



PACIFIC[™]
F L O O R C A R E

PURPOSE BUILT.[™]

PARTS & OPERATING MANUAL

TE-12 TANK EXTRACTOR

PLEASE READ THIS BOOK

This operator's book has important information for the use and safe operation of this machine. Read this book carefully before starting the machine. Keep this book and tell all operators to read the book. If you do not follow the instructions, you can cause an injury or damage equipment, furniture or buildings.

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2259 S. Sheridan Drive
Muskegon, MI 49442-6252

Carefully inspect all components to ensure that there is no concealed freight damage. If such damage is discovered, file a "CONCEALED DAMAGE REPORT" immediately with the delivering carrier.

The contents of this manual are based on the latest product information available at the time of publication. Pacific reserves the right to make changes or improvements without notice.

**Thank you for purchasing a Pacific Floorcare product. Warranty registration will allow us to better serve you over the lifetime of the product. For quick and easy registration, go to:
www.pacificfloorcare.com/Register Product.**

IMPORTANT SAFETY INSTRUCTIONS

Grounding Instructions

This machine must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This machine is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING - Improper connection of the equipment-grounding conductor can result in a risk of electric shock.

Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the machine - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

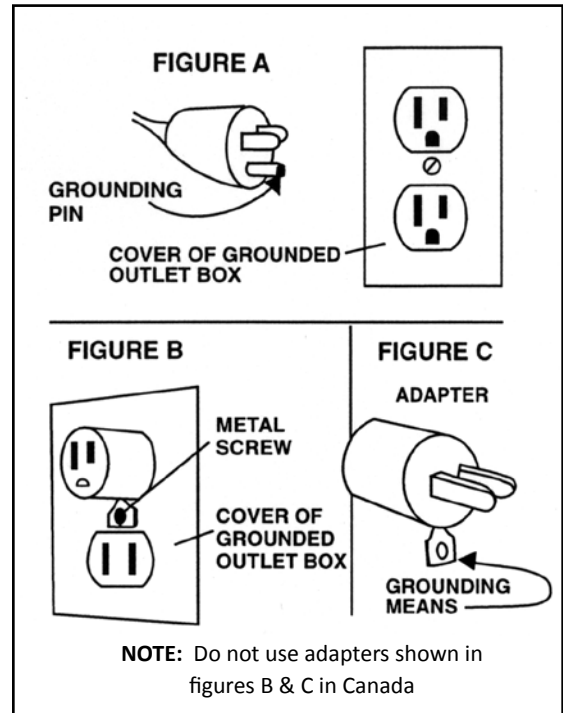
This machine is for use on a nominal 120-volt circuit, and has a grounded plug that looks like the plug illustrated in figure A. A temporary adapter that looks like the adapter illustrated in figures B and C may be used to connect this plug to a 2-pole receptacle as shown in figure B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (figure A) can be installed by a qualified electrician. The green colored rigid ear, lug, or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw.

NOTE: In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code

EXTENSION CORDS

Use only three-wire 12/3 or larger gauge approved extension cords that have three-prong grounding type plugs and three-pole receptacles that accept the appliance's plug. Replace or repair any damaged cords or plugs.

When servicing, refer to authorized person only. Use only identical replacement parts.



IMPORTANT SAFETY INSTRUCTIONS

To ensure the safe operation of this machine, you must read and understand all warnings and instructions in this book. If you do not understand, ask your supervisor.

READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE

WARNING: To reduce the risk of fire, electric shock, or injury:

1. You must be trained to operate this machine. This machine is to be operated for its intended use only.
2. Do not operate this machine unless it is completely assembled.
3. Always use a three-wire electrical system connected to the electrical ground. For maximum protection against electrical shock, use a circuit that is protected by a ground fault circuit interrupter. Consult your electrical contractor.
4. To prevent electric shock, always remove the electrical plug from the electrical outlet before doing any repairs or maintenance and when leaving the machine unattended.
5. Machines can cause an explosion when near flammable materials and vapors. Do not use this machine with or near fuels, grain dust, solvents, thinners, or other flammable materials. Do not use flammables to clean this machine.
6. A qualified or authorized person must do maintenance and repairs.
7. To prevent damage to the power cord, do not move this machine over the power cord. Always lift the power cord over the machine. Do not pull or carry cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Keep cord away from heated surfaces.
8. Do not use with damaged cord or plug. If the machine is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
9. Do not use this unit for dry pick-up of dust or debris.
10. To prevent injury, always remove the electrical plug from the electrical outlet before leaving the machine.
11. Do not immerse. To reduce the risk of electrical shock, use only on carpet moistened by the cleaning process. Protect the machine from rain. Keep the machine in a dry building. Always clean the machine with a clean dry cloth.
12. Make sure all switches are turned off before plugging or unplugging it power cord into/from a wall receptacle.
13. Do not use water that is hotter than 82°C (180°F).
14. To prevent damage to the solution system components do not store in freezing temperatures without proper maintenance.
15. Do not allow to be used as a toy. Close attention is necessary when used near children.
16. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
17. Do not handle the plug or machine with wet hands.
18. Do not put any object into openings. Do not use with any opening blocked. Keep free of dust, lint, hair and anything that may reduce the airflow.
19. Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
20. Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
21. Use extra care when cleaning on stairs.

OPERATING PROCEDURES

WARNING! For the safe operation of this machine follow the instructions given in this booklet and the training given by your supervisor. Failure to do so can result in personal injury and/or damage to machine and property!

DO NOT OPERATE MACHINE IN AN EXPLOSIVE ENVIRONMENT!

WARNING! NEVER USE THIS MACHINE TO PICK UP VOLATILE OR EXPLOSIVE MATERIAL!

The model shown in this manual is intended for commercial use.

ASSEMBLY & OPERATION

1. Connect one end of the vacuum hose to the intake port of the extractor located on the top of the unit and the other end to the wand.
2. Connect the one end of the solution hose to the brass water discharge fitting on the lower front of the extractor and the other end to the valve connection on the floor wand.
3. Fill the solution tank (the rectangular opening located on the top of the machine that does not have a cover) with warm or hot water, plus a commercial grade carpet cleaning chemical. Use dilution recommendations located on the chemical bottle. This unit holds 12 gallons of liquid. **Note: A low-foaming solution should be used. If not, a defoamer must be used to keep the foam to a minimum during use to protect your vacuum motor. Defoamer, if used, is placed in the recovery tank prior to operating the unit.**
4. Once you have completed all of the above and your unit is plugged into a grounded outlet, turn on the pump switch, which will start to pressurize the unit.
5. Turn on either one or both of the vacuum switches depending on the amount of suction desired.
6. Holding the wand with two hands, activate the solution by squeezing the lever on the wand (located at the top of the wand). Spray will start to flow from the jets located at the pick up end of the wand.
7. With one hand squeezing the wand lever, the other hand should be putting downward pressure on the wand and dragging the wand backwards across the carpet towards the operator. This is basically wringing the water out of the carpet and pulling dirt embedded in the carpet up while the suction created by the vacuum motor picks up the water & dirt and empties it into the recovery tank.
8. Repeat step #7 without putting more solution down to extract greater quantities of water from the carpet. Doing this extra times will shorten the drying time required for your carpet.
9. After using all of the solution from the solution tank, you should empty the recovery tank using the dump valve located at the lower rear of the machine by bringing the unit to a janitor's sink, commode, etc. and pulling up on the "T" handle on the top of the valve.
10. Once the recovery tank is emptied, lower the "T" handle and repeat steps 3-9 as needed to clean the remaining carpet.
11. The cover on the recovery tank must always be in place while using the extractor. The suction from the unit during operation holds this in place.
12. During recovery, note that 100% recovery of all liquid will not be achieved.

DAILY OR REGULAR MAINTENANCE

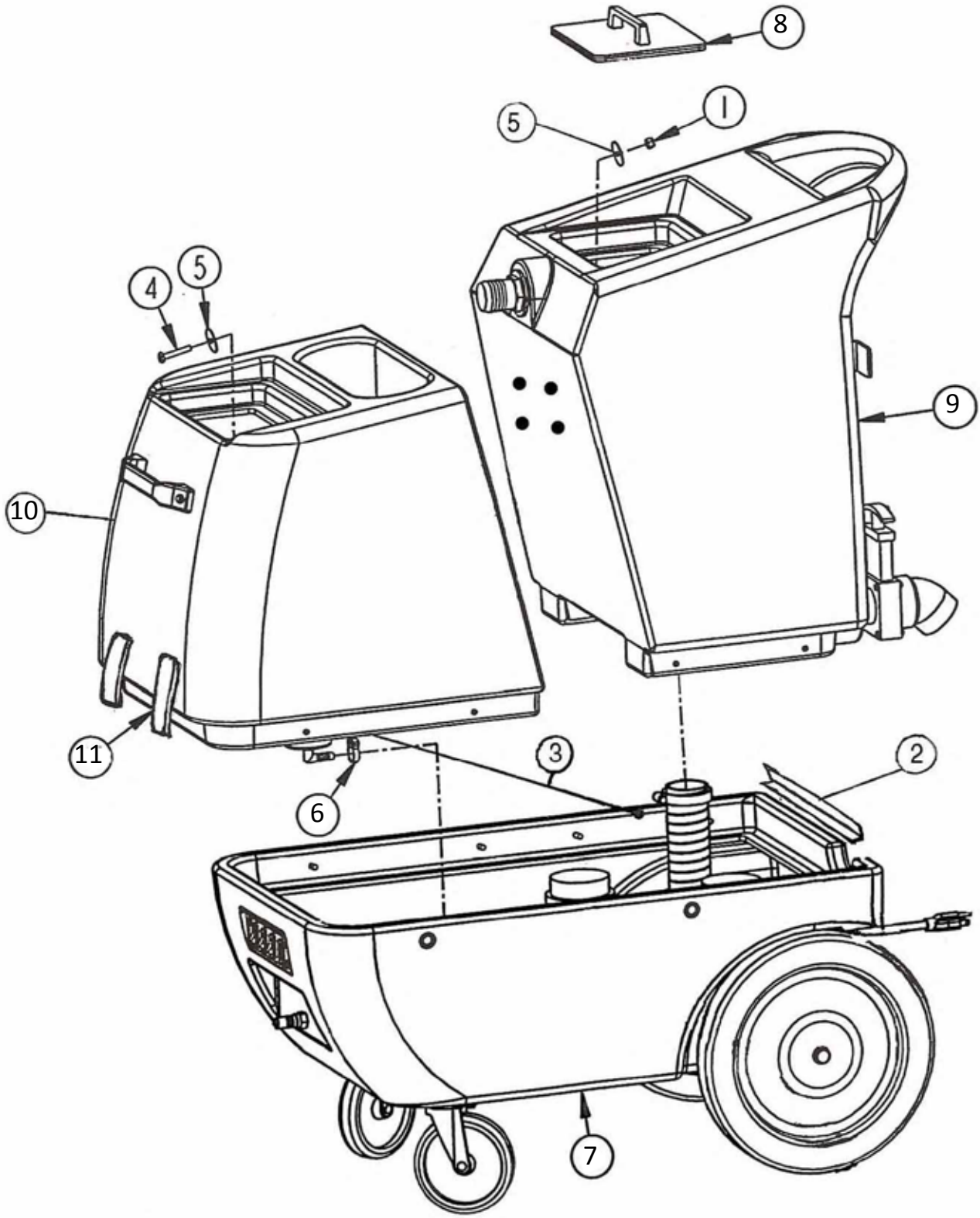
1. Rinse solution and recovery tanks out after every use. Never leave any liquid in the system after use during storage. Store unit in a warm place. If unit is left in a freezing environment with liquid left in the system, the pump and pump housing could crack, requiring replacement of the pump.
2. Twice a month, flush machine with a solution of white vinegar (one quart vinegar to two gallons of water) or anti-browning solution mixed as directed. This will prevent build up of alkaline residue in the machine.
3. If spray jet on the wand becomes clogged, remove spray tip, wash thoroughly and blow dry.

PERIODIC MAINTENANCE

1. Periodically inspect all hoses, electrical cable and connections on the machine. Frayed or cracked hoses should be replaced to eliminate vacuum or water pressure loss. Check power cable for damage. Repair or replace damaged cord to prevent fire or electric shock.

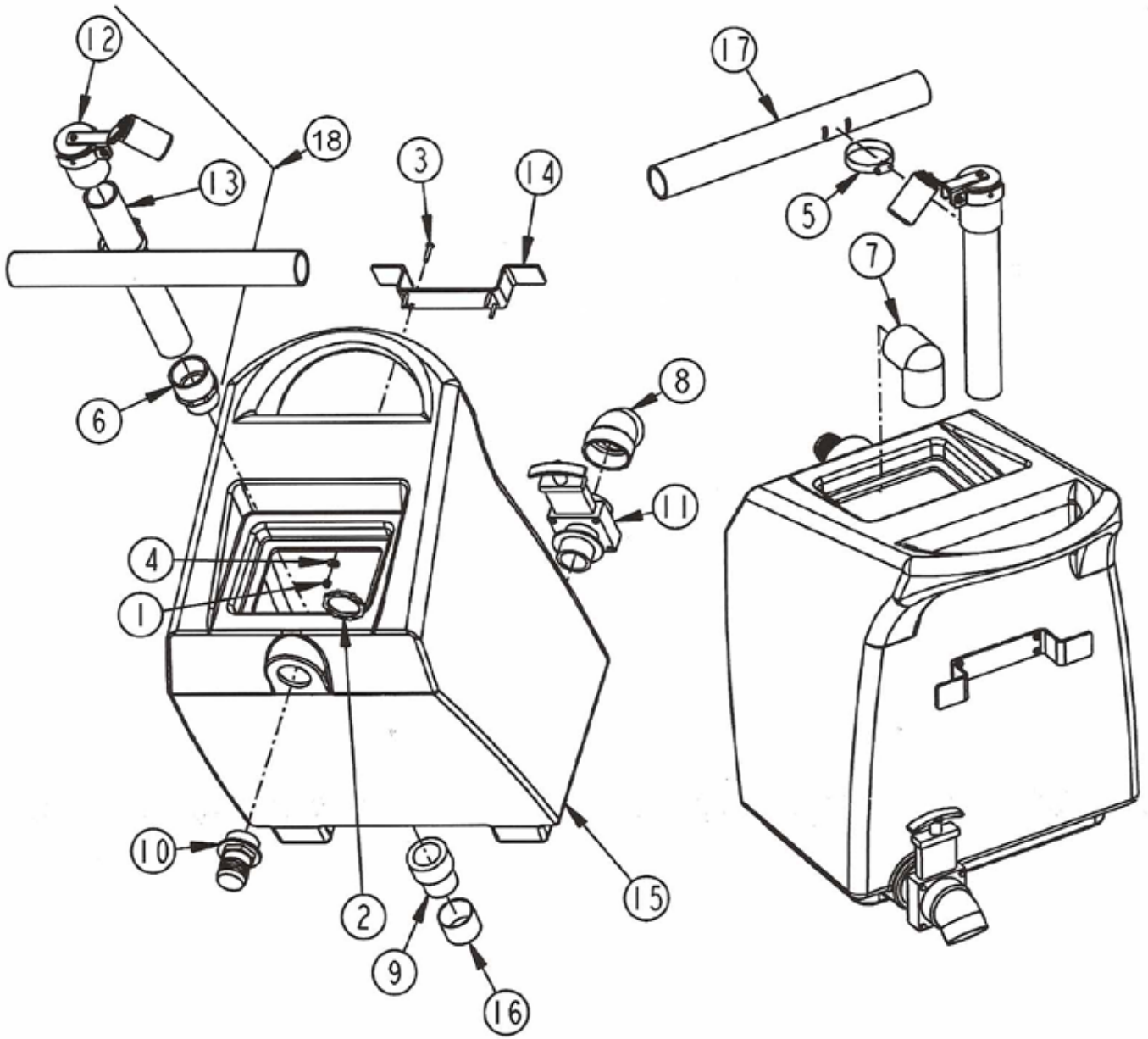
NOTES

TE-12 TANK EXTRACTOR - FINAL ASSEMBLY



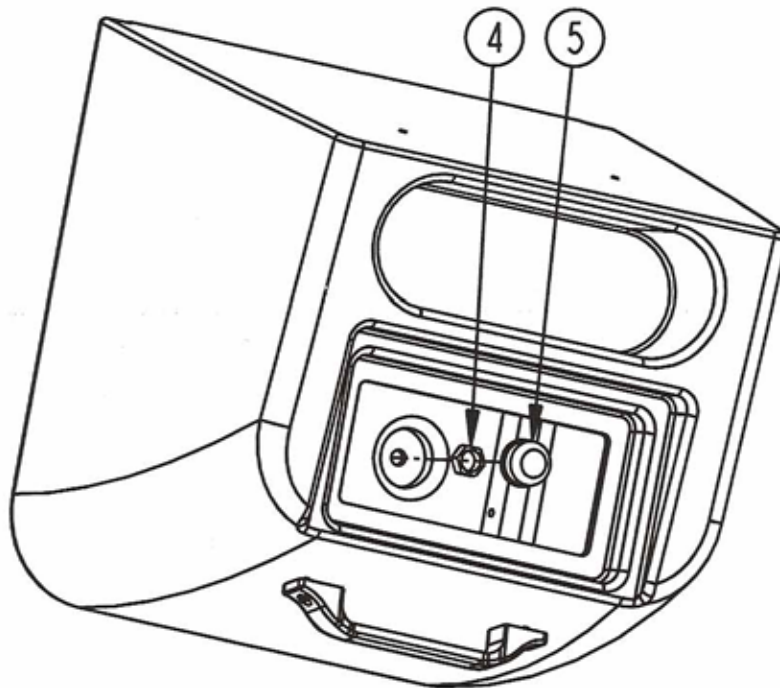
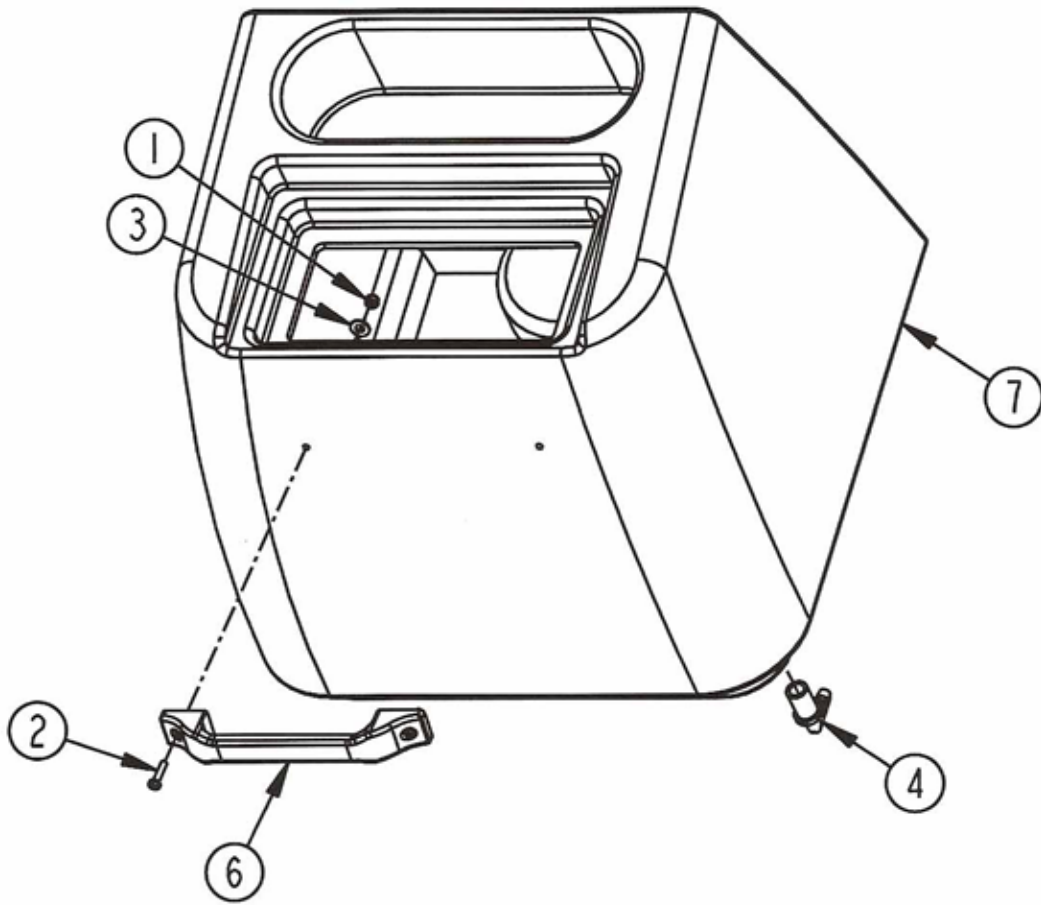
ITEM	PART NO.	DESCRIPTION	QTY.
1	920665	Nut-Hex 1/4 SS Nyloc	1
2	254554	Hinge	1
3	911552	Cable-Steel Lanyard	1
4	962358	Screw-1/4-20x1-1/2 Hex SS	2
5	W104D	Washer-Flat	4
6	252004	Clamp-Hose 5/8 Plastic	1
7	251804	Base-Black	1
8	255121	Lid Assembly	1
9	258627	Tank-Recovery-Black	1
10	258683	Tank-Solution-Blue	1
11	255106	Latch-Rubber	2
	980720	Washer-Flat (Not Shown)	8

TE-12 TANK EXTRACTOR - RECOVERY TANK ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY.
1	920666	Nut-Hex 10-32 SS Nyloc	4
2	S400P5	Locknut 1-1/2	1
3	962453	Screw 10-32x1 SS Phillips	4
4	W104D	Washer-1/4 Flat	4
5	S216P	Clamp-Hose	1
6	253306	Fitting-Pipe 1-1/2 MPT	1
7	252807	Elbow 1-1/2 FIPT x 1-1/2	1
8	S400PB4	Elbow-Black	1
9	253343	Fitting-Pipe 1-1/2	1
10	250201	Adaptor-1-1/2 MPT & Hose Barb	1
11	S400PB4	Drain Valve	1
12	255020	Kit-Shutoff Assembly	1
13	257014	Standpipe-12 Gallon	1
14	520801	Bracket-Cord Wrap	1
15	258627	Tank-Recovery-Black	1
16	257004	Pipe-PVC 2 x .75"	1
17	257015	Support-PVC 1.5 x 17.25"	1
18	257016	Standpipe Assembly-12 Gal	1

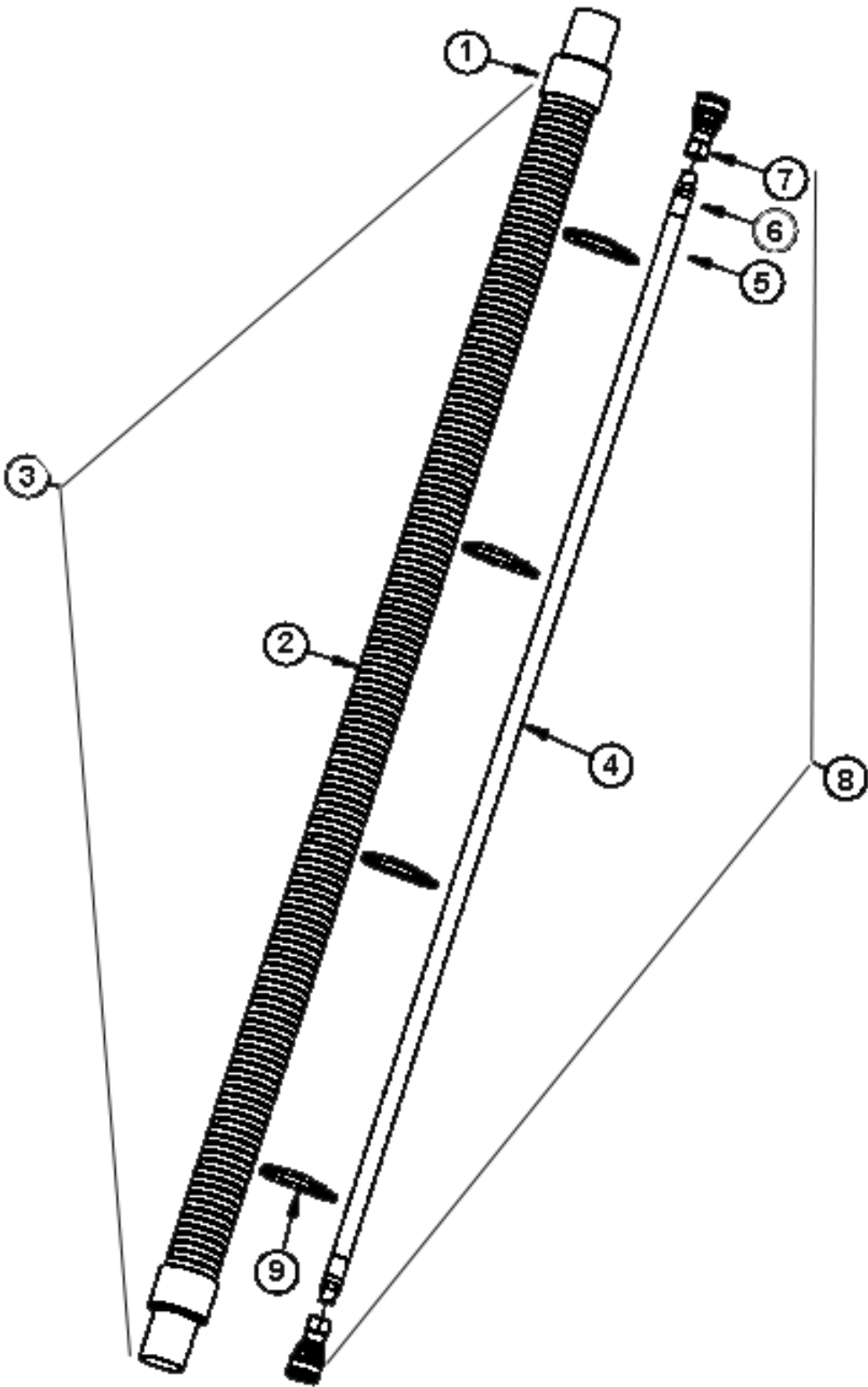
TE-12 TANK EXTRACTOR - SOLUTION TANK ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY.
1	920666	Nut-Hex 10-32 SS Nyloc	2
2	962453	Screw 10-32 x 1 SS Phillips	2
3	W104D	Washer 1/4 Flat SAE SS	2
4	211310	Body-90 Jet w/Lock Nut	1
5	253302	Filter Screen	1
6	253901	Handle-Grab Plastic	1
7	258683	Tank-Solution-Blue	1

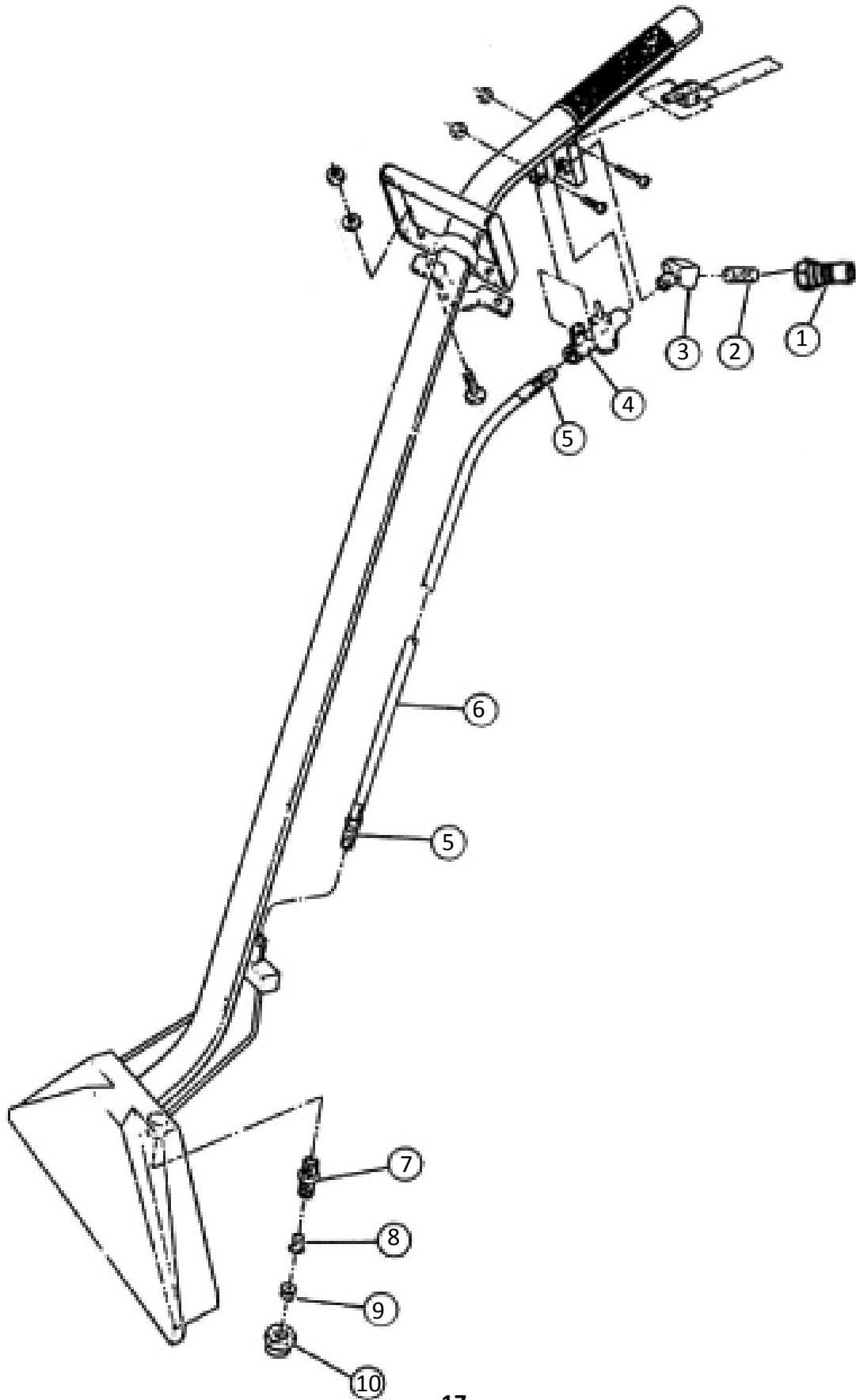
ITEM	PART NO.	DESCRIPTION	QTY.
1	257405	Rod-Axle 1/2 x 19"	1
2	251804	Base-Black-12 Gal	1
3	908059	Cord Asm 25' 16-3 SJT	1
4	920011	Nut 1/4-20 Elastic Stop	16
5	920619	Nut 1/2 Pipe Lock	1
6	920004	Nut 1/4-20 Hex	6
7	254137	Hose-Solution 3/8 x 48"	1
8	920666	Nut-Hex 10-32 SS Nyloc	2
9	962339	Screw 10-30 x 1 Phillips	2
10	962357	Screw 1/4-20 x 1 Hex Zinc	10
11	962211	Screw 10 x 3/8 Hex Washer	2
12	962223	Screw 8 x 5/8 Self Tap HHW	5
13	962229	Screw 1/4-20 x 5 Hex Zinc	6
14	980722	Washer-Flat 1/2 x 1-3/8 OD	9
15	980082	Washer-Med Split 1/4	6
16	W104D	Washer 1/4 Flat SAE SS	26
17	W401D	Washer #10 Flat SAE Zinc	3
18	S453P	Clamp-Hose	2
20	252009	Clamp-Hose Metal #28	4
21	3765	Elbow-Male 3/8 to 3/8 Nylon	2
22	203359	Fitting-Hose Barb 3/8	1
23	203302	Quick Connect-Male 1/4	1
24	252812	Elbow-Short 90D PVC	1
25	603473	Gasket-Top Vac	2
26	930017	Rivet	3
27	S482P	Cap-Axle	2
28	253305	Ferrule-Solution Hose	1
29	A13020	Relief-Strain	1
30	255207	Vacuum Motor-2 Stage Tangential	2
31	257007	Pump-100 PSI	1
32	254136	Hose-Solution 3/8 x 19"	1
33	254127	Hose-2 x 6.5"	1
34	257004	Pipe-PVC 2 OD x .75"L	1
35	256402	Switch Plate	1
36	256603	Plate-Motor Mounting	1
37	258512	Screen-Vac Guard	2
38	911089	Switch-Rocker-20 Amp	3
39	S519PB	Blank-Switch	1
40	252407	Caster-Swivel	2
41	259708	Wheel 12 x 1.75"	2
42	254126	Hose 2 x 11"	1

TE-12 TANK EXTRACTOR - HOSE ASSEMBLY



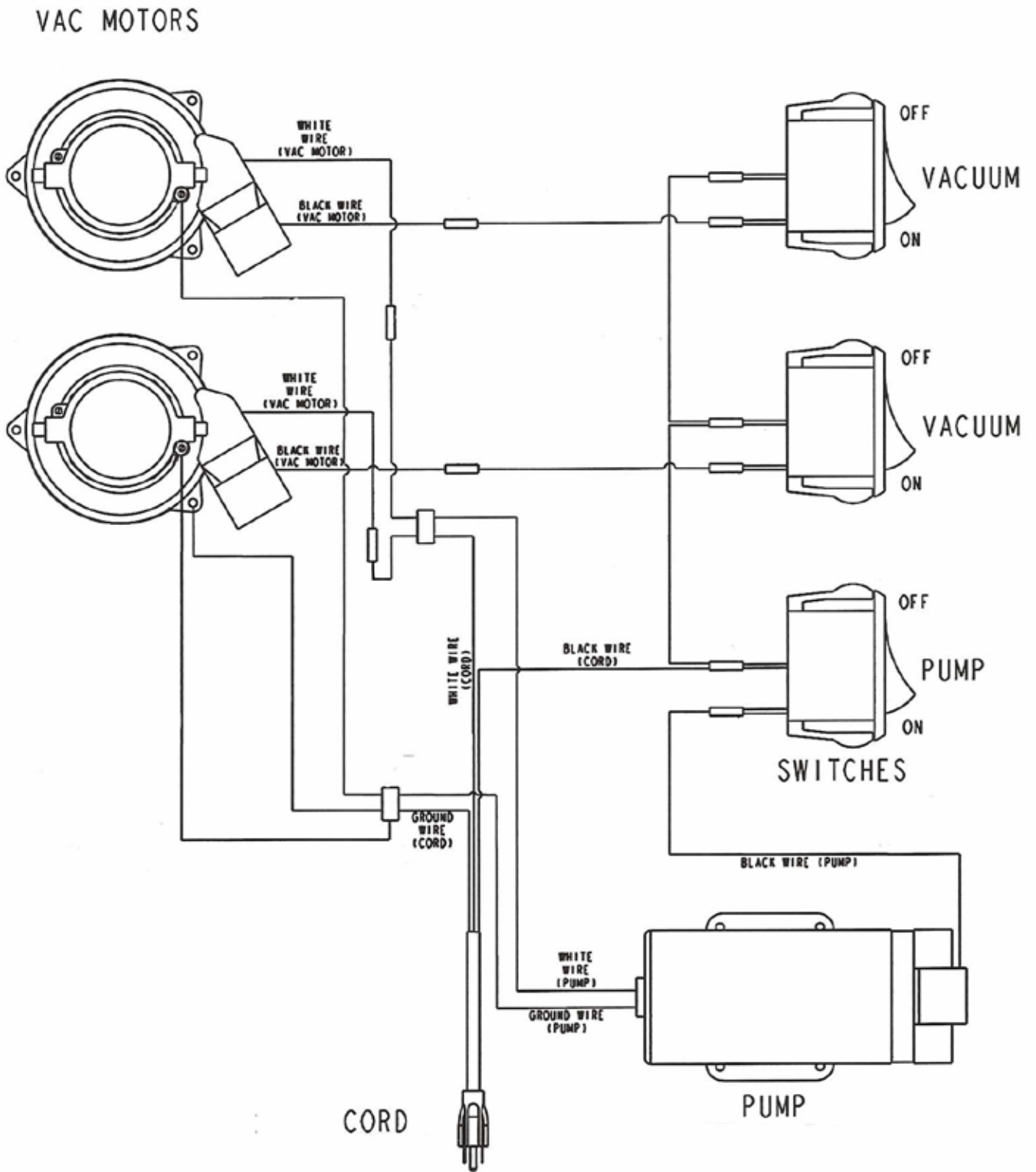
ITEM	PART NO.	DESCRIPTION	QTY.
1	252403	Cuff-Hose 1.5 x 1.5"	2
2	254105	Hose-Vacuum 1.5" (Per Foot, No Cuffs)	15 ft
3	254113	Hose-Vacuum Assm 15' w/Cuffs	1
4	S250P	Hose-Solution 3/8" (Per Foot)	15 ft
5	203359	Fitting-Hose Barb 3/8"	2
6	202050	Clamp-Solution Hose	2
7	203308	Quick Connect - 1/4" Female	2
8	254121	Hose-Solution Assm 15' w/QC	1
9	911104	Tie-Cable	4

TE-12 TANK EXTRACTOR - WAND ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY.
1	203302	Quick Connect 1/4" Male	1
2	S906A	Nipple-Brass	1
3	T4055	Elbow-45 Degree Brass	1
4	239401	Valve w/Trigger	1
5	215007	Kit-Valve Repair (O-ring/Spring/Disk)	
	S223P	Barb-1/4 to 1/4" Brass	2
6	214116	Hose Assembly (Valve to Jets)	1
7	S980P	Body-Spray Jet	2
8	S280P	Strainer w/Check Valve	2
9	S877P2	Jet-Brass	2
10	S973P	Cap-Jet	2

TE-12 TANK EXTRACTOR - WIRING DIAGRAM



**WARRANTY POLICY
EXTRACTOR, TANK, TE-12**

The **Pacific Floorcare TE-12** tank extractors have been manufactured, tested and inspected in accordance with specific engineering requirements and are **WARRANTED** to be free from defects in workmanship and materials as follows:

Five (5) years parts, One (1) year labor - Rotationally molded polyethylene components

One (1) year parts and labor – All other components unless excluded below.

This warranty extends to the original user/purchaser and only when used, operated and maintained in accordance with **Pacific** Operating and Maintenance instructions.

This warranty does not apply to the following wear parts and accessories of the machine including:

<u>Part Number</u>	<u>Part Name</u>
908059	Cord Assembly
259708	Wheel
254113	Vacuum Hose
254121	Solution Hose
219801	Wand
253302	Filter Assembly

Nor does it apply to damage or failure caused by improper use, abuse or neglect. Warranty credit or replacement of return parts including motors, etc., is subject to incoming inspection of those items.

To secure repair under this warranty, the following procedure should be taken:

- The inoperative machine or warranted parts must be delivered to the authorized dealer with shipping and delivery charges prepaid. If unable to locate the Dealer, you may contact **Pacific** at the address listed herein for the location of the nearest **Pacific** repair center or agent or for other instructions pertaining to your warranty difficulty.
- Upon compliance with the above warranty procedure, all warranted repairs would be completed at no additional charge or cost to the user.
- Only **Pacific** or its authorized dealers and agents may make no charge warranty repairs on this product. All others do so at their own risk.

This warranty limits **Pacific** liability to the repair of the product and/or warranted parts replacement and does not include incidental or consequential damages arising from the use of a **Pacific** machine whether defective or not.

This warranty is in lieu of all other expressed or implied warranties and is extended to the original purchaser/user.



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