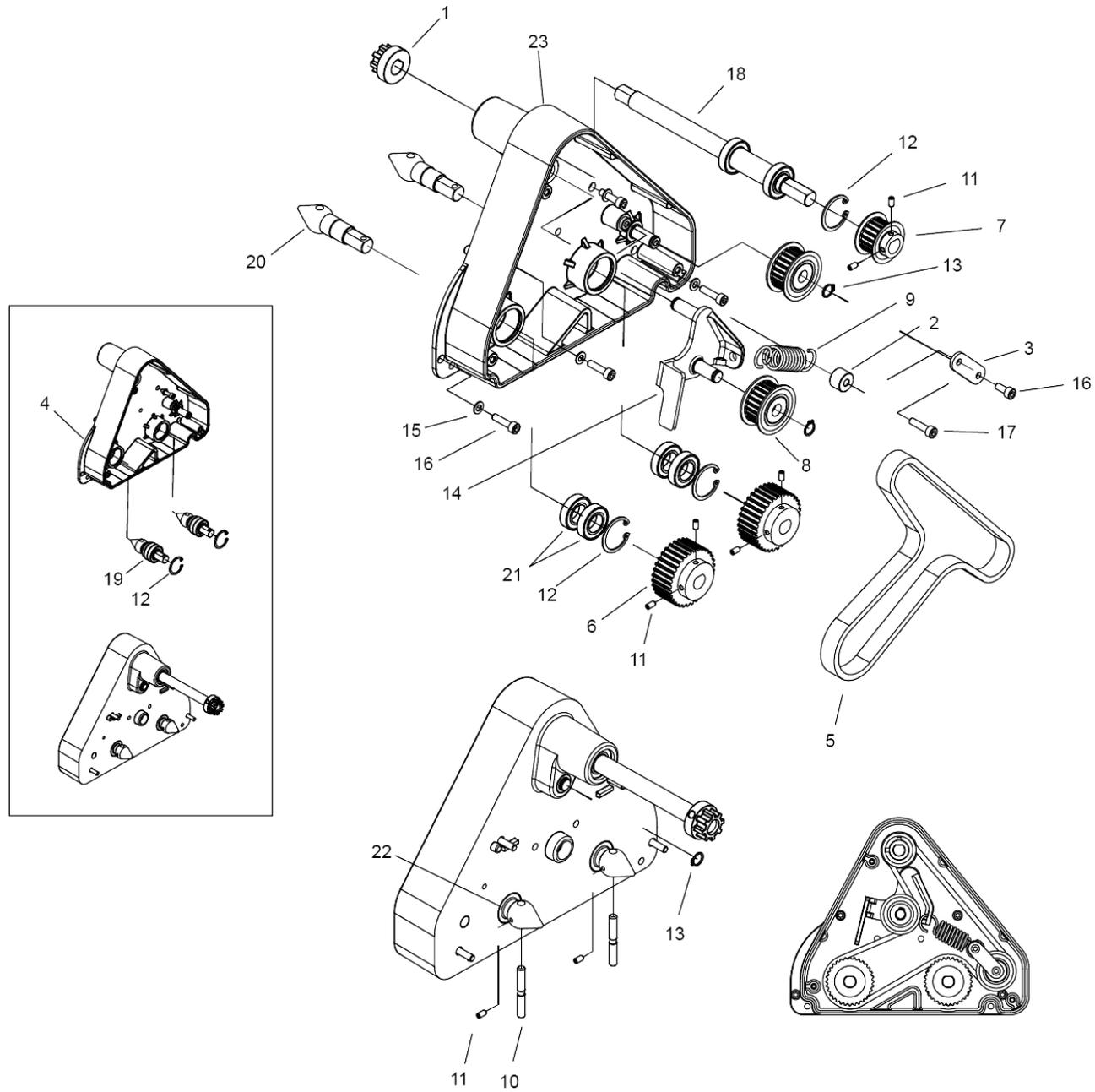
110 GRP, DECK LIFT, CV86

POS	Article no.	Description	Quantity	Unit
204	8.622-899.0	BUSHING, .314 X .502 X .375 FLG BRZ	2.000	ST
300	8.640-467.0	BRUSH, 13 IN, NYLON, BLK	1.000	ST
301	8.632-247.0	MOTOR, 36VDC, 90 DEG. 1/16 HP	1.000	ST
302	8.640-432.0	BRACKET, MOUNT, SIDE BROOM	1.000	ST
303	8.641-199.0	SCREW, M6X1.0 X 16 TBTNHMS STL BLK ZNPLT	2.000	ST
304	8.640-599.0	BRACKET, SUPPORT, SIDE BRM	1.000	ST
305	8.601-063.0	WASHER, 1/4 SS	2.000	ST
306	8.627-375.0	SCREW, 1/4-20 X .625 HHCS SS NP	2.000	ST
307	8.632-804.0	PIN, CLEVIS 1/4 X 2 STL ZNPLT	1.000	ST
308	8.600-865.0	PIN, COTTER RING 1/4 X .041 X .844	1.000	ST
309	8.627-713.0	SCREW, 5/16-18 X 1 CARR SS	2.000	ST
310	8.622-899.0	BUSHING, .314 X .502 X .375 FLG BRZ	2.000	ST
311	8.627-938.0	WASHER, .518 X 1 X .08 NYL FLT	2.000	ST
312	8.601-067.0	WASHER, 5/16 FLT SS	2.000	ST
313	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	2.000	ST
314	8.626-494.0	Cable tie 11.38" UL/CSA	2.000	ST



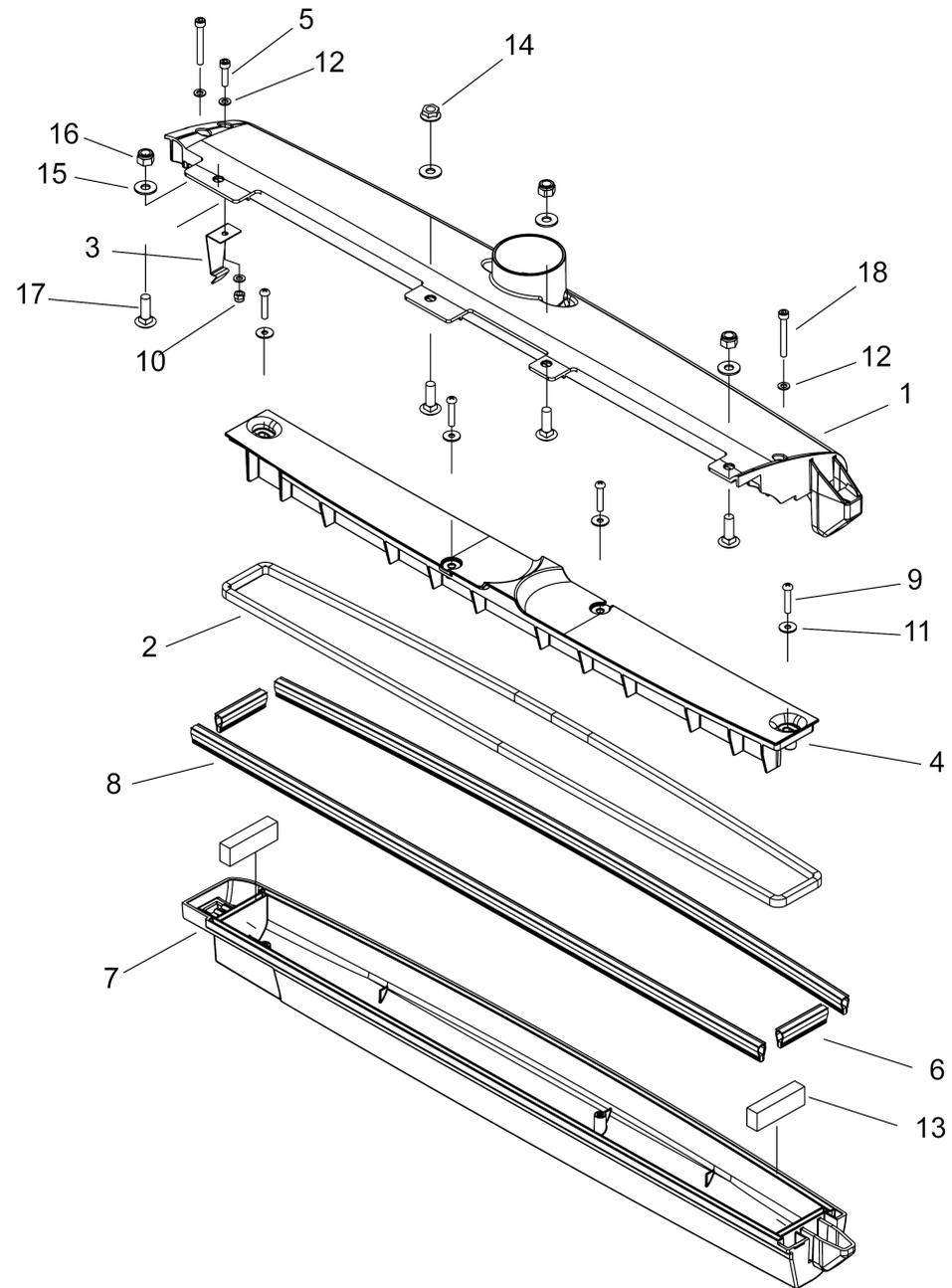
120 GRP, BRUSH DECK, CV86

POS	Article no.	Description	Quantity	Unit
1	8.634-131.0	BRKT, BRUSH DECK PIVOT	2.000	ST
2	8.637-048.0	SLEEVE, 17SH 4.09", HYTREL, GRN	1.000	ST
3	8.641-430.0	PLATE, COUNTERBALANCE	2.000	ST
4	8.637-047.0	HUB, COUPLING, 18ES 1/2" D-BORE	2.000	ST
5	8.634-319.0	GSKT, 1.6THK X 9.5W X 60L	2.000	ST
6	8.601-063.0	WASHER, 1/4 SS	6.000	ST
7	8.634-059.0	BRUSH, VACUUM, 4"OD, 28L	2.000	ST
8	8.634-058.0	GSKT, 1.6THK X 9.5W X 697L	1.000	ST
9	8.634-049.0	BRKT, MOTOR MOUNT	2.000	ST
10	8.634-048.0	CLIP, DOOR SPRING	2.000	ST
11	8.633-998.0	CAP, BRUSH DOOR HINGE, REAR	1.000	ST
12	8.633-979.0	PIN, DOWEL M6 X 106 SS	1.000	ST
13	8.637-490.0	EXTRUSION, DUAL 4" BRUSH, 28"	1.000	ST
14	8.633-959.0	CAP, BRUSH DOOR HINGE, FRONT	1.000	ST
15	8.633-958.0	DOOR, BRUSH RELEASE	1.000	ST
16	8.627-713.0	SCREW, 5/16-18 X 1 CARR SS	11.000	ST
17	8.627-375.0	SCREW, 1/4-20 X .625 HHCS SS NP	6.000	ST
18	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	11.000	ST
19	8.635-428.0	NIPPLE, GUARD ATV	7.000	ST
20	8.622-213.0	MOTOR, 36VDC	1.000	ST
21	8.617-334.0	WASHER, 1/4 SPL SS	6.000	ST
22	8.617-295.0	SCREW, M5-.8 X 12 SHCS SS DIN912	4.000	ST
23	8.601-499.0	SCREW, M5-.8 X 20 SCHCS SS DIN912	5.000	ST
24	8.601-283.0	SHAFT ASM, DRIVE 24"	1.000	ST
25	8.637-307.0	ASM, BRUSH END, NON-DRIVE	2.000	ST
26	8.601-067.0	WASHER, 5/16 FLT SS	11.000	ST
27	8.634-599.0	PLATE, WEIGHT, BRUSH DECK	2.000	ST
28	8.635-408.0	ROD, GUARD ATV	7.000	ST
29	8.641-362.0	BRKT, SHAFT COVER	1.000	ST
1000	8.634-388.0	GRP, DRIVE, BRUSH DECK	1.000	ST
1010	8.640-580.0	GRP, DEBRIS TRAY, 28"	1.000	ST



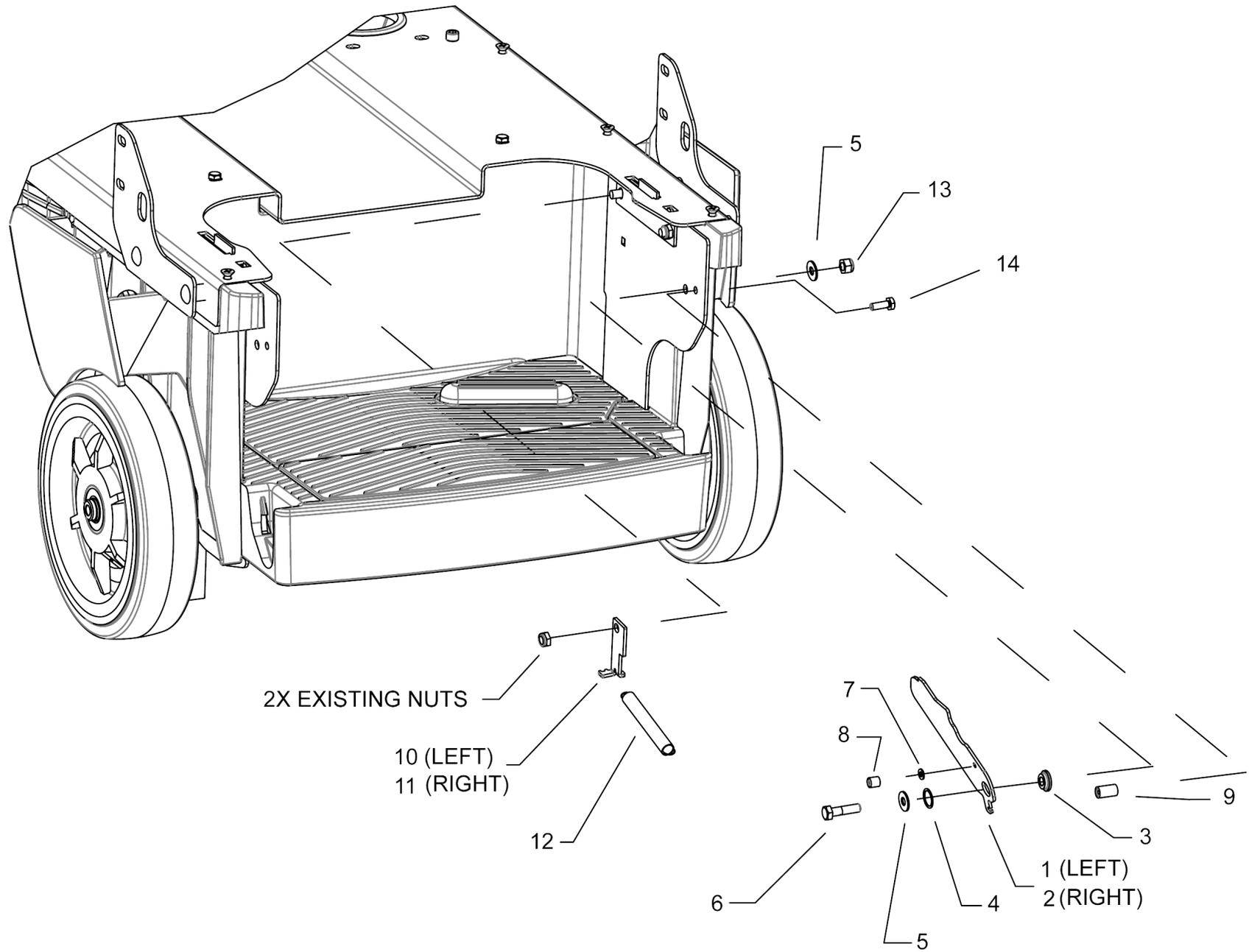
1000 GRP, DRIVE, BRUSH DECK (8.634-388.0)

POS	Article no.	Description	Quantity	Unit	Serial number from	Remark
1	8.634-387.0	HOUSING ASM, BRUSH DRIVE	1.000	ST		
2	8.634-386.0	BELT, TWIN 5MM GT2, 15W, 130T	1.000	ST		
3	8.634-385.0	PULLEY, 32T 5MM GT, 15W	2.000	ST		
4	8.634-384.0	PULLEY, 18T 5MM GT, 15W	1.000	ST		
5	8.634-383.0	PULLEY ASM, 22T 5MM GT, 15W	2.000	ST		
6	8.633-957.0	COVER, DRIVE HOUSING	1.000	ST		
7	8.622-466.0	SPRING, TENSIONER	1.000	ST		
8	8.622-417.0	SHAFT, 6.2MM BRUSH DRIVE	2.000	ST		
9	8.622-378.0	Threaded pin M4X8	8.000	ST		
10	8.622-352.0	RING, 28MM INT SNAP PHOSPHATE	3.000	ST		
11	8.622-349.0	RING, 10MM EXT SNAP, DIN 471	3.000	ST		
12	8.621-587.0	BRKT, TENSIONER ARM	1.000	ST		
13	8.617-335.0	WASHER, M5 FLT SS ISO7089	7.000	ST		
14	8.634-979.0	PLATE, SUPPORT	1.000	ST		
15	8.601-499.0	SCREW, M5-.8 X 20 SCHCS SS DIN912	4.000	ST		
16	8.601-279.0	SHAFT ASM, BRUSH DRIVE	2.000	ST		NOT FOR USE WITH 86427760
17	8.617-295.0	SCREW, M5-.8 X 12 SHCS SS DIN912	7.000	ST		
18	8.634-980.0	Spacer 15.9OD X 5.3ID X 11L	1.000	ST		
19	8.634-932.0	PLATE, BRUSH GUIDE	1.000	ST		
20	8.638-665.0	SHAFT, BRUSH DRIVE, SEAL	2.000	ST	2	
21	8.622-896.0	BEARING, 15 X 28 X 7W SS BALL	4.000	ST	2	
22	8.642-701.0	SEAL, OIL, 16 X 26 X 5 TC	2.000	ST	2	
23	8.642-776.0	HOUSING ASM, BRUSH DRIVE, SEAL	1.000	ST	2	INCLUDES 86386650, 86427010, 86228960, 86223520



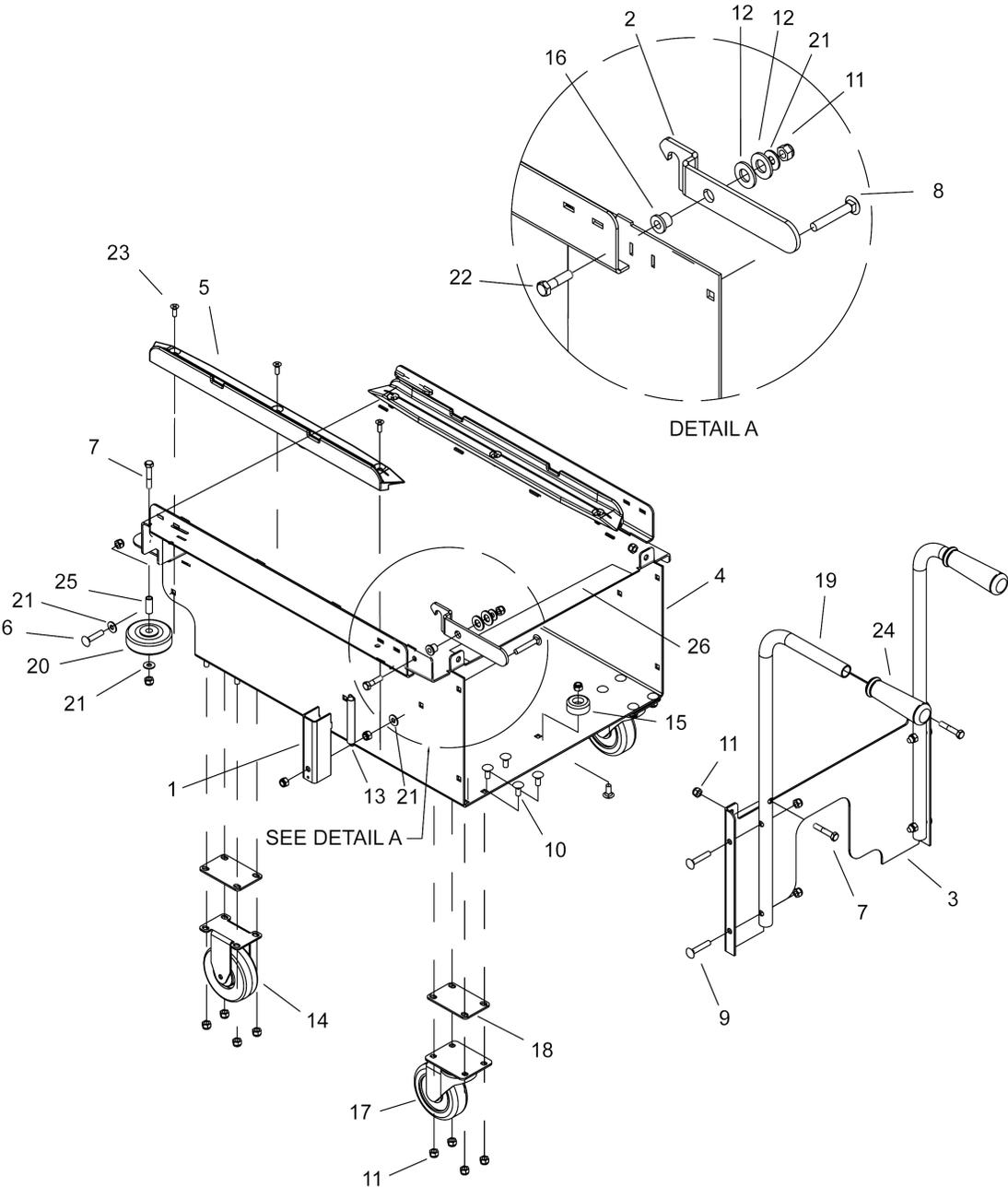
1010 GRP, DEBRIS TRAY, 28" (8.640-580.0)

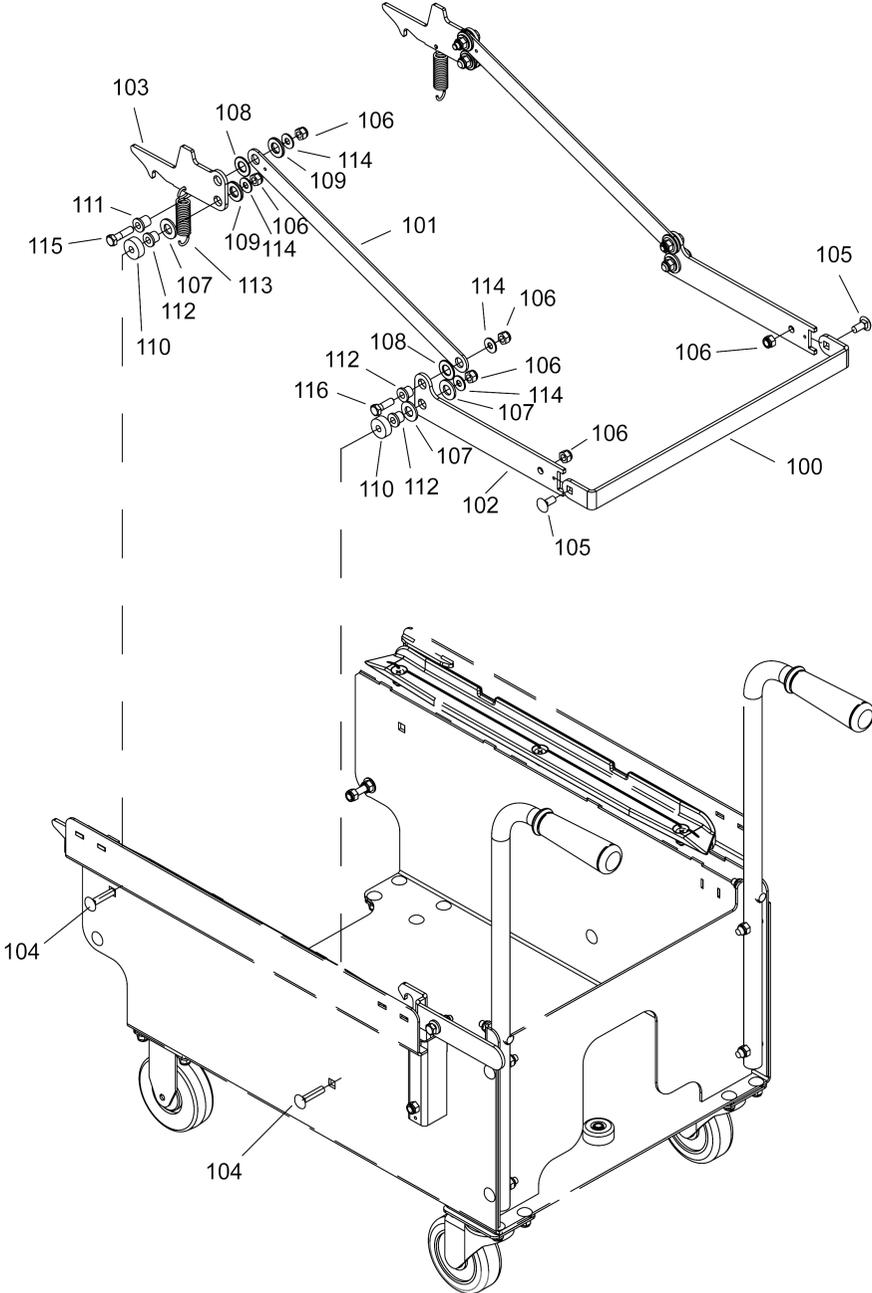
POS	Article no.	Description	Quantity	Unit
1	8.641-402.0	MOUNT, DEBRIS TRAY, TRIMMED	1.000	ST
2	8.641-015.0	GASKET, DEBRIS BIN	2.000	ST
3	8.640-876.0	CLIP, DEBRIS TRAY SPRING	1.000	ST
4	8.640-411.0	INSERT, DEBRIS BIN	1.000	ST
5	8.601-499.0	SCREW, M5-.8 X 20 SCHCS SS DIN912	1.000	ST
6	8.634-240.0	GASKET, DEBRIS TRAY, END	2.000	ST
7	8.634-212.0	TRAY, DEBRIS, 28"	1.000	ST
8	8.634-057.0	GASKET, DEBRIS TRAY, 28"	2.000	ST
9	8.632-791.0	SCREW, KA50 X 25 PTOVHS STL WN1412 ZNPLT	4.000	ST
10	8.602-475.0	NUT, M5X.8 HEX NYLOCK SS DIN985	1.000	ST
11	8.617-333.0	WASHER, M5 SS ISO7093	4.000	ST
12	8.617-335.0	WASHER, M5 FLT SS ISO7089	4.000	ST
13	8.641-678.0	GASKET, DEBRIS TRAY	2.000	ST
14	8.600-574.0	NUT, 5/16-18 SERFLG STL ZNPLT	1.000	ST
15	8.601-067.0	WASHER, 5/16 FLT SS	4.000	ST
16	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	3.000	ST
17	8.627-713.0	SCREW, 5/16-18 X 1 CARR SS	4.000	ST
18	8.634-316.0	SCREW, M5-.8 X 40 SCHCS SS DIN912	2.000	ST



140 GRP, BATTERY EXCHANGE LOCK

POS	Article no.	Description	Quantity	Unit
1	8.636-004.0	BATTERY STOP, LEFT	1.000	ST
2	8.636-005.0	BATTERY STOP, RIGHT	1.000	ST
3	8.631-967.0	SLEEVE, BEARING	2.000	ST
4	8.636-376.0	PLATE, SHIM .030" THICK	2.000	ST
5	8.601-067.0	WASHER, 5/16 FLT SS	4.000	ST
6	8.600-702.0	SCREW, 5/16-18 X 1.25 HHCS SS NP	2.000	ST
7	8.627-919.0	WASHER, 10 FLT STL ZNPLT	2.000	ST
8	8.636-009.0	STANDOFF, RND, 3/8OD, 10-32X3/8	2.000	ST
9	8.629-820.0	STANDOFF, .43 OD, 1/4-20 X.75L	2.000	ST
10	8.636-006.0	BRKT, SPING MOUNT, LT	1.000	ST
11	8.636-007.0	BRKT, SPRING MOUNT, RT	1.000	ST
12	8.625-489.0	Spring EXT, .50D X 4.0L	2.000	ST
13	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	2.000	ST
14	8.627-378.0	SCREW, 1/4-20 X .75 HHCS SS NP	2.000	ST



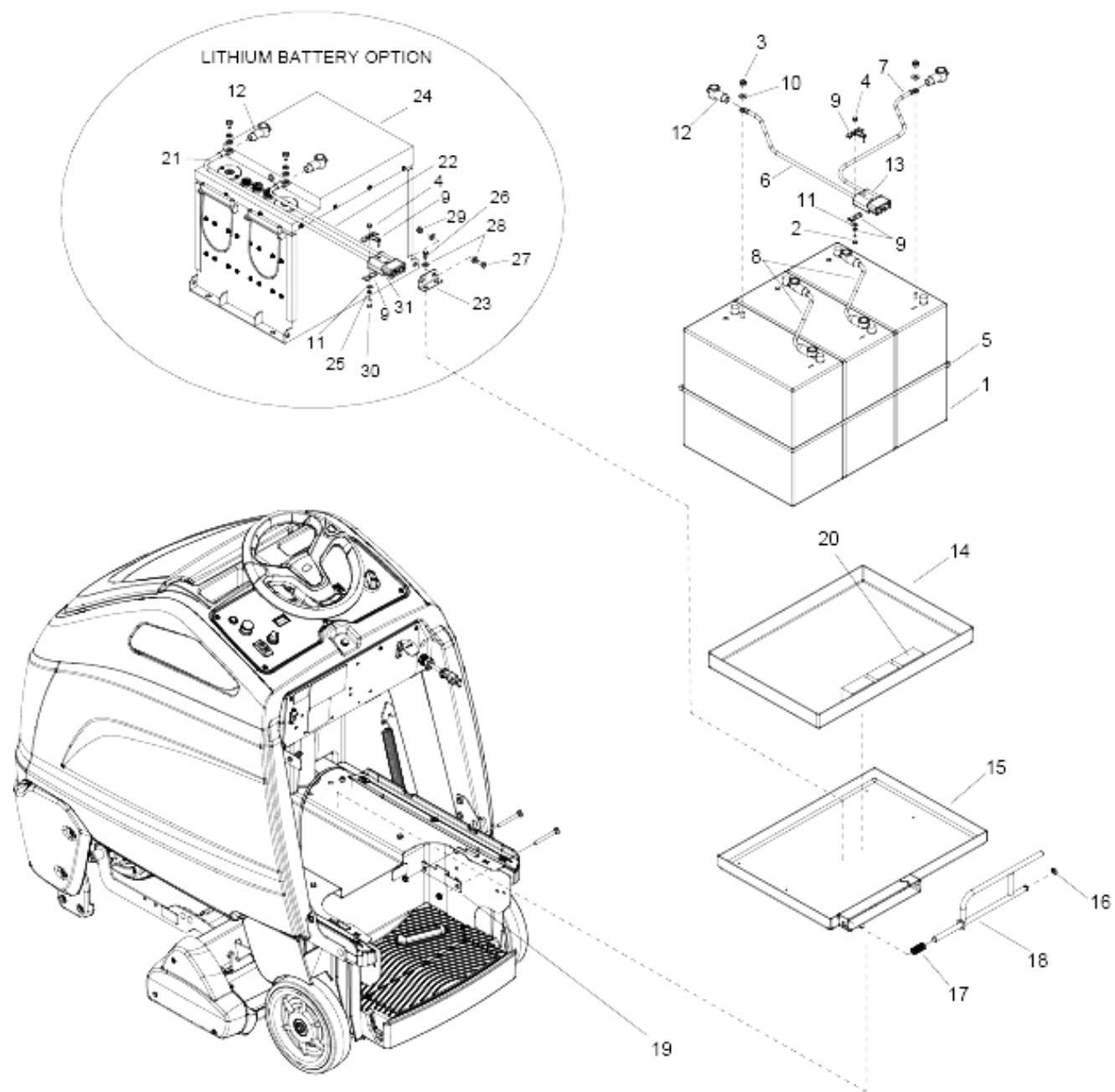


150 GRP, BATTERY EXCHANGE CART

POS	Article no.	Description	Quantity	Unit
1	8.635-945.0	BRKT, SPRING COVER, CART	1.000	ST
2	8.635-940.0	BRKT, TRAY CATCH	1.000	ST
3	8.635-939.0	BRKT, BACK, CART	1.000	ST
4	8.635-938.0	ASM, FRAME, BATTERY CART	1.000	ST
5	8.635-819.0	GLIDE, BATTERY TRAY	2.000	ST
6	8.627-747.0	SCREW, 5/16-18 X 1.5 CARR SS	2.000	ST
7	8.627-679.0	SCREW, 5/16-18 X 1.75 HHCS SS	4.000	ST
8	8.627-671.0	SCREW, 5/16-18 X 2 CARR SS	1.000	ST
9	8.627-669.0	SCREW, 5/16-18 X 1.75 CARR SS	4.000	ST
10	8.627-607.0	SCREW, 5/16-18 X .75 CARR SS	17.000	ST
11	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	32.000	ST
12	8.625-942.0	WASHER, .510 X 1 THR	2.000	ST
13	8.625-489.0	Spring EXT, .50D X 4.0L	1.000	ST
14	8.623-259.0	CASTER, 4" HARD RUBBER RIGID	2.000	ST
15	8.623-109.0	BUMPER, RUBBER 5/16" ID X 1.50	1.000	ST
16	8.622-884.0	BUSHING, .314 X .502 X .5 FLG	1.000	ST
17	8.619-943.0	CASTER SWIVEL 4" 250# CPCTY	2.000	ST
18	8.607-889.0	PLATE, CASTER SPACER	4.000	ST
19	8.607-660.0	HANDLE, BATTERY CART	2.000	ST
20	8.601-102.0	Wheel 3" DIA CUSHION RUBBER	2.000	ST
21	8.601-067.0	WASHER, 5/16 FLT SS	6.000	ST
22	8.627-491.0	SCREW, 5/16-18 X 1.25 HHCS STL GR5 ZNPLT	1.000	ST
23	8.640-081.0	SCREW, 1/4-20 X .75 PHFLHMS SS	6.000	ST
24	8.600-407.0	GRIP, POLISHER HANDLE	2.000	ST
25	8.600-135.0	BUSHING, SPANNER .435 X 1.10	2.000	ST
26	8.624-428.0	LABEL, BATTERY CART OPERATION	1.000	ST
100	8.635-944.0	BRKT, PEDAL, CART	1.000	ST
101	8.635-943.0	PLATE, LATCH LINK, CART	2.000	ST
102	8.635-942.0	PLATE, PEDAL LINK, CART	2.000	ST
103	8.635-941.0	PLATE, LATCH CART	2.000	ST
104	8.627-747.0	SCREW, 5/16-18 X 1.5 CARR SS	4.000	ST
105	8.627-607.0	SCREW, 5/16-18 X .75 CARR SS	2.000	ST
106	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	10.000	ST

150 GRP, BATTERY EXCHANGE CART

POS	Article no.	Description	Quantity	Unit
107	8.625-942.0	WASHER, .510 X 1 THR	6.000	ST
108	8.625-941.0	WASHER, .51 X 10 X .063 THR	4.000	ST
109	8.625-940.0	WASHER, .51 THR	4.000	ST
110	8.625-428.0	WASHER, .321 X 1 X .375 NYL BLK	4.000	ST
111	8.623-115.0	BUSHING, .314 X .502 X .625 FLG	2.000	ST
112	8.622-884.0	BUSHING, .314 X .502 X .5 FLG	6.000	ST
113	8.622-683.0	Spring EXT .68D X3.00L X.098W	2.000	ST
114	8.601-067.0	WASHER, 5/16 FLT SS	8.000	ST
115	8.627-491.0	SCREW, 5/16-18 X 1.25 HHCS STL GR5 ZNPLT	2.000	ST
116	8.627-576.0	SCREW, 5/16-18 X 1 HHCS STL GR8 YW ZNPLT	2.000	ST



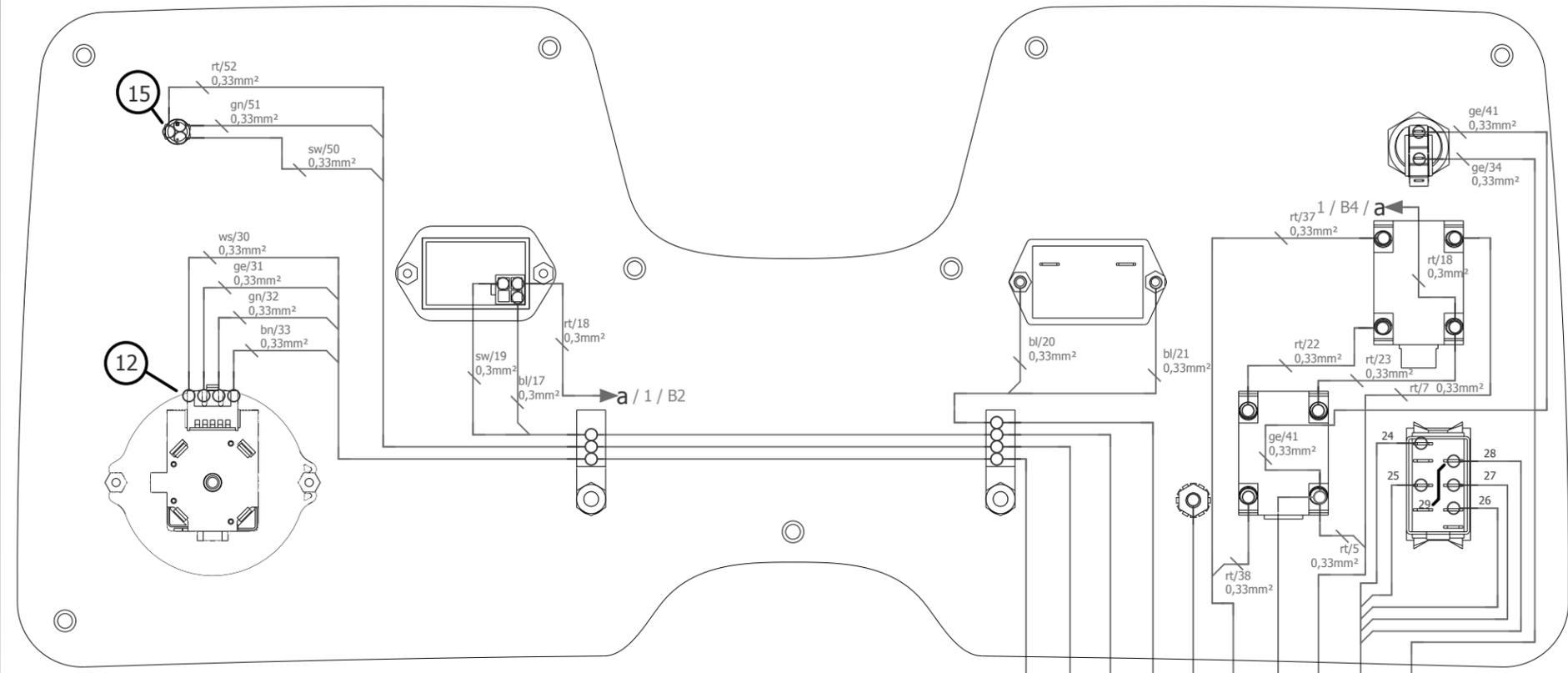
160 Wiring-Batteries

POS	Article no.	Description	Quantity	Unit	Remark
-	8.642-976.0	Fuse 150A lithium 36V 12-36-6700	1.000	ST	CS26LI
1	8.622-843.0	BATTERY, 12V AGM 234AH	3.000	ST	EXCEPT CV86LI
1	8.628-341.0	BATTERY, 12V, 225AH (J185H-AC)	3.000	ST	EXCEPT CV86LI
1	8.622-841.0	BATTERY 12V 205AH	3.000	ST	EXCEPT CV86LI
2	8.627-398.0	SCREW, 10-32 X .75 PHPNHMS SS	1.000	ST	
3	8.627-191.0	Nut 5/16-18 FLEX LK STL GRA ZNPLT	6.000	ST	
4	8.627-089.0	NUT, 10-32 ACORN STL NKLPLT	1.000	ST	EXCEPT CV86LI
5	8.626-496.0	CABLE TIE, .375 X 43"	2.000	ST	
6	8.626-061.0	WIRE, 4X25RD CTERM X 3/8RING	1.000	ST	EXCEPT CV86LI
7	8.626-023.0	WIRE, 4X30 BK CTERM X 3/8RING	1.000	ST	EXCEPT CV86LI
8	8.626-020.0	WIRE4X14.5BK 3/8RINGX3/8RING	2.000	ST	EXCEPT CV86LI
9	8.623-336.0	CLAMP, CABLE KIT	1.000	ST	EXCEPT CV86LI
10	8.601-067.0	WASHER, 5/16 FLT SS	6.000	ST	EXCEPT CV86LI
11	8.601-065.0	WASHER, .203 X .562 X .040 FLT	1.000	ST	EXCEPT CV86LI
12	8.600-892.0	BOOT, RUBBER TERM. ISOLATOR	6.000	ST	EXCEPT CV86LI
12	8.600-892.0	BOOT, RUBBER TERM. ISOLATOR	2.000	ST	CV86LI
13	8.600-876.0	CONNECTOR 175 DCA GRY W/O TERMS	1.000	ST	EXCEPT CV86LI
14	8.639-814.0	TRAY, BATTERY CS26	1.000	ST	EXCEPT CS26LI
15	8.635-950.0	ASM, BATTERY TRAY	1.000	ST	
16	8.627-281.0	Ring 1/2 EXT.SNAP H-D	1.000	ST	CV86LI
17	8.625-499.0	SPRING,COMP, 63ODX3.5LX.047W	1.000	ST	CV86LI
18	8.609-291.0	LATCH ROD, BATTERY TRAY	1.000	ST	
19	8.636-002.0	PLATE, BATTERY STOP	2.000	ST	CV86LI
20	8.622-970.0	BLOCK, 3.0 X 1.5 X 1.5	3.000	ST	1B ONLY
21	8.642-842.0	Wire 1/0 28in black contact term M8 ring	1.000	ST	CV86LI
22	8.642-841.0	Wire 1/0 20in red contact term M8 ring	1.000	ST	CV86LI
23	8.642-838.0	BRKT, LITHIUM BATTERY MOUNT	4.000	ST	CV86LI
24	8.642-837.0	BATTERY, 36V LITHIUM, LARGE	1.000	ST	CV86LI
25	8.627-947.0	WASHER, 10 SPL STL ZNPLT	1.000	ST	CV86LI
26	8.627-383.0	SCREW, 1/4-20 X .5 HHCS SS NP	4.000	ST	CV86LI
27	8.627-378.0	SCREW, 1/4-20 X .75 HHCS SS NP	4.000	ST	CV86LI
28	8.601-063.0	WASHER, 1/4 SS	12.000	ST	CV86LI
29	8.600-568.0	NUT, 1/4-20 HEX NYLOCK STL GR2 ZNPLT	4.000	ST	CV86LI

160 Wiring-Batteries

POS	Article no.	Description	Quantity	Unit	Remark
30	8.600-683.0	SCREW, 10-32 X 1 PHPNHMS STL ZNPLT	1.000	ST	CV86LI
31		Connector SB175 yellow without terms	1.000	ST	CS26LI

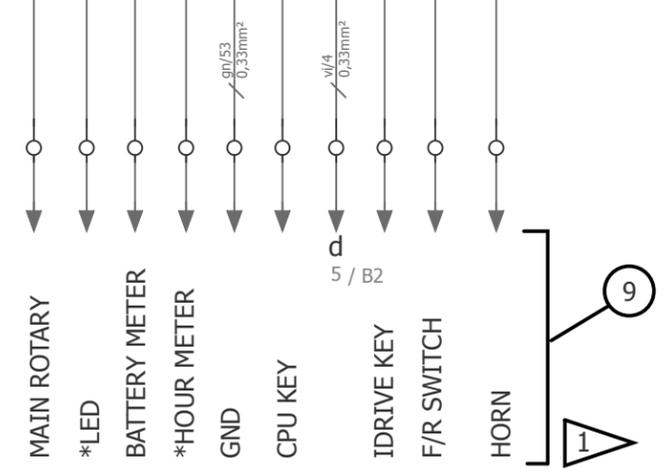
REVISION				
REV	DESCRIPTION	ECR	REV BY	DATE
A	RELEASE FOR PRODUCTION	-	-	-
B	CHANGED OBC WIRES TO AN OPTION	5026592	MJP	04-26-16
C	REROUTE RETURN TO VAC MOTOR TO SYSTM GROUND	5027088	RJC	06-20-16
D	CHANGED TCU TO AN OPTION	5027361	DRS	08-16-16
E	UPDATE 86413590 TCU HARNESS, CORRECTED TERMINAL STRIP, UPDATED DRAWING TO CURRENT STANDARD	5029210	JMB	10-18-17



NOTES:

1 CONNECTIONS MADE TO MISC CONNECTOR PAGE 2 OF 7.

ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
SCHRUMPFSCHLAUCH/HS	HEAT SHRINK



18	86008760	CONNECTOR 175 DCA GRV	1	NOT SHOWN
17	86010850	WIRE, 4X20 RD CTERM	1	
16	86010860	WIRE, 4X20 BK CTERM	1	
15	86348640	LED, BAG FULL	1	PART OF 86409770
14	86361910	HARNESS, PLATFORM PNL, CS26	1	PART OF 86409780
13	86366520	HARNESS, PLATFORM, CS26	1	NOT SHOWN
12	86366540	HARNESS, MAIN ROTARY, CS26	1	PART OF 86409770
11	86366620	HARNESS, HORN, CS26	1	PART OF 86409780
10	86369820	HARNESS, DRIVE & BRAKE ASM, CS26	1	
9	86409770	HARNESS, PANEL, CV86	1	
8	86409780	HARNESS, MAIN, CV34	1	NOT SHOWN
7	86411190	HARNESS, BRUSH MTR, CV34	1	PART OF 86409780
6	86411200	HARNESS, VACUUM, CV34	1	PART OF 86409780
5	86411210	HARNESS, DECK ACT, CV34	1	PART OF 86409780
4	86411220	HARNESS, SIDE BROOM, CV34	1	PART OF 86409780
3	86411230	HARNESS, VAC SWITCH, CV34	1	PART OF 86409780
2	86411240	HARNESS, GND STRAP, CV86	1	PART OF 86409780
1	86413590	HARNESS, TCU	1	
REF	PART NO	DESCRIPTION	QTY	REMARKS

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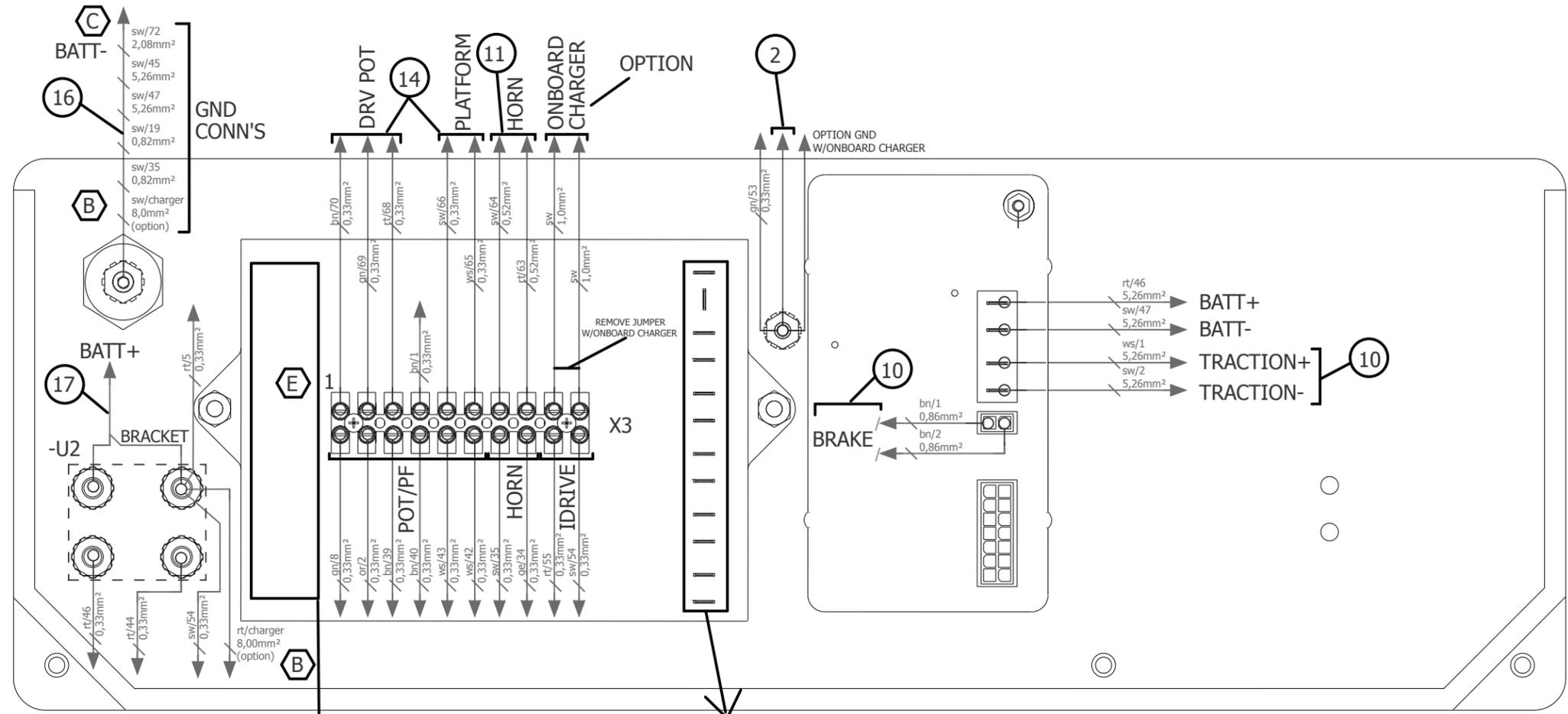
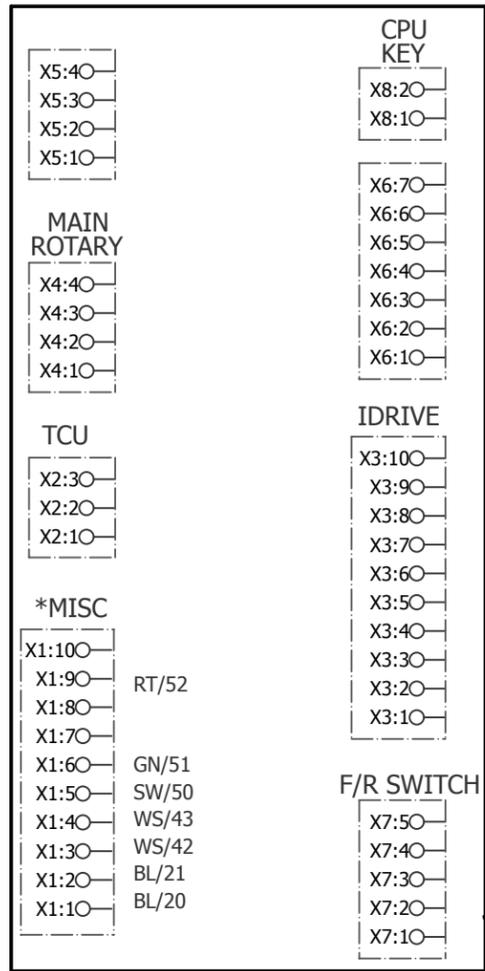
INCH	MILLIMETERS
.X ± 0.1	X ± 3
.XX ± 0.03	X,X ± 0.8
.XXX ± 0.010	X,XX ± 0.25

DESCRIPTION: GRP, ELECTRICAL, CV86

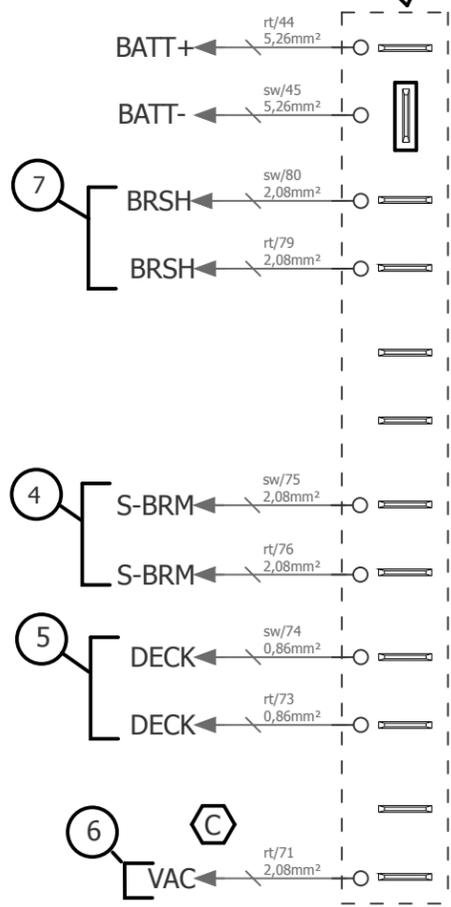
SIZE: B SCALE: NONE DRAWING NUMBER: 86408620 REV: E

DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM. DATE: 02-29-16

THIRD ANGLE PROJECTION SHEET: 1 OF 7



ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
SCHRUMPFSCHLAUCH/HS	HEAT SHRINK

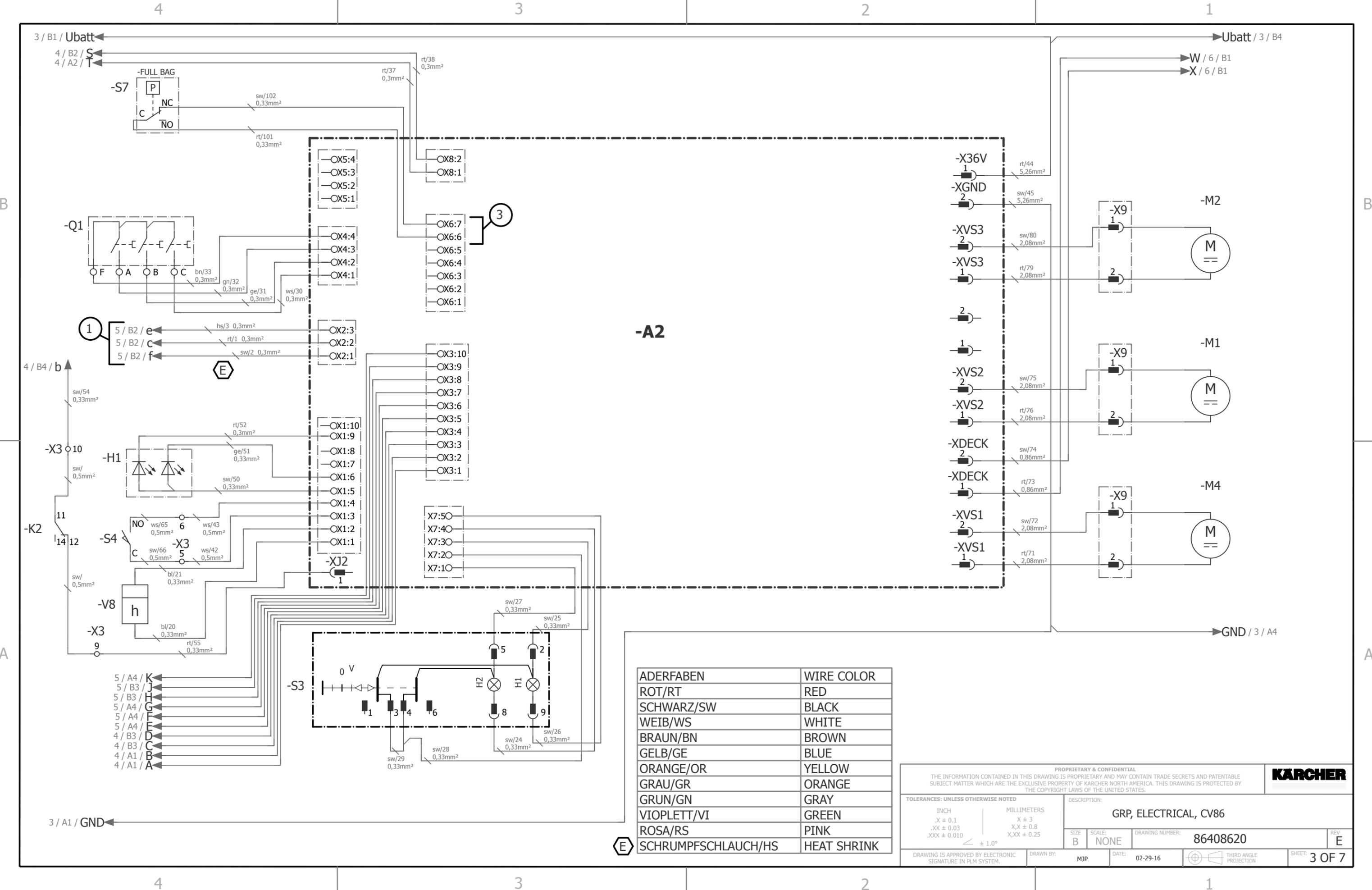


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TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION:	
INCH	MILLIMETERS	GRP, ELECTRICAL, CV86	
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.XX ± 0.03	.X,X ± 0.8	DRAWING NUMBER:	86408620
.XXX ± 0.010	X,XX ± 0.25	REV	E
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY:	MJP
		DATE:	02-29-16
		THIRD ANGLE PROJECTION	
		SHEET: 2 OF 7	



ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
SCHRUMPFSCHLAUCH/HS	HEAT SHRINK

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KÄRCHER

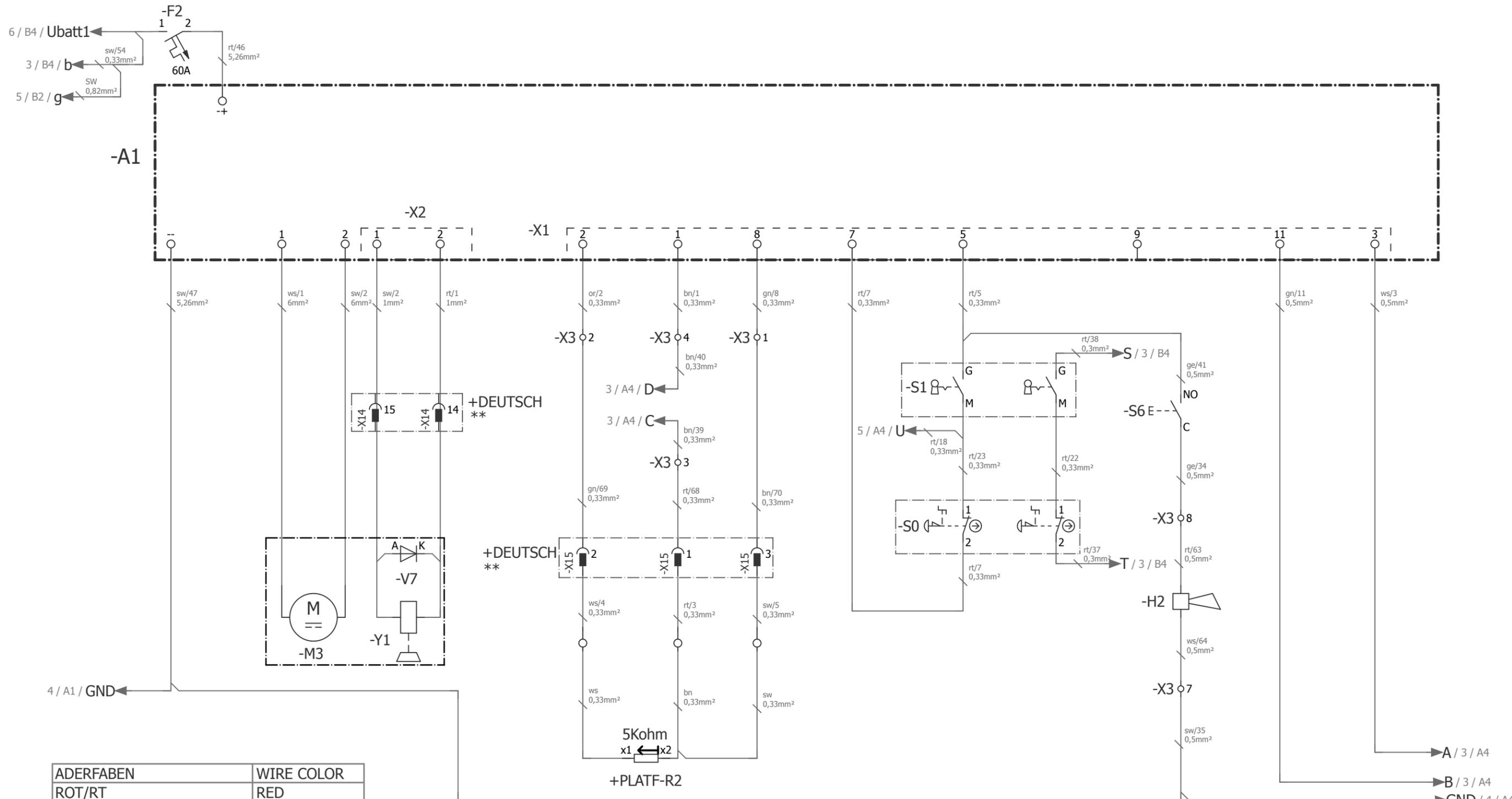
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INCH	MILLIMETERS
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.XX ± 0.03	X,X ± 0.8
.XXX ± 0.010	X,XX ± 0.25

DESCRIPTION: GRP, ELECTRICAL, CV86

SIZE B	SCALE: NONE	DRAWING NUMBER: 86408620	REV E
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DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM. DRAWN BY: MJP DATE: 02-29-16 THIRD ANGLE PROJECTION SHEET: 3 OF 7



ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
SCHRUMPFSCHLAUCH/HS	HEAT SHRINK

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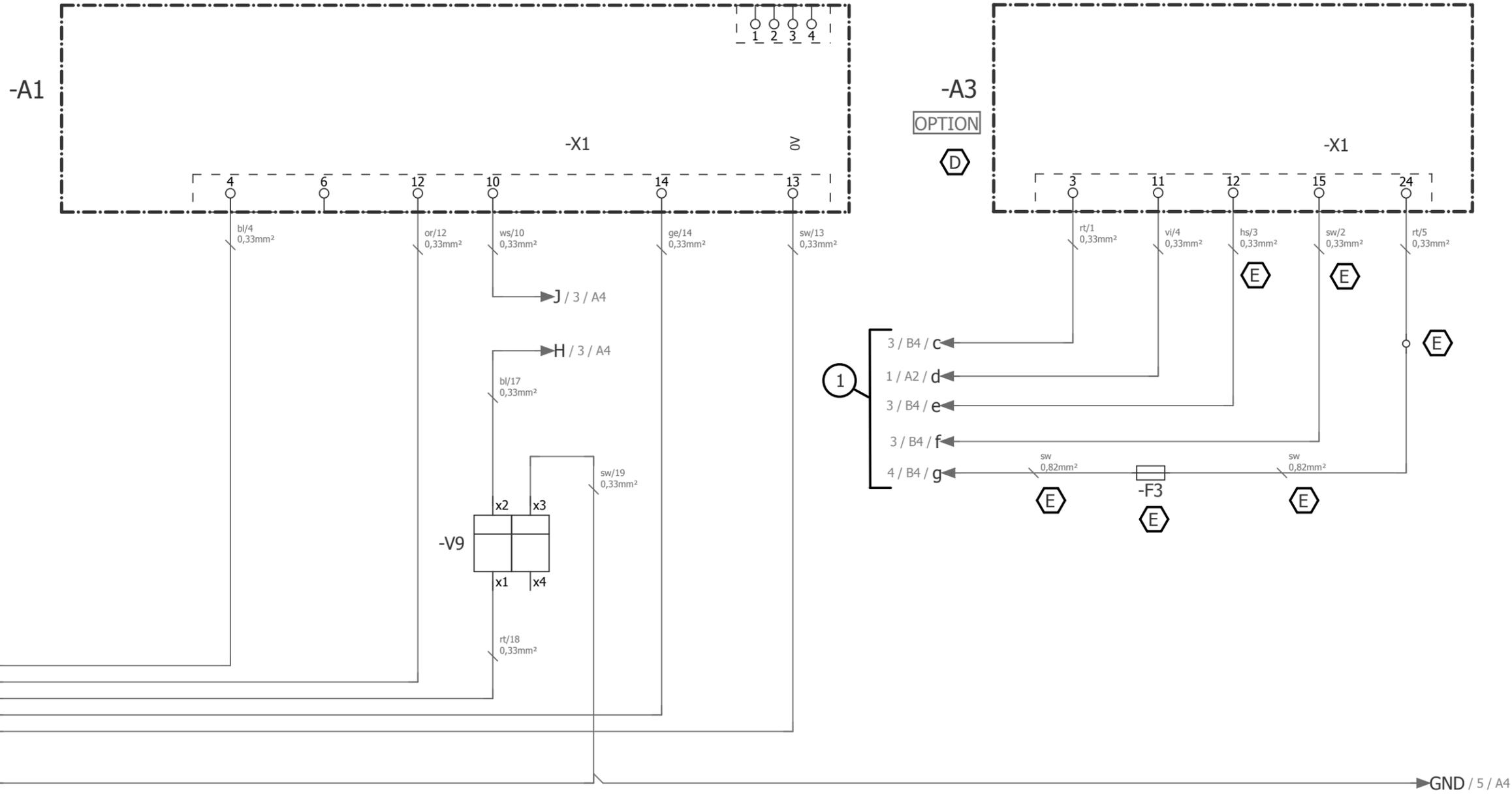
TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION: GRP, ELECTRICAL, CV86	
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DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWING NUMBER: 86408620	REV: E
DRAWN BY: MJP		DATE: 02-29-16	SHEET: 4 OF 7

4

3

2

1



3 / A4 / F
 3 / A4 / E
 4 / B2 / U
 3 / A4 / K
 3 / A4 / G

5 / A1 / GND

GND / 5 / A4

ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
SCHRUMPFSCHLAUCH/HS	HEAT SHRINK

E

TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION:	
INCH	MILLIMETERS	GRP, ELECTRICAL, CV86	
.X ± 0.1	X ± 3	SIZE	SCALE: NONE
.XX ± 0.03	X,X ± 0.8	DRAWING NUMBER:	86408620
.XXX ± 0.010	X,XX ± 0.25	DATE:	02-29-16
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY:	MJP
		THIRD ANGLE PROJECTION	SHEET: 5 OF 7

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4

3

2

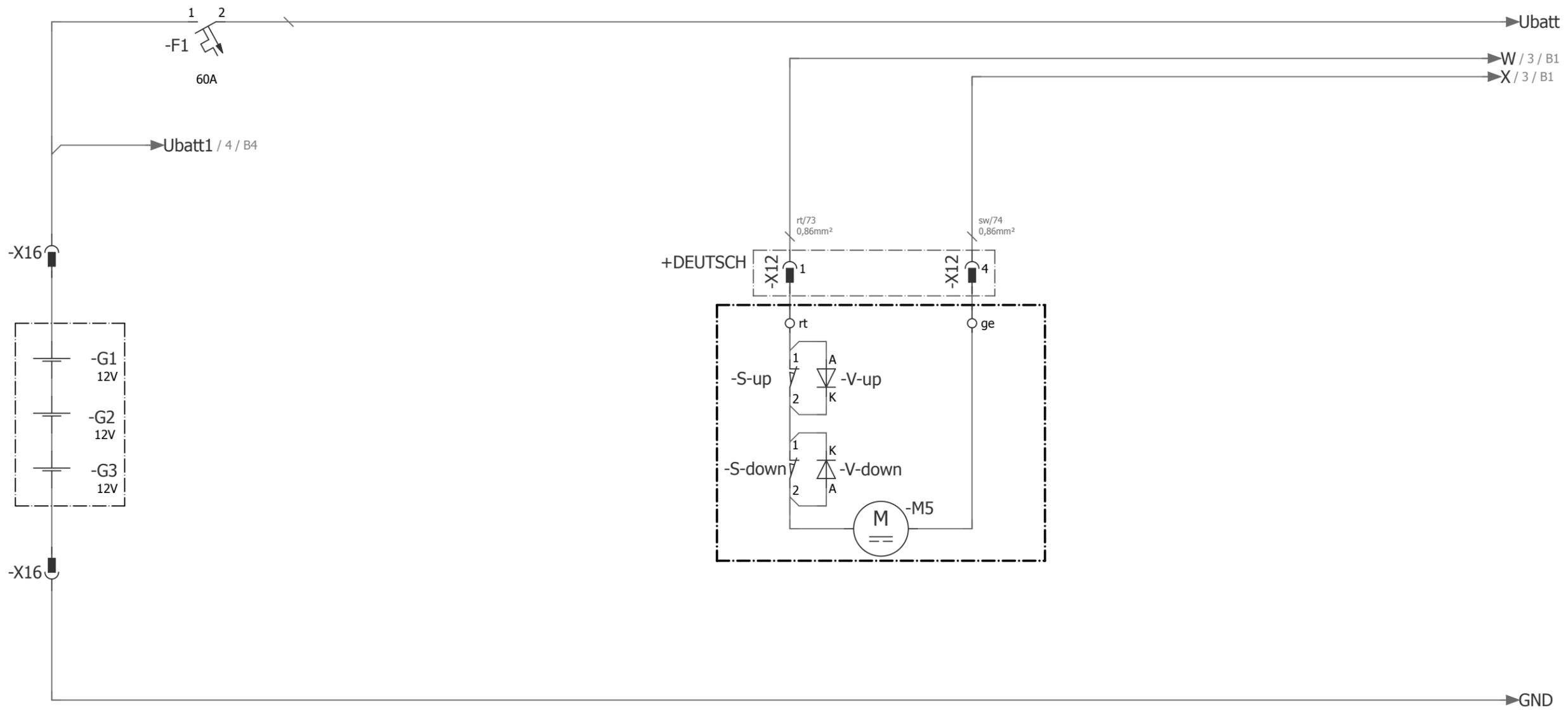
1

4

3

2

1



ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
 SCHRUMPFSCHLAUCH/HS	HEAT SHRINK

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TOLERANCES: UNLESS OTHERWISE NOTED

INCH	MILLIMETERS
.X ± 0.1	X ± 3
.XX ± 0.03	X,X ± 0.8
.XXX ± 0.010	X,XX ± 0.25

DESCRIPTION: GRP, ELECTRICAL, CV86

SIZE: B	SCALE: NONE	DRAWING NUMBER: 86408620	REV: E
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DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM. DRAWN BY: MJP DATE: 02-29-16

THIRD ANGLE PROJECTION SHEET: 6 OF 7

B

B

A

A

4

3

2

1

D

GB

A1 FAHRSTEUERUNG
 A2 CPU
 ⓓ A3 TCU (OPTION)
 G1-G3 BATTERY 12V

M1 BESENMOTOR
 M2 BURSTENMOTOR
 M3 FAHRMOTOR
 M4 MOTOR-SAUGTURBINE
 M5 HUBMOTOR

S0 NOT-AUS
 S1 SCHLUSSELSCHALTER
 S3 TASTER-VORW/RUCKW
 S4 PLATTFORM

S6 TASTER-HUPE
 S7 VAC SCHALTER

Q1 MAIN PROGRAMMSCHALTER

V8 BETRIEBSSTUNDENZAHLER

Y1 MAGNETBREMSE

V9 BATTERIEANZEIGE

H1 LED
 H2 HUPE

F1 PCB 60A
 F2 IDRIVE 60A
 ⓔ F3 TCU 0.5A

**X12/X13/X14/X15 - DEUTSCH CONNECTOR
 *X9/X10/X11 - PACKARD CONNECTOR
 *X16 - ANDERSON

A1 IDRIVE CONTROL
 A2 CPU CONTROL
 ⓓ A3 TCU (OPTION)
 G1-G3 BATTERY 12V

M1 BROOM MOTOR
 M2 BRUSH MOTOR
 M3 TRACTION MOTOR
 M4 VACUUM MOTOR
 M5 DECK ACTUATOR

S0 E STOP
 S1 KEY SWITCH
 S3 F/R SWITCH
 S4 PLATFORM SWITCH

S6 HORN SWITCH
 S7 VAC SWITCH

Q1 MAIN ROTARY

V8 HOUR METER

Y1 BRAKE

V9 BATTERY METER

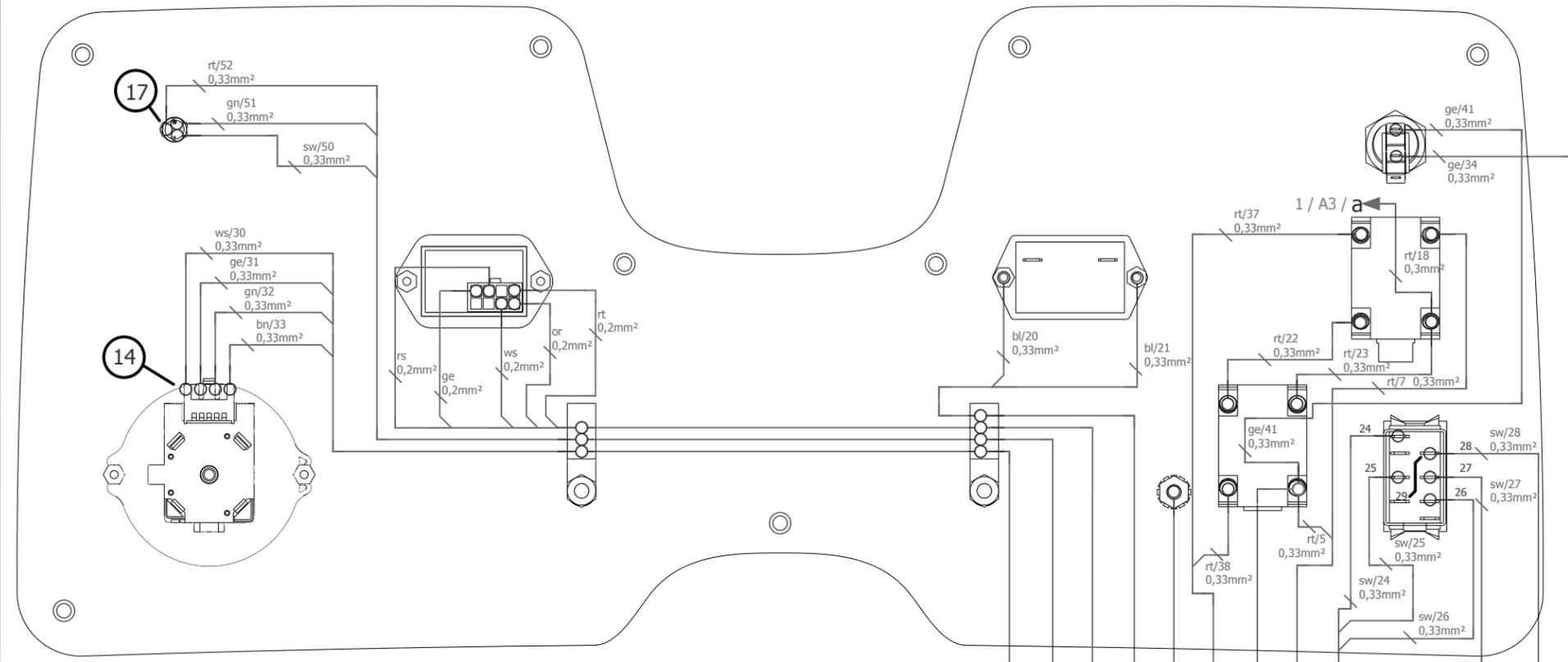
H1 BAG FULL LED
 H2 HORN

F1 PCB 60A - U2
 F2 IDRIVE 60A - U2
 ⓔ F3 TCU 0.5A

**X12/X13/X14/X15 - DEUTSCH CONNECTOR
 *X9/X10/X11 - PACKARD CONNECTOR
 *X16 - ANDERSON

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<small>TOLERANCES: UNLESS OTHERWISE NOTED</small> <table border="0"> <tr> <td>INCH</td> <td>MILLIMETERS</td> </tr> <tr> <td>.X ± 0.1</td> <td>X ± 3</td> </tr> <tr> <td>.XX ± 0.03</td> <td>X,X ± 0.8</td> </tr> <tr> <td>.XXX ± 0.010</td> <td>X,XX ± 0.25</td> </tr> </table>		INCH	MILLIMETERS	.X ± 0.1	X ± 3	.XX ± 0.03	X,X ± 0.8	.XXX ± 0.010	X,XX ± 0.25	<small>DESCRIPTION:</small> GRP, ELECTRICAL, CV86	
INCH	MILLIMETERS										
.X ± 0.1	X ± 3										
.XX ± 0.03	X,X ± 0.8										
.XXX ± 0.010	X,XX ± 0.25										
<small>SIZE</small> B	<small>SCALE:</small> NONE	<small>DRAWING NUMBER:</small> 86408620	<small>REV</small> E								
<small>DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.</small>		<small>DRAWN BY:</small> MJP	<small>DATE:</small> 02-29-16								
		 <small>THIRD ANGLE PROJECTION</small>	<small>SHEET:</small> 7 OF 7								

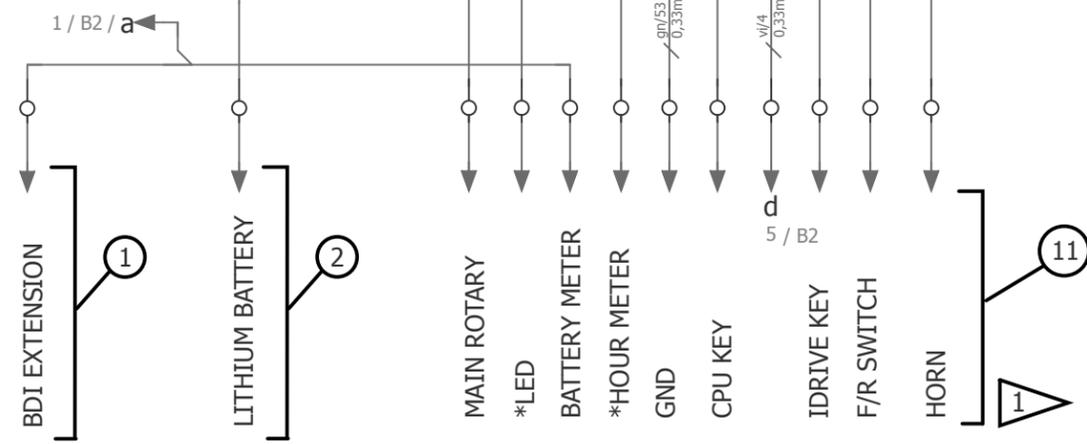
REVISION				
REV	DESCRIPTION	ECN	REV BY	DATE
A	RELEASE FOR PRODUCTION	5031515	JA	06-22-18



1 CONNECTIONS WITH * MADE TO *MISC CONNECTOR PAGE 2 OF 7.

20	86008760	CONNECTOR 175 DCA GRY	1	NOT SHOWN
19	86010850	WIRE, 4X20 RD CTERM	1	
18	86010860	WIRE, 4X20 BK CTERM	1	
17	86348640	LED, BAG FULL	1	PART OF 86409770
16	86361910	HARNES, PLATFORM PNL, CS26	1	PART OF 86409780
15	86366520	HARNES, PLATFORM, CS26	1	NOT SHOWN
14	86366540	HARNES, MAIN ROTARY, CS26	1	PART OF 86409770
13	86366620	HARNES, HORN, CS26	1	PART OF 86409780
12	86369820	HARNES, DRIVE & BRAKE ASM, CS26	1	
11	86409770	HARNES, PANEL, CV86	1	
10	86409780	HARNES, MAIN, CV34	1	NOT SHOWN
9	86411190	HARNES, BRUSH MTR, CV34	1	PART OF 86409780
8	86411200	HARNES, VACUUM, CV34	1	PART OF 86409780
7	86411210	HARNES, DECK ACT, CV34	1	PART OF 86409780
6	86411220	HARNES, SIDE BROOM, CV34	1	PART OF 86409780
5	86411230	HARNES, VAC SWITCH, CV34	1	PART OF 86409780
4	86411240	HARNES, GND STRAP, CV86	1	PART OF 86409780
3	86413590	HARNES, TCU	1	
2	86428620	Harnes lithium battery	1	
1	86428780	Harnes lithium BDI extension	1	
REF	PART NO	DESCRIPTION	QTY	REMARKS

ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
SCHRUMPFSCHLAUCH/HS	HEAT SHRINK



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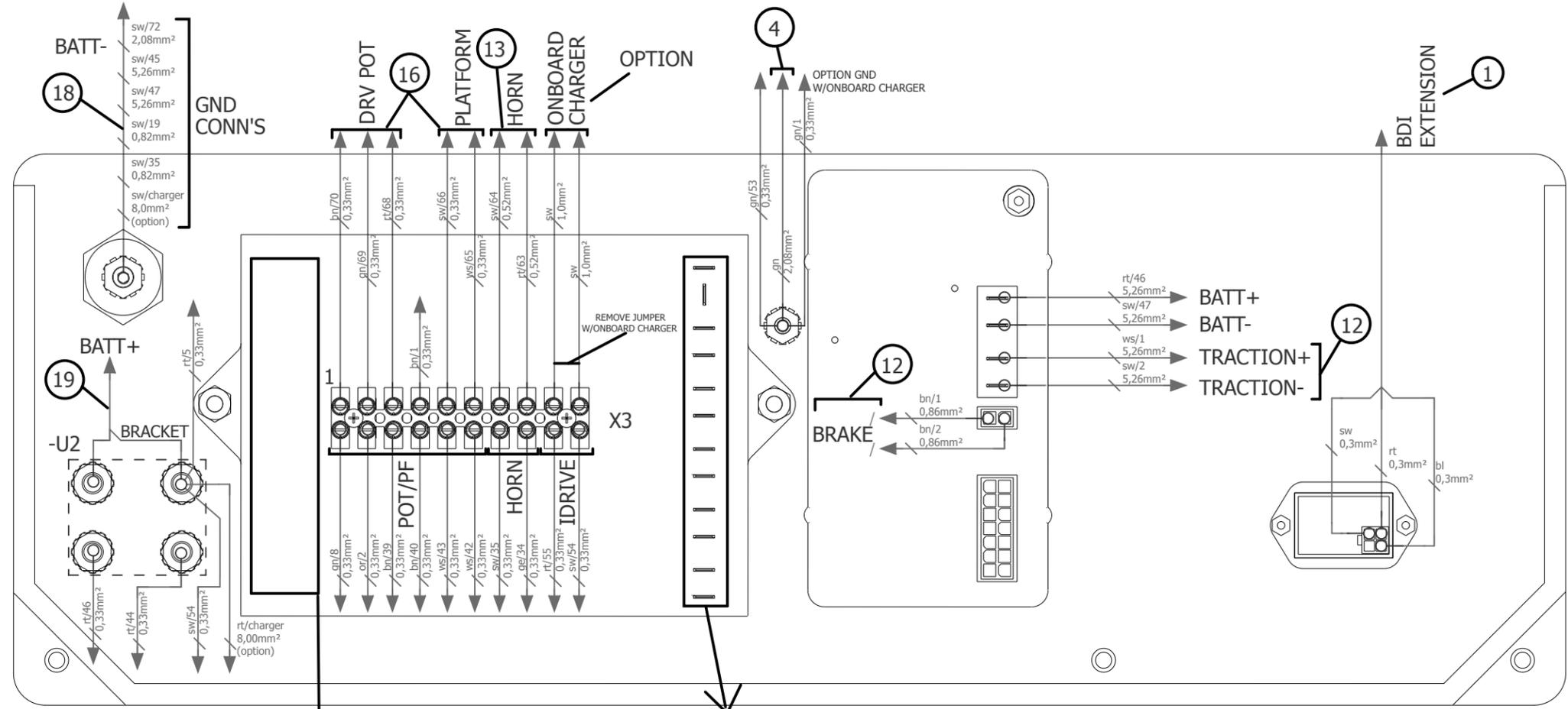
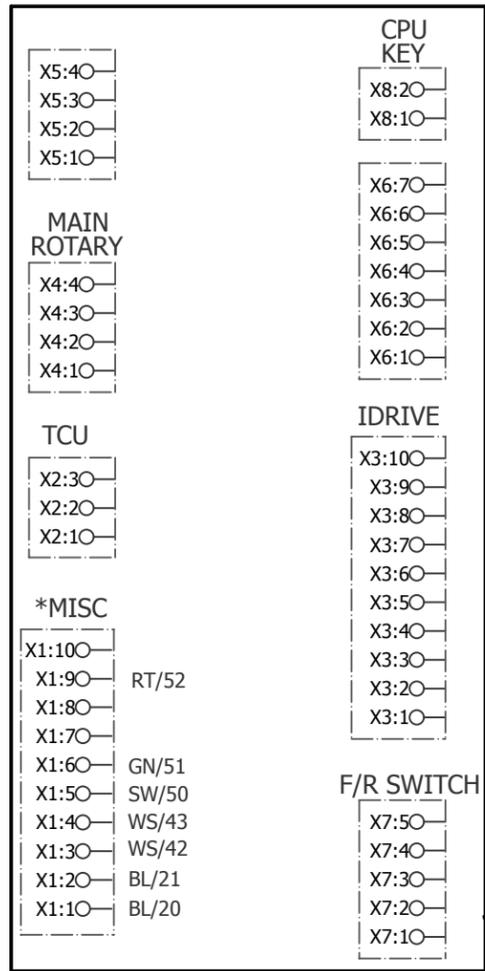
TOLERANCES: UNLESS OTHERWISE NOTED

INCH	MILLIMETERS
.X ± 0.1	X ± 3
.XX ± 0.03	X,X ± 0.8
.XXX ± 0.010	X,XX ± 0.25

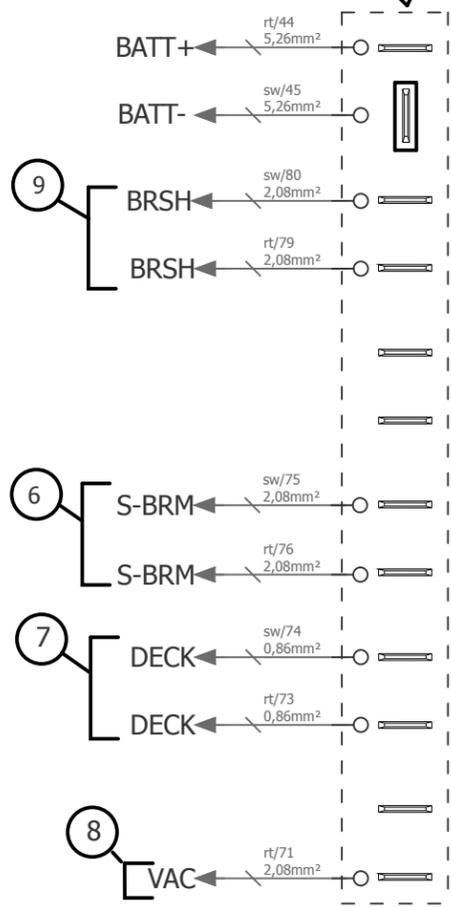
DESCRIPTION: Group electrical CV86 lithium

SIZE: B SCALE: NONE DRAWING NUMBER: 86429100 REV: A

DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM. DRAWN BY: JA DATE: 06-18-18 THIRD ANGLE PROJECTION SHEET: 1 OF 7



ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
SCHRUMPFSCHLAUCH/HS	HEAT SHRINK



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DESCRIPTION: **Group electrical CV86 lithium**

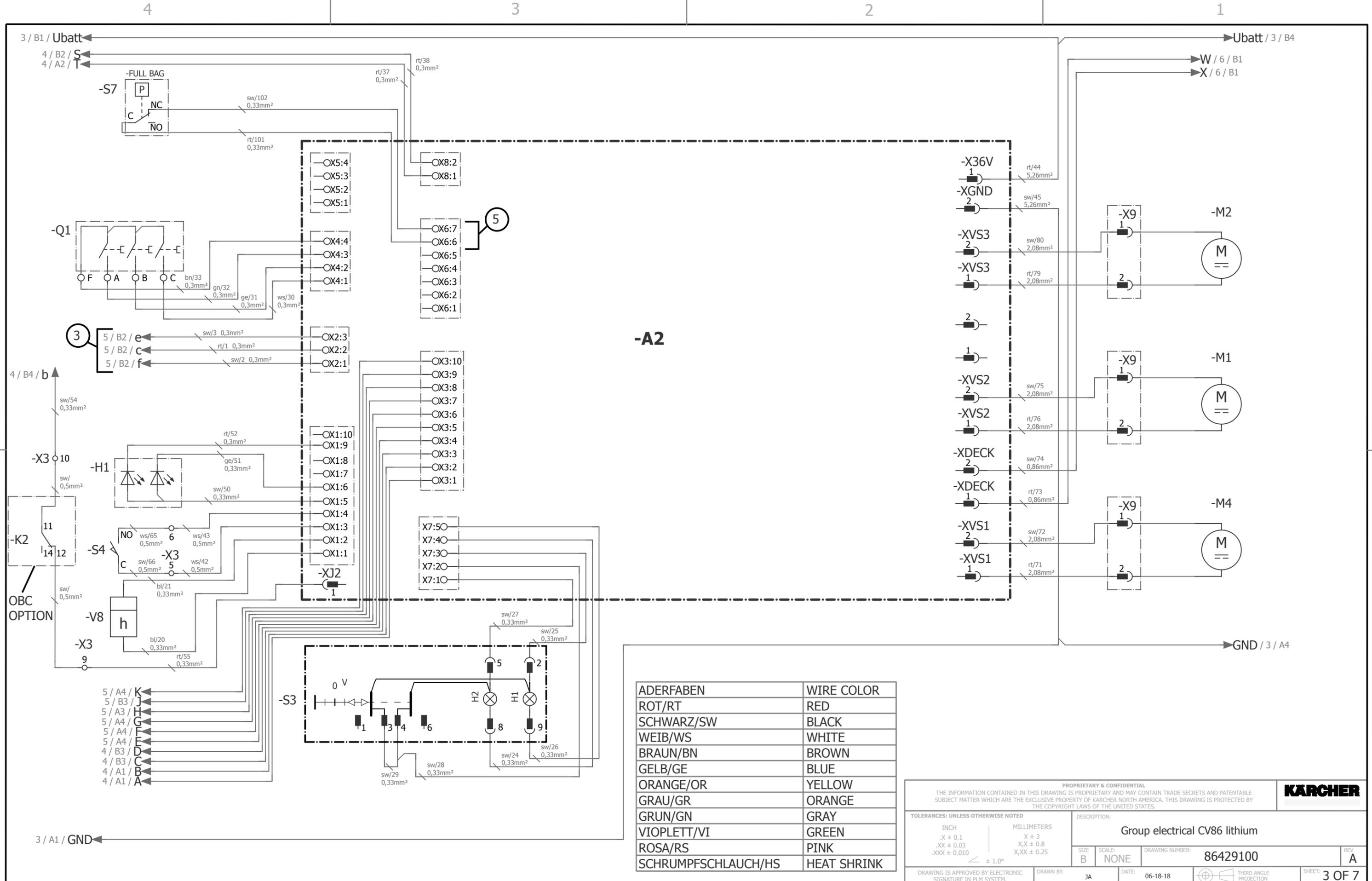
TOLERANCES: UNLESS OTHERWISE NOTED

INCH	MILLIMETERS
.X ± 0.1	X ± 3
.XX ± 0.03	.X,X ± 0.8
.XXX ± 0.010	X,XX ± 0.25

± 1.0°

DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM. DRAWN BY: JA DATE: 06-18-18

SIZE: B SCALE: NONE DRAWING NUMBER: 86429100 REV: A SHEET: 2 OF 7



ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
VIOPLETT/VI	GREEN
ROSA/RS	PINK
SCHRUMPFSCHLAUCH/HS	HEAT SHRINK

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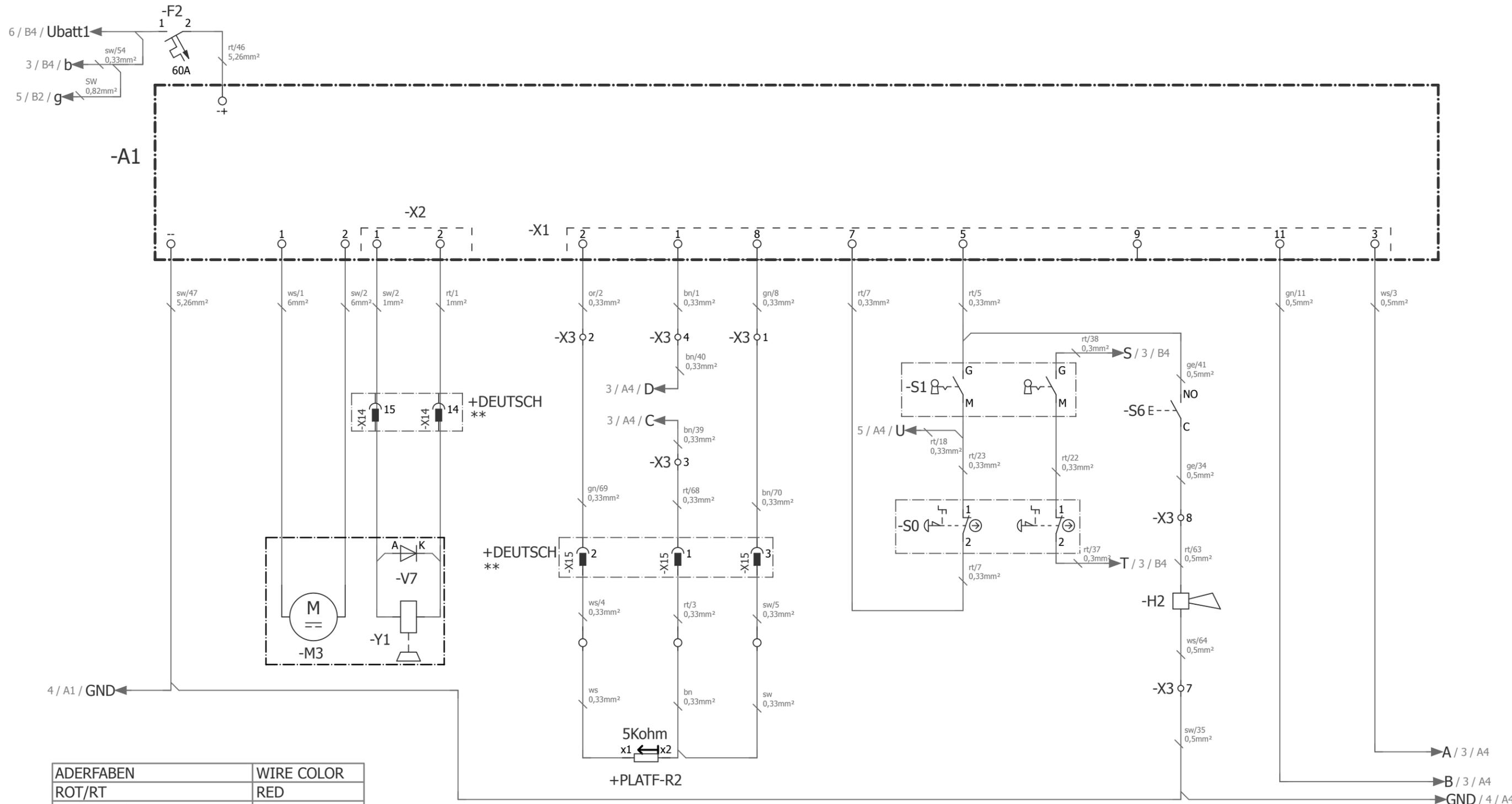
KARCHER

TOLERANCES: UNLESS OTHERWISE NOTED

INCH	MILLIMETERS
.X ± 0.1	X ± 3
.XX ± 0.03	X,X ± 0.8
.XXX ± 0.010	X,XX ± 0.25

DESCRIPTION: Group electrical CV86 lithium

SIZE: B	SCALE: NONE	DRAWING NUMBER: 86429100	REV: A
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: JA	DATE: 06-18-18
THIRD ANGLE PROJECTION			SHEET: 3 OF 7

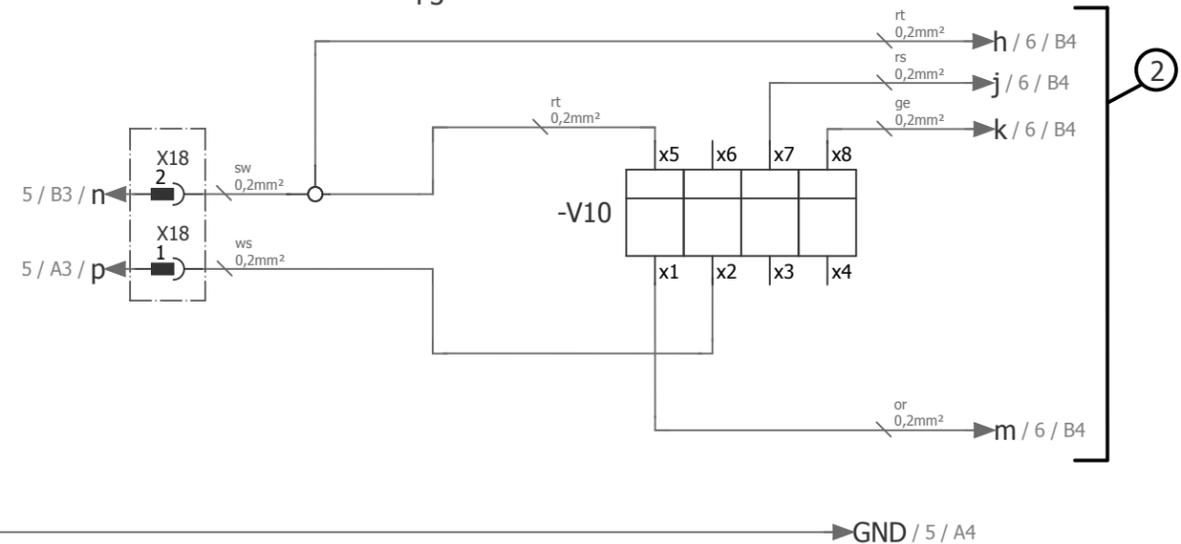
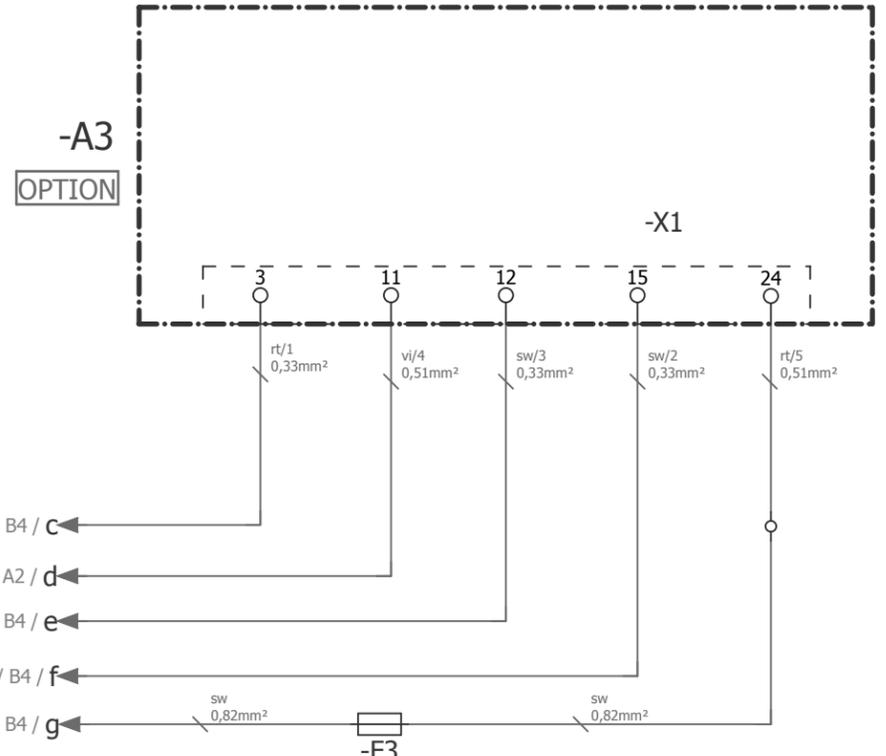
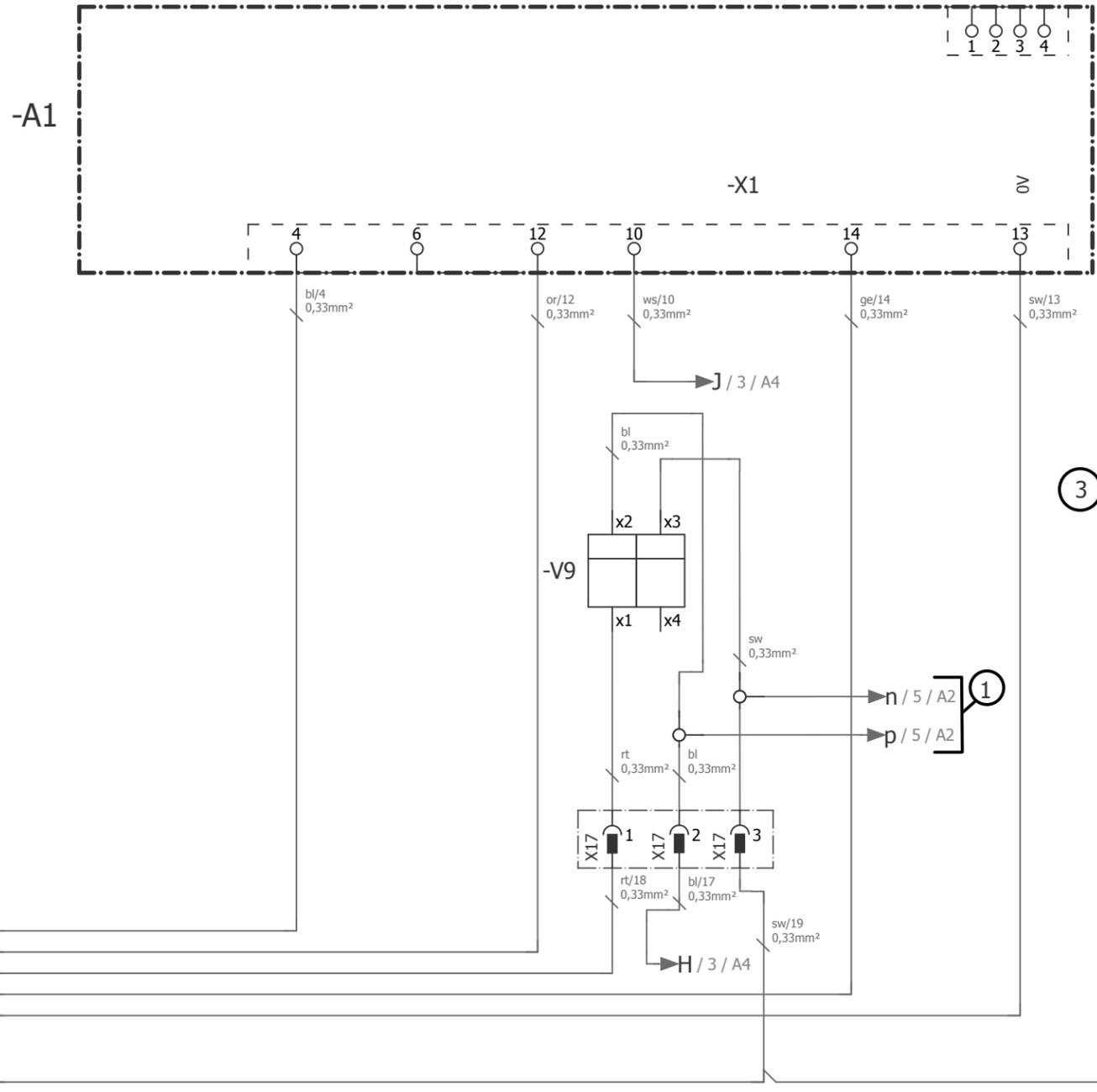


ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
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KARCHER

TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION: Group electrical CV86 lithium	
INCH	MILLIMETERS	SIZE	SCALE: NONE
.X ± 0.1	X ± 3	B	
.XX ± 0.03	X,X ± 0.8		DRAWING NUMBER: 86429100
.XXX ± 0.010	X,XX ± 0.25		REV A
± 1.0°		DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.	DATE: 06-18-18
		DRAWN BY: JA	THIRD ANGLE PROJECTION
			SHEET: 4 OF 7



- 3 / A4 / F
- 3 / A4 / E
- 4 / B2 / U
- 3 / A4 / K
- 3 / A4 / G

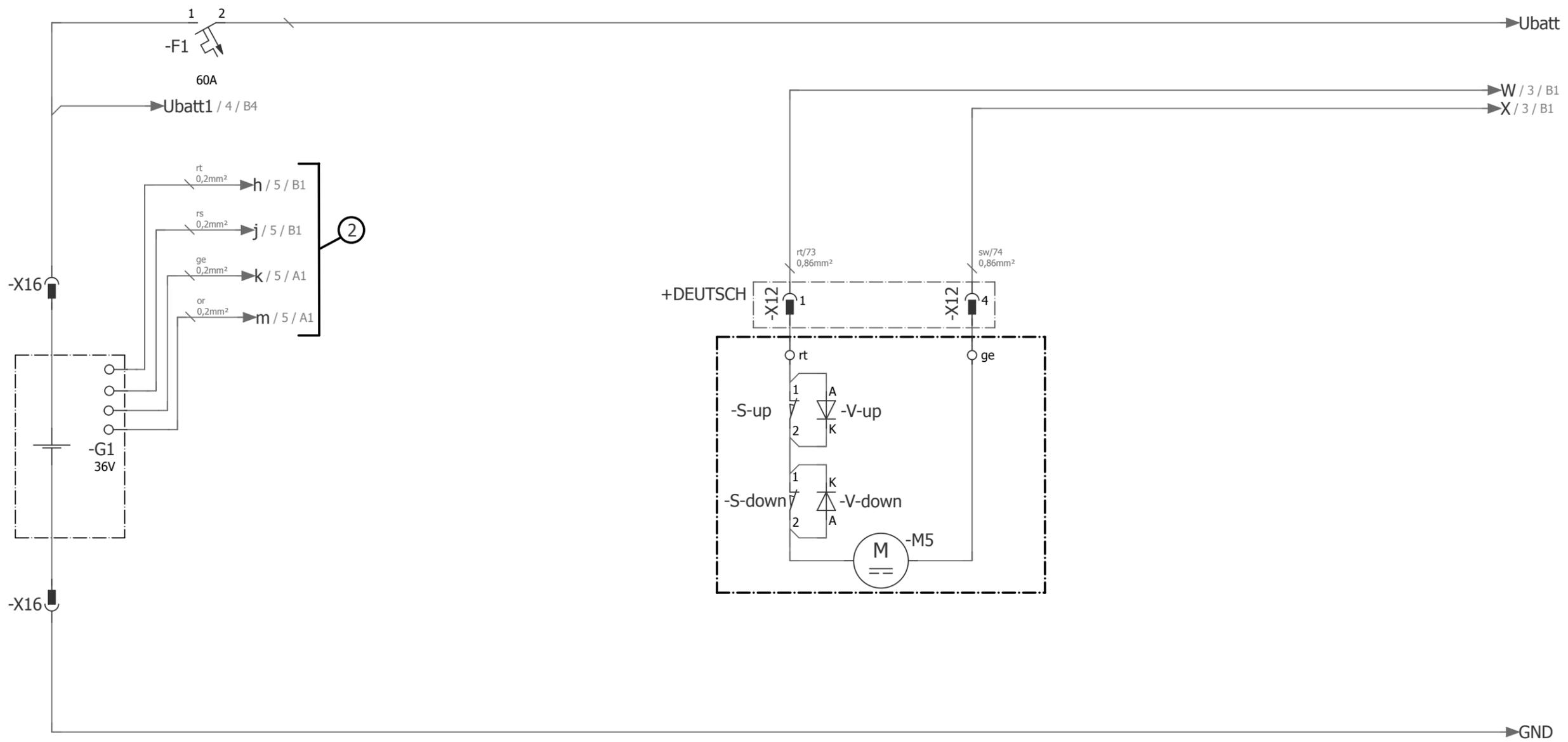
ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
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KARCHER

TOLERANCES: UNLESS OTHERWISE NOTED INCH: .X ± 0.1, .XX ± 0.03, .XXX ± 0.010 MILLIMETERS: X ± 3, X.X ± 0.8, X,XX ± 0.25 ± 1.0°		DESCRIPTION: Group electrical CV86 lithium	
SIZE: B	SCALE: NONE	DRAWING NUMBER: 86429100	REV: A
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: JA DATE: 06-18-18	SHEET: 5 OF 7



ADERFABEN	WIRE COLOR
ROT/RT	RED
SCHWARZ/SW	BLACK
WEIB/WS	WHITE
BRAUN/BN	BROWN
GELB/GE	BLUE
ORANGE/OR	YELLOW
GRAU/GR	ORANGE
GRUN/GN	GRAY
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TOLERANCES: UNLESS OTHERWISE NOTED INCH: .X ± 0.1, .XX ± 0.03, .XXX ± 0.010 MILLIMETERS: X ± 3, X,X ± 0.8, X,XX ± 0.25 ± 1.0°		DESCRIPTION: Group electrical CV86 lithium	
SIZE: B	SCALE: NONE	DRAWING NUMBER: 86429100	REV: A
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: JA DATE: 06-18-18	SHEET: 6 OF 7

THIRD ANGLE PROJECTION

B

B

A

A

D

GB

A1 FAHRSTEUERUNG
A2 CPU
A3 TCU (OPTION)

G1 BATTERY 36V

M1 BESENMOTOR
M2 BURSTENMOTOR
M3 FAHRMOTOR
M4 MOTOR-SAUGTURBINE
M5 HUBMOTOR

S0 NOT-AUS
S1 SCHLUSSELSCHALTER
S3 TASTER-VORW/RUCKW
S4 PLATTFORM

S6 TASTER-HUPE
S7 VAC SCHALTER

Q1 MAIN PROGRAMMSCHALTER

V8 BETRIEBSSTUNDENZAHLER

Y1 MAGNETBREMSE

V9 BATTERIEANZEIGE
V10 LITHIUM BDI

H1 LED
H2 HUPE

F1 PCB 60A
F2 IDRIVE 60A
F3 TCU 0.5A

**X12/X13/X14/X15 - DEUTSCH CONNECTOR

*X9/X10/X11 - PACKARD CONNECTOR

*X16 - ANDERSON

*X17/X18 - MOLEX

A1 IDRIVE CONTROL
A2 CPU CONTROL
A3 TCU (OPTION)

G1 BATTERY 36V

M1 BROOM MOTOR
M2 BRUSH MOTOR
M3 TRACTION MOTOR
M4 VACUUM MOTOR
M5 DECK ACTUATOR

S0 E STOP
S1 KEY SWITCH
S3 F/R SWITCH
S4 PLATFORM SWITCH

S6 HORN SWITCH
S7 VAC SWITCH

Q1 MAIN ROTARY

V8 HOUR METER

Y1 BRAKE

V9 BATTERY METER
V10 LITHIUM BDI

H1 BAG FULL LED
H2 HORN

F1 PCB 60A - U2
F2 IDRIVE 60A - U2
F3 TCU 0.5A

**X12/X13/X14/X15 - DEUTSCH CONNECTOR

*X9/X10/X11 - PACKARD CONNECTOR

*X16 - ANDERSON

*X17/X18 - MOLEX

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<small>TOLERANCES: UNLESS OTHERWISE NOTED</small> <table border="0"> <tr> <td>INCH</td> <td>MILLIMETERS</td> </tr> <tr> <td>.X ± 0.1</td> <td>X ± 3</td> </tr> <tr> <td>.XX ± 0.03</td> <td>X,X ± 0.8</td> </tr> <tr> <td>.XXX ± 0.010</td> <td>X,XX ± 0.25</td> </tr> </table>		INCH	MILLIMETERS	.X ± 0.1	X ± 3	.XX ± 0.03	X,X ± 0.8	.XXX ± 0.010	X,XX ± 0.25	<small>DESCRIPTION:</small> Group electrical CV86 lithium	
INCH	MILLIMETERS										
.X ± 0.1	X ± 3										
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<small>SIZE</small> B	<small>SCALE:</small> NONE	<small>DRAWING NUMBER:</small> 86429100	<small>REV</small> A								
<small>DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.</small>		<small>DRAWN BY:</small> JA	<small>DATE:</small> 06-18-18								
		 <small>THIRD ANGLE PROJECTION</small>	<small>SHEET:</small> 7 OF 7								

Serial Number

REF. NO.	MODEL: SERIAL #
1	10061510000847,10061530000110,10061590000259,10061610000042,10061680000482, 10061790000064,10125970000048
2	10125960000037, 10125970000201, 1012600000062
3	10126010000011

170 CV86 Serial Numbers

POS	Description	Quantity	Unit
10	SERIAL NUMBER PAGE	1.000	ST