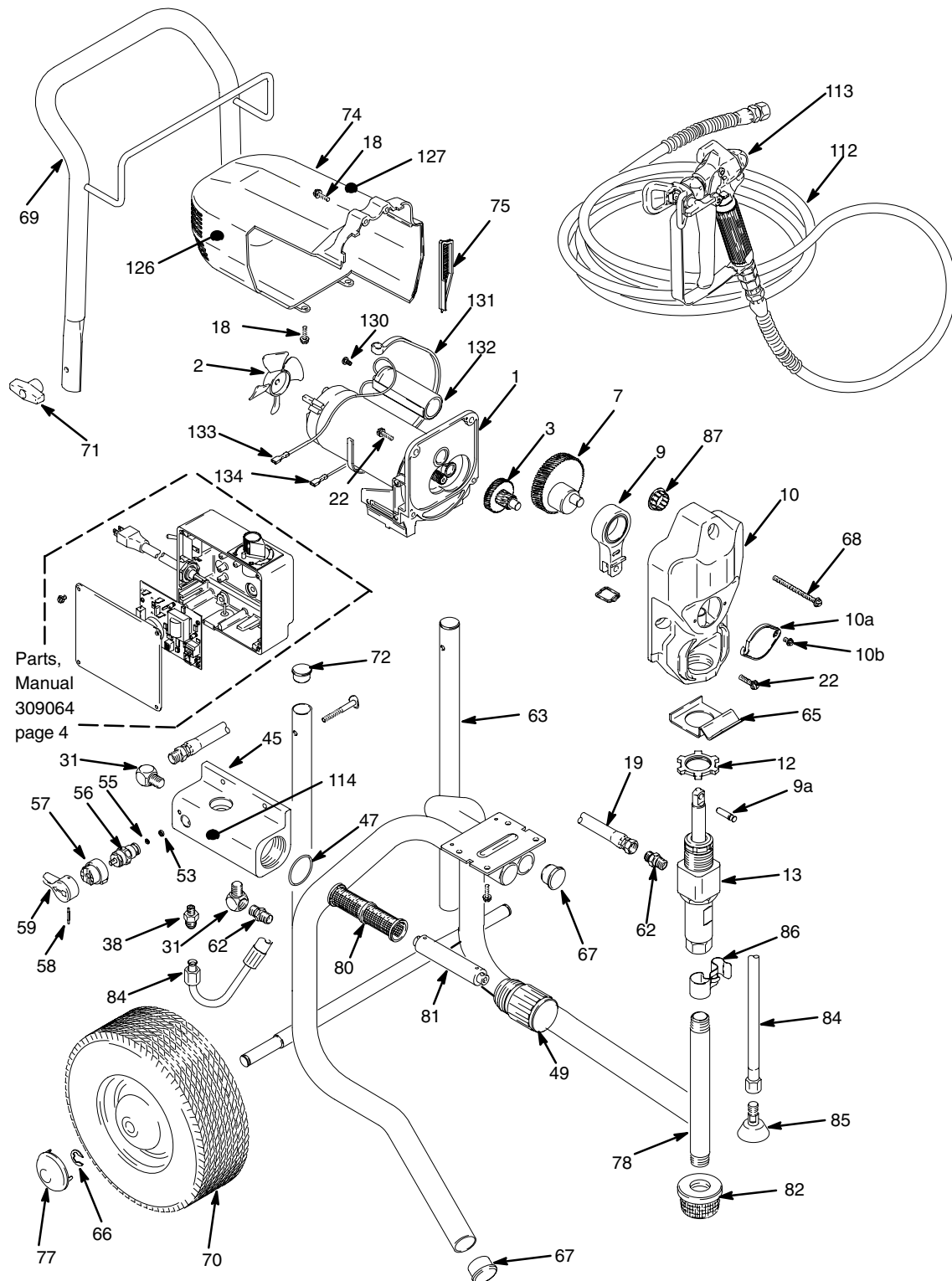


190ES Hi-Cart

3000 psi (207 bar, 20.7 MPa) Maximum Working Pressure



Parts List

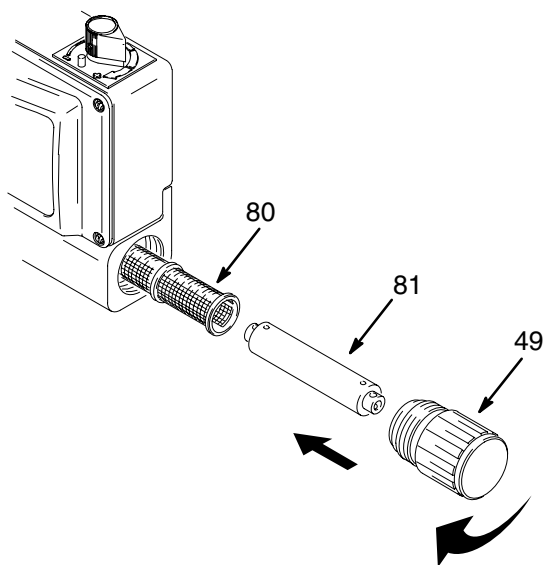
REF NO.	PART NO.	DESCRIPTION	QTY	REF NO.	PART NO.	DESCRIPTION	QTY
1	242009*	MOTOR, 120 vac	1	68	115097	SCREW, curved head	2
2	115525	BLADE, fan motor	1	69	241938	HANDLE, cart	1
3	243219	GEAR, combination	1	70	106062	WHEEL, semi-pneumatic	2
7	243218	CRANK SHAFT	1	71	115480	KNOB, t-handle	2
9	243221	CONNECTING ROD	1	72	105521	PLUG, tubing	4
		includes 9a and 9b		74	243217	SHROUD, motor,kit	1
9a	195175	PIN, pump	1			includes 18, 75, 126, 127	
9b	195512	RETAINER, pin	1	75	195503	VENT, side	1
10	243220	DRIVE HOUSING	1	77	104811	CAP, hub	2
		includes 10a and 10b		78	198973	TUBE, suction	1
10a	195099	COVER	1	80	243080✓	FILTER, fluid	1
10b	115492	SCREW	2	81	196773	FILTER, insert	1
12	195150	NUT, jam, pump	1	82	183770	STRAINER, kit	1
13	243187	PUMP	1	84	244042	HOSE, drain,	1
		Manual 309060		85	241920	DEFLECTOR, threaded	1
18	115492	SCREW, mach slot hex, washer hd	4	86	195696	CLIP, spring	1
19	241926	HOSE, coupled, high pressure	1	87	115979	PLUG	1
22	115495	SCREW, slot hd, hex, washer hd	8	112	243012	GUN, SG3 (517 RST Tip manual 309061)	1
31	195847	ADAPTER, pipe, hex	2				
38	116150	FITTING, adapter	1	113	241923	HOSE, 1/4 in. x 50 ft (15 m)	1
45	195157	HOUSING, filter	1	114	195811	LABEL, instruction	1
47	104361	O-RING	1	126	195833▲	LABEL, WARNING	1
49	195139	CAP, filter	1	127	195838▲	LABEL, DANGER	1
53	111699	GASKET, seat, valve	1	130	115762	SCREW	2
55	187615	VALVE, seat	1	131	103546	WRAP, tie	1
56	235014	ASSY, drain valve	1	132	243415	CAPACITOR	1
		includes 53 and 55		133	195936	WIRE, jumper, red	1
57	224807	ASSY, cam, drain valve	1	134	195937	WIRE, jumper, black	1
58	111600	PIN, grooved	1				
59	187625	HANDLE, valve, drain	1				
62	162453	NIPPLE, 1/4 npt(m) x 1/4 npsm	2				
63	241934	FRAME, cart	1				
65	195497	HOOK, pail	1				
66	101242	RING, retaining, external	2				
67	107310	PLUG, tubing	4				

▲ Extra Danger and Warning tags and labels available free.

* Motor Brush Kit 243215 is available

✓ Other filters available: 243081, 100 mesh
243226, 200 mesh

Manifold Filter



1. Unscrew filter cap (49).
2. Remove filter and insert (80, 81).
3. Clean filter and insert.
4. Reinstall filter and insert.
5. Replace filter cap and hand tighten.

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