

# FiberPRO® 3.5 Gallon Carpet Spotter Machine

Item #85509-00

## Operator's Manual Parts Schematic



*Chemicals*

*Equipment*

*Programs*

*Process*



## IMPORTANT SAFETY INSTRUCTIONS

\*When using a commercial spotter, basic precautions should be followed, including the following:

\*Read all instructions before using this commercial spotter.

### SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

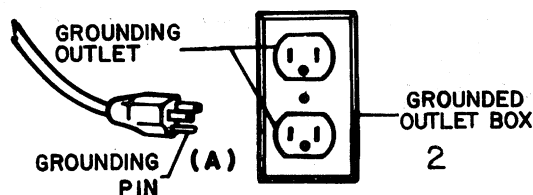
## WARNING

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

- Do not use outdoors or on wet surfaces.
- Do not leave commercial spotter unattended when plugged in. Turn off the switch and unplug the electrical cord when not in use and before servicing.
- Do not allow to be used as a toy. Close attention is necessary when used near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If commercial spotter is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center before using.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull a cord around sharp edges or corners. Do not run commercial spotter over cord. Keep cord away from heated surfaces.
- Do not use extension cords or outlets with inadequate current carrying capacity.
- Turn off all controls before unplugging.
- Do not handle plug or commercial spotter with wet hands.
- Do not put any objects into openings. Do not use with any opening blocked, keep free of dust, lint, hair, and anything that may reduce airflow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes. Use extra care when cleaning on stairs. Do not use to pick up flammable or combustible liquids such as gasoline, or use in areas where they may be present.
- Store your commercial spotter indoors in a cool, dry area.
- Do not unplug by pulling on cord. To unplug, grasp the plug, NOT THE CORD.

THESE MODELS ARE GROUNDED, CONNECT TO A PROPERLY GROUNDED OUTLET ONLY - SEE GROUNDING INSTRUCTIONS.

### GROUNDING INSTRUCTIONS



This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of shock. This appliance 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 appliance - if the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a normal 120 volt circuit, and has a grounded plug that looks like the plug illustrated in sketch A.

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

## Operating Instructions for Commercial Spotter

### WHEN THE MACHINE IS DELIVERED...

Check the carton carefully for signs of rough handling. Remove the machine from the carton. If the machine is damaged, notify the carrier immediately and request an inspection. Be sure to keep the carton, packing inserts, packing lists and carrier receipt until the inspector has verified your claim. Liability ceases when the shipment is picked up by the carrier, but our customer service staff will be glad to furnish any information needed in connection with the claim and will expedite the repair of the machine.



### BEFORE USING THE MACHINE

Read the manual carefully and completely before attempting to operate the unit. This manual has important information for the use and safe operation of this machine. Keep this manual handy at all times. The commercial spotter will provide years of satisfactory service if operated and maintained according to recommendations in the manual.



### WARRANTY

To protect your investment, promptly fill in the required information on the warranty card included with the unit. Then mail the card back.



### GENERAL PRECAUTIONS

**Follow these guidelines to ensure operator safety and to maintain equipment in running order.**

- Make sure the machine is plugged into an electrical outlet with the same voltage rating as

shown on the nameplate of the machine. Do not attempt to plug a 115 volt machine into a 230 volt outlet or a 230 volt machine into a 115 volt outlet.

- Disconnect the power cord from the outlet before attempting maintenance or repair work.
- Do not leave machine connected to an electrical outlet when unattended.
- Never pull the machine by the cord or yank the cord from the receptacle. Replace a damaged cord immediately.
- If an extension cord is necessary, use a three conductor grounding cord – 12 gauge wire or heavier to prevent motor burnout and over-heating of wires.
- To avoid electric shock, do not expose to rain. Store indoors.
- To avoid fire, do not use machine in environments where combustible liquids, vapors or dust concentrations are present.



### WARNING

- Do not expose the machine to freezing temperatures.
- Do not use the machine for totally dry vacuuming. This machine is not fitted with a fine dust filter.
- Do not use citrus-based cleaners in this machine.
- Do not use cleaning chemicals in this machine except those recommended for commercial extraction equipment. The use of any chemical with abrasive additives voids the warranty.
- Do not break off or pull out the ground prong on the plug.
- Do not attempt repair on a warranted machine unless instructions to perform it by an authorized shop are obtained from the factory.
- Do not use any replacement parts except those specified on the parts list. Proper performance of the machine could be affected if substitutions are made.
- Use defoamer at all times to prevent damaging the vacuum motor.
- Do not use water in excess of 140° F (62° C).

**Failure to comply with the above warning instructions will void the warranty.**

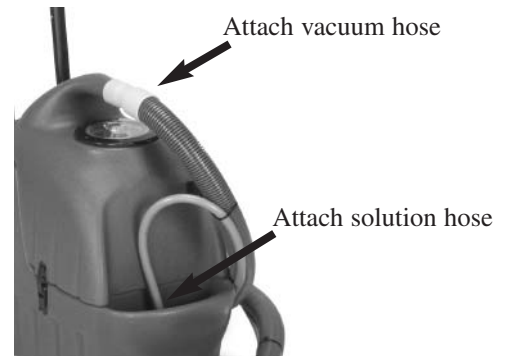
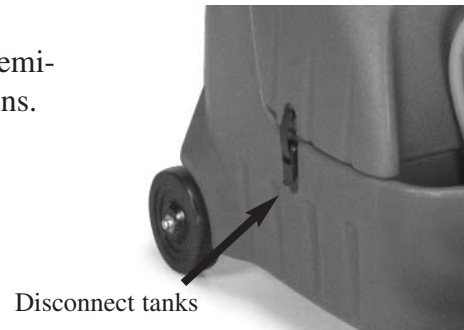
## Operating Instructions for Commercial Spotter

### Filling the Spotter

Disconnect the solution and recovery tanks. Add water and or chemicals to the lower solution tank. The tank will hold up to 3.5 gallons.

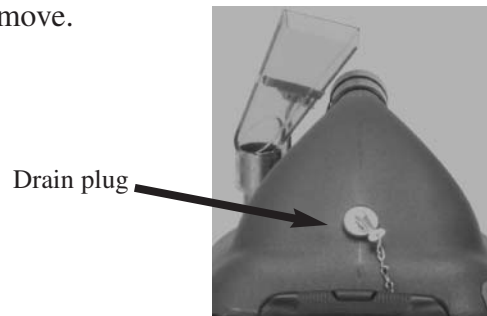
### Operating the Spotter

- A. Attach the solution feed line to the quick disconnect at the bottom of the machine.
- B. Attach the vacuum hose to the vacuum inlet (handle) above the recovery tank lid.
- C. Turn the 3-way switch to use either the pump and vacuum or the vacuum alone.  
(Allow approximately 30 seconds for the pump to prime.)
- D. Use the hand tool to spray and recover the solution.
- E. The float shut-off will disable the suction of the unit when the recovery tank is full. The operator will notice a distinctive change in the sound of the vacuum motor when the shut-off is activated. Empty the recovery tank to resume cleaning.



### Emptying the Recovery Tank

- A. Disconnect the solution line and vacuum hose.
- B. Unlatch the recovery tank from the base of the unit and remove.
- C. Remove the drain plug.
- D. Drain tank over suitable outlet for wastewater.
- E. Rinse tank after each use.



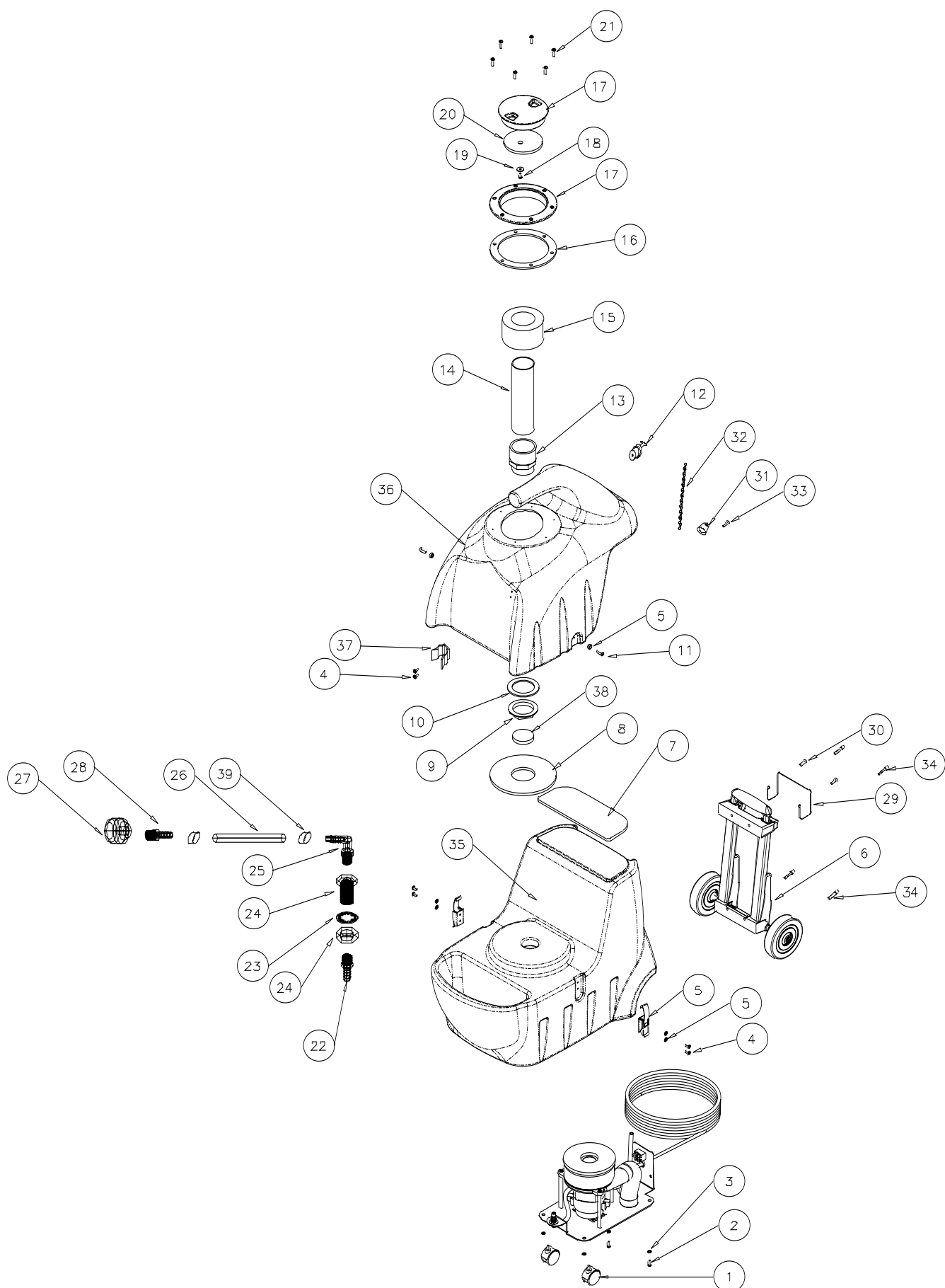
### Basic Troubleshooting:

- A. If the pump does not prime, depress the lever on the hand tool to release the air lock.
- B. If solution flow is reduced or spray is weak:
  1. Check for low solution level in the solution tank.
  2. Check the screen on the hose in the solution tank for blockage.
  3. Check the spray jet in the hand tool for blockage.

If suction is low:

1. Check the recovery tank to see if it is full.
2. Check for blockage in the hand tool or the hose.
3. Add defoamer to recovery tank.

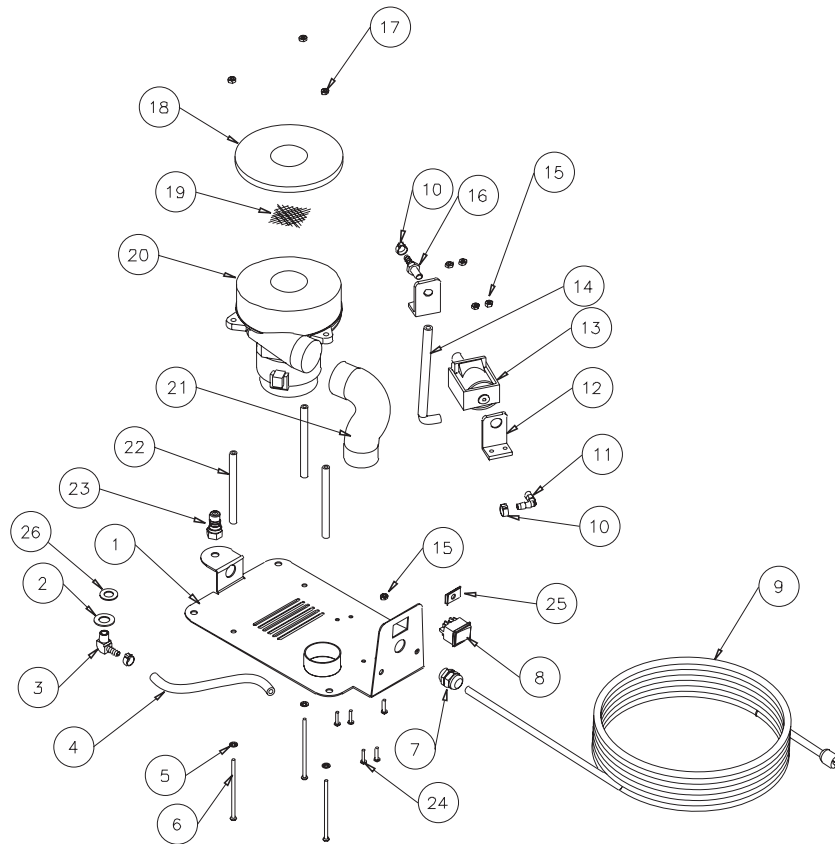
# Parts Diagram



## Parts List

| ref. # | order # | description                               | ref. #                 | order # | description                            |
|--------|---------|-------------------------------------------|------------------------|---------|----------------------------------------|
| 1      | 85558   | CASTER SWIVEL 45MM                        | 23                     | 85588   | WASHER 5/8" X 1-3/16" NEOPRENE BOND    |
| 2      | 85559   | SCREW 1/4-20 X 1/2" PHIL. STAINLESS STEEL | 24                     | 85589   | ANCHOR CONECTOR 1/8"                   |
| 3      | 85169   | WASHER 1/4 MED SPLIT LOCK ZINC            | 25                     | 85618   | FITTING ELBOW 90 DEGREE 1/4-1/8        |
| 4      | 85082   | SCREW, 8-32 X 1/4", THPH, BLACK           | 26                     | 85753   | HOSE 1/4" BRAIDED                      |
| 5      | 85565   | LATCH OVER CENTER W/ KEEPER               | 27                     | 85636   | FILTER, MESH SCREEN                    |
| 6      | 85566   | HANDLE / WHEEL ASSEMBLY                   | 28                     | 85619   | FITTING 1/4 NPTM X 1/4 HOSE BARB       |
| 7      | 85567   | GASKET SOLUTION TANK                      | 29                     | 85620   | CORD HOOK                              |
| 8      | 85568   | GASKET DONUT 3/8" THICK                   | 30                     | 85046   | SCREW 10-24 X 1/2"                     |
| 9      | 85569   | NUT, LOCK, DIE CAST, 1-1/2"               | 31                     | 85522   | END LOOP STAINLESS STEEL W/ TWO HOLES  |
| 10     | 85635   | DAMP VALVE GASKET 1-1/2" THIN             | 32                     | 85622   | 12" STAINLESS STEEL JACK CHAIN         |
| 11     | 85150   | SCREW 8-32 X 1/2" PAN HEAD PHILLIPS       | 33                     | 85587   | SCREW, 8-18 X 1/2" PHILLIPS PAN        |
| 12     | 85577   | PLUG 7/8" X 1-1/16" SNAP-TITE             | 34                     | 85624   | SCREW 1/4-20 X 1" SHCS                 |
| 13     | 85578   | BULKHEAD 1-1/2" MPT X 1-1/2"              | 35                     | 85625   | SOLUTION TANK                          |
| 14     | 85579   | 1-1/2" PVC SCHEDULE 40 PIPE               | 36                     | 85626   | RECOVERY TANK                          |
| 15     | 85580   | FLOAT RING VACUUM SHUT-OFF                | 37                     | 85627   | CLIP, SPRING, BLACK VINYL COATED       |
| 16     | 82010   | GASKET, LID, 6" O.D. X 4.6" I.D.          | 38                     | 85633   | FILTER, FOAM, 1-1/2" O.D. X 1/2" THICK |
| 17     | 82009   | LID 4" CLEAR W/ BLACK RING                | 39                     | 85628   | CLAMP 1/4" WORM GEAR STAINLESS STEEL   |
| 18     | 85584   | WASHER #6 X 5/8 SAE FLAT 55               | <b>Not Illustrated</b> |         | SOLUTION HOSE ONLY                     |
| 19     | 85585   | SCREW 8-18 X 1/2 PAN HD PHIL SS           |                        |         | HAND TOOL, DETAILER ASSEMBLY 1-1/2"    |
| 20     | 85586   | SHUT-OFF DISK                             |                        |         | Vac/Sol.Hose Assembly                  |
| 21     | 85148   | SCREW #8 X 3/4" PHILLIPS FLAT TS          |                        |         | VACUUM HOSE ONLY                       |
| 22     | 85587   | FITTING 1/8" NPTM X 1/4 HOSE BARB         | 85522                  |         |                                        |
|        |         |                                           | 83092                  |         |                                        |
|        |         |                                           | 85520                  |         |                                        |
|        |         |                                           | 85521                  |         |                                        |

## Motor Assembly



| ref. # | order # | description                          | ref. #                 | order # | description                             |
|--------|---------|--------------------------------------|------------------------|---------|-----------------------------------------|
| 1      | 83219   | BASE PLATE WELDMENT SPOTTER          | 16                     | 85587   | FITTING, 1/8 NPTM X 1/4 HOSE BARB       |
| 2      | 85399   | WASHER 3/8" FLAT STAINLESS STEEL     | 17                     | 85358   | NUT, 1/4-20, LOCK NYLON INSERT          |
| 3      | 85618   | BARB ELBOW (90) 1/4-1/8 BRASS        | 18                     | 85652   | VACUUM MOTOR GASKET                     |
| 4      | 85753   | HOSE 1/4" BRAIDED                    | 19                     | 85653   | SCREEN VACUUM MOTOR                     |
| 5      | 85169   | WASHER 1/4 MED SPLIT LOCK ZINC       | 20                     | 85684   | MOTOR, VACUUM, IMPERIAL ELECTRIC        |
| 6      | 85623   | CAP SVREW 1/4-20 X 5-1/2" ZINC       | 21                     | 85654   | 1-1/2" WIRE REINFORCED HOSE             |
| 7      | 83203   | STRAIN RELIEF 1/2" NPT               | 22                     | 85655   | MOUNTING POST VACUUM MOTOR              |
| 8      | 85629   | SWITCH ROCKER SPOTTER                | 23                     | 82005   | MALE QUICK DISCONNECT                   |
| 9      | 85564   | POWER CORD, 18/3 X 15'               | 24                     | 85046   | SCREW 10-24 X 1/2" PHILLIPS TRUSS HEAD  |
| 10     | 85631   | CLAMP 1/4" WORM GEAR STAINLESS STEEL | 25                     | 85656   | NUT SPEED 1/4-20 U TYPE CLIP            |
| 11     | 85637   | FITTING NYLON, 90 DEG. ELBOW         | 26                     | 85657   | WASHER NYLON .50 ID X .75 OD X .13 THK. |
| 12     | 85649   | MOUNT, FLOJET PUMP, SPOTTER          | <b>Not Illustrated</b> |         | SCREW 8-32 X 3/8 PHIL PANTCS            |
| 13     | 85553   | PUMP, OSCILLATING, FLOJET            |                        |         | NUT 1/2" CONDUIT                        |
| 14     | 85763   | HOSE 1/4" BRAIDED                    |                        |         | CLAMP 2-1/2" WORM GEAR S.S.             |
| 15     | 85651   | NUT 10-24 W/ NYLON INSERT            |                        |         | SWITCH LABEL 2.5" X 1.5"                |
|        |         |                                      | X8284                  |         |                                         |
|        |         |                                      | 83215                  |         |                                         |
|        |         |                                      | PX215                  |         |                                         |
|        |         |                                      | X8497B                 |         |                                         |