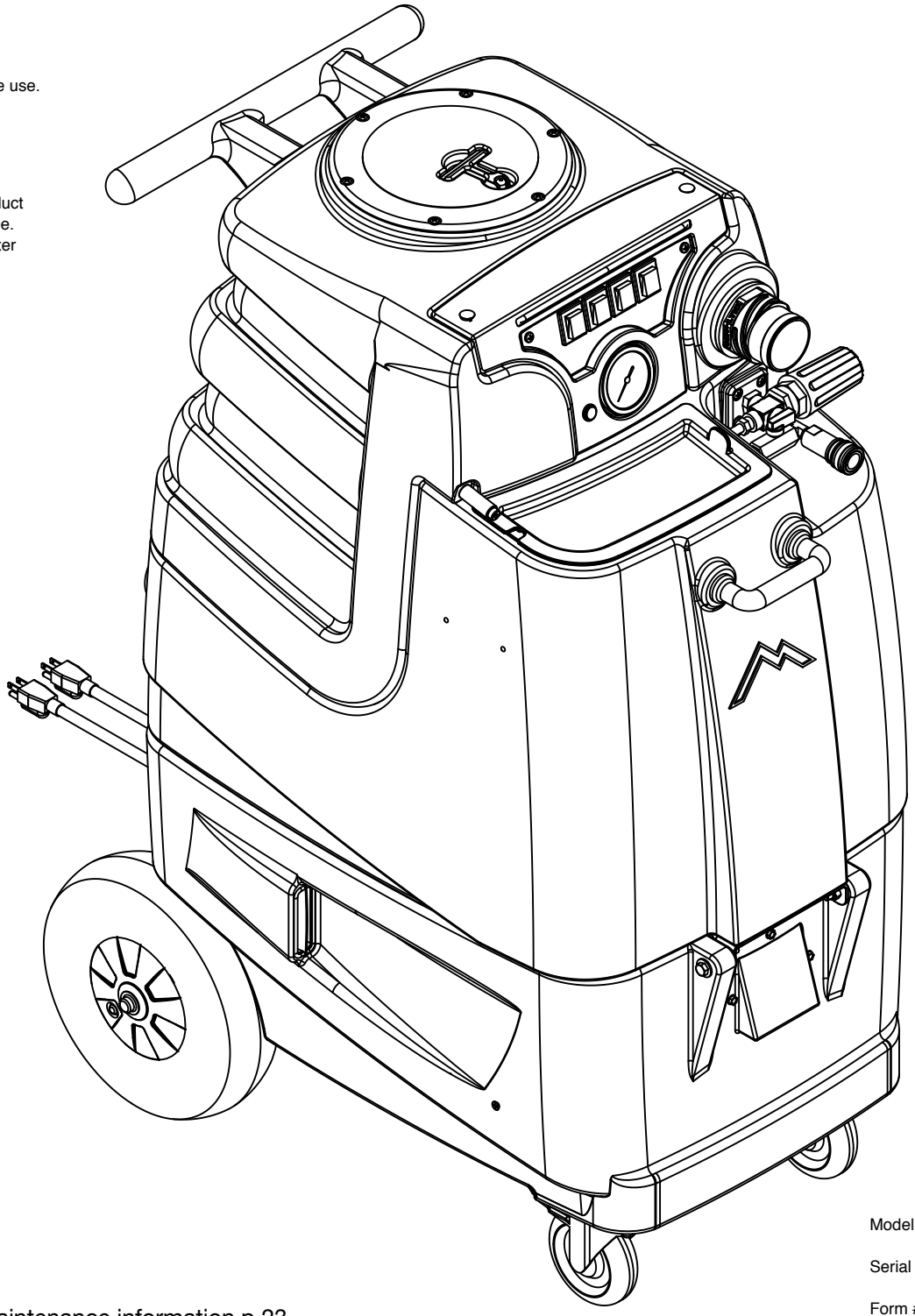
Instructions for
Speedster® LTD3, LTD5 & LTD12

Please read before use.

STOP

Register your product at http://www.mytee.com/support/register



Model # _____

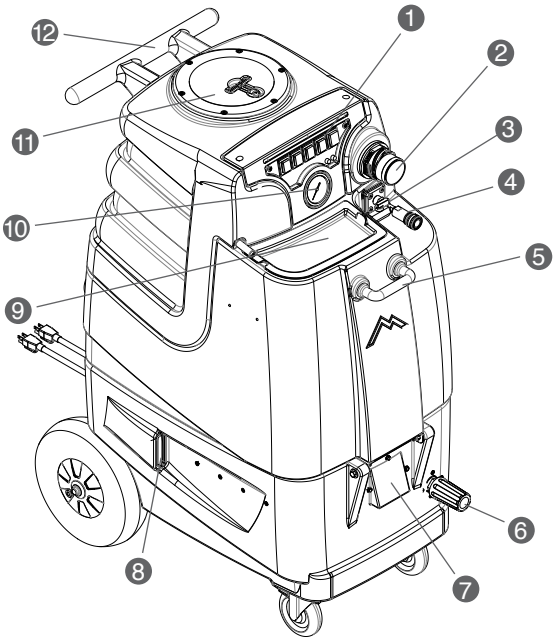
Serial # _____

Form # ADP-SLTD

1-15

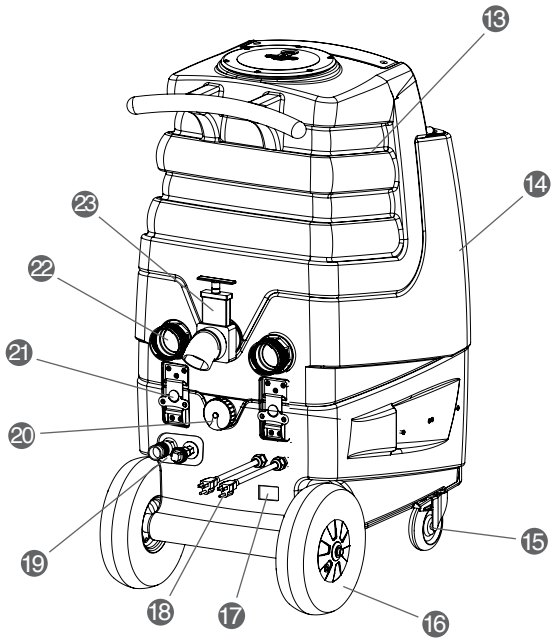
13655 Stowe Dr., Poway, Ca. 92064

SPEEDSTER® LTD3 FRONT



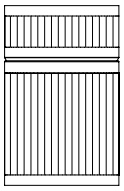
1. Switch Plate
2. 2” Male Cuff-Lynx™ Inlet
3. Prime Value
4. Female Quick Disconnect (QD)
5. Front Handle
6. Pressure Regulator
7. Front Fan
8. Side Vents
9. Solution Lid
10. PSI Gauge
11. Recovery Lid
12. Push Handle

SPEEDSTER® LTD3 BACK

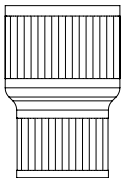


13. Recovery Tank
14. Solution Tank
15. 4” Locking Casters
16. 10” foam filled semi-pneumatic wheels
17. Hour Meter
18. Power Cords
19. Auto Fill/Pump Out Hose Connections
20. Solution Tank Drain
21. Service Latches
22. Rear Vacuum Exhaust Optional Muffler Port
23. Recovery Tank Drain Valve

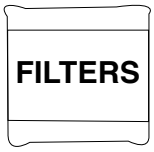
SPEEDSTER® LTD3 ITEMS INCLUDED



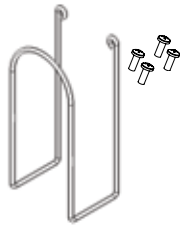
H110 Cuff-Lynx™
2” x 2” Hose Adapter



H141 Cuff-Lynx™
2” x 1.5” Hose Reducer



G008 - Pack of Piglet™ filters



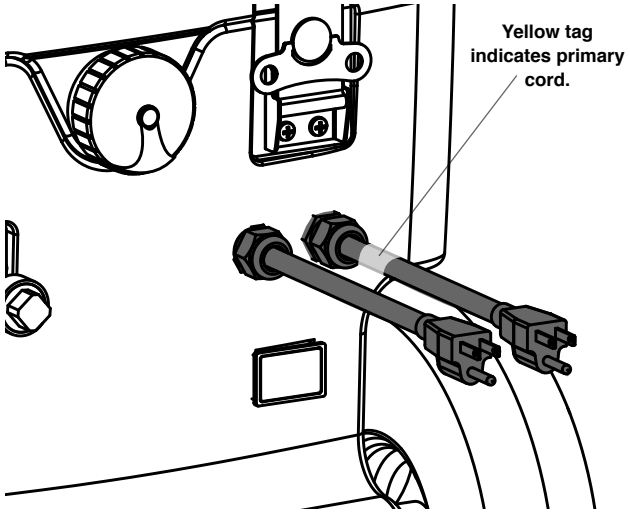
H375 - Hose Hanger
(4) screws

H226 Drain Elbow

SPEEDSTER® LTD3 CORD

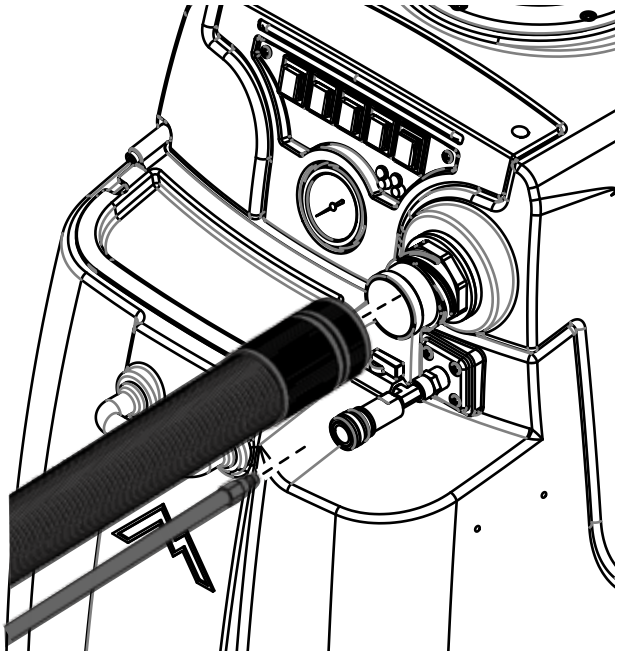
(Primary) Right Cord: Plug in yellow-tagged power cable for Power To Vac 1, Pump, & 600W Heater.

(Secondary) Left Cord: Plug in power cable for Vac 2, Pump-Out & 1,000W Heater.



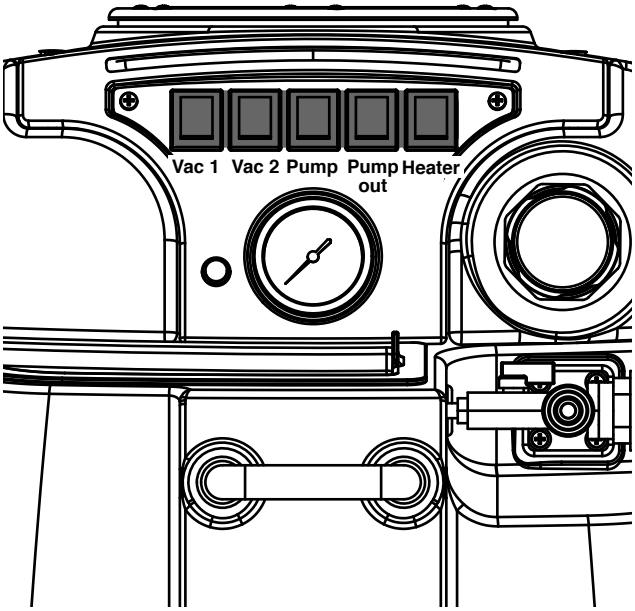
Plug each power cord into a separate, 20A grounded wall outlet. **Outlets must be on two separate breakers.** When the amber light on the switch plate illuminates and the audible tone sounds, the machine is on separate circuits (not necessarily 20A circuits). You can identify the primary cord by the yellow tag.

SPEEDSTER® LTD3 VAC/SOL HOSE CONNECTIONS



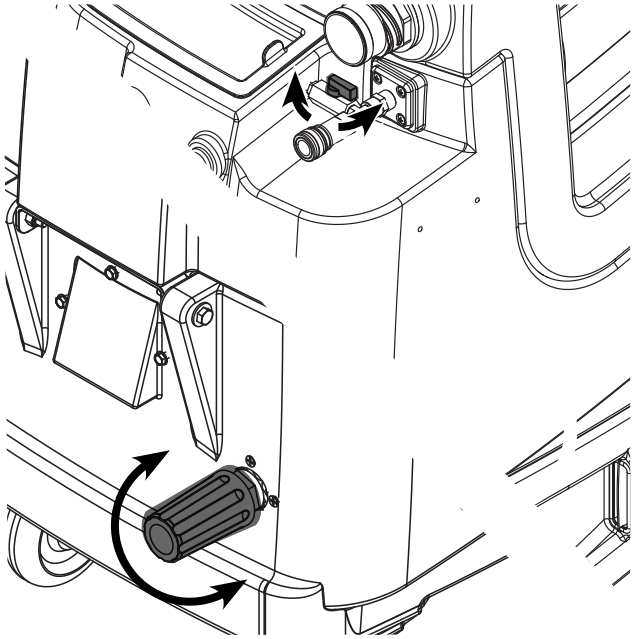
Attach female end of a solution hose to a wand or tool and the male end to the LTD's QD. Then connect a vacuum hose to a wand and the 2" male Cuff-Lynx™ hose port. (If using the optional de-foamer, install the kit onto the vacuum port according to the instructions that come with the de-foamer kit.)

SPEEDSTER® LTD3 SWITCHES



To use vacuum, turn on Vac 1 and Vac 2. To use pump, turn on Pump. To use pump-out, turn on Pump-Out switch. To use Heater, turn on Heater. Release tool trigger. Wait 8 – 10 minutes for unit to pre-heat. Once heated, re-key upholstery tool until hot water begins flowing. Once hot water is flowing, release trigger and pre-heat an additional 4 – 5 minutes.

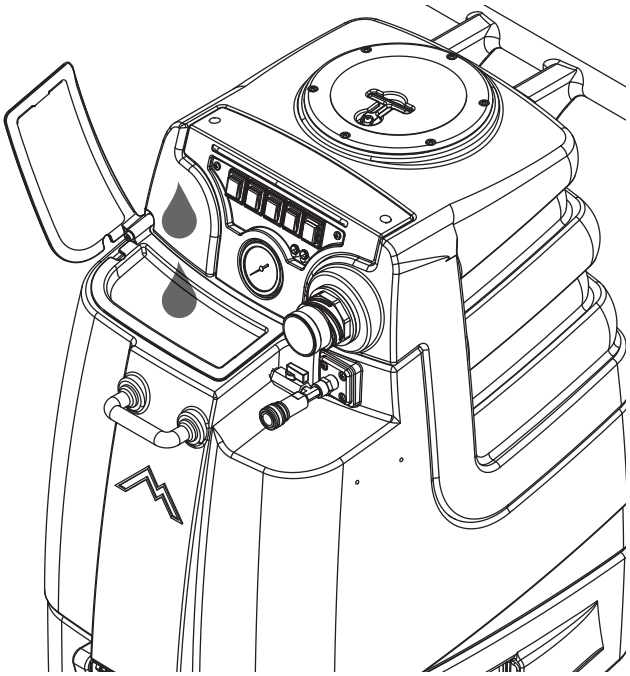
SPEEDSTER® LTD3 PRIME VALVE & PRESSURE REGULATOR



Prime the pump by having the Prime Valve parallel with its pipe and turn it clock-wise to run the pump. Turning the Pressure Regulator to its left will decrease water pressure and turning to the right will increase water pressure.

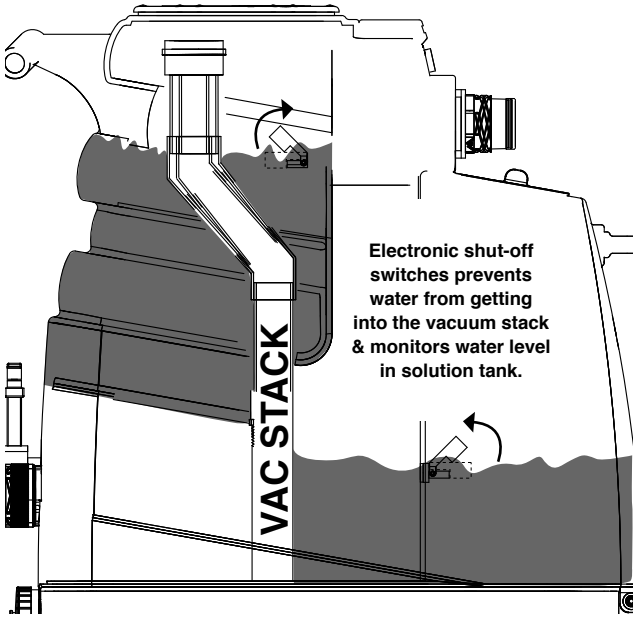
*Please refer to the Pressure Gauge to monitor your water pressure.

SPEEDSTER® LTD3 FILL SOLUTION TANK



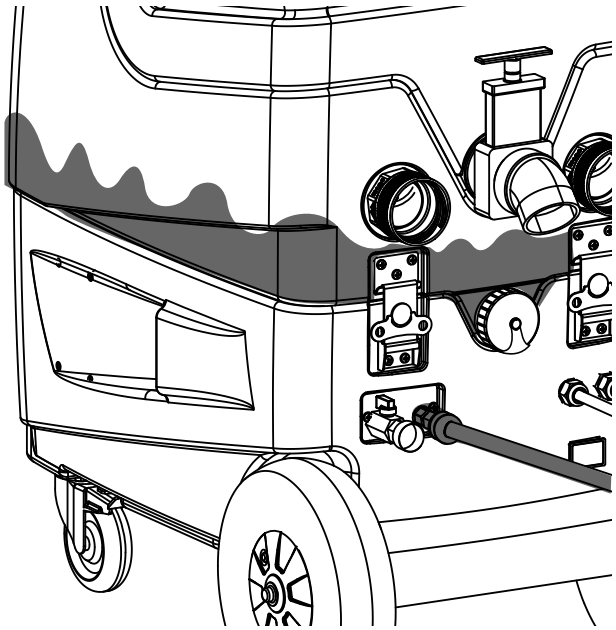
You can lift the lid to manually fill the tank or follow the "Operating Instructions" for auto-fill use.

SPEEDSTER® LTD3 FLOAT SWITCHES



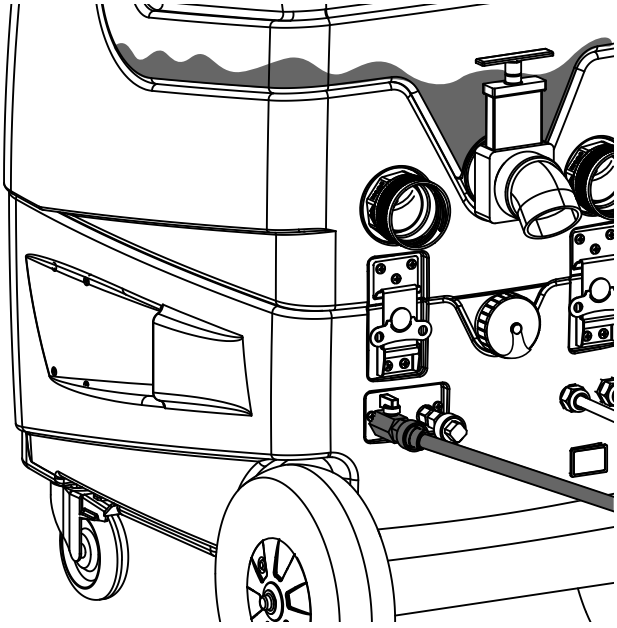
The LTD is equipped with an electronic float switch inside the recovery and solution tank. The recovery float switch is activated by rising water to prevent suction into the vacuum stacks damaging the motors. The solution float switch shuts off the auto-fill once water lever reaches switch.

SPEEDSTER® LTD3 AUTO-FILL CONECTIONS



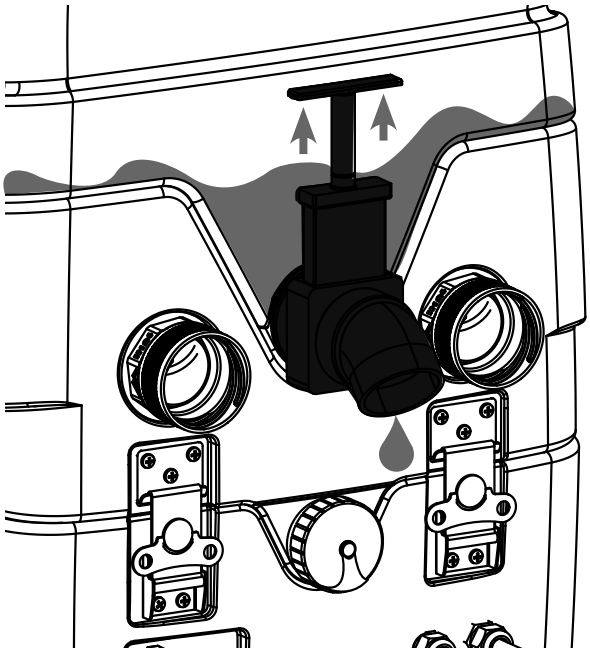
Using one end of a ½" garden hose, attach it to the mounted connection behind the LTD unit, then attach the other end to the desired faucet connection. Turn on the faucet water and let the auto-fill begin to fill. It will shut off when the water level reaches the LTD's electronic float switch.

SPEEDSTER® LTD3 PUMP-OUT CONNETIONS



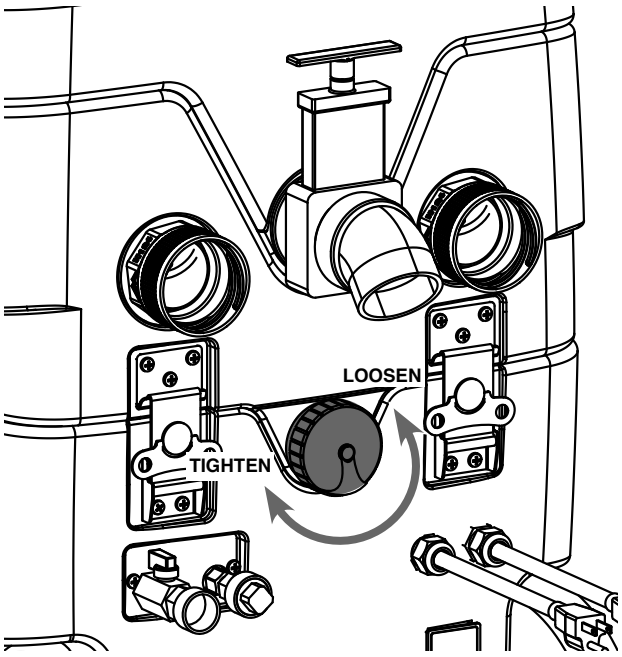
Using a separate ½" garden hose, attach one end to the LTD's mounted pump-out connection and lay the other end of the hose in a drainable location. With the pump-out switch activated and the valve parallel with its pipe, the unit will automatically drain water from the fill tank while the auto-fill maintains water levels. Make sure ball valve is open!

SPEEDSTER® LTD3 RECOVERY DRAIN VALVE



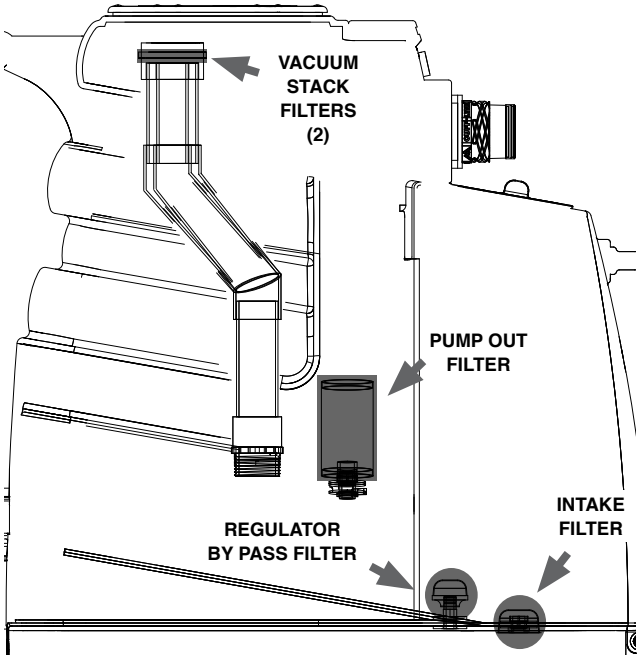
Make sure the Auto-Fill is turned off and then locate and lift the bucket high drain valve on the rear of the LTD unit to empty the tank.

SPEEDSTER® LTD3 SOLUTION TANK DRAIN VALVE



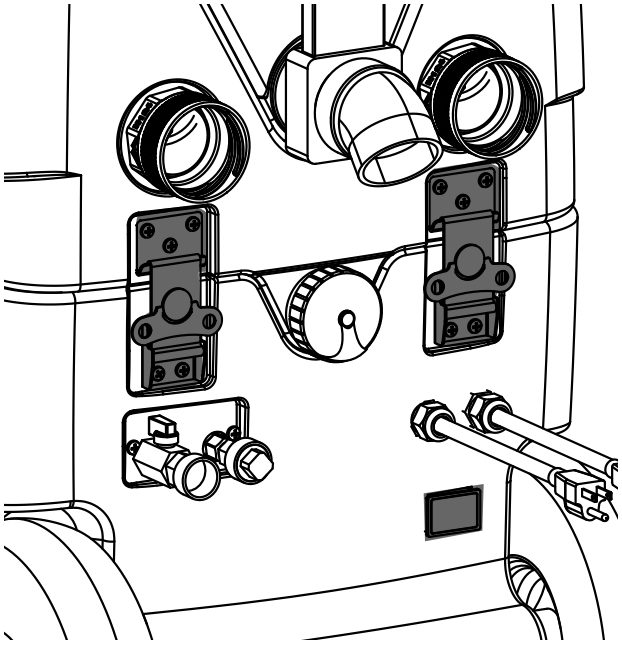
To remove any remaining water in the solution tank, located on the back of the unit is a cap, twist and remove cap to empty tank.

SPEEDSTER® LTD3 FILTER MAINTENANCE



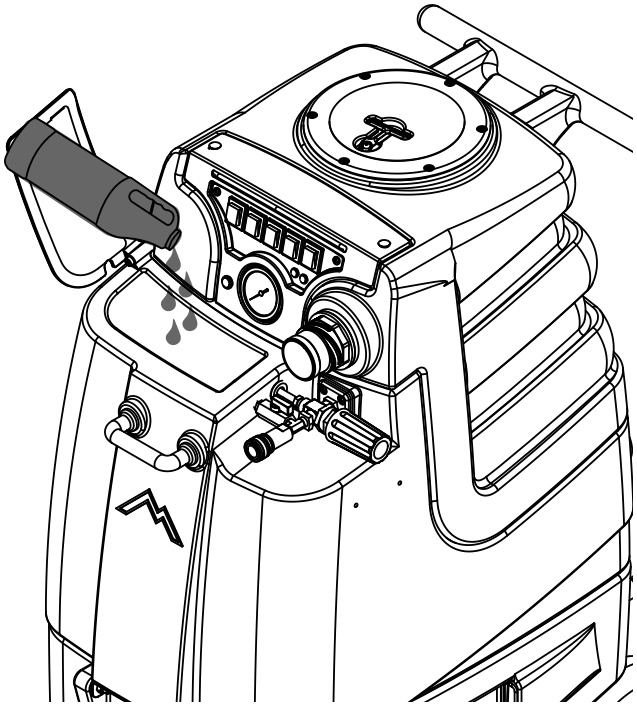
The LTD's five internal filters must be cleaned regularly and are located in the locations listed in the following diagram. Twist the filters to remove them then clean and replace in original locations. If a filter is torn or damaged, replace with a new one.

SPEEDSTER® LTD3 TANK LATCHES & PUMP HOUR METER



The rear latches can be unlatched from the lower half of the unit to open it for internal repairs and cleaning. To unlatch, flip and twist latches. The hour meter activates when the pump is turned on. This helps monitor usage and when to make oil changes. Refer to p. 24 for oil maintenance instructions.

MYTEE® SYSTEM MAINTAINER



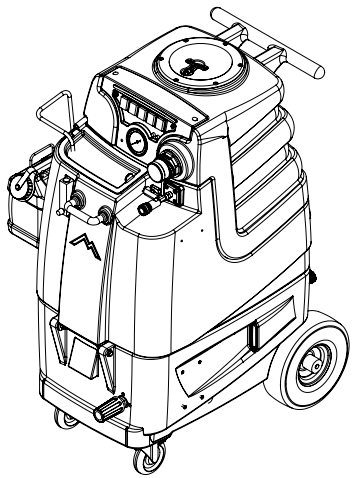
Weekly flushing of the solution system with Mytee System Maintainer helps keep lines clean and prevents chemical build-up, improving pump life, performance, and pressure.

SPEEDSTER® LTD3 PARTS & PRICING

ITEM NO.	PART NO.	DESCRIPTION	QTY.	MSRP
1	B173	ferrule, 1/2", brass	8	$0.99 ea
2	PH615-37	sol hose, 1/2", 3045psi, black	1	$8.99 ft
3	H212	flat washer, 9/16"ID x 1 1/16"OD	4	$0.99 ea
4	B199	coupler, 1/2" fpt x 1/4" fpt	3	$8.99 ea
5	B644	adapter, brass, 1/2" barb x 1/4" mpt	2	$2.49 ea
6	PH615-9	sol hose, 1/2", 3045psi, black	1	$8.99 ft
7	C381	pump out, 115v	1	$187.49 ea
8	H186	screw, 10-32 x 3/4, phil flat full thread	12	$0.99 ea
9	H210	washer, 1/4" flat, s/s	28	$0.99 ea
10	H273	nut, kep, #10-32 zinc	22	$0.99 ea
11	H109	wheel, 10", foam filled	2	$79.99 ea
12	H042	c-clip, 12mm, external	2	$0.99 ea
13	H232	axle, 19.60" x .50"	1	$9.99 ea
14	P514	vent, side, LTD	2	$5.00 ea
15	H668	caster, 4", black hub & gray tread	2	$19.49 ea
16	H342	bolt, 1/4-20 x 1" hex head, s/s	8	$0.99 ea
17	H216	nut, lock, 1/4-20, nylon insert, s/s	14	$0.99 ea
18	B103	elbow, brass, 90 deg, 1/4"mpt x 1/4" fpt	5	$4.49 ea
19	H044	bracket, regulator, panel mount	1	$27.99 ea
20	B127	plug, brass, 1/4"mpt, hex	1	$0.99 ea
21	C313C	regulator, 450 psi, silver spring	1	$86.99 ea
22	B136	elbow, brass, 90 deg, 1/4" mpt x 1/4" mpt	1	$4.99 ea
23	AH184	hose, 3/8" x 14-1/2" (OAL), f	1	$27.99 ea
24	PH634-23	sol hose, 1/4", silicone braided, clear	1	$6.49/ft
25	B170	ferrule, 1/4" brass	3	$0.99 ea
26	B109	adapter, brass, 1/4" barb x 1/4" mpt	2	$1.99 ea
27	P511	LX series base	1	$196.99 ea
28	E370	controller, water level, dual pump or vac	1	$94.99 ea
29	H202	bolt, 1/4x20x3/4" hex head	4	$0.99 ea
30	B652	elbow, brass, 90 deg, 3/8"mpt x 1/4"mpt	2	$8.49 ea
31	B259A	qd, brass, 1/4" fqd x fpt	3	$15.99 ea
32	B260A	qd, brass, 1/4" mqd x fpt	3	$8.99 ea
33	AH105	hose, pulse, 3/8" x 17-1/2"	2	$31.99 ea
34	B107	nipple, brass, 1/4"m, hex	8	$3.19 ea
35	B186	elbow, brass, 90 deg, 3/8"mpt x 3/8" fmpt	3	$8.99 ea
36	B105	bushing, brass, 3/8"mpt x 1/4"	3	$3.19 ea
37	PH615-8	sol hose, 1/2", silicone braided, clear	1	$8.99 ft
38	C313A	pump, CAT, 50-500 PSI, 120/240v	1	$599.99 ea
39	PH615-26	sol hose, 1/2", 3045psi, black	1	$8.99 ft
40	B123	adapter, brass, 1/2" barb x 1/4" fpt	1	$4.99 ea
41	B160	adapter, brass, 1/2" barb x 3/8" fsw, ball end	2	$3.49 ea
42	H486	latch, front	2	$13.99 ea
43	H230	screw, 10-32 x 1/2" phil pan head, s/s	22	$0.99 ea
44	G068	bumper, 7/8" x 1/4" head	2	$1.99 ea
45	E564	controller, circuit light	1	$62.99 ea
46	H221	nut, lock, 1/2" steel	2	$1.99 ea
47	H220	fitting, strain relief, cord	2	$3.19 ea
48	E550	power cord, pigtail, 30", 12/3, black	2	$11.49 ea
49	E369	hour meter, panel mount, analog	1	$35.99 ea
50	B205B	QD, 1/2" npt x 3/4" mgh, pump-out	2	$3.99 ea
51	B204	qd, 3/4" female x female garden hose	2	$9.99 ea
52	B656A	ball valve, 1/2" m x 1/2" f	1	$16.49 ea
53	H039	plate, auto fill/ pump out	1	$9.99 ea
54	H231	screw, 10-32 x 1" phil pan head, s/s	2	$0.99 ea
55	H528	bracket, heater mounting, dual	1	$29.99 ea
56	AH156	hose, 3/8" x 6.5", (OAL), f x fsw, 5400 Gray	1	$23.99 ea
57	E571	heating rod, 600W, 115V	1	$49.99 ea
58	E574	Thermostat, 310°F ± 10°F, Manual, 1/4"	2	$17.99 ea
59	H274	screw, #6 x 3/16, phil pan head, self-tapping	10	$0.99 ea
60	E573	Thermostat, 200°, Auto, 1/4"	2	$16.49 ea
61	E519	heating rod, 1000W, 115V	1	$51.99 ea
62	H903A	heater, aluminum cast, single	2	$78.99 ea
63	B129	nipple, hex, 1/8" mpt x 1/8" mpt	2	$1.99 ea
64	H325	flow meter, electric truckmount	1	$189.99 ea
65	G069	gasket, flow meter	1	$0.99 ea
66	G036	cap, 2.5" threaded, tethered	2	$3.49 ea
67	B117	strainer, with check, chemical injector	1	$18.99 ea
68	PH634-26	sol hose, 1/4", silicone braided, clear	1	$6.49 ea
69	P535	bottle, 5 quart, w/ caps	1	$16.99 ea
70	H456B	cap (only) w/ hole	1	$3.99 ea
71	H547	hanger, wire for injection sprayer	1	$7.49 ea
72	B131	fitting, 1/4" barb x 1/8" FPT	2	$2.99 ea
73	PH634-18	sol hose, 1/4", silicone braided, clear	1	$6.49 ea
74	B143	street elbow, 90 degrees, 1/8"	2	$2.99 ea
75	H299	washer, 11/16"id x 1-1/2"od x .075, s/s	9	$0.99 ea
76	B216	nipple, brass, 3/8" x close	2	$1.99 ea
77	B210	bushing, brass, 1/2"mpt x 3/8" fpt, hex	2	$2.49 ea
78	B119A	filter, strainer, 1/2"	1	$6.49 ea
79	B119	filter, strainer, 1/4"	1	$3.99 ea
80	H254	washer, axle, cut 1/2" id	2	$0.99 ea
81	B110	adapter, brass, 1/4" sw barb x 1/4" fpt, w/gasket	1	$3.99 ea
82	H201	bolt, 1/4-20 x 1/2", hex head, zinc	2	$0.99 ea
83	H213	washer, 1/4" lock, s/s	8	$0.99 ea
84	H378	bracket, front hinge, sp/fb	1	$8.99 ea
85	H204	bolt, 1/4-20 x 1-3/4", s/s	2	$0.99 ea
86	H485	handle, breeze and dx	1	$6.99 ea
87	H768	bolt, 1/4-20 x 3/4" serrated hex flange, zinc	2	$0.99 ea
88	G052	washer, buna 1-1/8" od x 3/16" id	2	$1.99 ea
89	H211	washer, 1/4"id x 1"od, flat, s/s	2	$0.99 ea
90	P509	LX series sol tank	1	$141.95 ea
91	H650	bolt, 5/16" shoulder x 1-1/2" lg, alloy	1	$0.99 ea
92	P513	solution tank lid, LTD	1	$9.00 ea
93	H390A	bracket, "L"	2	$6.99 ea
94	H770	bolt, 1/4-20 x 1/2" serrated hex flange, zinc	4	$0.99 ea
95	H124	Cuff-Lynx, 2" mpt x 2" female cuff	2	$3.99 ea
96	H484	plate, mounting, QD	1	$4.99 ea
97	B142A	coupling, brass, 1/4" fpt x 1/4" fpt	1	$4.49 ea
98	B135	tee, brass, 1/4" mpt	1	$5.49 ea
99	B656	ball valve, 1/4"	1	$13.49 ea
100	PH634-36	sol hose, 1/4", silicone braided, clear	1	$6.49 ft
101	B102	qd, brass, 1/4" f x 1/4" fpt	1	$17.99 ea
102	AH203	hose, pulse, 3/8" x 34"	1	$47.99 ea
103	H541A	valve, float, autofill	1	$108.99 ea
104	B182	adapter, 3/4" fgh x 1/2" fpt	1	$12.99 ea
105	B167	street elbow, 1/2" fpt x 1/2" mpt	1	$10.99 ea
106	B303	nipple, 3" x 1/4" npt x 1/4" npt	2	$8.99 ea
107	B208	coupling, 3/8" fpt x 1/4" fpt	1	$8.99 ea
108	H541C	chemical injector	1	$39.99 ea
109	P512	LX series switchbox	1	$24.00 ea
110	E511	light, red, 250v	2	$5.99 ea
111	E516	switch, rocker, 3 position	1	$14.99 ea
112	AH120	sol hose, 28" x 1/4", 1/4 fpt	1	$35.99 ea
113	H308D	gauge, pressure, 2000 PSI	1	$38.99 ea
114	E515	switch, rocker, 2 position	4	$13.99 ea
115	H075	plate, switch, ltd3	1	$7.99 ea
116	H031	plastite screw, 10 x 1"	2	$0.99 ea
117	H434	plug, vent, heyco, 1/2"	2	$4.48 ea
118	H135	Cuff-Lynx, 2" m cuff x 2" mpt	1	$3.99 ea
119	G083	gasket, 2" inlet	1	$2.49 ea
120	P510	LX series vac tank	1	$99.99 ea
121	H314	nut, lock, 1-1/2", steel	2	$1.99 ea
122	P520	adapter, pvc, 1-1/2" mpt x 1-1/2" fms	2	$2.99 ea
123	P503	adapter, 1.5" pvc, 45 deg, fslip x fslip	4	$3.29 ea
124	H304	screw, #8 x 5/8 phil oval, s/s	6	$0.99 ea
125	G090	lid, vac tank, clear, 7"	1	$36.99 ea
126	G091	gasket, 7", vac lid	1	$11.99 ea
127	PH633-1	pipe, pvc, 1-1/2"	2	$4.99 ft
128	G003	filter, foam, 2" x .50" o.d.	2	$1.99 ea
129	G097	screen, mesh filter, 1-1/2" dia	2	$4.99 ea
130	P502	adapter, 1.5" pvc, fslip x fslip	2	$5.00 ea
131	PH633-06	pipe, pvc, 1-1/2"	2	$4.99 ft
132	PH633-03	pipe, pvc, 1-1/2"	2	$4.99/ft
133	PH633-4	pipe, pvc, 1-1/2"	2	$4.99/ft
134	A926	elbow, inlet assembly 2"	1	$15.99 ea
135	H226	spout, drain, 45 degree	1	$3.19 ea
136	H225	valve, drain, 1-1/2"	1	$20.99 ea
137	H333	mesh filter, auto dump, 1/2" npt	1	$12.99 ea
138	B236	elbow, brass, 90 deg, 1/2" barb x 3/8" fpt	1	$14.49 ea
139	H503	vac support, 3 stage, 3.25", no thrds	6	$3.99 ea
140	G004	gasket, vacuum motor	2	$8.99 ea
141	PH628-7	vac hose, 2", black, wire reinforced	2	$8.99 ft
142	H217	clamp, hose, 2-1/4 dia	4	$1.49 ea
143	H194	coupler, 2" dia x 2.5" length, s/s	2	$10.00 ea
144	C302LA	vac motor, 3 stage, low amp	2	$139.99 ea
145	H096	bolt 1/4-20 x 4, s/s	6	$0.99 ea
146	B207	elbow, brass, 90 deg, 1/4" fpt x 1/4" fpt	2	$5.99 ea
147	E373	level switch, vacuum shut-off, rear threads	1	$13.99 ea
148	B156	nut, 1/4" npt	1	$1.99 ea
149	B113	tee, brass, 1/4" fpt	1	$6.99 ea
150	B643	adapter, brass, 3/8" fnpt x 1/4" mnpt	1	$4.99 ea

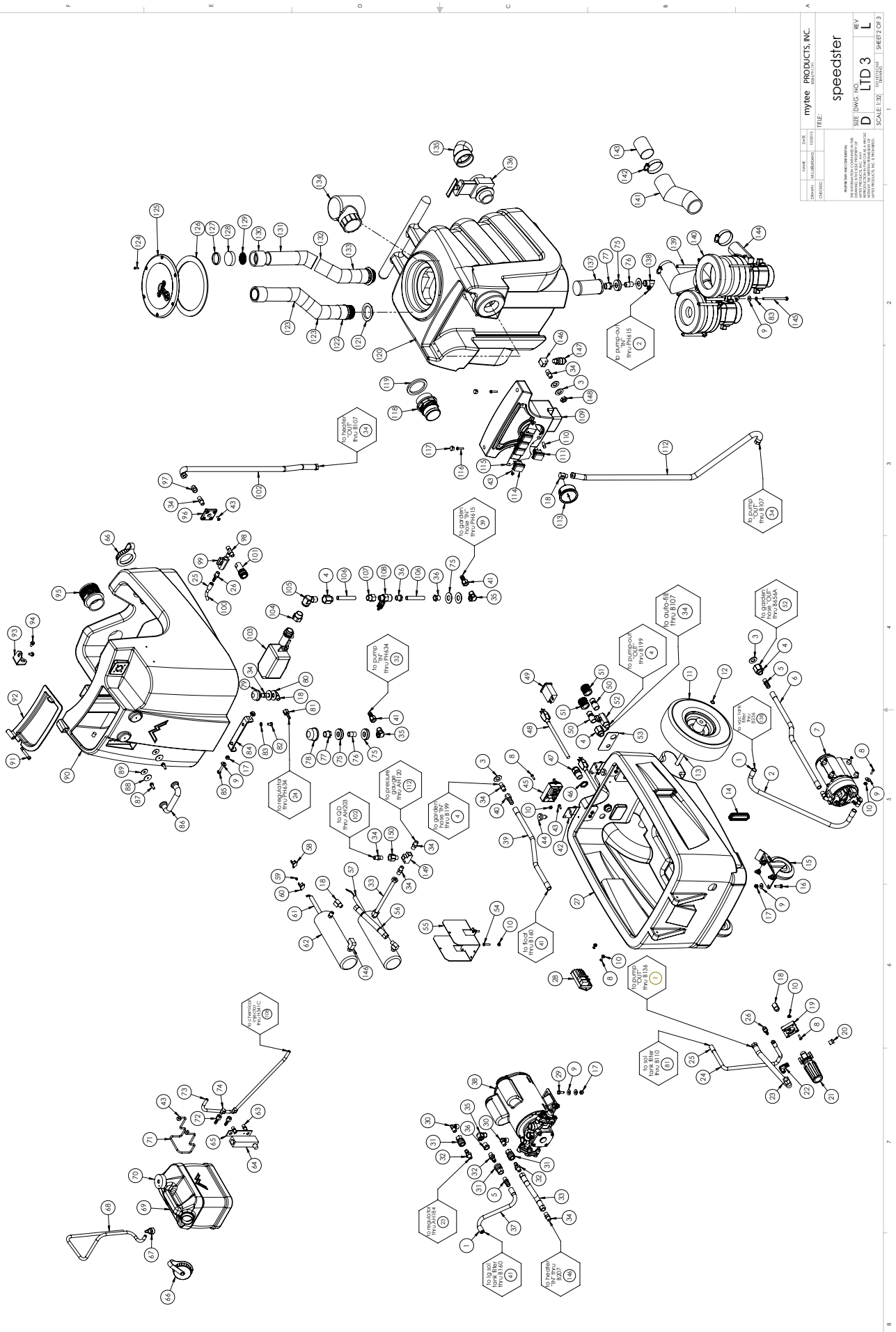
ITEMS NOT SHOWN

PART NO.	DESCRIPTION	QTY	MSRP
E352	LED strip light, with lead wires	1	$26.99 ea
E530	power cord, ext 50', 12/3, black	2	$74.99 ea
G008	piglet filter	1	$6.29 ea
G076	filter bag, 3.5" metal o-ring, mesh bag	1	$4.99 ea
H110	Cuff-Lynx, 2: hose x 2" fem swivel	1	$3.99 ea
H140	Cuff-Lynx, female swivel x female thread	1	$3.99 ea
H141	Cuff-Lynx, 2: x 1.5" reducer	1	$3.99 ea
H230	screw, 10-32 x 1/2" phil pan head, s/s	2	$0.99 ea
H375	hanger, wire formed, hose	1	$6.99 ea
AD127	stop sign, register your product	1	$2.00 ea
ADM Cuff Lynx	Cuff-Lynx instruction guide	1	n/a

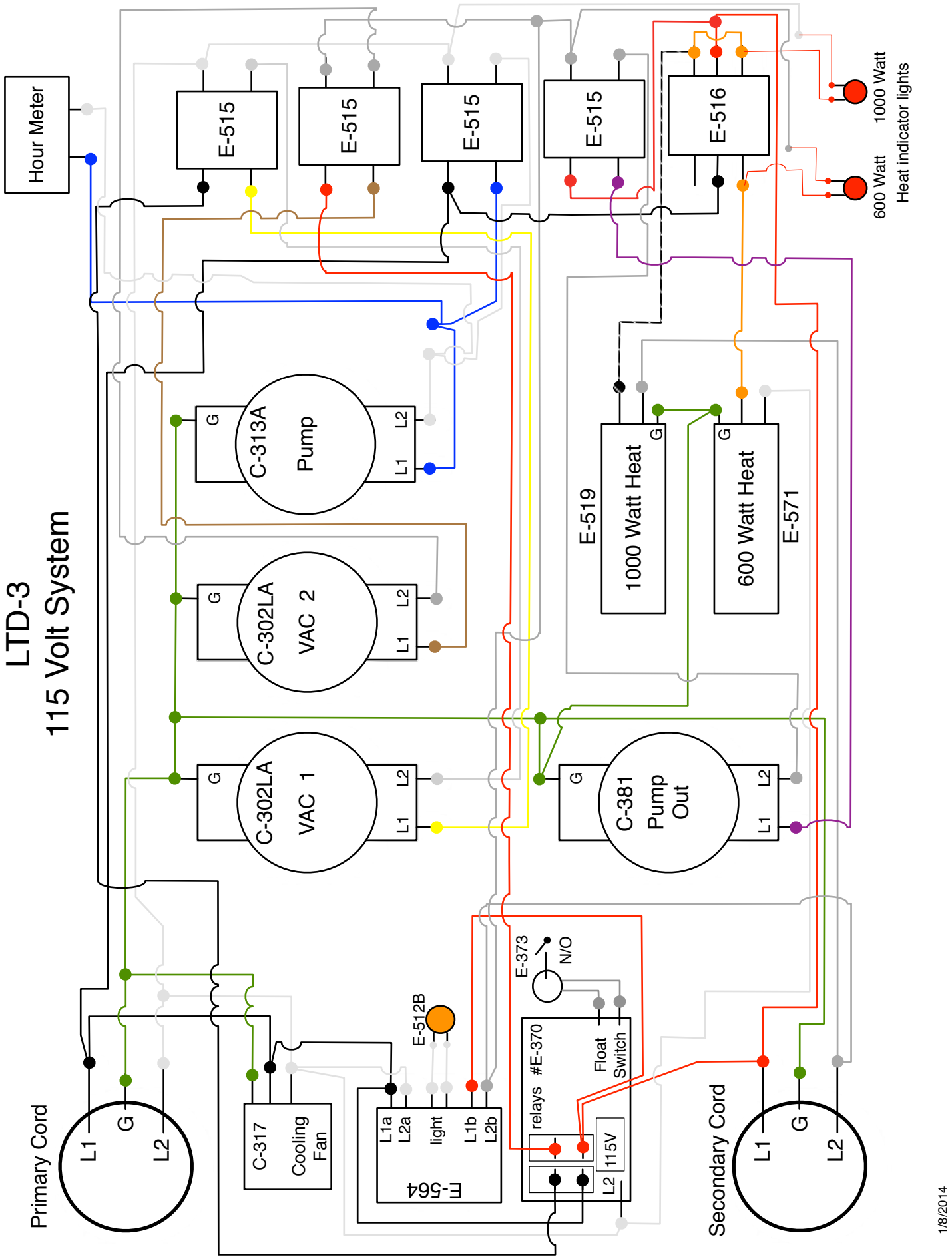


Order parts at: www.mytee.com/products/product.php?id=LTD3

Part prices are subject to change.

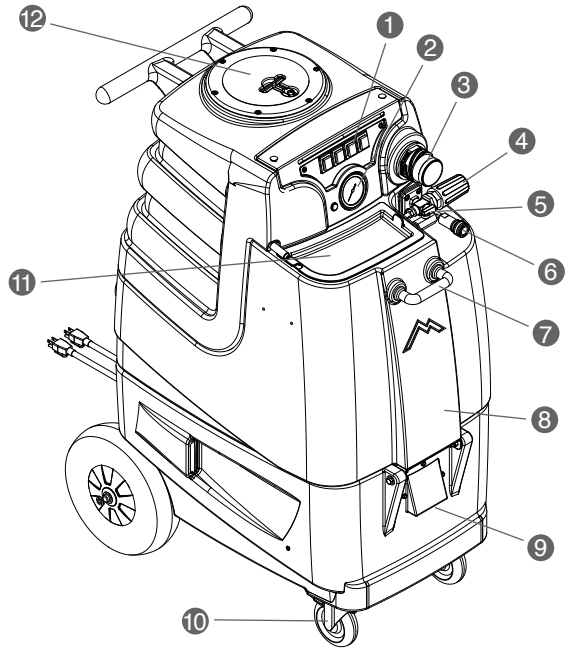

mytee PRODUCTS, INC.
speedster
LTD 3
SHEET 2 OF 3

SPEEDSTER® LTD3 WIRING DIAGRAM



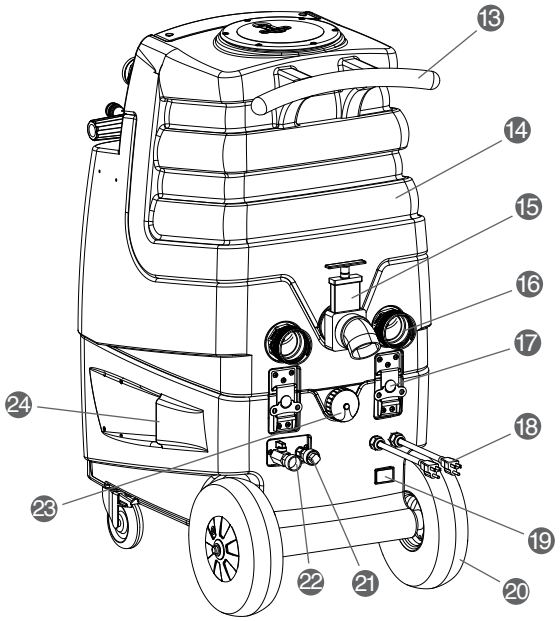
Color diagram at: **www.mytee.com/products/product.php?id=LTD3**

SPEEDSTER® LTD5 FRONT



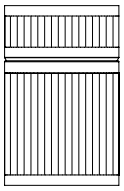
1. Switch Plate
2. PSI Gauge
3. 2” Male Cuff-Lynx™ Inlet
4. Pressure Regulator
5. Prime Value
6. Female Quick Disconnect
7. Front Handle
8. Solution Tank
9. Front Vent
10. 4” Locking Casters
11. Solution Lid
12. Recovery Lid

SPEEDSTER® LTD5 BACK

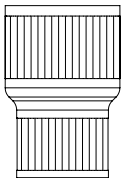


13. Push Handle
14. Recovery Tank
15. Recovery Tank Drain Valve
16. Rear Vacuum Exhaust
    Optional Muffler Port
17. Service Latches
18. Power cords
19. Hour Meter
20. 10” foam filled
    semi-pneumatic wheels
21. Auto Fill Connection
22. Pump Out Hose Connection
23. Solution Tank Drain
24. Side vent

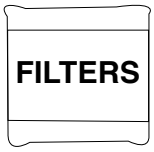
SPEEDSTER® LTD5 ITEMS INCLUDED



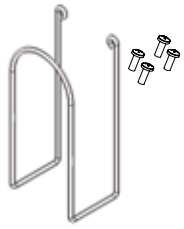
H110 Cuff-Lynx™
2” x 2” Hose Adapter



H141 Cuff-Lynx™
2” x 1.5” Hose Reducer



G008 - Pack of Piglet™
filters

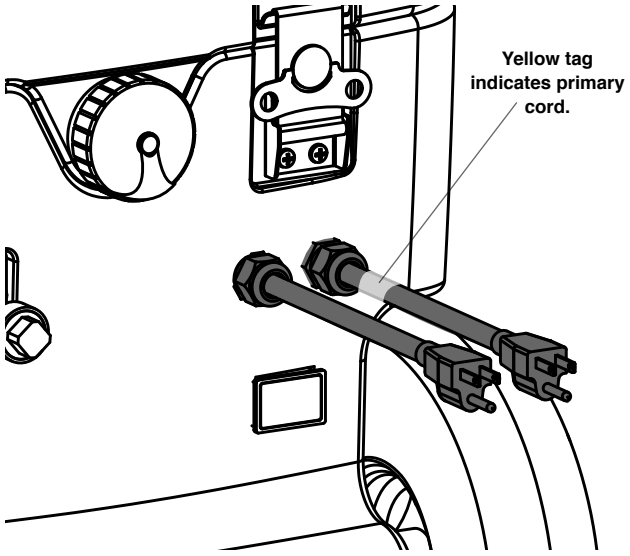


H375 - Hose Hanger
(4) screws

H226 Drain Elbow

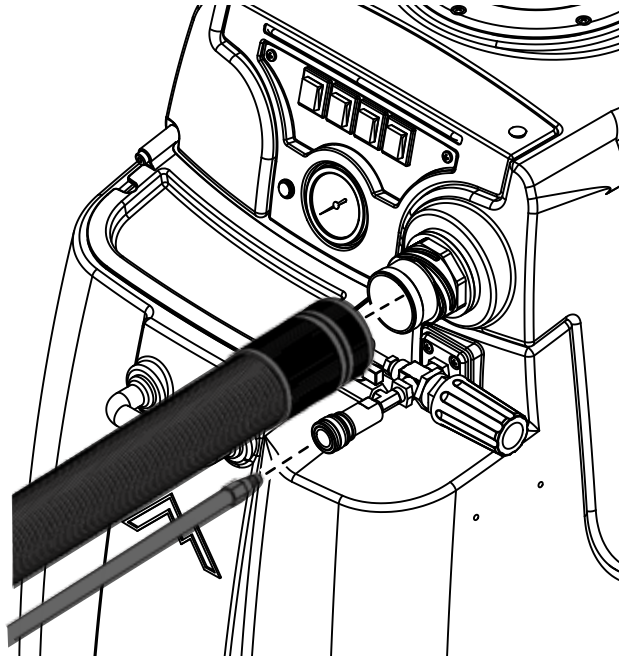
SPEEDSTER® LTD5 CORDS

(Primary) Right Cord: Plug in yellow-tagged power cable for Power To Vac 1, & Pump.
(Secondary) Left Cord: Plug in power cable for Vac 2 and the Pump-Out.



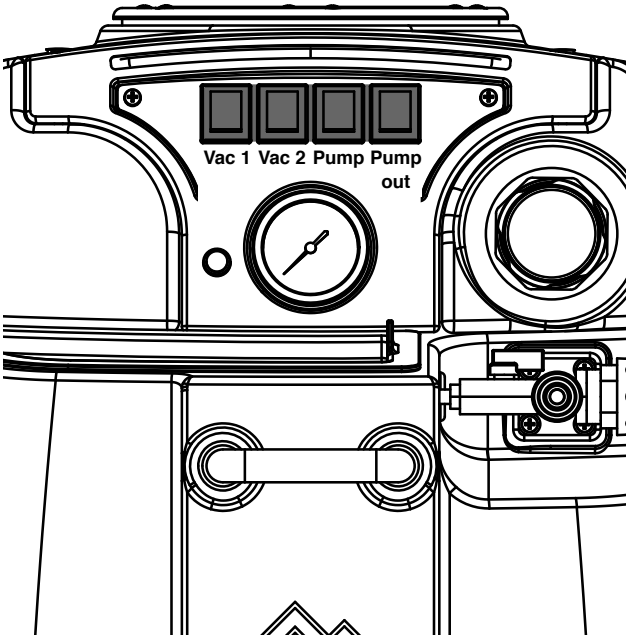
Plug each power cord into a separate, 20A grounded wall outlet. **Outlets must be on two separate breakers.** When the amber light on the switch plate illuminates, the machine is on separate circuits (not necessarily 20A circuits). You can identify the primary cord by the yellow tag.

SPEEDSTER® LTD5 VAC/SOL HOSE CONNECTIONS



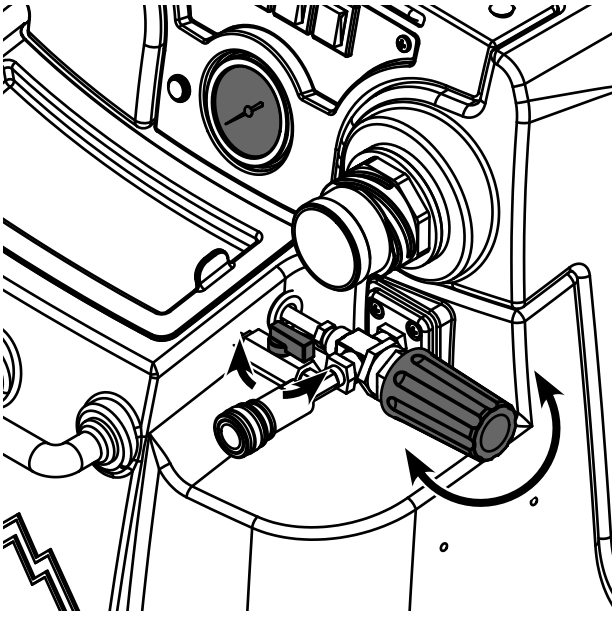
Attach female end of a solution hose to a wand or tool and the male end to the LTD's QD. Then connect a vacuum hose to a wand and the 2" male Cuff-Lynx™ hose port. (If using the optional de-foamer, install the kit onto the vacuum port according to the instructions that come with the de-foamer kit.)

SPEEDSTER® LTD5 SWITCHES



To use vacuum, turn on Vac 1 and Vac 2. To use pump, turn on Pump. To use pump-out, turn on Pump-Out switch.

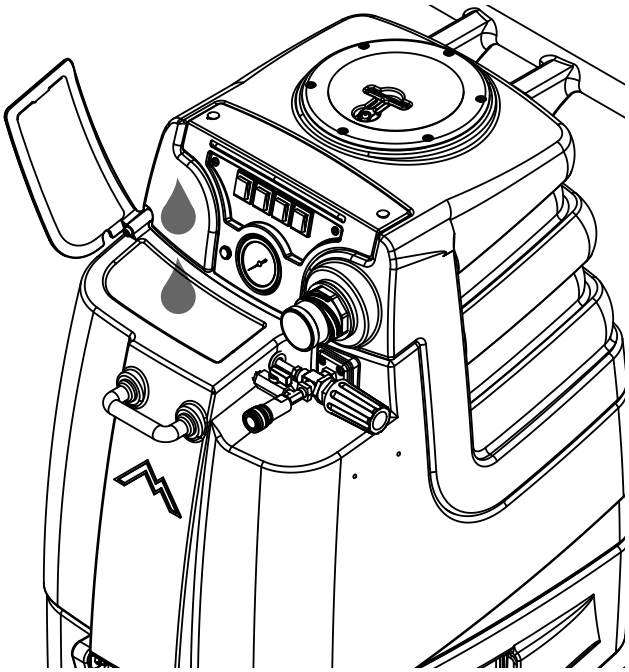
SPEEDSTER® LTD5 PRIME VALVE & PRESSURE REGULATOR



Prime the pump by having the Prime Valve parallel with its pipe and turn it clock-wise to run the pump. Turning the Pressure Regulator to its left will decrease water pressure and turning to the right will increase water pressure.

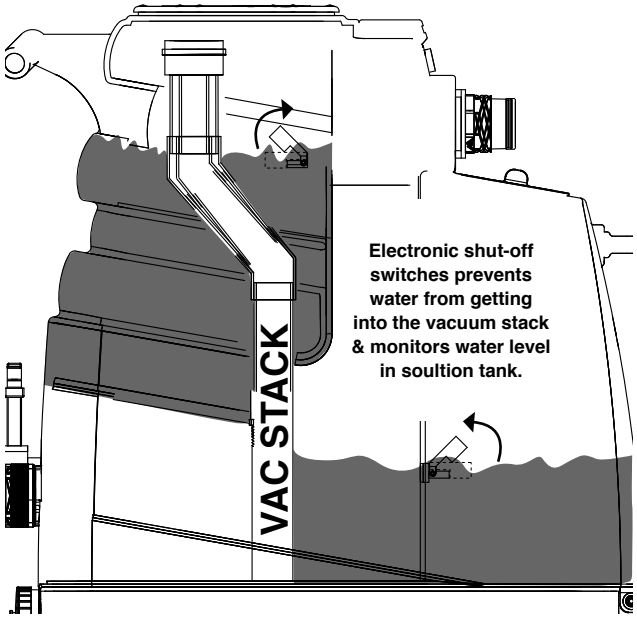
*Please refer to the Pressure Gauge to monitor your water pressure.

SPEEDSTER® LTD5 FILL SOLUTION TANK



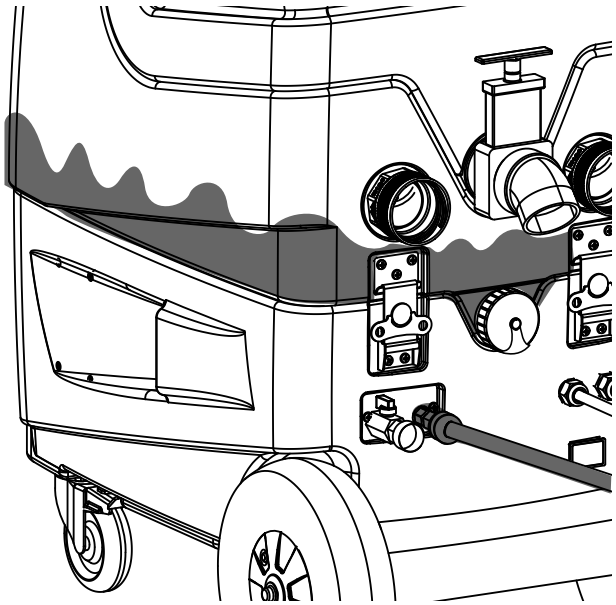
You can lift the lid to manually fill the tank or follow the "Operating Instructions" for auto-fill use.

SPEEDSTER® LTD5 FLOAT SWITCHES



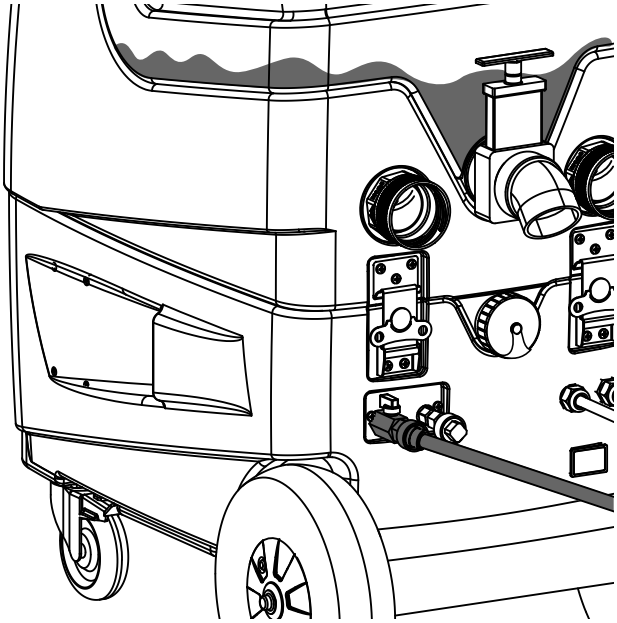
The LTD is equipped with an electronic float switch inside the recovery and solution tank. The recovery float switch is activated by rising water to prevent suction into the vacuum stacks damaging the motors. The solution float switch shuts off the auto-fill once water lever reaches switch.

SPEEDSTER® LTD5 AUTO-FILL CONECTIONS



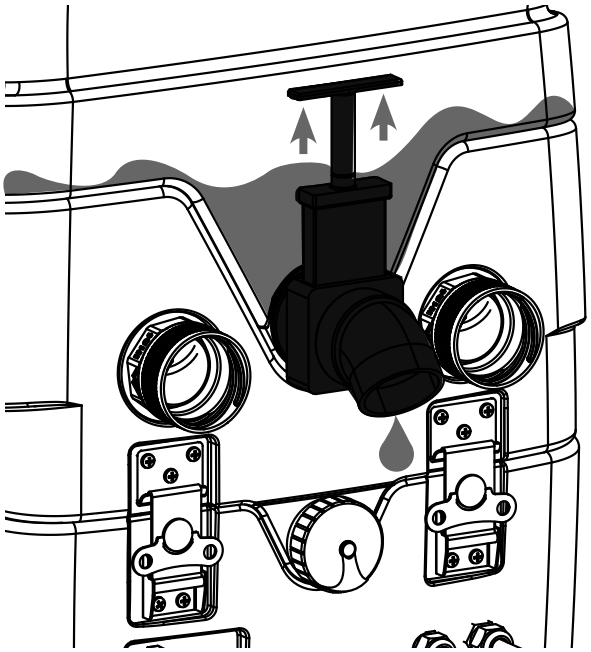
Using one end of a ½" garden hose, attach it to the mounted connection behind the LTD unit, then attach the other end to the desired faucet connection. Turn on the faucet water and let the auto-fill begin to fill. It will shut off when the water level reaches the LTD's electronic float switch.

SPEEDSTER® LTD5 PUMP-OUT CONNETIONS



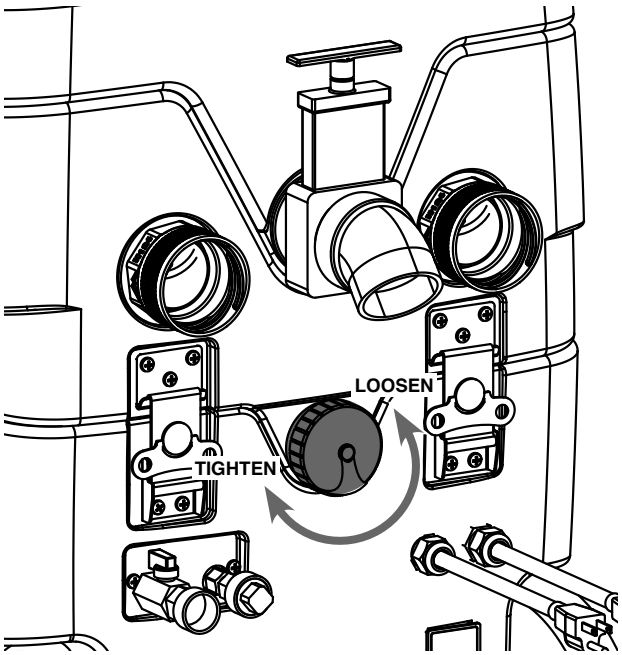
Using a separate ½" garden hose, attach one end to the LTD's mounted pump-out connection and lay the other end of the hose in a drainable location. With the pump-out switch activated and the valve parallel with its pipe, the unit will automatically drain water from the fill tank while the auto-fill maintains water levels. Make sure ball valve is open!

SPEEDSTER® LTD5 RECOVERY DRAIN VALVE



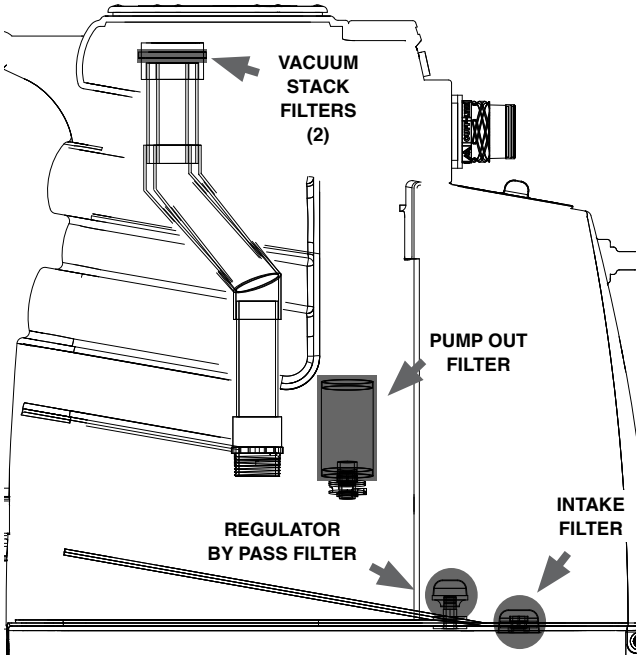
Make sure the Auto-Fill is turned off and then locate and lift the bucket high drain valve on the rear of the LTD unit to empty the tanks.

SPEEDSTER® LTD5 SOLUTION TANK DRAIN VALVE



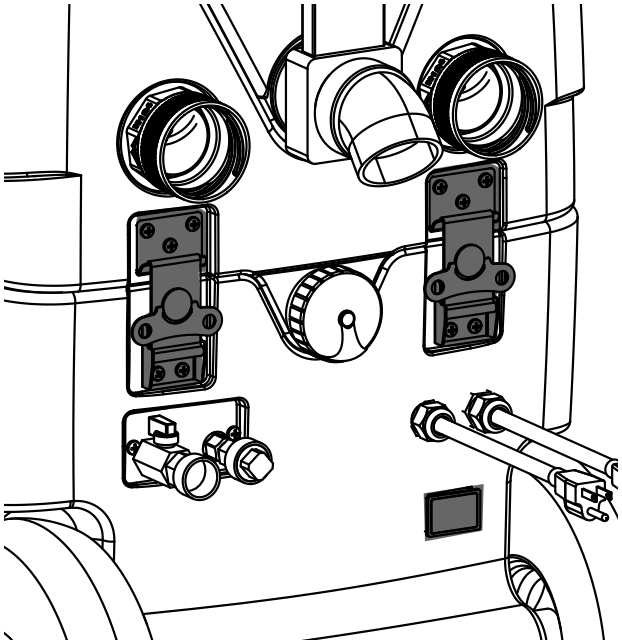
To remove any remaining water in the solution tank, located on the back of the unit is a cap, twist and remove cap to empty tank.

SPEEDSTER® LTD5 FILTER MAINTENANCE



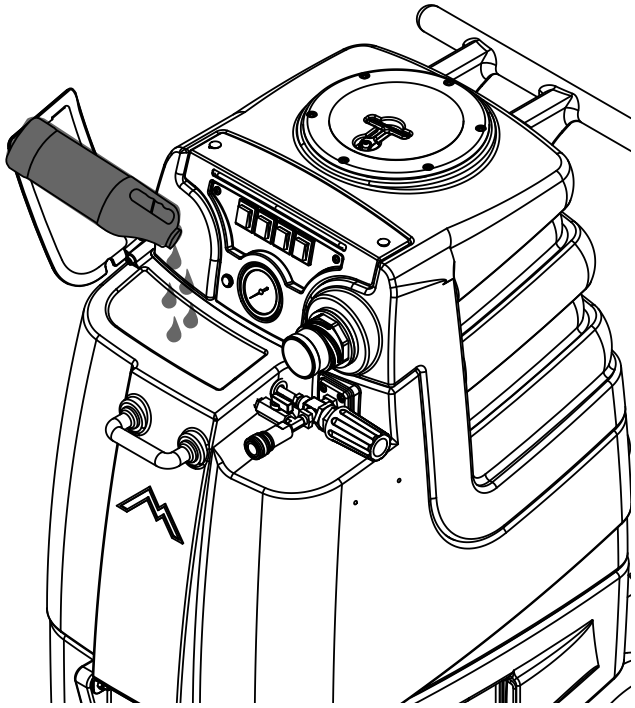
The LTD's five internal filters must be cleaned regularly and are located in the locations listed in the following diagram. Twist the filters to remove them then clean and replace in original locations. If a filter is torn or damaged, replace with a new one.

SPEEDSTER® LTD5 TANK LATCHES & PUMP HOUR METER



The rear latches can be unlatched from the lower half of the unit to open it for internal repairs and cleaning. To unlatch, flip and twist latches. The hour meter activates when the pump is turned on. This helps monitor usage and when to make oil changes. Refer to p. 24 for oil maintenance instructions.

MYTEE® SYSTEM MAINTAINER



Weekly flushing of the solution system with Mytee System Maintainer helps keep lines clean and prevents chemical build-up, improving pump life, performance, and pressure.

SPEEDSTER® LTD5 PARTS & PRICING

ITEM NO.	PART NO.	DESCRIPTION	QTY.	MSRP
1	H212	flat washer, 9/16"ID x 1 1/16"OD	4	$0.99 ea
2	B199	coupler, 1/2" fpt x 1/4" fpt	3	$8.99 ea
3	B644	adapter, brass, 1/2" barb x 1/4" mpt	2	$2.49 ea
4	B173	ferrule, 1/2", brass	8	$0.99 ea
5	PH615-19	sol hose, 1/2", 3045psi, black	1	$8.99 ft
6	H273	nut, kep, #10-32 zinc	16	$0.99 ea
7	H210	washer, 1/4" flat, s/s	30	$0.99 ea
8	H186	screw, 10-32 x 3/4, phil flat full thread	8	$0.99 ea
9	C381	pump out, 115v	1	$187.49 ea
10	PH615-37	sol hose, 1/2", 3045psi, black	1	$8.99 ft
11	H042	c-clip, 12mm, external	2	$0.99 ea
12	H109	wheel, 10", foam filled	2	$79.99 ea
13	H232	axle, 19.60" x .50"	1	$9.99 ea
14	P511	LX series base	1	$196.99 ea
15	P514	vent, side, LTD	2	$5.00 ea
16	H668	caster, 4", black hub & gray tread	2	$19.49 ea
17	H342	bolt, 1/4-20 x 1" hex head, s/s	8	$0.99 ea
18	H216	nut, lock, 1/4-20, nylon insert, s/s	14	$0.99 ea
19	E370	controller, water level, dual pump or vac	1	$94.99 ea
20	H202	bolt, 1/4x20x3/4" hex head	4	$0.99 ea
21	B246	plug, brass, 3/8" mpt, hex	1	$1.99 ea
22	PH615-23	sol hose, 1/2", 3045psi, black	1	$8.99 ft
23	B160	adapter, brass, 1/2" barb x 3/8" fsw, ball end	2	$3.49 ea
24	B186	elbow, brass, 90 deg, 3/8"mpt x 3/8" fmpt	3	$8.99 ea
25	B105	bushing, brass, 3/8"mpt x 1/4"	4	$3.19 ea
26	B260A	qd, brass, 1/4" mqd x fpt	2	$8.99 ea
27	B259A	qd, brass, 1/4" fqd x fpt	2	$15.99 ea
28	C313A	pump, CAT, 50-500 PSI, 120/240v	1	$599.99 ea
29	B652	elbow, brass, 90 deg, 3/8"mpt x 1/4"mpt	1	$8.49 ea
30	AH184	hose, pulse, 3/8" x 14-1/2" (OAL)	1	$27.99 ea
31	B107	nipple, brass, 1/4"m, hex	5	$3.19 ea
32	B113	tee, brass, 1/4" fpt	1	$6.99 ea
33	B643	adapter, brass, 3/8" fnpt x 1/4" mnpt	1	$4.99 ea
34	PH615-32	sol hose, 1/2", 3045psi, black	1	$8.99 ft
35	B123	adapter, brass, 1/2" barb x 1/4" fpt	1	$4.99 ea
36	G068	bumper, 7/8" x 1/4" head	2	$1.99 ea
37	H486	latch, front	2	$13.99 ea
38	H230	screw, 10-32 x 1/2" phil pan head, s/s	20	$0.99 ea
39	H221	nut, lock, 1/2" steel	2	$1.99 ea
40	H220	fitting, strain relief, cord	2	$3.19 ea
41	E550	power cord, pigtail, 30", 12/3, black	2	$11.49 ea
42	E564	controller, circuit light	1	$62.99 ea
43	E369	hour meter, panel mount, analog	1	$35.99 ea
44	H039	plate, auto fill/ pump out	1	$9.99 ea
45	B205B	QD, 1/2" npt x 3/4" mgh, pump-out	2	$3.99 ea
46	B204	qd, 3/4" female x female garden hose	2	$9.99 ea
47	B656A	ball valve, 1/2" m x 1/2" f	1	$16.49 ea
48	H299	washer, 11/16"id x 1-1/2"od x .075, s/s	9	$0.99 ea
49	B303	nipple, 3" x 1/4" npt x 1/4" npt	2	$8.99 ea
50	B208	coupling, 3/8" fpt x 1/4" fpt	1	$8.99 ea
51	H541C	chemical injector	1	$39.99 ea
52	B167	street elbow, 1/2" fpt x 1/2" mpt	1	$10.99 ea
53	B182	adapter, 3/4" fgh x 1/2" fpt	1	$12.99 ea
54	H541A	valve, float, autofill	1	$108.99 ea
55	B109	adapter, brass, 1/4" barb x 1/4" mpt	2	$1.99 ea
56	B103	elbow, brass, 90 deg, 1/4"mpt x 1/4" fpt	1	$4.49 ea
57	B216	nipple, brass, 3/8" x close	2	$1.99 ea
58	B210	bushing, brass, 1/2"mpt x 3/8" fpt, hex	2	$2.49 ea
59	B119A	filter, strainer, 1/2"	1	$6.49 ea
60	H213	washer, 1/4" lock, s/s	8	$0.99 ea
61	H201	bolt, 1/4-20 x 1/2", hex head, zinc	2	$0.99 ea
62	H378	bracket, front hinge, sp/fb	1	$8.99 ea
63	H204	bolt, 1/4-20 x 1-3/4", s/s	2	$0.99 ea
64	B170	ferrule, 1/4" brass	6	$0.99 ea
65	PH634-18	sol hose, 1/4", silicone braided, clear	1	$6.49 ea
66	B131	fitting, 1/4" barb x 1/8" FPT	2	$2.99 ea
67	B143	street elbow, 90 degrees, 1/8"	2	$2.99 ea
68	B129	nipple, hex, 1/8" mpt x 1/8" mpt	2	$1.99 ea
69	H325	flow meter, electric truckmount	1	$189.99 ea
70	G069	gasket, flow meter	1	$0.99 ea
71	H246	screw, 8-32 x 3/8" SHCS, alloy, Black	2	$0.99 ea
72	H547	hanger, wire for injection sprayer	1	$7.49 ea
73	G036	cap, 2.5" threaded, tethered	2	$3.49 ea
74	P535	bottle, 5 quart, w/ caps	1	$16.99 ea
75	B117	strainer, with check, chemical injector	1	$18.99 ea
76	H456B	cap (only) w/ hole	1	$3.99 ea
77	PH634-26	sol hose, 1/4", silicone braided, clear	1	$6.49 ea
78	H485	handle, breeze and dx	1	$6.99 ea
79	H768	bolt, 1/4-20 x 3/4" serrated hex flange, zinc	2	$0.99 ea
80	G052	washer, buna 1-1/8" od x 3/16" id	2	$1.99 ea

ITEM NO.	PART NO.	DESCRIPTION	QTY.	MSRP
81	H211	washer, 1/4"id x 1"od, flat, s/s	2	$0.99 ea
82	P509	LX series sol tank	1	$141.95 ea
83	H650	bolt, 5/16" shoulder x 1-1/2" lg, alloy	1	$0.99 ea
84	P513	solution tank lid, LTD	1	$9.00 ea
85	H390A	bracket, "L"	2	$6.99 ea
86	H770	bolt, 1/4-20 x 1/2" serrated hex flange, zinc	4	$0.99 ea
87	H124	Cuff-Lynx, 2" mpt x 2" female cuff	2	$3.99 ea
88	PH634-20	sol hose, 1/4", 300 PSI	1	$6.49 ft
89	C313C	regulator, 450 psi, silver spring	1	$86.99 ea
90	H484	plate, mounting, QD	1	$4.99 ea
91	AH203	hose, pulse, 3/8" x 34", 3/8" fitting (OAL)	1	$47.99 ea
92	B135	tee, brass, 1/4" mpt	1	$5.49 ea
93	AH120	sol hose, 28" x 1/4", 1/4 fpt	1	$36.49 ea
94	B102	qd, brass, 1/4" f x 1/4" fpt	1	$17.99 ea
95	B656	ball valve, 1/4"	1	$13.49 ea
96	PH634-36	sol hose, 1/4", 300 PSI	1	$6.49 ft
97	H308D	gauge, pressure, 2000 PSI	1	$38.99 ea
98	H074	plate, switch, ltd5, ltd12	1	$5.99 ea
99	E515	switch, rocker, 2 position	4	$13.99 ea
100	H029	plastite screw, 10 x 1/2"	2	$0.99 ea
101	P512	LX series switchbox	1	$24.00 ea
102	H031	plastite screw, 10 x 1"	2	$0.99 ea
103	H434	plug, vent, heyco, 1/2"	2	$4.48 ea
104	H135	Cuff-Lynx, 2" m cuff x 2" mpt	1	$3.99 ea
105	G083	gasket, 2" inlet	1	$2.49 ea
106	H314	nut, lock, 1-1/2", steel	2	$1.99 ea
107	P520	adapter, pvc, 1-1/2" mpt x 1-1/2" fms	2	$2.99 ea
108	P503	adapter, 1.5" pvc, 45 deg, fslip x fslip	4	$3.29 ea
109	G090	lid, vac tank, clear, 7"	1	$36.99 ea
110	H304	screw, #8 x 5/8 phil oval, s/s	6	$0.99 ea
111	G091	gasket, 7", vac lid	1	$11.99 ea
112	PH633-1	pipe, pvc, 1-1/2"	2	$4.99 ft
113	G003	filter, foam, 2" x .50" o.d.	2	$1.99 ea
114	G097	screen, mesh filter, 1-1/2" dia	2	$4.99 ea
115	P502	adapter, 1.5" pvc, fslip x fslip	2	$5.00 ea
116	PH633-06	PIPE, 1-1/2" x 6" PVC	2	$4.99 ft
117	PH633-03	pipe, pvc, 1-1/2"	2	$4.99/ft
118	PH633-4	pipe, pvc, 1-1/2"	2	$4.99/ft
119	A926	elbow, inlet assembly 2"	1	$15.99 ea
120	H225	valve, drain, 1-1/2"	1	$20.99 ea
121	H226	spout, drain, 45 degree	1	$3.19 ea
122	P510	LX series vac tank	1	$99.99 ea
123	H333	mesh filter, auto dump, 1/2" npt	1	$12.99 ea
124	B236	elbow, brass, 90 deg, 1/2" barb x 3/8" fpt	1	$14.49 ea
125	G004	gasket, vacuum motor	2	$8.99 ea
126	H503	vac support, 3 stage, 3.25", no thrds	6	$3.99 ea
127	G004-A	gasket, vacuum motor	2	$6.99 ea
128	H217	clamp, hose, 2-1/4 dia	4	$1.49 ea
129	H194	coupler, 2" dia x 2.5" length, s/s	2	$10.00 ea
130	PH628-7	vac hose, 2", black, wire reinforced	2	$8.99 ft
131	H096	bolt 1/4-20 x 4, s/s	6	$0.99 ea
132	C302A	vac motor, 3-stage hp, 120V, 145"	2	$148.99 ea
133	B207	elbow, brass, 90 deg, 1/4" fpt x 1/4" fpt	1	$5.99 ea
134	E373	level switch, vacuum shut-off, rear threads	1	$13.99 ea
135	B156	nut, 1/4" npt	1	$1.99 ea

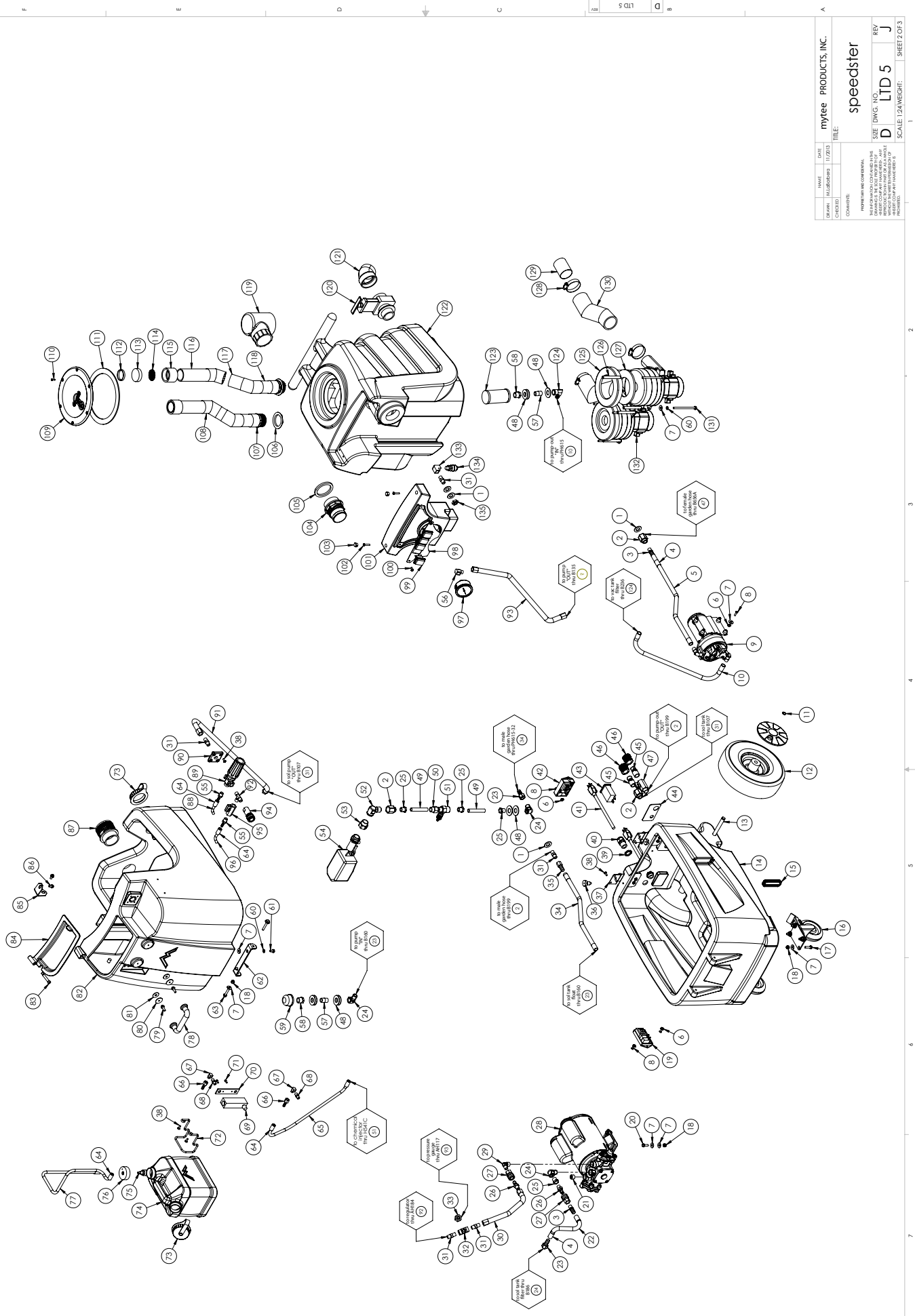
ITEMS NOT SHOWN

PART NO.	DESCRIPTION	QTY	MSRP
E352	LED strip light, with lead wires	1	$26.99 ea
E530	power cord, ext 50', 12/3, black	2	$74.99 ea
G008	piglet filter	1	$6.29 ea
G076	filter bag, 3.5" metal o-ring, mesh bag	1	$4.99 ea
H110	Cuff-Lynx, 2: hose x 2" fem swivel	1	$3.99 ea
H140	Cuff-Lynx, female swivel x female thread	1	$3.99 ea
H141	Cuff-Lynx, 2: x 1.5" reducer	1	$3.99 ea
H230	screw, 10-32 x 1/2" phil pan head, s/s	2	$0.99 ea
H375	hanger, wire formed, hose	1	$10.99 ea
AD127	stop sign, register your product	1	$2.00 ea
ADM Cuff Lynx	Cuff-Lynx instruction guide	1	n/a

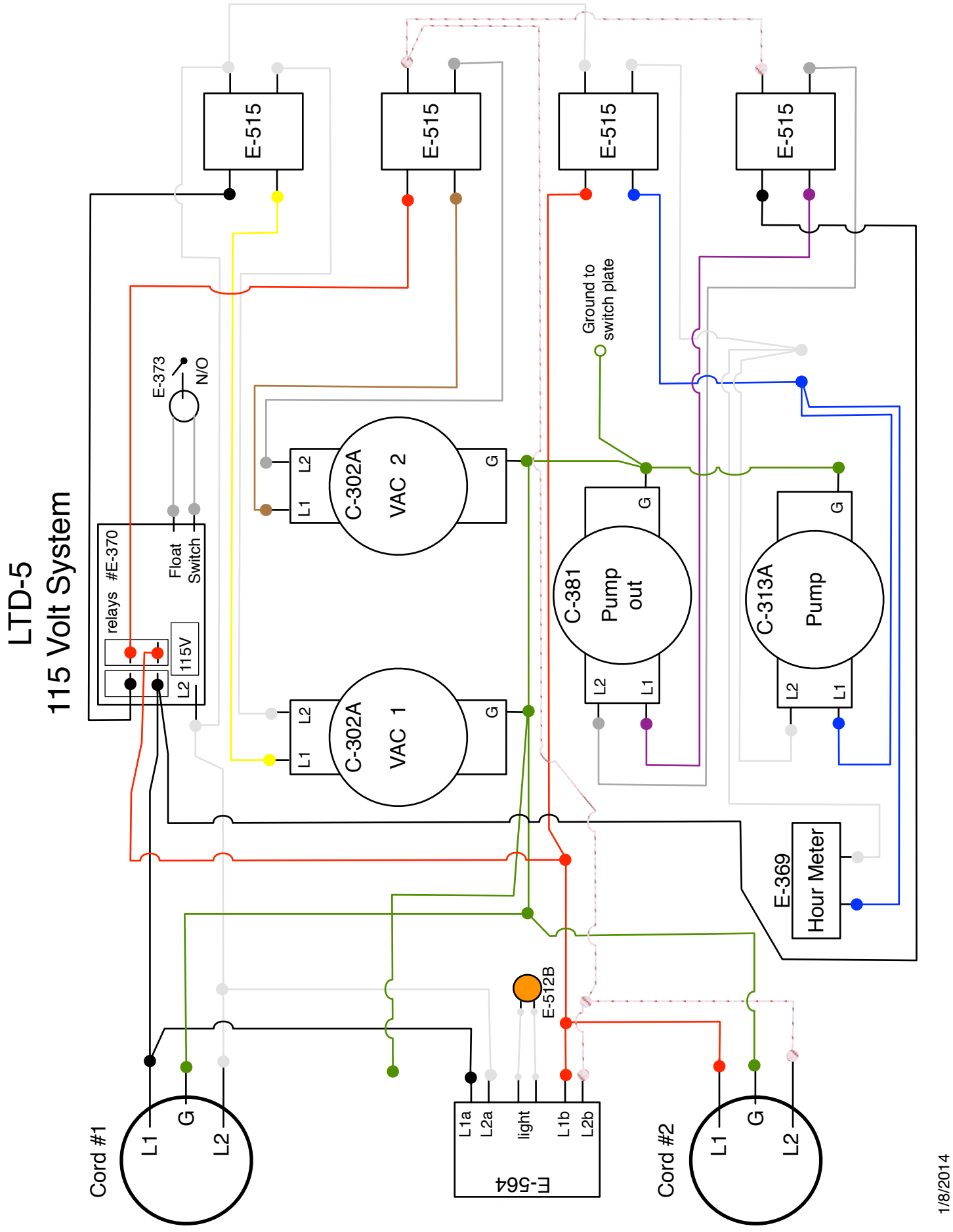
Order parts at: **www.mytee.com/products/product.php?id=LTD5**

Part prices are subject to change.

SPEEDSTER® LTD5 PARTS & PRICING

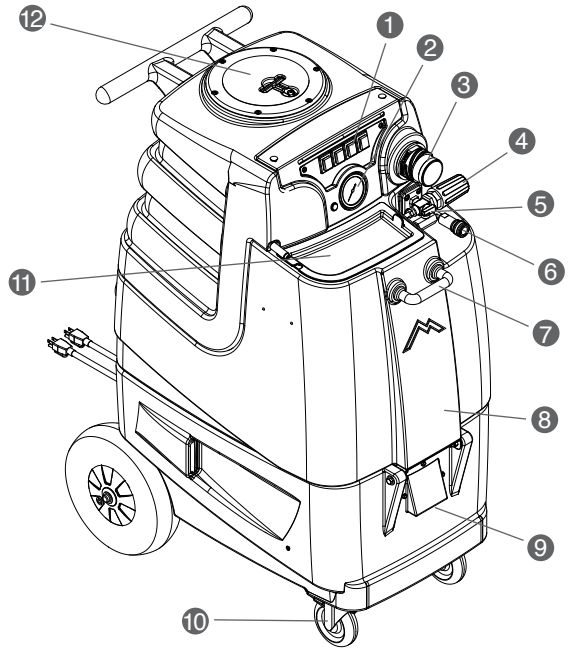


SPEEDSTER® LTD5 WIRING DIAGRAM



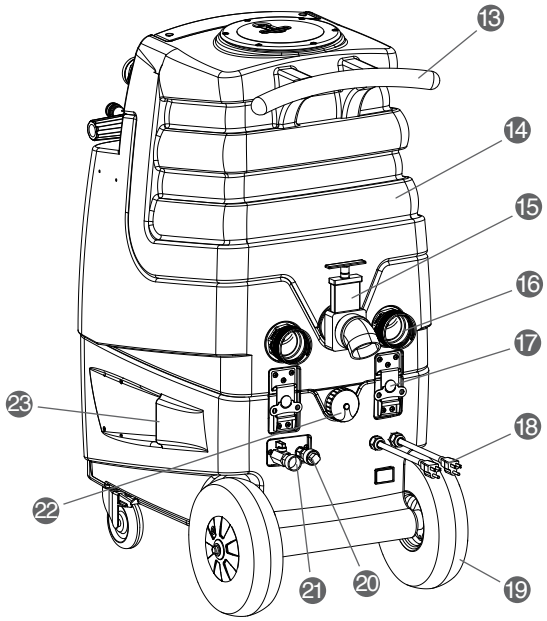
Color diagram at: **www.mytee.com/products/product.php?id=LTD5**

SPEEDSTER® LTD12 FRONT



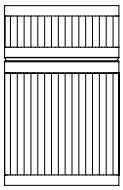
1. Switch Plate
2. PSI Gauge
3. 2” Male Cuff-Lynx™ Inlet
4. Pressure Regulator
5. Prime Value
6. Female Quick Disconnect
7. Front Handle
8. Solution Tank
9. Front Vent
10. 4” Locking Casters
11. Solution Lid
12. Recovery Lid

SPEEDSTER® LTD12 BACK

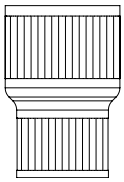


13. Push Handle
14. Recovery Tank
15. Recovery Tank Drain Valve
16. Rear Vacuum Exhaust
    Optional Muffler Port
17. Service Latches
18. Power cords
19. 10” foam filled
    semi-pneumatic wheels
20. Auto Fill Connection
21. Pump Out Hose Connection
22. Solution Tank Drain
23. Side vent

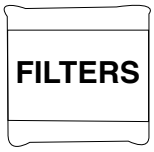
SPEEDSTER® LTD12 ITEMS INCLUDED



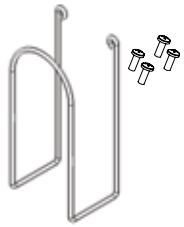
H110 Cuff-Lynx™
2” x 2” Hose Adapter



H141 Cuff-Lynx™
2” x 1.5” Hose Reducer



G008 - Pack of Piglet™
filters

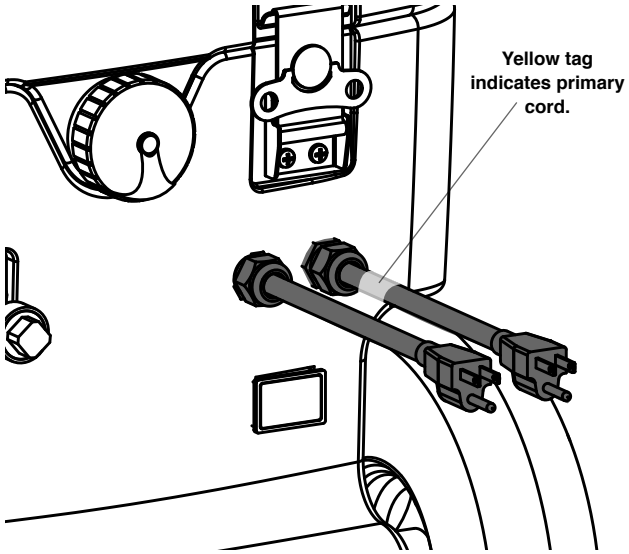


H375 - Hose Hanger
(4) screws

H226 Drain Elbow

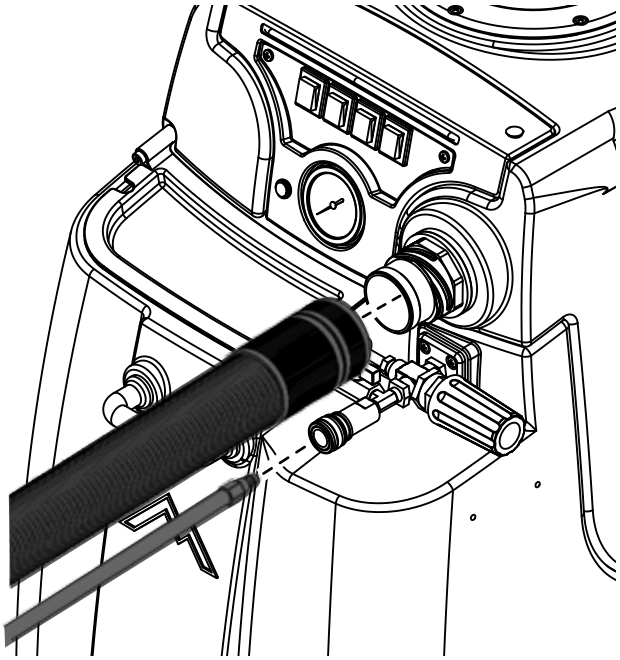
SPEEDSTER® LTD12 CORDS

(Primary) Right Cord: Plug in yellow-tagged power cable for Power To Vac 1, & Pump.
(Secondary) Left Cord: Plug in power cable for Vac 2 and the Pump-out.



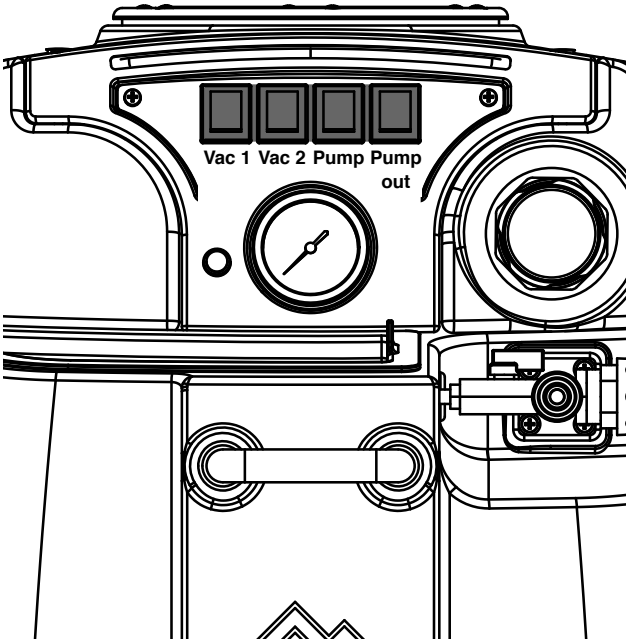
Plug each power cord into a separate, 20A grounded wall outlet. **Outlets must be on two separate breakers.** When the amber light on the switch plate illuminates, the machine is on separate circuits (not necessarily 20A circuits). You can identify the primary cord by the yellow tag.

SPEEDSTER® LTD12 VAC/SOL HOSE CONNECTIONS



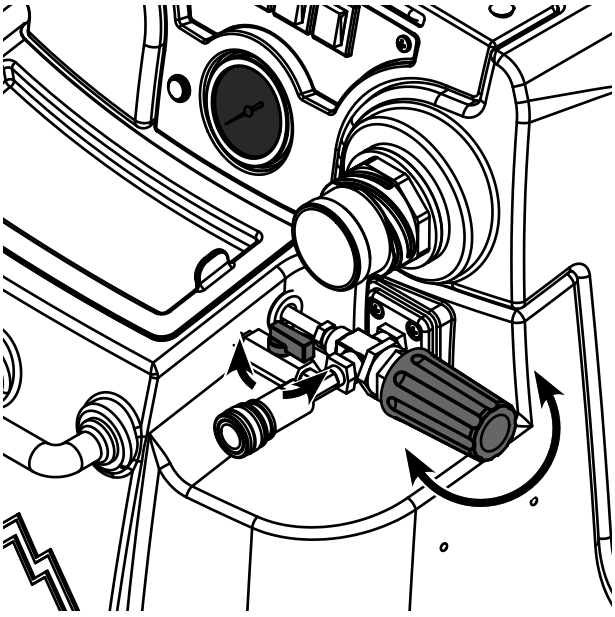
Attach female end of a solution hose to a wand or tool and the male end to the LTD's QD. Then connect a vacuum hose to a wand and the 2" male Cuff-Lynx™ hose port. (If using the optional de-foamer, install the kit onto the vacuum port according to the instructions that come with the de-foamer kit.)

SPEEDSTER® LTD12 SWITCHES



To use vacuum, turn on Vac 1 and Vac 2. To use pump, turn on Pump. To use pump-out, turn on Pump-Out switch.

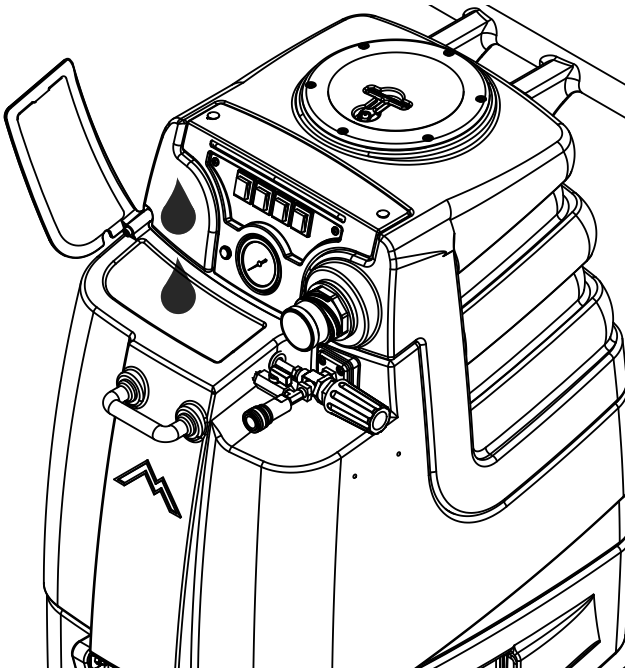
SPEEDSTER® LTD12 PRIME VALVE & PRESSURE REGULATOR



Prime the pump by having the Prime Valve parallel with its pipe and turn it clock-wise to run the pump. Turning the Pressure Regulator to its left will decrease water pressure and turning to the right will increase water pressure.

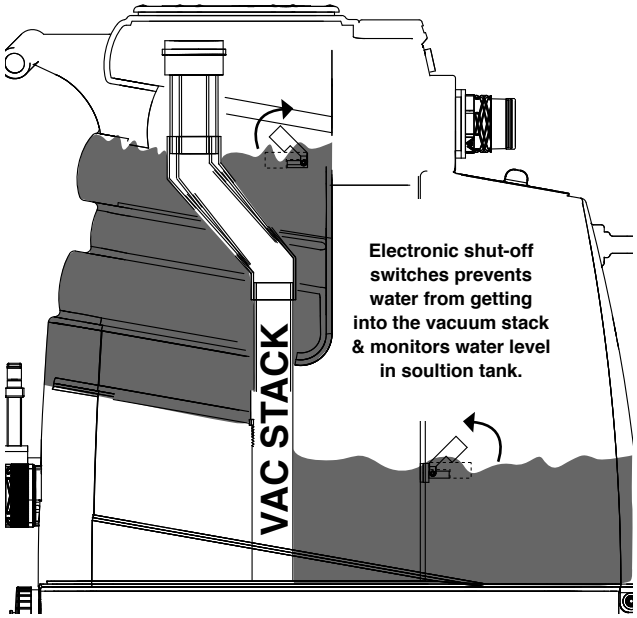
*Please refer to the Pressure Gauge to monitor your water pressure.

SPEEDSTER® LTD12 FILL SOLUTION TANK



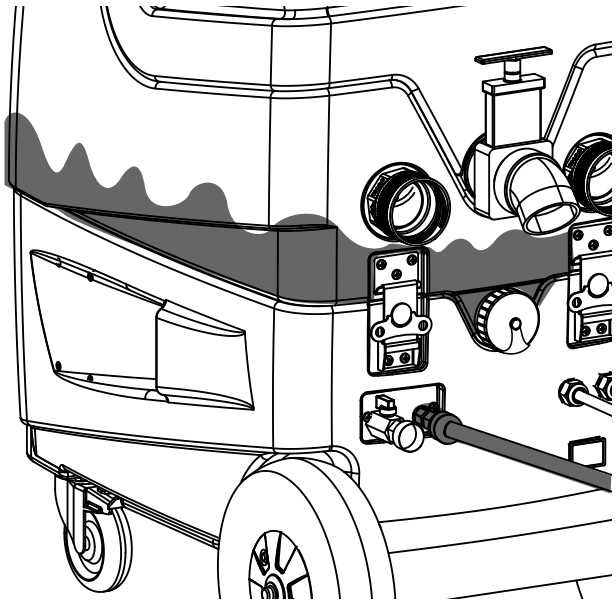
You can lift the lid to manually fill the tank or follow the "Operating Instructions" for auto-fill use.

SPEEDSTER® LTD12 FLOAT SWITCHES



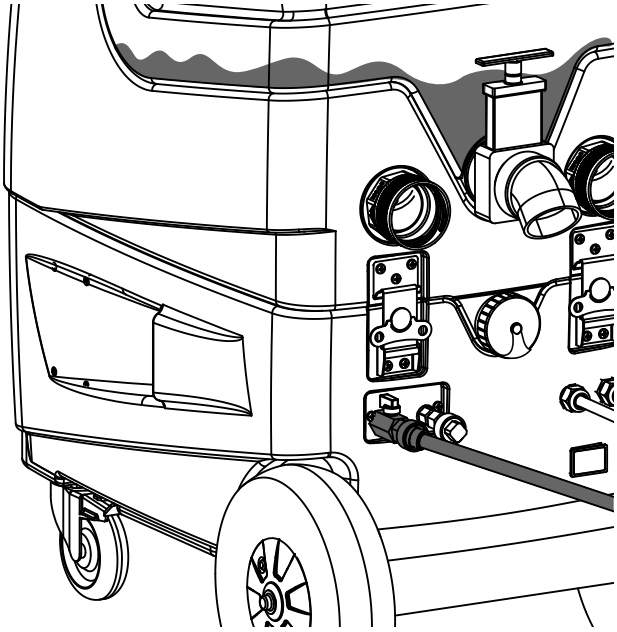
The LTD is equipped with an electronic float switch inside the recovery and solution tank. The recovery float switch is activated by rising water to prevent suction into the vacuum stacks damaging the motors. The solution float switch shuts off the auto-fill once water lever reaches switch.

SPEEDSTER® LTD12 AUTO-FILL CONECTIONS



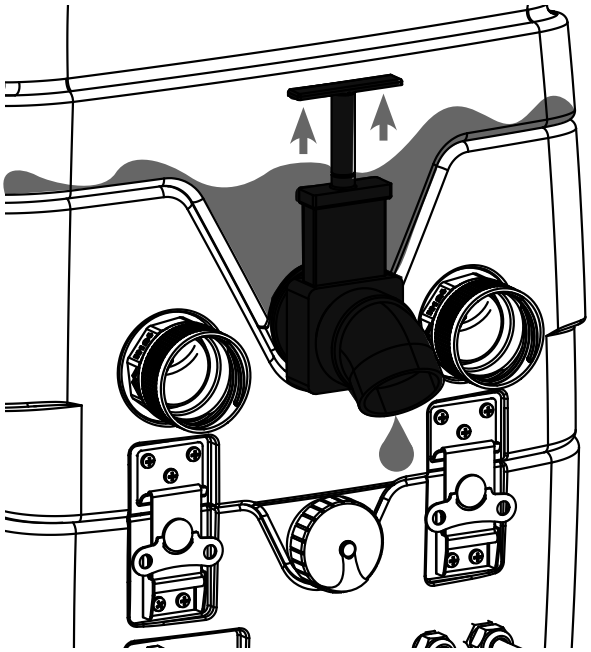
Using one end of a ½" garden hose, attach it to the mounted connection behind the LTD unit, then attach the other end to the desired faucet connection. With the auto-pump switch activated, turn on the faucet water and let the auto-fill begin to fill. It will shut off when the water level reaches the LTD's electronic float switch.

SPEEDSTER® LTD12 PUMP-OUT CONNETIONS



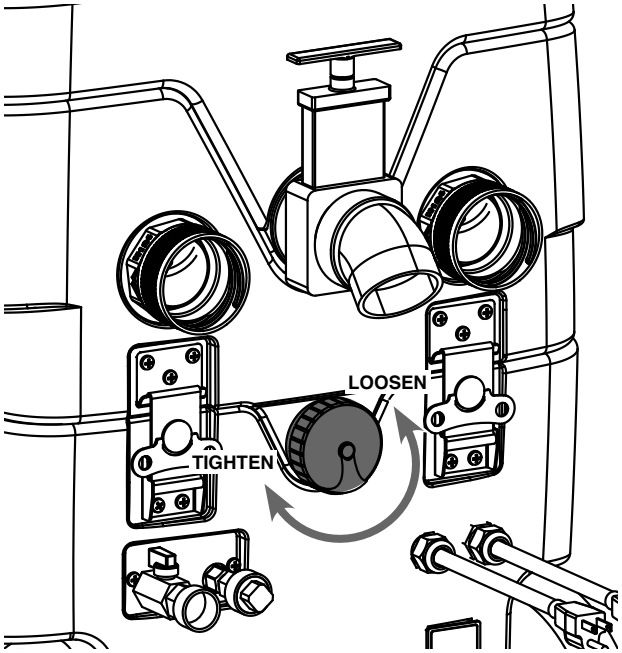
Using a separate ½" garden hose, attach one end to the LTD's mounted pump-out connection and lay the other end of the hose in a drainable location. With the pump-out switch activated and the valve parallel with its pipe, the unit will automatically drain water from the fill tank while the auto-fill maintains water levels. Make sure ball valve is open!

SPEEDSTER® LTD12 RECOVERY DRAIN VALVE



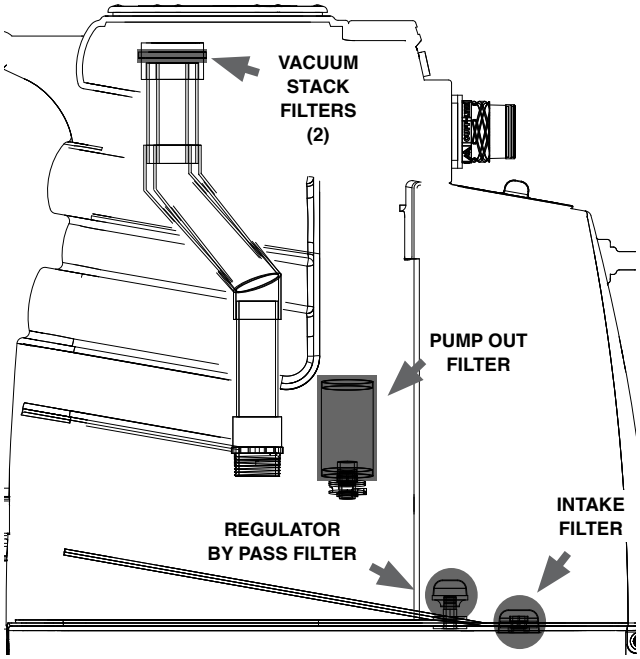
Make sure the Auto-Fill is turned off and then locate and lift the bucket high drain valve on the rear of the LTD unit to empty the tanks.

SPEEDSTER® LTD12 SOLUTION TANK DRAIN VALVE



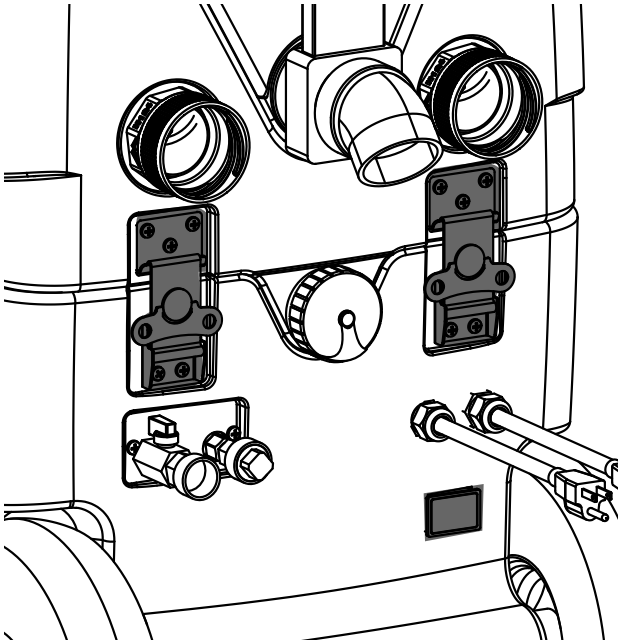
To remove any remaining water in the solution tank, located on the back of the unit is a cap, twist and remove cap to empty tank.

SPEEDSTER® LTD12 FILTER MAINTENANCE



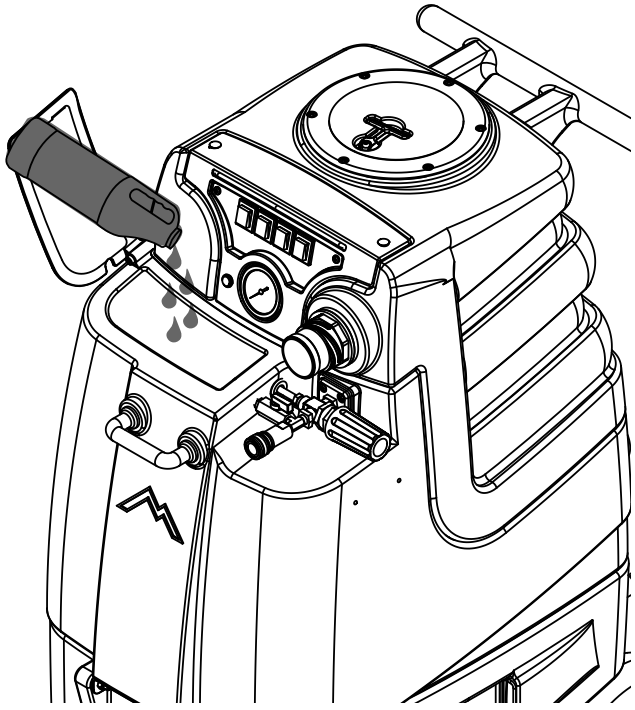
The LTD's five internal filters must be cleaned regularly and are located in the locations listed in the following diagram. Twist the filters to remove them then clean and replace in original locations. If a filter is torn or damaged, replace with a new one.

SPEEDSTER® LTD12 TANK LATCHES & PUMP HOUR METER



The rear latches can be unlatched from the lower half of the unit to open it for internal repairs and cleaning. To unlatch, flip and twist latches. The hour meter activates when the pump is turned on. This helps monitor usage and when to make oil changes. Refer to p. 24 for oil maintenance instructions.

MYTEE® SYSTEM MAINTAINER



Weekly flushing of the solution system with Mytee System Maintainer helps keep lines clean and prevents chemical build-up, improving pump life, performance, and pressure.

SPEEDSTER® LTD12 PARTS & PRICING

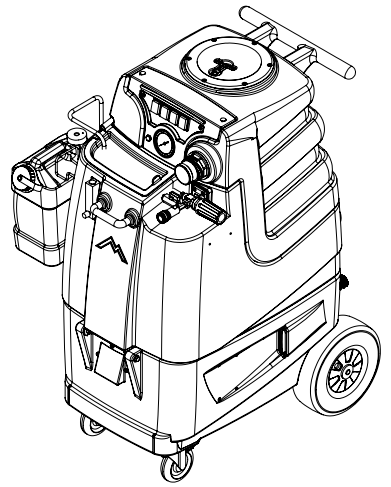
ITEM NO.	PART #	DESCRIPTION	QTY.	MSRP
1	H212	flat washer, 9/16"ID x 1 1/16"OD, AN960-C916	4	$0.99 ea
2	B199	coupler, 1/2" fpt x 1/4" fpt	3	$8.99 ea
3	B644	adapter, brass, 1/2" barb x 1/4" mpt	1	$2.49 ea
4	H347	clamp, hose, 5/16-29/32	14	$1.99 ea
5	PH615-9	sol hose, 1/2", 3045psi, black	1	$8.99 ft
6	H273	nut, kep, #10-32 zinc	16	$0.99 ea
7	H210	washer, 1/4" flat, s/s	30	$0.99 ea
8	H186	screw, 10-32 x 3/4, phil flat full thread	8	$0.99 ea
9	C381	pump out, 115v	1	$187.49 ea
10	PH615-37	sol hose, 1/2", 3045psi, black	1	$8.99 ft
11	H219	cap, axle, 1/2"	2	$0.99 ea
12	H109	wheel, 10", foam filled	2	$79.99 ea
13	H232	axle, 19.60" x .50"	1	$9.99 ea
14	H254	washer, axle, cut 1/2" id	4	$0.99 ea
15	P514	vent, side, LTD	2	$5.00 ea
16	H668	caster, 4", black hub & gray tread	2	$19.49 ea
17	H342	bolt, 1/4-20 x 1" hex head, s/s	8	$0.99 ea
18	H216	nut, lock, 1/4-20, nylon insert, s/s	14	$0.99 ea
19	H343	screw, 10 x 5/8" hex head, zinc	4	$0.99 ea
20	C317	fan, cooling, 115V	1	$21.49 ea
21	E370	controller, water level, dual pump or vac	1	$94.99 ea
22	H202	bolt, 1/4x20x3/4" hex head	4	$0.99 ea
23	B135	tee, brass, 1/4" mpt	2	$5.49 ea
24	B143	street elbow, 90 degrees, 1/8"	4	$2.99 ea
25	C332	pump head, general, 2.1 GPM	1	$569.99 ea
26	B172	elbow, brass, 90 deg, 1/2" barb x 3/8"mpt	1	$9.49 ea
27	PH615-23	sol hose, 1/2", 3045psi, black	1	$8.99 ft
28	B160	adapter, brass, 1/2" barb x 3/8" fsw, ball end	2	$3.49 ea
29	B168	adapter, 3/8" NPTF x 3/8"NPTM	1	$3.99 ea
30	B169	tee, 3/8" Street Tee, MPTxFPTxFPT	1	$23.99 ea
31	B246	plug, brass, 3/8" mpt, hex	1	$1.99 ea
32	B105	bushing, brass, 3/8"mpt x 1/4"	3	$3.19 ea
33	B216	nipple, brass, 3/8" x close	2	$1.99 ea
34	B197	valve, solenoid, 1/4", 115V	1	$89.99 ea
35	C329	motor, for pump, 1 HP, 1725 RPM	1	$359.99 ea
36	P511	LX series base	1	$196.99 ea
37	PH615-32	sol hose, 1/2", 3045psi, black	1	$8.99 ft
38	B123	adapter, brass, 1/2" barb x 1/4" fpt	1	$4.99 ea
39	B107	nipple, brass, 1/4"m, hex	3	$3.19 ea
40	G068	bumper, 7/8" x 1/4" head	2	$1.99 ea
41	H486	latch, front	2	$13.99 ea
40	H230	screw, 10-32 x 1/2" phil pan head, s/s	20	$0.99 ea
43	H221	nut, lock, 1/2" steel	2	$1.99 ea
44	H220	fitting, strain relief, cord	2	$3.19 ea
45	E550	power cord, pigtail, 30", 12/3, black	2	$11.49 ea
46	E564	controller, circuit light	1	$62.99 ea
47	E369	hour meter, panel mount, analog	1	$35.99 ea
48	H039	plate, auto fill/ pump out	1	$9.99 ea
49	B656A	ball valve, 1/2" m x 1/2" f	1	$16.49 ea
50	B205B	QD, 1/2" npt x 3/4" mgh, pump-out	2	$3.99 ea
51	B204	qd, 3/4" female x female garden hose	2	$9.99 ea
52	H541A	valve, float, autofill	1	$108.99 ea
53	B198	coupler, 3/4" fpt x 1/2" mpt	1	$16.99 ea
54	B167	street elbow, 1/2" fpt x 1/2" mpt	1	$10.99 ea
55	B303	nipple, 3" x 1/4" npt x 1/4" npt	2	$8.99 ea
56	B208	coupling, 3/8" fpt x 1/4" fpt	1	$8.99 ea
57	H541C	chemical injector	1	$39.99 ea
58	B186	elbow, brass, 90 deg, 3/8"mpt x 3/8" fmpt	2	$8.99 ea
59	H299	washer, 11/16"id x 1-1/2"od x .075, s/s	9	$0.99 ea
60	B129	nipple, hex, 1/8" mpt x 1/8" mpt	2	$1.99 ea
61	B103	elbow, brass, 90 deg, 1/4"mpt x 1/4" fpt	1	$4.49 ea
62	B210	bushing, brass, 1/2"mpt x 3/8" fpt, hex	2	$2.49 ea

ITEM NO.	PART #	DESCRIPTION	QTY.	MSRP
63	B119A	filter, strainer, 1/2"	1	$6.49 ea
64	H201	bolt, 1/4-20 x 1/2", hex head, zinc	2	$0.99 ea
65	H213	washer, 1/4" lock, s/s	8	$0.99 ea
66	H378	bracket, front hinge, sp/fb	1	$8.99 ea
67	H204	bolt, 1/4-20 x 1 3/4" hex head, s/s	2	$0.99 ea
68	B131	fitting, 1/4" barb x 1/8" FPT	2	$2.99 ea
69	PH634-18	sol hose, 1/4", silicone braided, clear	1	$6.49 ea
70	H325	flow meter, electric truckmount	1	$189.99 ea
71	G069	gasket, flow meter	1	$0.99 ea
72	H246	screw, 8-32 x 3/8" SHCS, alloy, Black	2	$0.99 ea
73	B117	strainer, with check, chemical injector	1	$18.99 ea
74	PH634-26	sol hose, 1/4", silicone braided, clear	1	$6.49 ea
75	H547	hanger, wire for injection sprayer	1	$7.49 ea
76	H456B	cap (only) w/ hole	1	$3.99 ea
77	P534	bottle, 7 quart, w/ caps	1	$17.99 ea
78	G036	cap, 2.5" threaded, tethered	2	$3.49 ea
79	H485	handle, breeze and dx	1	$6.99 ea
80	H768	bolt, 1/4-20 x 3/4" serrated hex flange, zinc	2	$0.99 ea
81	G052	washer, buna 1-1/8" od x 3/16" id	2	$1.99 ea
82	H211	washer, 1/4"id x 1"od, flat, s/s	2	$0.99 ea
83	H650	bolt, 5/16" shoulder x 1-1/2" lg, alloy	1	$0.99 ea
84	P513	solution tank lid, LTD	1	$9.00 ea
85	H390A	bracket, "L"	2	$6.99 ea
86	H770	bolt, 1/4-20 x 1/2" serrated hex flange, zinc	4	$0.99 ea
87	P509	LX series sol tank	1	$141.95 ea
88	H124	Cuff-Lynx, 2" mpt x 2" female cuff	2	$3.99 ea
89	PH634-20	sol hose, 1/4", 300 PSI	1	$6.49 ft
90	B109	adapter, brass, 1/4" barb x 1/4" mpt	2	$1.99 ea
91	H484	plate, mounting, QD	1	$4.99 ea
92	AH117	hose, pulse, black, 1/4" fswl x 1/4" fswl, 40" (OAL)	2	$19.99 ea
93	H306B	unloader, 1200 psi	1	$126.49 ea
94	B102	qd, brass, 1/4" f	1	$17.99 ea
95	B656	ball valve, 1/4"	1	$13.49 ea
96	PH634-36	sol hose, 1/4", 300 PSI	1	$6.49 ft
97	H308D	gauge, pressure, 2000 PSI	1	$38.99 ea
98	E512B	light, indicator, 125v (amber)	1	$9.99 ea
99	E515	switch, rocker, 2 position	4	$13.99 ea
100	H029	plastite screw, 10 x 1/2"	2	$0.99 ea
101	H074	plate, switch, ltd5, ltd12	1	$5.99 ea
102	H031	plastite screw, 10 x 1"	2	$0.99 ea
103	H434	plug, vent, heyco, 1/2"	2	$4.48 ea
104	P512	LX series switchbox	1	$24.00 ea
105	H135	Cuff-Lynx, 2" m cuff x 2" mpt	1	$3.99 ea
106	G083	gasket, 2" inlet	1	$2.49 ea
107	H314	nut, lock, 1-1/2", steel	2	$1.99 ea
108	P520	adapter, pvc, 1-1/2" mpt x 1-1/2" fms	2	$2.99 ea
109	P503	adapter, 1.5" pvc, 45 deg, fslip x fslip	4	$3.29 ea
110	G091	gasket, 7", vac lid	1	$11.99 ea
111	G090	lid, vac tank, clear, 7"	1	$36.99 ea
112	H304	screw, #8 x 5/8 phil oval, s/s	6	$0.99 ea
113	PH633-1	pipe, pvc, 1-1/2"	2	$4.99 ft
114	G022	filter, foam, 2-3/8" x 1"	2	$2.99 ea
115	G097	screen, mesh filter, 1-1/2" dia	2	$4.99 ea
116	P502	adapter, 1.5" pvc, fslip x fslip	2	$5.00 ea
117	PH633-06	PIPE, 1-1/2" x 6" PVC	2	$4.99 ft
118	PH633-03	pipe, pvc, 1-1/2"	2	$4.99/ft
119	PH633-4	pipe, pvc, 1-1/2"	2	$4.99/ft
120	A926	elbow, inlet assembly 2"	1	$15.99 ea
121	H225	valve, drain, 1-1/2"	1	$20.99 ea
122	H226	spout, drain, 45 degree	1	$3.19 ea
123	P510	LX series vac tank	1	$99.99 ea
124	H333	mesh filter, auto dump, 1/2" npt	1	$12.99 ea

ITEM NO.	PART #	DESCRIPTION	QTY.	MSRP
125	B236	elbow, brass, 90 deg, 1/2" barb x 3/8" fpt	1	$14.49 ea
126	H503	vac support, 3 stage, 3.25", no thrds	6	$3.99 ea
127	G004	gasket, vac motor - Speedster	2	$8.99 ea
128	PH628-7	vac hose, 2", black, wire reinforced	2	$8.99 ft
129	H217	clamp, hose, 2-1/4 dia	4	$1.49 ea
130	H194	coupler, 2" dia x 2.5" length, s/s	2	$10.00 ea
131	H096	bolt 1/4-20 x 4, s/s	6	$0.99 ea
132	C302LA	vac motor, 3 stage, low amp	2	$139.99 ea
133	B207	elbow, brass, 90 deg, 1/4" fpt x 1/4" fpt	1	$5.99 ea
134	E373	level switch, vacuum shut-off, rear threads	1	$13.99 ea
135	B156	nut, 1/4" npt	1	$1.99 ea

ITEMS NOT SHOWN

PART NO.	DESCRIPTION	QTY	MSRP
E352	LED strip light, with lead wires	1	$26.99 ea
E530	power cord, ext 50', 12/3, black	2	$74.99 ea
G008	piglet filter	1	$6.29 ea
G076	filter bag, 3.5" metal o-ring, mesh bag	1	$4.99 ea
H110	Cuff-Lynx, 2: hose x 2" fem swivel	1	$3.99 ea
H140	Cuff-Lynx, female swivel x female thread	1	$3.99 ea
H141	Cuff-Lynx, 2: x 1.5" reducer	1	$3.99 ea
H375	hanger, wire formed, hose	1	$6.99 ea
AD127	stop sign, register your product	1	$2.00 ea
ADM Cuff Lynx	Cuff-Lynx instruction guide	1	n/a



	NAME	DATE
DRAWN	M.LaBarbera	10/2013
CHECKED		

COMMENTS:

mytee PRODUCTS, INC.
858-679-1191

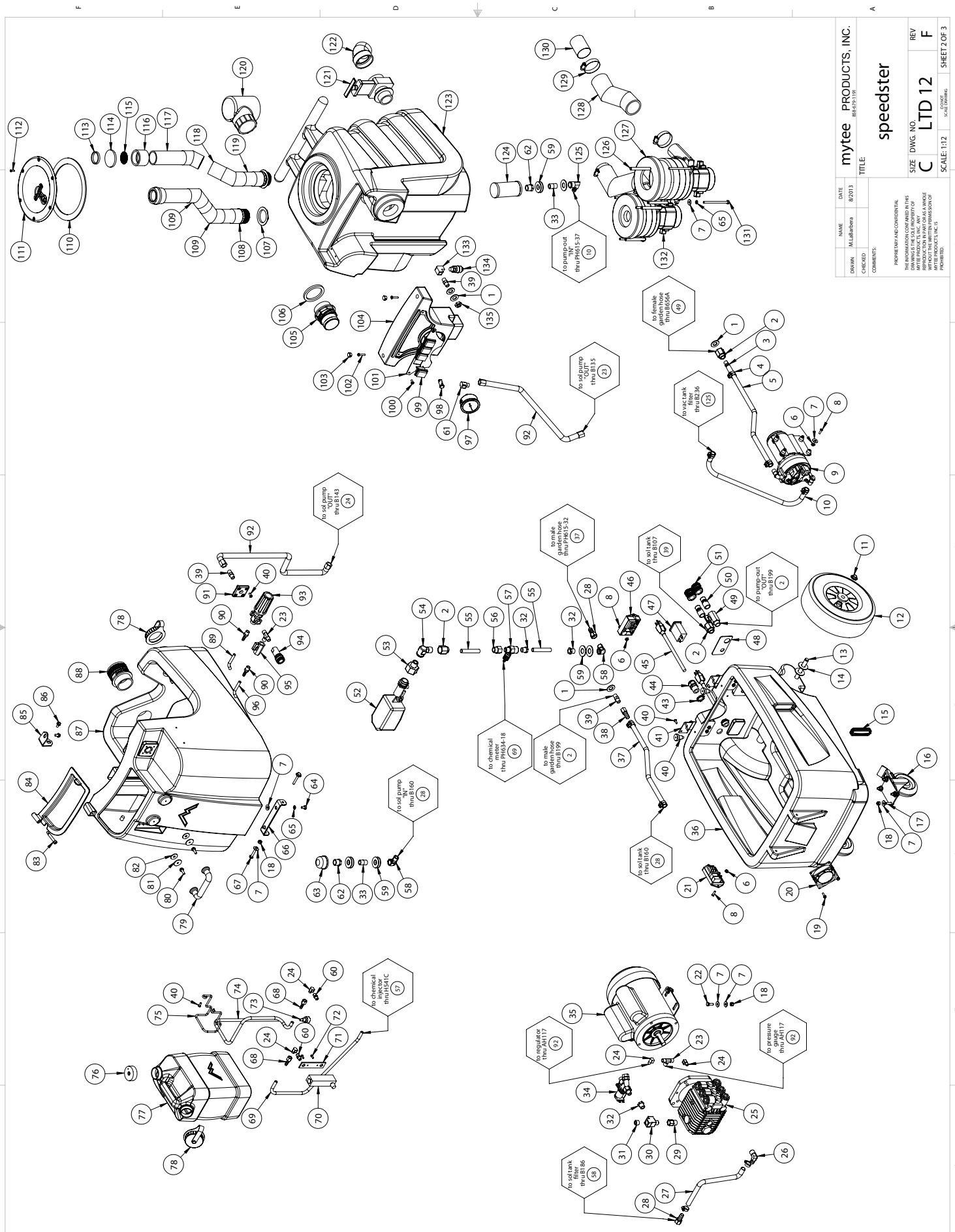
TITLE: speedster

SIZE	DWG. NO.	REV
C	LTD 12	F

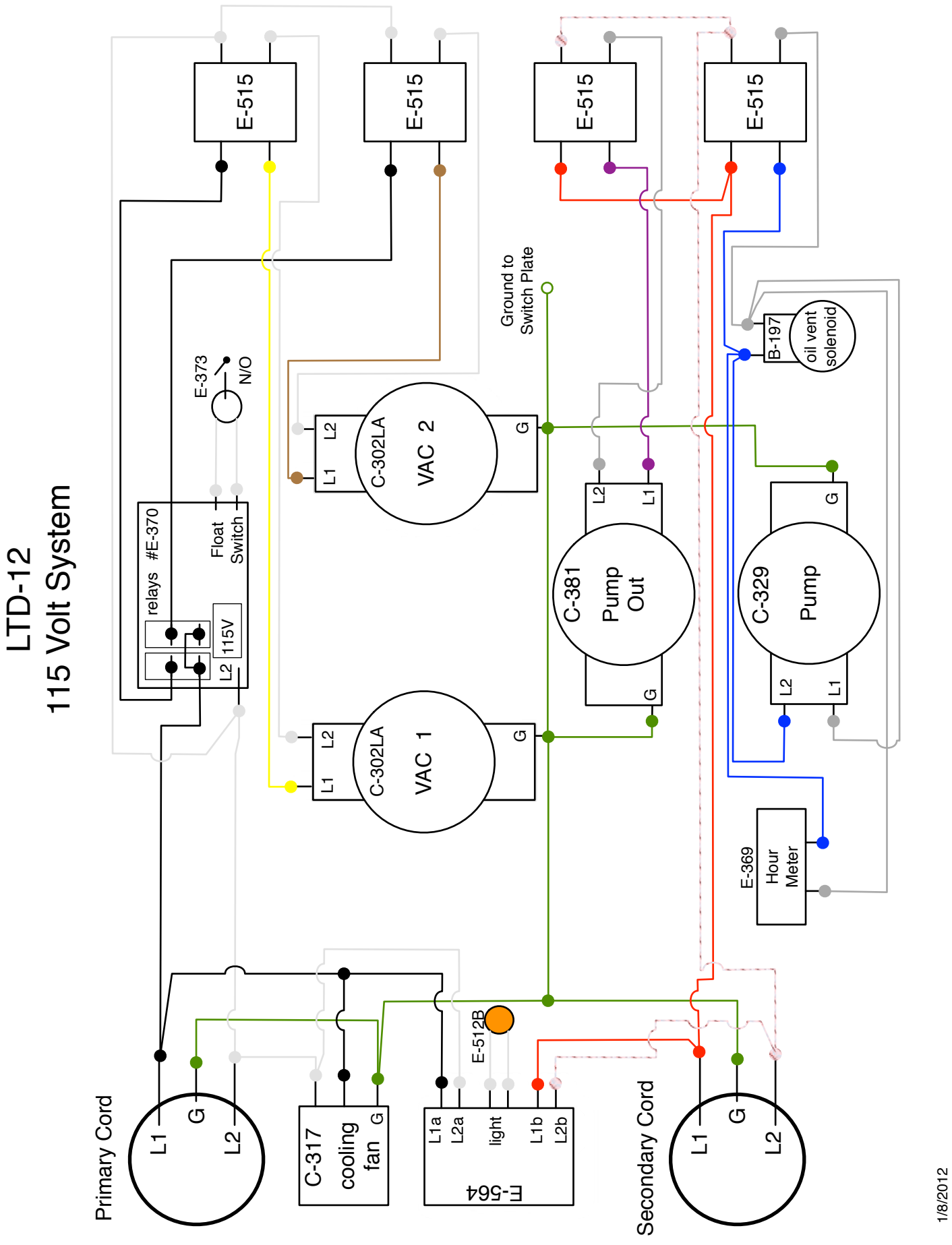
SCALE: 1:12 | DO NOT SCALE DRAWING | SHEET 1 OF 3

Order parts at: www.mytee.com/products/product.php?id=LTD12

Part prices are subject to change.


mytee PRODUCTS, INC.
speedster
SIZE C DWG. NO. LTD 12 REV F
SCALE: 1:12
SHEET 2 OF 3
to pump out "IN" thru PH615-37 (10)
to pump out "OUT" thru B199 (2)
to female garden hose thru B656A (49)
to vac tank filter thru B236 (125)
to sol pump "OUT" thru B135 (23)
to sol pump "OUT" thru H143 (24)
to male garden hose thru PH615-32 (37)
to sol tank thru B107 (39)
to chemical meter thru PH634-18 (69)
to male garden hose thru B199 (2)
to sol pump "IN" thru B160 (28)
to sol tank thru B160 (28)
to chemical injector thru H541C (57)
to regulator thru AH117 (92)
to pressure gauge thru AH117 (92)
to sol tank filter thru B186 (58)

SPEEDSTER® LTD12 WIRING DIAGRAM



Color diagram at: **www.mytee.com/products/product.php?id=LTD12**

Dear Customer:

Congratulations on the purchase of your new LTD Speedster® extractor. As technology continues to develop you can work confidently knowing that both Mytee Products Inc. and its employees are equally dedicated to developing with the industry and its advances.

Like any other piece of machinery or technology, the LTDs also requires the proper maintenance and care to keep the product working over extended use. Neglecting your machine, abusing it or not operating it properly can void its warranty and prevent the machine from performing to the quality and standard you'd expect out of the Mytee Products Inc. line.

If you have any warranty concerns or questions, please review this manual thoroughly or do not hesitate to contact your distributor. If there are questions regarding maintenance, replacement or ordering parts please contact an authorized Mytee Products Inc. Service Center. To see an updated list please visit our website at www.mytee.com/help/service.php

Before using your Mytee Product, please read this manually thoroughly.
Sincerely,
Mytee Customer Care Dept.

Grounding Instructions

This machine must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electrical shock. This machine is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed in accordance with all local code and ordinances. Do not remove ground pin; if missing, replace plug before use.

DANGER

Improper installation of the equipment-grounding conductor can result in a risk of electric shock. Be sure to check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. If the plug will not fit in the outlet do not modify either the plug nor the machine's cord, instead have a proper outlet installed by a qualified technician.

This machine is for use on a nominal 120-volt circuit and with a grounding plug similar to the one in Figure 1 below. If a proper outlet is not available, follow the illustrations of Figure 2 & 3 to install a temporary-grounding plug. This temporary work-around should be used only until a proper outlet (Figure 1) can be installed by a qualified electrician. When and if this type of adapter is employed, screw the adapter's extended tab into place with a metal screw. However, grounding adapters are not approved for use in Canada.

Again, be sure to check the grounding pin for damages and replace if necessary.

The Green, or Green-Yellow, wire in the cord is the grounding wire. When replacing a plug, this wire must be attached to only the grounding pin.

DO NOT use extension cords.
Please Note for America use only

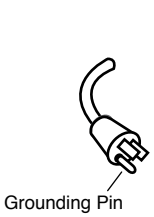


Figure 1

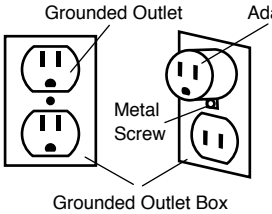


Figure 2

Figure 3

Parts and Service

Please contact a Mytee service personnel or Mytee authorized Service Center using Mytee original replacement parts and accessories for repairs are needing to be performed. When and if calling Mytee for support, please have your Model and Serial Number available for faster assistance.

Name Plate

The Model and Serial Number are located on the lower half of the back of the machine near the power plugs and will be required for ordering replacement parts. You can use the space provided on the front of this manual to note down both for future referencing.

Unpacking the Machine

When your new machine is delivered, please carefully inspect both the shipping carton and the machine for damages. If damage is evident, save both the shipping carton and machine so that the delivering carrier can inspect it. Contact the carrier immediately to file a freight claim if there has been any damage.

Caution and Warnings

Symbols

Mytee uses the symbols below to signal potentially dangerous conditions. Always read this information carefully and take the necessary steps to protect personnel and property.

DANGER

Is used to warn of immediate hazards that will cause severe personal injury or death.

WARNING

Is used to call attention to a situation that could cause severe personal injury.

CAUTION

Is used to call attention to a situation that could cause minor personal injury or damage to the machine or other property. When using an electrical appliance, basic precautions should always be followed, including the following: Read all instructions before using this machine. This product is intended for commercial use only.

WARNING

To reduce the risk of fire, electrical shock, or injury:
1. Read all instructions before using equipment.
2. Use only as described in this manual. Use only manufacturer's recommended attachments.
3. Always unplug power cord from electrical outlet before attempting any adjustments or repairs.
4. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
5. Do not pull or carry by cord. Do not close a door on cord or pull cord around sharp edges or corners.
6. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not use with damaged cord or plug. If cord is damaged, repair immediately.
8. Do not use outdoors or on wet surfaces and or standing water.
9. Always unplug or disconnect the appliance from power supply when not in use.
10. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
11. Do not use in areas where flammable or combustible material may be present.
12. Do not leave the unit exposed to harsh weather elements. Temperatures below freezing may damage components and void warranty.
13. Use only the appropriate handles to move and lift unit. Do not use any other parts of this machine for this purpose.
14. Keep hair, loose clothing, fingers, and all parts of the body away from

all openings and moving parts.
15. Use extra care when using on stairs.
16. To reduce the risk of fire or electric shock, do not use this machine with a solid-state speed control device.
17. The voltage and frequency indicated on the name plate must correspond to the wall receptacle supply voltage.
18. When cleaning and servicing the machine, local or national regulations may apply to the safe disposal of liquids which may contain: chemicals, grease, oil, acid, alkalines, or other dangerous liquids.
19. Do not leave operating unattended.

Preparation

1. Remove furniture and other items from the area you are going to clean.
2. Vacuum carpet and upholstery, and remove debris.
3. Protect cabinets, walls and painted surfaces with drop cloths or plastic.
4. Inspect power cords for damages.

Operating Instructions

1. Fill the solution tank.
2. Attach female end of a solution hose to a wand or other tool and the male end to the LTD's Quick Disconnect (QD).
3. Attach one end of a vacuum hose to a wand or other tool and the other end to the LTD's 2" Cuff-Lynx vacuum hose ports.
4. Plug in power cords:

LTD3/5/12 Model: Using two separate circuits/breakers, plug in the grounded power cables as previously instructed using the appropriate grounding techniques.
The amber indicator to the left of the PSI gauge will illuminate and sound a tone when plugged into separate circuits/breakers.
1. Activate the switches using the following steps:
2. When the hoses are attached, turn Pump-Out Switche.
3. The Prime Valve and Pressure Regulator are located on the front right side of the solution tank and should be primed prior to use. To prime the pump turn the valve to the Prime position for 30 seconds, and then turn horizontally to the Run position.
4. Pull your wand's trigger to ensure water is running through the lines to avoid damage to the Pump and Heating unit (LTD3).
5. (LTD3) The heater switch has three positions: Off (Middle); 1,000 watts using 1 heater (Top); 600 watts & 1,600 watts using 2 heaters (Bottom)
If the water heater is to be used, prime system and turn it on to the desired wattage and wait five minutes for the water to reach temperature.
6. To clean, make two dry passes for every one wet pass while working away from the power cords. For optimal use or heavily soiled areas, repeat wash steps in the opposite direction.
7. To prevent motor or internal damage, use a preferred foam control solution in the recovery tank. Remember to check for build-up in both the recovery and solution tanks!
8. Empty the Recovery Tank when the internal shut off disengages the vacuum. Attach the 45º drain elbow to the drain spout located in the back and lift the dump valve to empty the tank.
9. Squeeze the wand or tool's trigger for five seconds after turning the power switches off to relieve any existing line pressure.
10. When the machine is off: unplug the power cables, remove solution and vacuum hoses, and empty the recovery tank by attaching the 45º drain elbow.
11. To empty the solution tank, twist off the solution tank drain cap located on the back of the machine.

After Use

1. Before storing the machine, drain, rinse and dry both the tanks and vacuum hoses of any residual water or solution.
2. Store standing upright in a dry, enclosed location.
3. Leave the recovery tank lid open for better air circulation.
4. If storing in freezing temperatures, take extra precautions to make sure the machine and solution systems are completely drained and dry.

Maintenance Schedule

Latches are located in the back to open the tank for internal maintenance. To keep machine in good working condition, follow the below recommended daily and weekly maintenance procedures. Relief valves should be replaced annually.

Maintenance item	Daily	Once a week
Clean and inspect tanks.	x	
Clean and inspect hoses.	x	
Check and clean internal filters by twisting off, rinsing with clean water and replacing.	x	
Check power supply cable.	x	
Clean machine with all-purpose cleaner and cloth.	x	
Check spray nozzles.	x	
Flush solution system with Mytee® System Maintainer.		x
Remove and float shut-off screen from tank and clean. Simply pull off.		x
Inspect vacuum hoses for holes and loose cuffs.		x
Inspect spray pattern for clogging. If clogged, remove spray tips and soak them in a recommended liquid neutralizer for up to six hours. To remove spray tip, twist spray tip body counter-clockwise.		x
Lubricate wheels with water resistant oil.		x
Inspect machine for water leaks and loose hardware.		x

Oil Maintenance

Each machine using the General Pump Head(add TM or C icon) will need its first its first oil change within 50-100 hours of use, then every three months for 500 hours after that. Regular lubrication is the easiest, most efficient and least expensive element in preventative maintenance according to the manufacturer, General Pump.

Required Equipment:
1. 9/16" Wrench or socket.
2. 7/8" Socket with ratchet to fit.
3. 11 oz SAE 30w Oil
4. Oil catch pan capable of holding 11 oz of oil (Height ≤ 2")
5. Oil funnel capable of fitting oil port on top of General Pump head brass tee (3/8" diameter)
6. Flash light (Optional)

Instructions:
1. Cover ground with cardboard or any available scrap material to prevent unwanted spills and stains.
2. Slide ≤ 2" oil catch pan under the ball valve located under the bottom front of the machine and to the left of the solution tank drain.
3. Release the two rear latches by turning its wings to the left then open top half of the machine completely to expose the main pump.
4. Remove the 9/16" oil cap from the brass tee on top of the General Pump head.
5. Unscrew then 7/8" oil plug from under the machine until finger loose.
6. Once the oil has stopped or slowed to a few drips, replace the lower oil plug then tighten it with a 7/8" socket.
7. Using a funnel, pour 11oz of SAE 30w oil into the top of the General Pump head through the brass tee.
8. Use a flashlight to check the side of the General Head to ensure the oil level reaches the midpoint of the view glass. Add or remove oil as needed.
9. Replace the 9/16" plug on top of the brass tee using a wrench or socket.
10. Close the machine and re-latch its rear to avoid any separation during transport.
11. Dispose of any old oil and continue normal use of the machine.

Filter Maintenance

All LTD models have six filters that need to be checked and cleaned after each week of use. Regular filter maintenance is a simple way to extend the life of your machines.

Vacuum Stack Filters:

Located inside of the black vacuum tank are two pvc vacuum stacks. Each stack has one foam filter to help prevent waste material from getting into

the vacuums and cause damage. To maintain these filters:
1. Remove the 7” clear vacuum lid.
2. Reach in and pull out the two black filters located in the top of the vacuum stacks.
3. Clean the filters under a faucet of any debris and check for damage. If the filters are not damaged, place them back in the stacks. If filters are damaged and falling apart, replace them.

Pump-Out Filters

The pump-out filter is located on the inside bottom of the black vacuum tank. It is recognizable by its cylindrical shape. To maintain filter:
1. Remove the 7” clear vacuum tank lid.
2. Reach in and unthread the cylindrical filter by rotating it counter clockwise. A flashlight may be needed to locate the filter.
3. Once the filter is out, slide off foam sleeve that surrounds the wire screen. Check for debris and damage. Rinse filter of any debris or replace if damaged.
4. Place filter back into vacuum tank by rotating it clockwise onto the brass nipple.

Pump Filters

The pump is a half-circle shaped screen located on the inside bottom of the blue solution tank. To maintain filter:
1. Open black solution tank lid.
2. Reach into solution tank and rotate the dome-shaped filter from its brass nipple by rotating it counter clockwise.
3. Check filter for any debris or damage to screen. Rinse filter of any debris or replace if damaged.
4. Place new or cleaned filter back onto brass nipple by rotating it clockwise.

Auto-Fill Solenoid Filter

The solenoid filter is located inside of the auto-fill solenoid, which is inside the base of the machine. The filter will be connected to the auto-fill male QD that extends from the back of the machine. To maintain the filter:

Required Tools:
7/8” Wrench or crescent wrench.
¾” Wrench

1. Open the machine by undoing the rear latches and rocking the top of the unit forward until it is resting on the ground and the internals of the base are exposed.
2. Locate the solenoid attached to the rear auto-fill and pump-out plate.
3. Place the 7/8” wrench of crescent wrench on the rear part of the solenoid closest to the inside of the auto-fill plate to help prevent rotation during steps 4 & 6.
4. Use the ¾” wrench to loosen the ¾” plug on the front of the solenoid.
5. Remove the solenoid screen and check for any debris or damage to screen. Rinse the screen of any debris or replace if damaged.
6. Replace the ¾” brass plug and screen then you can continue use as normal.

Oil Vent Solenoid Filter

The oil vent’s solenoid filter is located on top of the general pump head inside the base of the machine. It will be connected to the brass tee coming out of the oil fill hole. To maintain filer:

Required Tools:
7/8” Wrench or crescent wrench.
¾” Wrench

1. Open the machine by undoing the rear latches and rocking the top of the unit forward until it is resting on the ground and the internals of the base are exposed.
2. Locate the solenoid attached to the brass tee on top of the pump head.
3. Place the 7/8” wrench of crescent wrench on the rear part of the solenoid closet to the inside of the auto-fill plate to help prevent rotation during steps 4 & 6.
4. Use the ¾” wrench to loosen the ¾” plug on the front of the solenoid.
5. Remove the solenoid screen and check for any debris or damage to screen. Rinse the screen of any debris or replace if damaged.
6. Replace the ¾” brass plug and screen then you can continue use as normal.

Trouble Shooting

There is no power.
1. Plug power cord(s) in proper outlet(s).
2. If using two cords, make sure each is plugged into a separate circuit.
3. Check circuit breaker and reset if tripped. There should not be any additional items in use on the same circuit as the machine and the outlet must be a 20-amp circuit.

LTD Float Switch Maintenance

Each LTD machine contains two water level float switches. These float switches control specific functions of the machine. The first float switch will control the auto-fill feature while the second float switch controls power to the vacuums. These levers prevent water from getting into the vacuum stacks and spilling out from the solution tank.

Vacuum Tank Float Switch Maintenance & Replacement

Cleaning and maintaining float switches will help extend the life of your machine. Regular cleaning is required for proper functionality. To clean the level switch:
1. Remove the 7” clear vacuum tank lid located on top of the tank.
2. Use a flashlight to locate the float switch that will be located on the front wall of the vacuum tank.
3. Once located, reach in and hold the float switch finger all the way to one side by pushing on the opposite side.
4. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not take a lot of pressure to remove the switch, so be careful not to break it.
5. Check the float finger and where it attaches for debris or any other damage and if dirty, clean. If one of the male tabs where the float hooks is damaged, refer to the float switch replacement section.
6. Once cleaned, replace the float finger flat side down onto the male position tabs located on the float switch neck in the vacuum tank. First, hook one loop of the finger on one tab then roll and pull the other tab with your index finger until it snaps back into place.
7. Check to ensure the float switch still works by turning on both vacuums with the vacuum tank lid off. Reach inside and lift the float finger. If vacuums turn off, the float works. If the vacuums stay on, the float body may need replacing, or the float finger is installed upside down.

Vacuum Tank Float Switch Replacement

Required:
-Colored tape
-New float switch, rubber washer and plastic nut
-Silicone
-Medium/deep depth 13/16” socket and ratchet
-Medium crescent wrench
-Long shaft Phillips screw driver
-Flathead screwdriver

Instructions:
1. In a clear and open space, lay down a piece of cardboard or scrap material.
2. Undo the rear latches of LTD machine by turning them counter clockwise
3. Open the machine until it is resting on the scrap material previously placed on the floor, which will help minimize scratching and damage to the front of the LTD machine.
4. Locate the vacuum tank’s float switch wires coming out of the black vacuum tank and disconnect the two float switch wires that are plugged into the system. At this point, use the colored tape to mark the wires that the float switch was unplugged from.
5. Close the machine.
6. Locate blue switch plate box that holds the switches. Using the flat head screwdriver, remove the two black caps covering the Philips head screws that hold the switch box.

7. Using the Philips head screw driver, remove the two Philips head screws and pull the blue face box out.
8. Once the blue switch box is removed, the back end of the vacuum float switch should be visible.
9. Remove the 7” clear vacuum tank lid located on top of the vacuum tank. Use a flashlight to locate the position of the float switch on the front wall inside of the tank.
10. Once located, reach in and hold the float switch lever all the way to one side by pushing on the opposite side.
11. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not take a lot of pressure to remove the switch, so be careful not to break it.
12. Place the medium crescent wrench on the back nut of the float switch and the 13/16” socket on its inside nut. Loosen the float by rotating the ratchet counter clockwise until completely loose. Make sure not to lose any nuts or rubber washers in case they are needed in the future.
13. On the new float switch, hold the float switch lever all the way to one side by pushing on the opposite side.
14. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not take a lot of pressure to remove the switch, so be careful not to break it
15. Place the rubber washer over the threads of the new switch and all the way down to the 13/16” nut side.
16. Place a thin layer of silicone on the rubber washer.
17. Thread float switch-with actuating finger off-wires back through vacuum tank hole and thread it in using the 13/16” socket. Make sure the wires go down into the base of the machine.
18. Using your hand, thread the plastic nut onto the backside of the float switch placing the medium crescent wrench on the nut to hold in place
19. Tighten the 13/16” float until snug. Make sure the flat side of the body is facing towards the top of the vacuum tank.
20 . Replace float finger, flat side down, onto the male position tabs located on the float switch body in the vacuum tank. First, hook one side of the finger to one tab. Then roll and pull the tab with index finger until other clip snaps into place.
21. Replace blue switch box with two Philips screws.
22. Return the black plugs back over the screw holes for a clean and professional appearance.
23. Open the machine until it is resting on the scrap material previously placed on the floor.
24. Locate the vacuum tank float switch wires coming out of the black vacuum tank and re-connect the two float switch wires into the previously marked ones. It will not matter which wire you plug into each port, just make sure both wires are re-connected.
25. Close the machine and re-latch.
26. Check to ensure the new float switch works by turning on both vacuums with the vacuum tank lid off. Reach inside and lift the float finger. If vacuums turn off, the float works. If the vacuums stay on or will not turn on, the float finger may be installed upside down or wires were not connected completely.

Auto-fill Float Switch Maintenance and Replacement

Cleaning and maintaining float switches will help extend the life your machine. Regular cleaning is required for proper functionality. To clean auto-fill level switch:
1. Open the black lid on the blue solution tank.
2. Use a flashlight to locate the auto-fill tank’s float switch, which is on the back wall of the blue tank about 5” from the bottom of the tank.
3. Once located, reach in and hold the float switch finger all the way to one side by pushing on the opposite side.
4. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not take a lot of pressure to remove the switch, so be careful not to break it.
5. Check the float finger and where it attaches for debris or any other damage and if dirty, clean. If one of the male tabs where the float hooks is damaged, refer to the float switch replacement section.
6. Once cleaned, replace the float finger flat side down onto the male position tabs located on the float switch neck in the vacuum tank. First, hook one loop of the finger on one tab then roll and pull the other tab with your index finger until it snaps back into place.
7. Check to ensure the float switch still works by turning on both vacuums with the vacuum tank lid off. Reach inside and lift the float finger. If vacuums turn off, the float works. If the vacuums stay on, the float body may need replacing, or the float finger is installed upside down.

Auto-fill Float Switch Replacement
Required:
-Colored tape
-New float switch, rubber washer, and plastic nut
-Silicone
-Medium/deep depth 13/16” socket and ratchet
-Medium crescent wrench

1. In a clear and open space, lay down a piece of cardboard or scrap material.
2. Undo rear latches of LTD machine by turning them counter clockwise
3. Open the machine until it is resting on the scrap material previously placed on the floor, which will help minimize scratching and damage to the front of the LTD machine.
4. Locate auto-fill float switch wires coming out of the blue solution tank and disconnect the two float switch wires that are plugged into the system. At this point, use the colored tape to mark the wires that the float switch was unplugged from.
5. Close the machine halfway by setting the handle on a 5-gallon bucket or stand of similar height.
6. Locate the position of the float switch inside of the solution tank on the back wall of the tank.
7. Once located, reach in and hold the float switch lever all the way to one side by pushing on the opposite side.
8. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not take a lot of pressure to remove the switch, so be careful not to break it.
9. Place the medium crescent wrench on the back nut of the float switch and the 13/16” socket on its inside nut. Loosen the float by rotating the ratchet counter clockwise until completely loose. Make sure not to lose any nuts or rubber washers in case they are needed in the future.
10. On the new float switch, hold the float switch lever all the way to one side by pushing on the opposite side.
11. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not take a lot of pressure to remove the switch, so be careful not to break it
12. Place the rubber washer over the threads of the new switch and all the way down to the 13/16” nut side.
13. Place a thin layer of silicone on the rubber washer where it will be contacting the solution tank wall.
14. Thread float switch-with actuating finger off-wires back through vacuum tank hole and thread it in using the 13/16” socket. Make sure the wires go down into the base of the machine.
15. Using your hand, thread the plastic nut onto the back side of the float switch placing the medium crescent wrench on the nut to hold in place
16. Tighten the 13/16” float until snug. Make sure flat side of the float body is facing towards the top of the solution tank.
17. Replace float finger, flat side down, onto the male position tabs located on the float switch body in the vacuum tank. First, hook one side of the finger to one tab. Then roll and pull the tab with index finger until other clip snaps into place.
18. Locate auto-fill float switch wires coming out of the blue solution tank into the machine. Re-connect the two-float switch wires to the previously marked wires. It will not make a difference which wires you plug into each port, just make sure both wires are re-connected.
19. Close the machine and re-latch.
20. Check to ensure the float still works by hooking up the auto-fill feature like normal. Turn on water. Reach inside and lift the float finger. If water stops coming into the tank, the float works. If the water keeps pouring in, float finger may be installed upside down or wires may not be connected completely.

Pump does not work properly
1. Snap quick disconnects firmly together.
2. Check solution tank; may be empty.

3. Jets clogged, remove jet and flush clean.
4. Filters clogged, remove filters and rinse clean with water.
5. Heater is blocked; flush out with Mytee's® System Maintainer.
6. If brass check valve is stuck, replace valve.
7. Check pump wire. May need to reconnect wire.
8. Switch plate may need to be replaced.
9. If pump motor brushes are worn, replace pump.

Speedster® LTD3 heater does not work properly
1. If sensor mounted on the heater has popped, reset sensor by pushing in button.
2. Heating element may need to be replaced.

Vacuum motor does not work properly
1. Check that hose is tightly connected.
2. Close drain hose valve completely.
3. Secure the vacuum tank tightly.
4. If water is coming out of the vacuum motor, use a low foaming detergent.
5. Clean upholstery tool or floor wand jets.

FAQs

Q: How much do the Speedster® LTD Series extractors weigh and what are the dimensions?

A: All Speedster® LTDs
Machine Dimensions: 30" x 20" x 42"
Shipping Dimensions: 37 ¼" x 21" x 50 ¾"

LTD3 – Machine Weight: 145 lbs.
Shipping Weight: 185 lbs.

LTD5 – Machine Weight: 135 lbs.
Shipping Weight: 175 lbs.

LTD12 – Machine Weight: 140 lbs.
Shipping Weight: 180 lbs.

Q: What comes standard with Speedster® LTDs?
A: Two 50' power cords, hose hanger with screws, two Cuff-Lynx™ Model Numbers: H141 Reducer and H110 Coupler Swivel, pack of Piglets™ and 45˚ drain elbow.

Q: Does Mytee® recommend tools for this machine?
A: All upholstery tools and wands can be used with the Speedster® LTD series.

Q: Is there anything I can do to increase the expected life of my machine?
A: Running the vacuum motors with the tank empty and lid off will allow excess moisture in the vacs to dry off. You should also run Mytee's® System Maintainer through the system to keep the hoses, pump, and heater clean and free of debris.

NOTES

Mytee Products Inc.
13655 Stowe Dr.
Poway, Ca. 92064
www.mytee.com
FX 858.679.7814