

31002THD C4-A

Parts Breakdown - REV A



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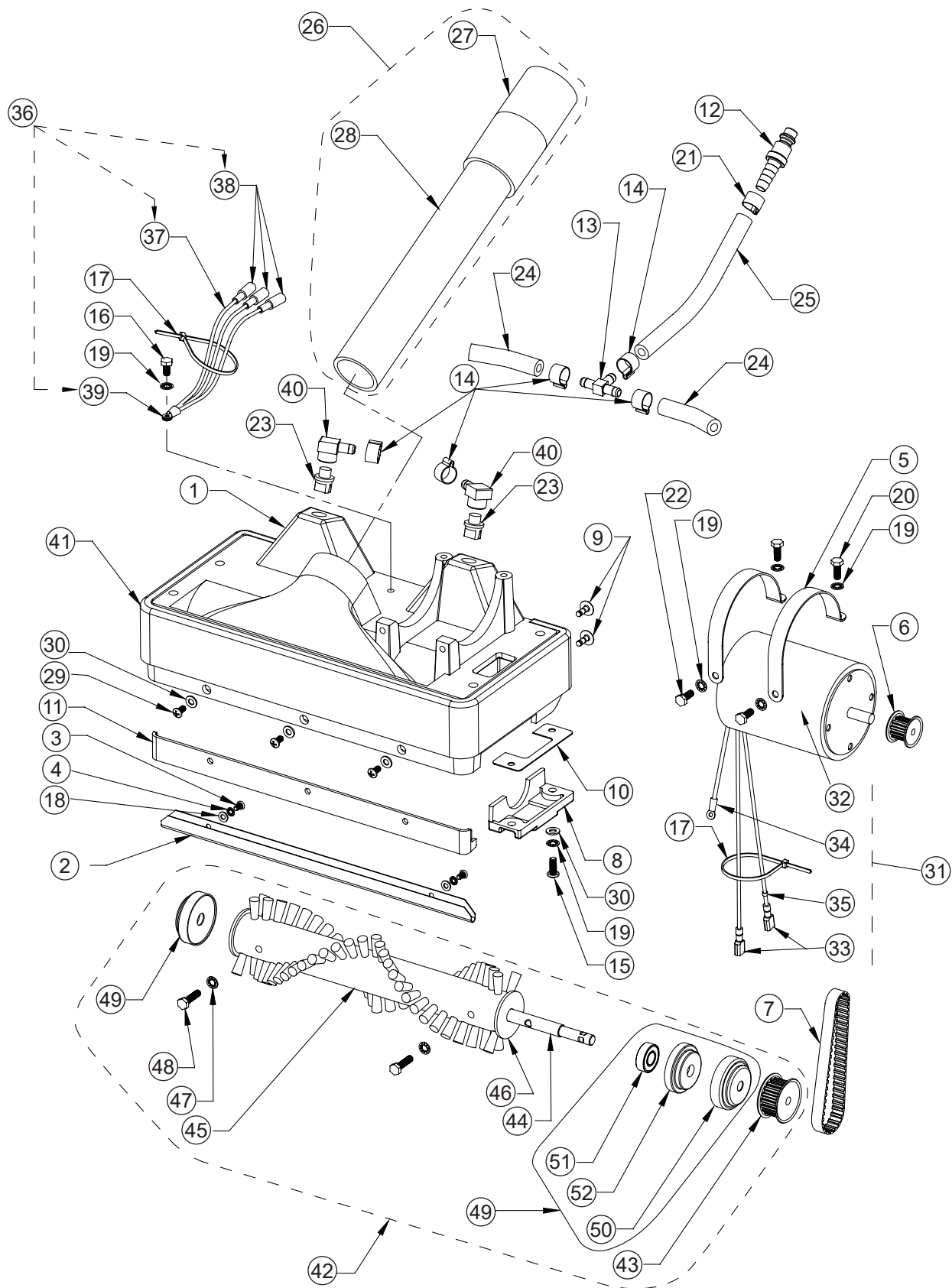
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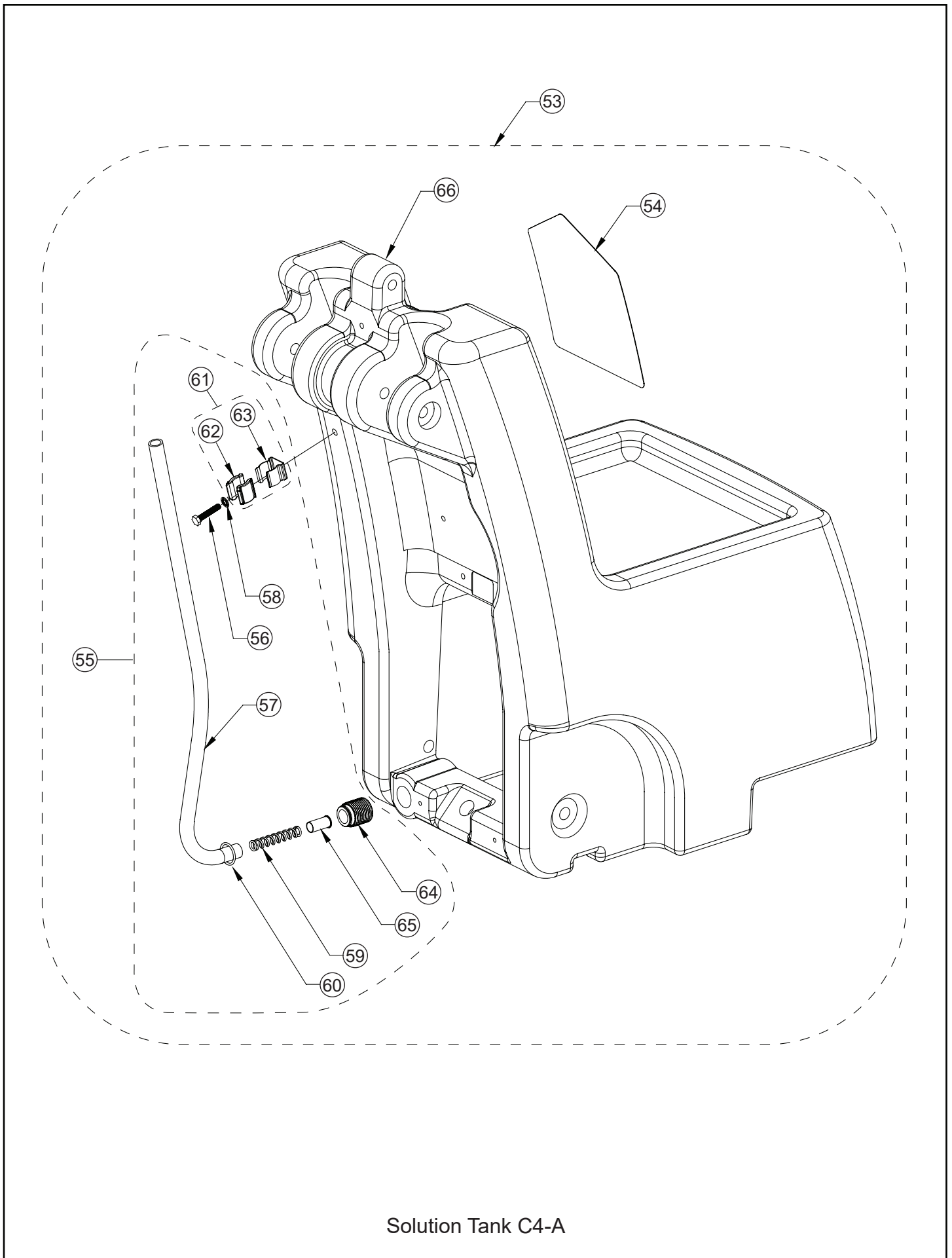
Model C4-A Parts List and Diagrams



Brush Assembly C4-A

Brush Assembly C4-A

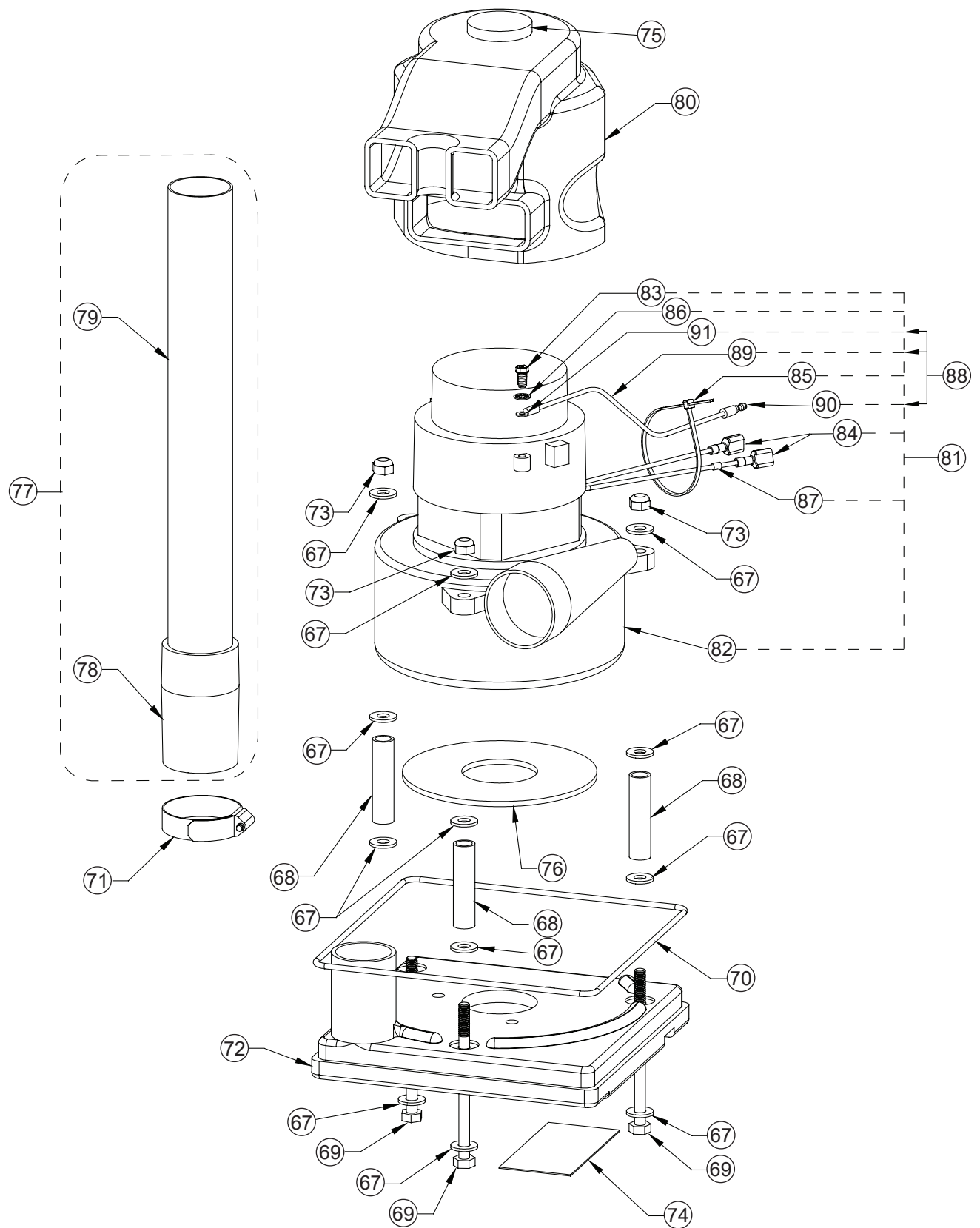
Ref #	Legacy #	Part #	Description	Qty
1	10001	7124157	Housing, Brush/Alum. Casting	1 ea
2	10002	7124158	Clip, Nozzle-Rear	1 ea
3	10004	7124159	Bolt, 6-32 x 1/4 Phil SS	2 ea
4	10005	7124160	Washer, Lock #6 SS	2 ea
5	10008	7124162	Strap, Motor Brush	2 ea
6	10009	7124163	Pulley, Threaded-Motor	1 ea
7	10011	7124165	Belt, Gear	1 ea
8	10016	7124168	Bracket, Brush	1 ea
9	10018	7124170	Rivet, Alum 5/32 x 1/4	4 ea
10	10025	7124173	Gasket, 2 Part-Brush/Sw. Panel	1 ea
11	10031	7124179	Clip, Nozzle-Front	1 ea
12	10038	7124182	Brass, Plug 1/4 Barb	1 ea
13	10040	7124184	Brass, T-1/4 x 1/4 x 1/4 Barb	1 ea
14	10057	7124193	Clamp, 1/4 Sol. Hose-Zinc	5 ea
15	10150	7124250	Bolt, 10-24 x 1/2 Phil SS	1 ea
16	10152	7124251	Bolt, 10-32 x 3/8 Hex Ground, Grn	1 ea
17	10158	7124256	Wire, Tie-6"	2 ea
18	10164	7124259	Washer, Flat #8 SS	2 ea
19	10174	7124264	Washer, Lock #10 SS	6 ea
20	10182	7124270	Bolt, 10-24 x 3/4 Hex SS	2 ea
21	10188	7124273	Clamp, 1/4 Sol. Hose SS	1 ea
22	10190	7124274	Bolt, 10-24 x 1/2 Hex SS	2 ea
23	10242	7124283	Spray Tip, Quick Dry	2 ea
24	10250	7125276	Hose, Solution-90D Elbow to T - 1/4 I.D. x 2 3/8	2 ea
25	10251	7125277	Hose, Solution-Plug to T - 1/4 I.D. x 21	1 ea
26	10256	7125279	Hose, Vac Nozzle to Disconnect with Cuff	1 ea
27	10077	7124207	Cuff, Hose-Female, Black	1 ea
28	10255	7125278	Hose, Vac Nozzle to Disconnect 1 1/4 I.D. x 21	1 ea
29	10274	7124286	Bolt, 8-32 x 5/16 Phil SS	3 ea
30	10275	7124287	Washer, Flat #10 SS	4 ea
31	18005	7125287	Motor-Brush Wired C4 115 Volt Assembly	1 ea
32	10007	7124161	Motor, Brush C-4 115 Volt, Unwired	1 ea
33	10104	7124220	Terminal, Spade-Male	2 ea
34	10131	7124240	Terminal, Ring #10	1 ea
35	10199	7124279	Tag, Wire B/Brush Motor (C4)	1 ea
36	18008	7125289	Wire, Green 14" Ground - Brush Housing	1 ea
37	N/A	N/A	Wire, 16 AWG Stranded Green	42 in
38	10107	7124223	Terminal, Bullet Female-Ground	3 ea
39	10131	7124240	Terminal, Ring #10	1 ea
40	18010	7124316	Brass, Elbow 90 D	2 ea
41	18018	7125295	Bumper, Assembly	1 ea
42	18210	7125301	Brush Core Sub-Assembly	1 ea
43	10010	7124164	Pulley, Set Screw-Shaft	1 ea
43B	10276	7124910	Set Screw 8/32 - Pulley (not shown)	2 ea
44	10012	7124166	Shaft, Brush	1 ea
45	10313	7124290	Brush, Reel (NFS) 9.43"	1 ea
46	10183	7124271	Washer, Brush Core	2 ea
47	10174	7124264	Washer, Lock #10 SS	2 ea
48	10182	7124270	Bolt, 10-24 x 3/4 Hex SS	2 ea
49	18016	7125294	Bearing Block Assembly	2 ea
50	10014	7124167	Bearing, Cap (metal)	1 ea
51	10017	7124169	Bearing, Ball SS	1 ea
52	10195	7124278	Bearing, Block (clear rubber)	1 ea



Solution Tank C4-A

Solution Tank C4-A

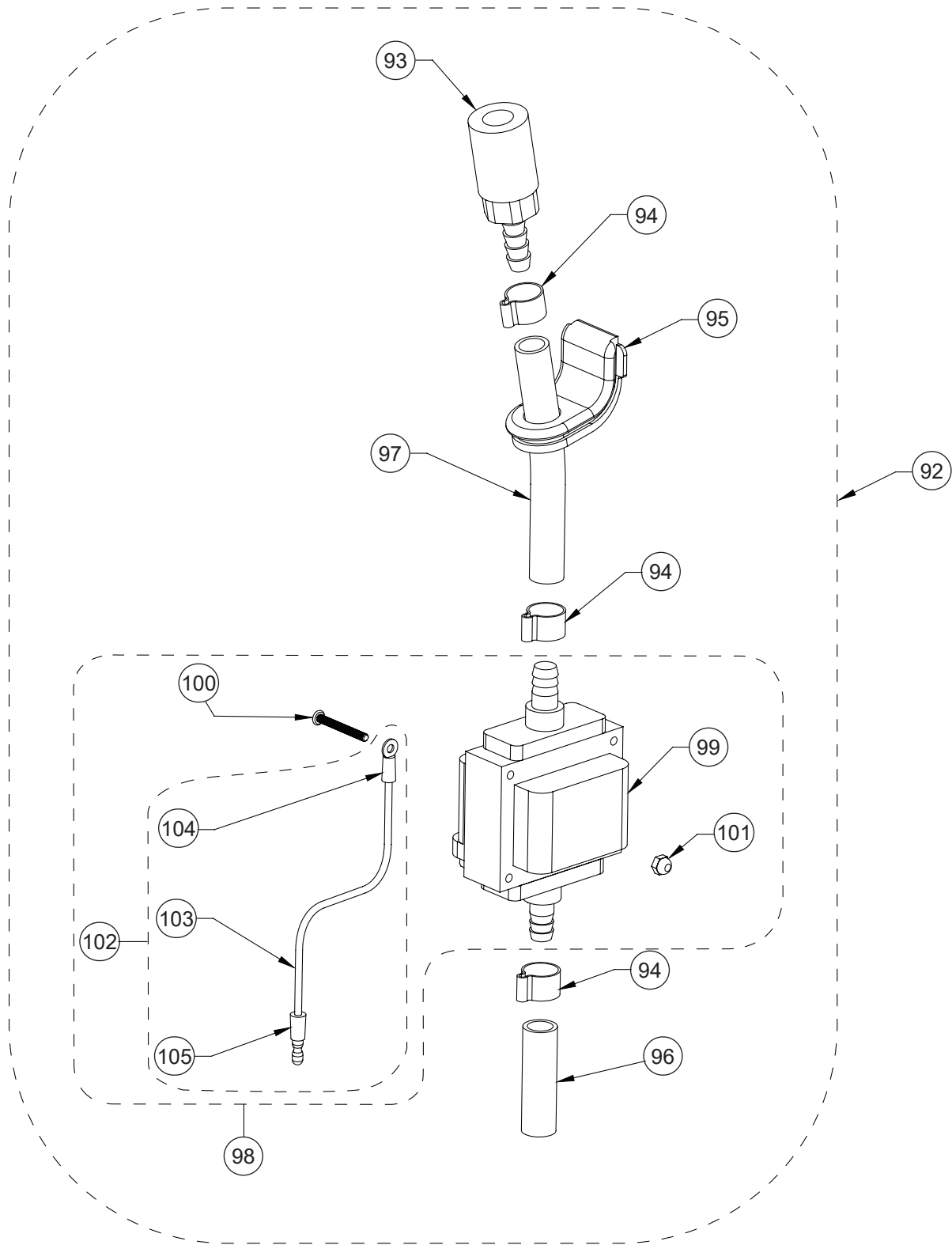
Ref #	Legacy #	Part #	Description	Qty
53	18009	7125290	Solution Tank, Assembly C4-A	1 ea
54	10094	7124214	Decal, "Note Pour Here"	1 ea
55	16006	7125768	Drain Kit - 16006	1 ea
56	10150	7124250	Bolt, 10-24 x 1/2 Phil SS	1 ea
57	10159	7125270	Drain Tube, 3/8 I.D., 1/2 O.D.	22.5 in
58	10174	7124264	Washer, Lock #10 SS	1 ea
59	10429	7124302	Drain, Spring SS C4-A	1 ea
60	10430	7124303	Drain, O-Ring	1 ea
61	10432	7125766	Drain Clip with Vinyl Sleeve	1 ea
62	10241	7124282	Cover, Drain Hose Clip	2 ea
63	10435	7124304	Drain, Clip	1 ea
64	18015	7125293	Drain, Threaded Sleeve w/Cart Assembly	1 ea
65	18204	7124318	Drain, Insert, Hose, Brass	1 ea
66	18020	7124407	Solution Tank, Gray C4-A	1 ea



Vacuum Assembly C4-A

Vacuum Assembly C4-A

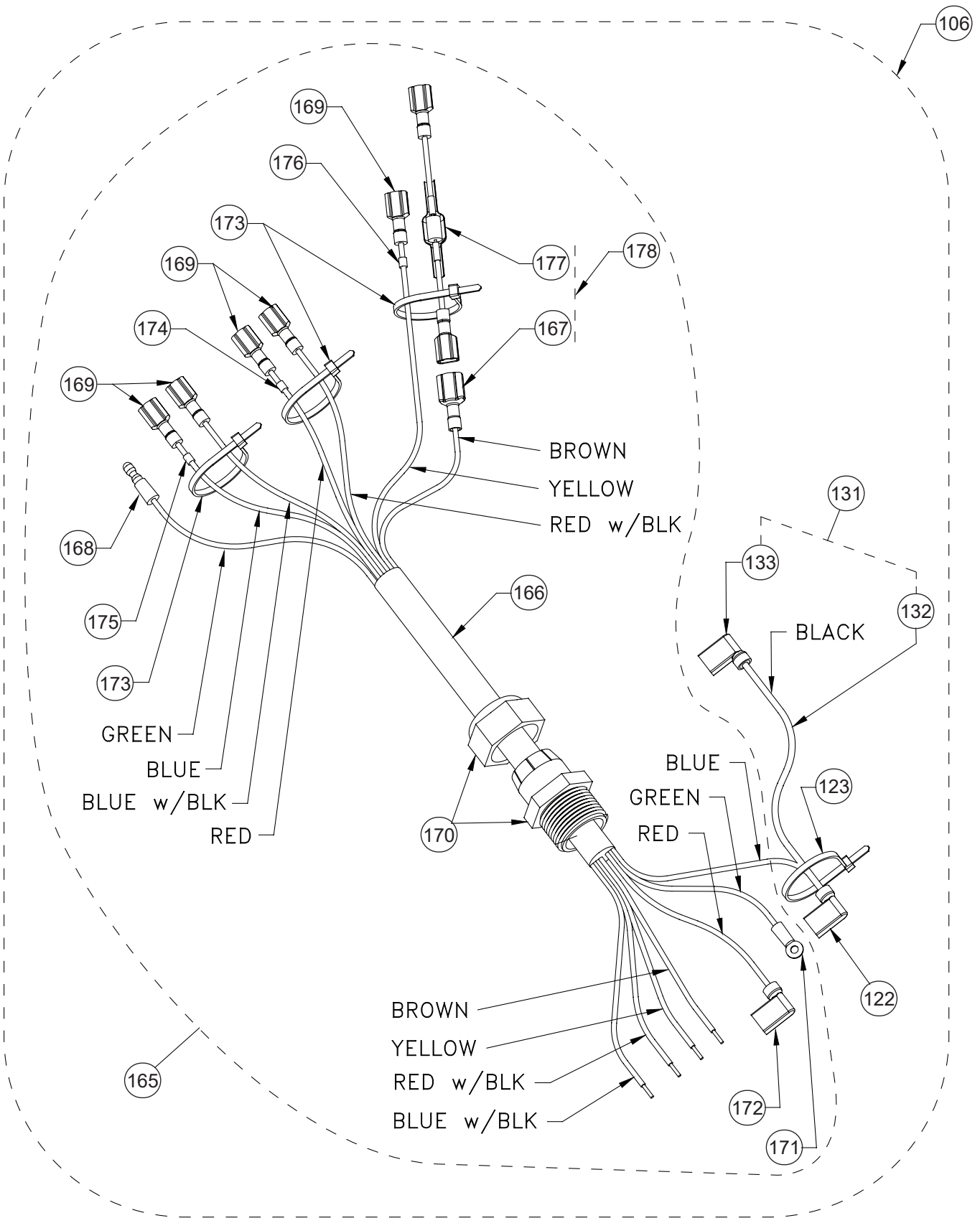
Ref #	Legacy #	Part #	Description	Qty
67	10061	7124196	Washer, Flat 1/4 SS	12 ea
68	10062	7124197	Stand-Off, Vac Motor-Alum.	3 ea
69	10063	7124198	Bolt, 1/4-20 x 3 3/4 Hex SS	3 ea
70	10068	7124200	O-Ring, Duct	1 ea
71	10071	7124202	Clamp Gear, Duct-1 3/4 SS	1 ea
72	10073	7124203	Duct, Vacuum	1 ea
73	10137	7124245	Nut, 1/4-20 Nylock SS	3 ea
74	10172	7124263	Decal, Caution-Duct	1 ea
75	10179	7125374	Gasket, Vacuum Motor Cover 3 X 1/4	1 ea
76	10232	7124281	Gasket, Lid / Duct-1/4 C4-A	1 ea
77	10258	7125280	Hose, Vacuum Duct to Lid w/Cuff Assembly	1 ea
78	10077	7124207	Cuff, Hose-Vac Duct Black	1 ea
79	10198	7125272	Hose, Vac-Duct to Lid 26	1 ea
80	10602	7124309	Motor Cover, Vac C4-A	1 ea
81	18007	7125288	Motor-Vacuum Wired C4 115 Volt Assembly	1 ea
82	10074	7124204	Motor, Vacuum-Unwired	1 ea
83	10088	7124211	Screw, #10 Self Tap Ground Green	1 ea
84	10104	7124220	Terminal, Spade-Male	2 ea
85	10158	7124256	Wire, Tie-6"	2 ea
86	10174	7124264	Washer, Lock #10 SS	1 ea
87	10194	7124277	Tag, Wire (V) Vacuum Motor	1 ea
88	18011	7125291	Wire, Green 14" Ground - Vac Motor	1 ea
89	N/A	N/A	Wire, 16 AWG Stranded Green	14 in
90	10106	7124222	Terminal, Bullet Male-Ground	1 ea
91	10131	7124240	Terminal, Ring #10	1 ea



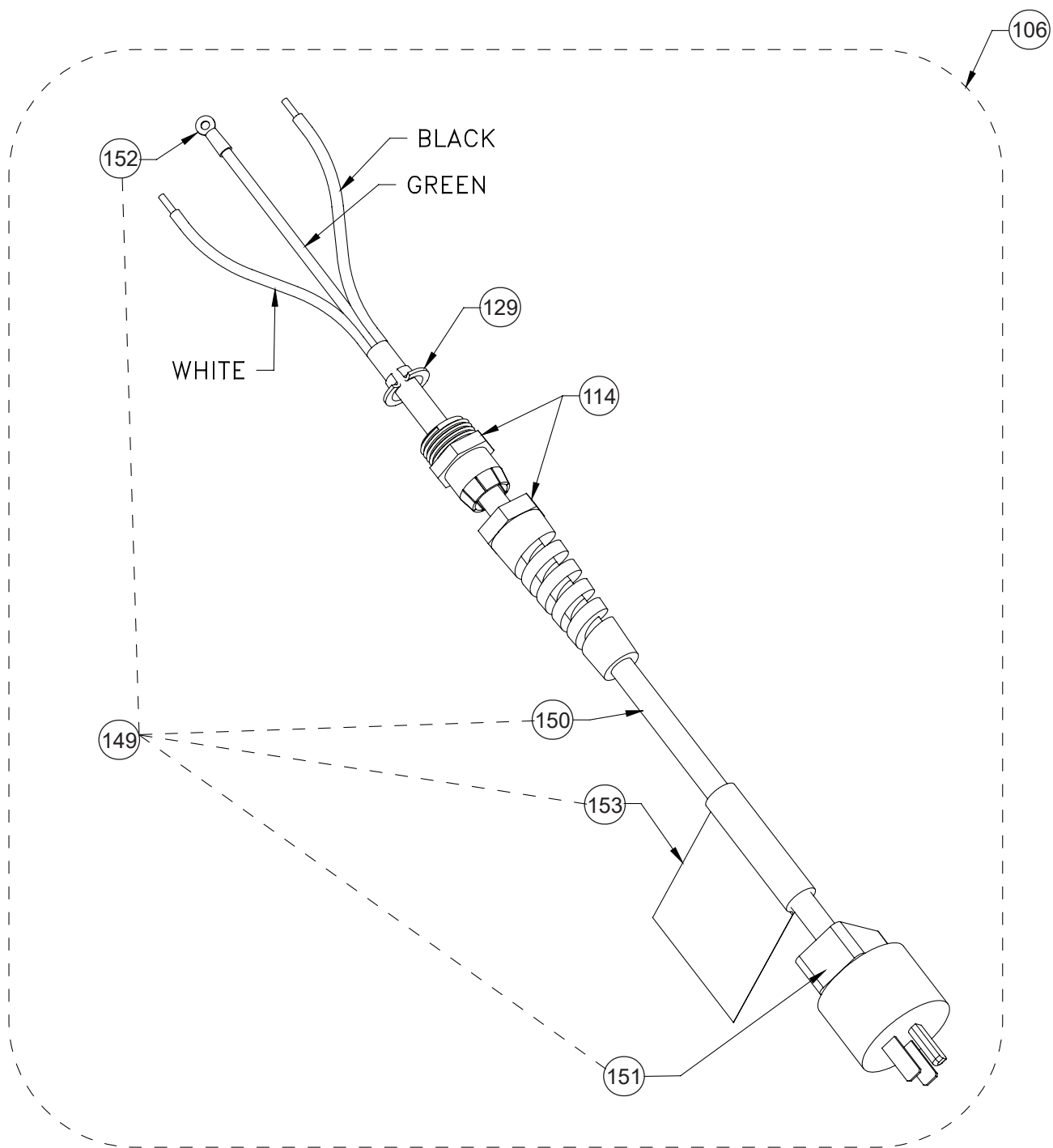
Pump Assembly C4-A

Pump Assembly C4-A

Ref #	Legacy #	Part #	Description		Qty
92	4PUMA	7125302	Pump, Motor Assembly		1 ea
93	10037	7124181		Coupler, Brass, 5/16 Barb-Auto	1 ea
93B	4059	7124462		Coupler Repair Kit (not shown)	1 ea
94	10146	7124248		Clamp, 5/16 Sol. Hose SS	3 ea
95	10163	7124258		Grommet, Pump, Door, C4-A	1 ea
96	10238	7125274		Hose, Sol. Pump Inlet-1 5/8 C4-A	1 ea
97	10239	7125275		Hose, Sol. Pump Outlet-3 3/4 C4-A	1 ea
98	18006	7125769	Motor, Pump 120V - Wired - 18006		1 ea
99	10048	7124188		Pump, Motor	1 ea
100	10132	7124241		Bolt, 4-40 x 1 Phil SS	1 ea
101	10133	7124242		Nut, 4-40 Nylock SS	1 ea
102	18012	7125292	Wire, Green 4" Ground - Pump		1 ea
103	N/A	N/A		Wire, 16 AWG Stranded Green	4 in
104	10105	7124221		Terminal, Ring #4	1 ea
105	10106	7124222		Terminal, Bullet Male-Ground	1 ea



Handle Assembly C4-A



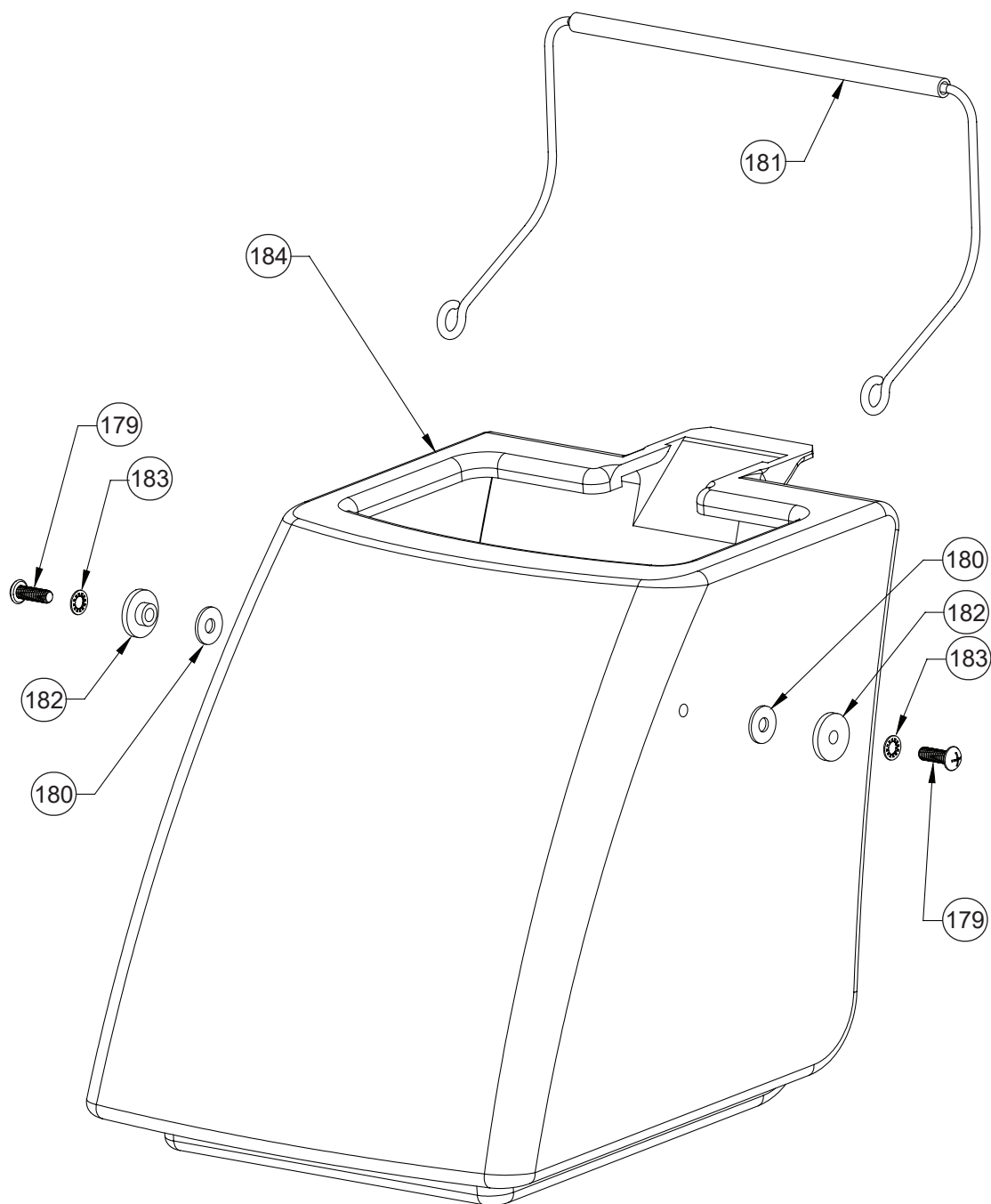
Handle Assembly C4-A

Handle Assembly C4-A

Ref #	Legacy #	Part #	Description	Qty
106	5HAN	7125303	Handle Assembly	1 ea
107	2037	7124117	Bolt, 8-32 x 3/4 Hex SS	2 ea
108	10600	7124405	Handle, Machine-Gray	1 ea
109	10025	7124173	Gasket 2 Part-Brush/Sw. Panel	1 ea
110	10026	7124174	Bolt, 6-32 x 3/8 Phil Flat SS	4 ea
111	10028	7124176	Shaft, Plunger-Detent	1 ea
112	10029	7124177	Handle, "T" Detent	1 ea
113	10030	7124178	Spring, Detent-SS	1 ea
114	10111	7124226	Strain Relief-Power Cord	1 ea
115	10112	7124227	Nut, Strain-Relief Power Cord	1 ea
116	10113	7124228	Circuit Breaker, 120V	1 ea
117	10115	7124229	Nut, Strain-Relief Cable 8	1 ea
118	10118	7124231	Control Panel-110V, Powder Coated	1 ea
119	10118DECAL	7124328	Decal, Control Panel	1 ea
120	10123	7124235	Washer, Lock-3/4	1 ea
121	10130	7124239	Decal, Handle Adjustment	1 ea
122	10148	7124249	Terminal, Connector-Flag	1 ea
123	10158	7124256	Wire Ties-6	4 ea
124	10164	7124259	Washer, Flat #8 SS	2 ea
125	10165	7124260	Bolt, 10-24 x 5/8 Hex SS	4 ea
126	10166	7124261	Nut, 10-24 Nylock SS	2 ea
127	10174	7124264	Washer, Lock #10 SS	3 ea
128	10175	7124265	Washer Lock #8	2 ea
129	10192	7124275	Crimp, Strain Relief, Power Cord	1 ea
130	10193	7124276	Nut, 10-32 Ground-Green	1 ea
131	10228	7125273	Wire, Black 5" Flag Cntr.-Hour Meter	2 ea
132	10160	7124257	Wire, Black - 18 Gauge Bulk (NFS)	12 in
133	10148	7124249	Terminal, Connector-Flag	1 ea
134	10267	7124284	Lever Nut, Five Port	2 ea
135	10277	7124288	3-Port Connector, WAGO	1 ea
136	10308	7124289	Switch, Rocker w/Cap	2 ea
137	10319	7124293	Bracket, Cord Wrap-Upper w/ Protector	1 ea
138	10322	7124294	Bracket, Cord Wrap-Lower w/ Protector	1 ea
139	10403	7125281	Wire, Black 8" FML Cntr.-H.T.Switch to Lever Nut	1 ea
140	N/A	N/A	Wire, 16 AWG Stranded Black	8 in
141	10119	7124232	Terminal, Spade Female-18 Gauge	1 ea
142	10404	7125282	Wire, Brown 8" FML Cntr.-H.T. Switch to Lever Nut	1 ea
143	10129	7124894	Wire, Brown - 16 Gauge Bulk (NFS)	8 in
144	10119	7124232	Terminal, Spade Female-18 Gauge	1 ea
145	10410	7125284	Wire, Black 8" Flag Cntr.-S. Switch to Lever Nut	1 ea
146	N/A	N/A	Wire, 16 AWG Stranded Black	8 in
147	10148	7124249	Terminal, Connector-Flag	1 ea
148	10423	7124299	Hour Meter, Unwired	1 ea
149	18205	7125298	Cord, Power Assembly Handle	1 ea
150	10110	7124225	Power Cord - Bulk	25 ft
151	10109	7124224	Plug, Power Cord	1 ea
152	10131	7124240	Terminal, Ring #10	1 ea
153	10171	7124262	Decal, Warning-Power Cord	1 ea

Handle Assembly C4-A

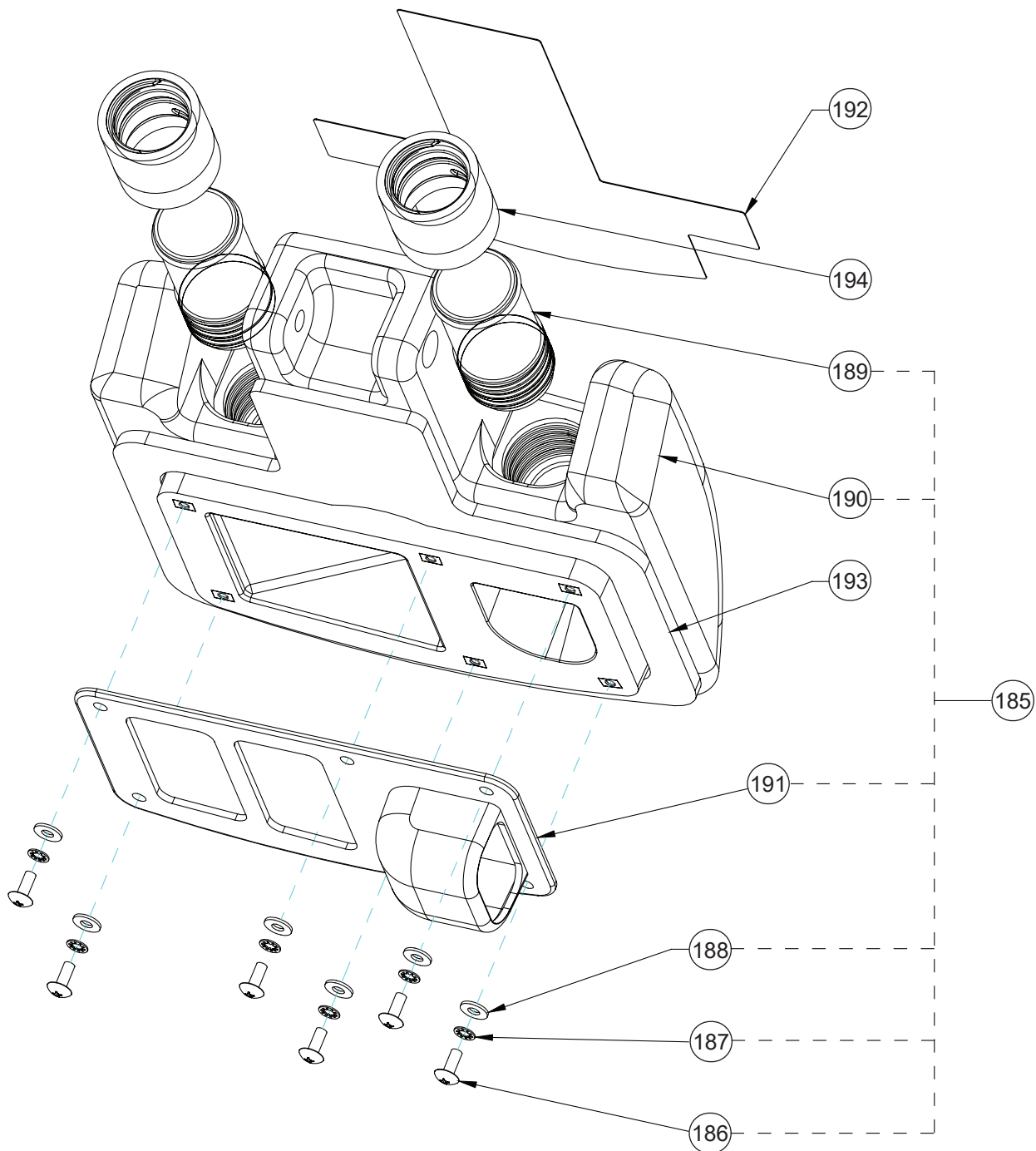
Ref #	Legacy #	Part #	Description	Qty
154	18032	7125297	Switch, Trigger Asm	1 ea
155	10148	7124249	Terminal, Connector-Flag	1 ea
156	18033	7124317	Trigger Switch Assembly w/ Zippy Switches	1 ea
157	18030	7124552	Bracket Assembly Without Switch	1 ea
158	10248	7124502	Nut, 2-56 Nylock SS	2 ea
159	10263	7124557	Bolt, 2-56 Shoulder SS	2 ea
160	10279	7124912	O-Ring, Switch Trigger	2 ea
161	18035	7125770	Zippy Switch - Pump Assembly - 18035	1 ea
162	18036	7125771	Zippy Switch - Brush Assembly - 18036	1 ea
163	17097	7124313	Tag, Wire B	1 ea
164	17099	7124315	Wire Tag P - 8-Wire	1 ea
165	18206	7125299	Cable (8 Wire) Assembly Handle to Motors	1 ea
166	10116	7124230	Cable, 8 Wire - Bulk (NFS)	44 in
167	10104	7124220	Terminal, Spade Male	1 ea
168	10106	7124222	Terminal, Bullet Male, Ground	1 ea
169	10119	7124232	Terminal, Spade Female-18 Gauge	5 ea
170	10121	7124233	Strain Relief, Cable-Wire 8	1 ea
171	10131	7124240	Terminal, Ring #10	1 ea
172	10148	7124249	Terminal, Connector-Flag	1 ea
173	10158	7124256	Wire, Tie-6"	3 ea
174	17097	7124313	Tag, Wire B/8-Wire	1 ea
175	17098	7124314	Tag, Wire V/8-Wire	1 ea
176	17099	7124315	Tag, Wire P - 8-Wire	1 ea
177	10409	7125283	Diode Assembly	1 ea
	10200	7124759	Wire Tag P - Pump for Diode	1 ea
	10119	7124232	Terminal, Spade Female-18 AWG	2 ea
	10122	7124234	Diode	1 ea
	10135	7124244	Parallel, Splice-Uninsulated	2 ea
	10419	7125285	Wire, Black, 1 1/2-Diode	2 ea
	10420	7125286	Heat Shrink, 2	1 ea
178	16003	7125767	Diode Kit -16003	1 ea
177	10409	7125283	Diode Assembly	1 ea
167	10104	7124220	Terminal, Spade Male	1 ea



Bucket Assembly C4-A

Bucket Assembly C4-A

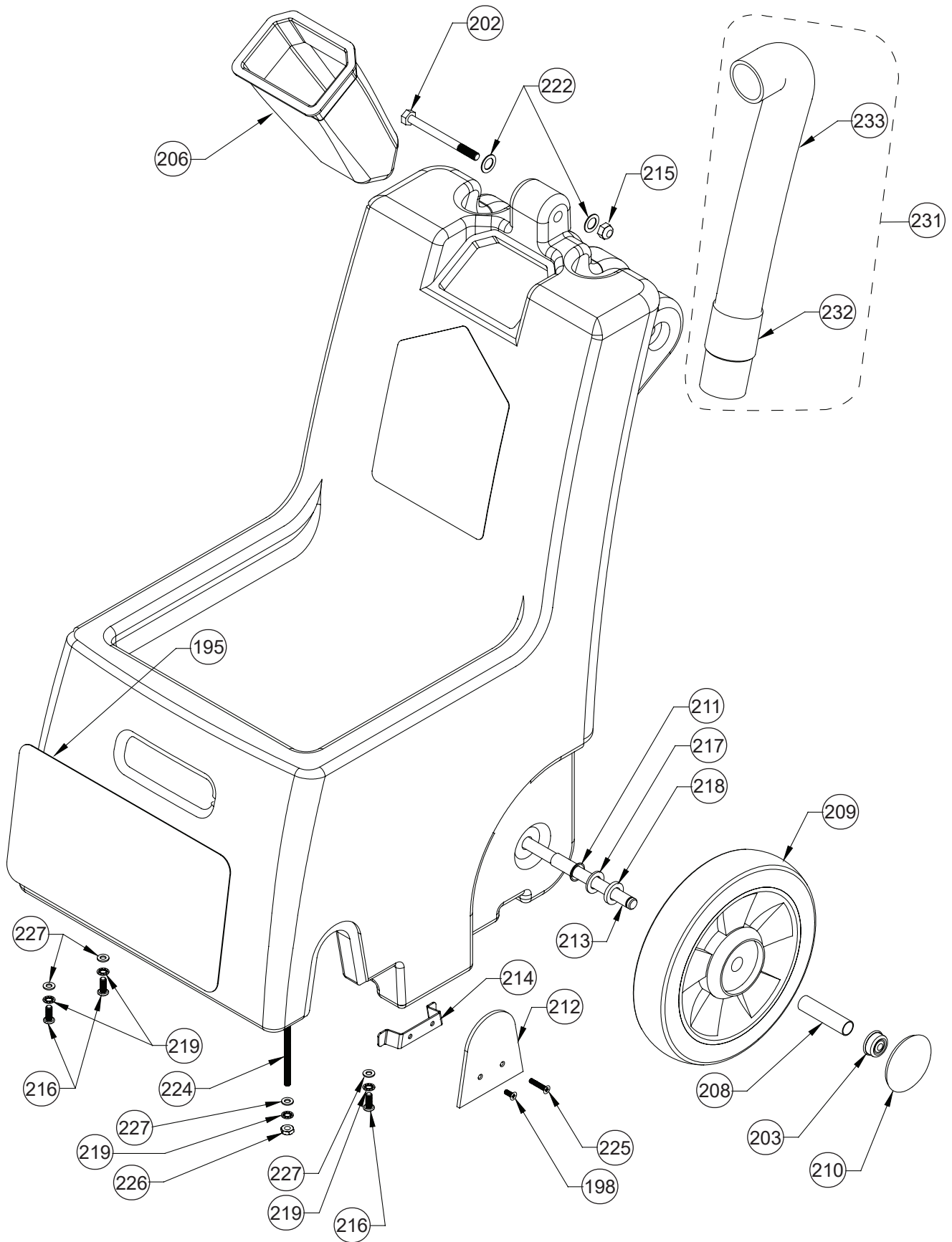
Ref #	Legacy #	Part #	Description	Qty
179	10039	7124183	Bolt, 1/4-20 x 3/4 Phil SS	2 ea
180	10061	7124196	Washer, Flat 1/4 SS	2 ea
181	10086	7124209	Handle, Bucket Bail	1 ea
182	10087	7124210	Bushing, Flanged-Bucket	2 ea
183	10176	7124266	Washer, Lock 1/4	2 ea
184	10604-BL	7124331	Bucket C4-A, Blue	1 ea



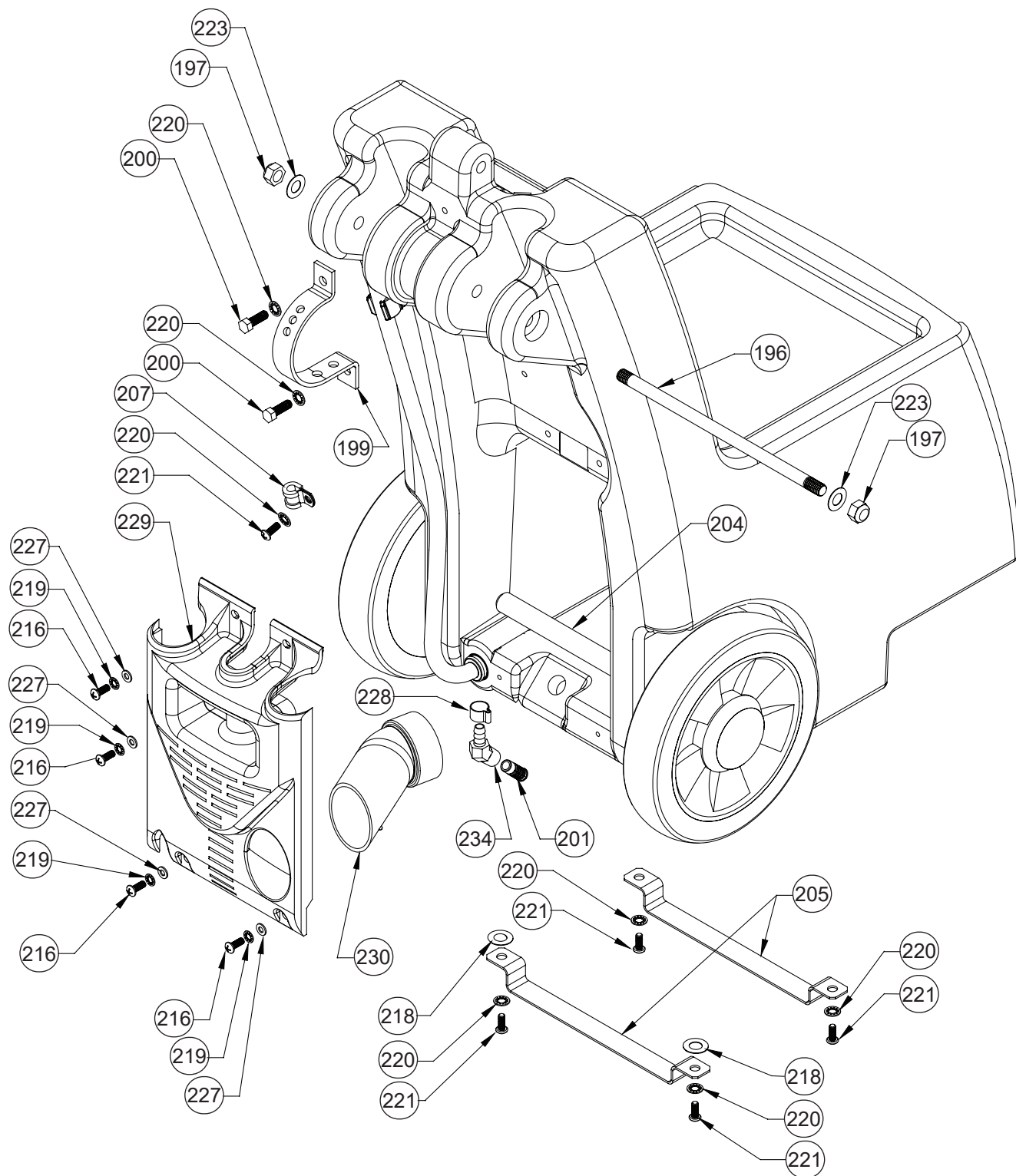
Lid Assembly C4-A

Lid Assembly C4-A

Ref #	Legacy #	Part #	Description	Qty
185	7LIDLM	7125773	Lid Assembly - Quick Dry - 7LIDLM	1 ea
186	10150	7124250	Bolt, 10-24 x 1/2 Phil SS	6 ea
187	10174	7124264	Washer, Lock #10 SS	6 ea
188	10275	7124287	Washer, Flat #10 SS	6 ea
189	10377	7124296	Sight Tube 3"	2 ea
190	10601	7124406	Lid, Gray (NFS)	1 ea
191	10609	7124312	Lid, Plate Black	1 ea
192	10480	7124308	Decal, Instruction- Lid QD	1 ea
193	10232	7124281	Gasket Lid/Duct 1/4 C4-A	1 ea
194	10382	7124297	Cuff, Hose-Lid	2 ea



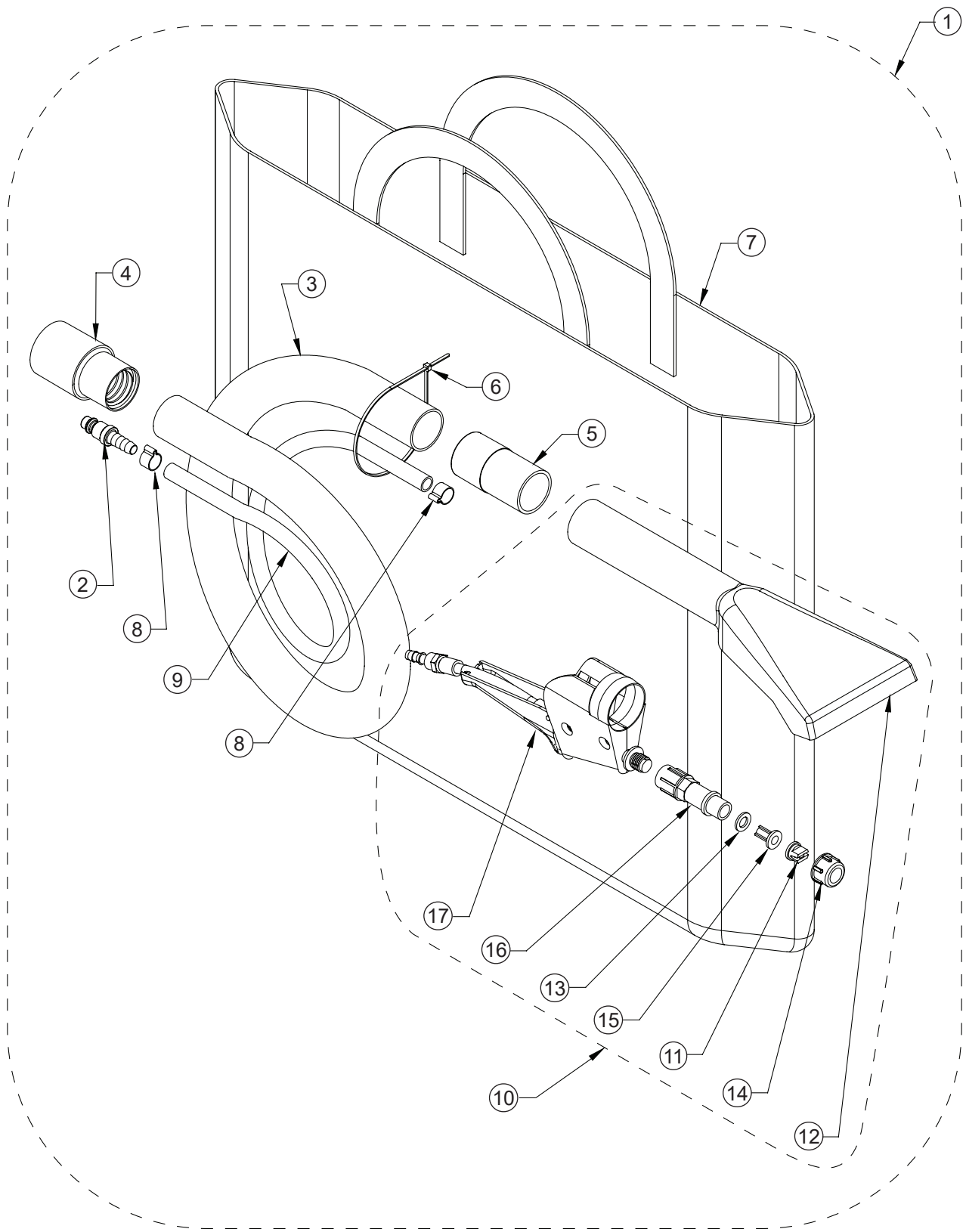
Final Assembly C4-A



Final Assembly C4-A

Final Assembly C4-A

Ref #	Legacy #	Part #	Description	Qty
195	7216	7124743	Decal, Purent	1 ea
196	10023	7124171	Stud, Handle Mount-3/8 Alum	1 ea
197	10024	7124172	Nut, 3/8 16-Nylock	2 ea
198	10026	7124174	Bolt, 6-32 x 3/8 Phil Flat SS	1 ea
199	10027	7124175	Bracket, Detent-Handle Adjust	1 ea
200	10035	7124180	Bolt, 1/4-20 x 3/4 Hex SS	2 ea
201	10044	7124186	Filter, S Tank to Pump	1 ea
202	10047	7124187	Bolt, 1/4-20 x 3 Hex SS	1 ea
203	10067	7124199	Cap, Shaft-Axle	2 ea
204	10072	7124846	Tube, Shaft, Wheel-1/2 I.D. x 6	1 ea
205	10076	7124206	Strap, Duct	2 ea
206	10090	7124212	Filter Bag, Sol. Tank	1 ea
207	10093	7124213	Clamp, Loop Cushioned-3/8	1 ea
208	10096	7124215	Spacer, Wheel	2 ea
209	10097	7124216	Wheel, 7"	2 ea
210	10098	7124217	Hub Cap, Wheel-Black	2 ea
211	10099	7124218	Brass Eyelet	2 ea
212	10100-GY	7124327	Cover, Belt-Gray	1 ea
213	10102	7124219	Shaft, Wheel SS	1 ea
214	10127	7124238	Bracket, Cover Belt	1 ea
215	10137	7124245	Nut 1/4-20 Nylock SS	1 ea
216	10150	7124250	Bolt, 10-24 x 1/2 Phil SS	7 ea
217	10156	7124254	Spacer, Nylon-Wheel (Thin)	1 ea
218	10157	7124255	Spacer, Nylon-Wheel (Thick)	4 ea
219	10174	7124264	Washer, Lock #10 SS	8 ea
220	10176	7124266	Washer, Lock 1/4 SS	7 ea
221	10178	7124267	Bolt, 1/4-20 x 5/8 Phil SS	5 ea
222	10180	7124268	Washer, .39 x .625 x .031 SS	2 ea
223	10181	7124269	Washer, .39 x .75 x .02 SS	2 ea
224	10187	7124272	Stud, Threaded 10-24 x 2 7/8 SS	1 ea
225	10230	7124280	Bolt, 6-32 x 3/4 Phil Flat SS	1 ea
226	10273	7124285	Nut, 10-24 Hex SS	1 ea
227	10275	7124287	Washer, Flat #10 SS	8 ea
228	10329	7124295	Clamp, Gear Pump 5/8"	1 ea
229	10606	7124310	Door, Gray C4-A	1 ea
230	10608	7124311	Tube, Exhaust, Black C4-A	1 ea
231	18208	7125300	Hose Vac-Lid to Disconnect with Cuff	1 ea
232	10075	7124205	Cuff, Hose-Male Gray	1 ea
233	10197	7125271	Hose, Vac-Lid to Disconnect Length 13 1/2	1 ea
234	18211	7124319	Brass, Elbow-45D	1 ea



Hand Tool Kit C4-A

Hand Tool Kit C4-A					
Ref #	Legacy #	Part #	Description		Qty
1	8HTK	80595	Hand Tool Kit - 8HTK		1 ea
2	10038	7124182		Brass, Plug 1/4 Barb	1 ea
3	10053	7124622		Hose, Vac-H.T. 1" x 10' With Cuffs	1 ea
4	10055	7124191		Cuff, Hose-Enlarger 1 to 1 1/4	1 ea
5	10056	7124192		Cuff, Hose-Straight 1	1 ea
6	10058	7124194		Wire, Tie-11	4 ea
7	10059	7124195		Bag, H.T. - Gray With Print	1 ea
8	10188	7124273		Clamp, 1/4 Sol. Hose SS	2 ea
9	10196	7124706		Hose, Sol. Hand Tool 1/4 I.D. x 126	1 ea
10	18209	7125772		Hand Tool Assembled - 18209	1 ea
11	10050	7124189		Spray Tip, 11002-Hand Tool	1 ea
12	18302	7124320		H.T. Plastic Body	1 ea
13	18305	7124321		H.T. Washer, Spray Tip	1 ea
14	18306	7124322		H.T. Ring, Spray Tip	1 ea
15	18307	7124323		H.T. Filter, Spray Tip	1 ea
16	18311	7124769		H.T. Tube Ext.	1 ea
17	18310	7124651		H.T. Valve Assembly	1 ea

Not Shown in IPL

235	7201	7126589			Test Cable, Pump Only	1 ea
236	7202	7126590			Test Cable, Vac & Drive Motor	1 ea
237	10417	7124298			Decal, Machine Logo - HDTR	1 ea
238	N/A	7126503			Label, Carpet Express, SIM	1 ea