

# MWB-90 WALL & BASEBOARD SCRUBBER SAFETY & MAINTENANCE MANUAL W/PARTS LIST

*This unit is intended for commercial use.*

READ & FOLLOW ALL INSTRUCTIONS,  
WARNINGS & CAUTIONS  
BEFORE USING THIS WALL/BASEBOARD SCRUBBER

This baseboard scrubber will afford you many years of trouble free operating satisfaction if it is given proper care. All parts have passed rigid quality control standards before being assembled to produce the finished product. Prior to packaging, the units are again inspected for assurance of flawless assembly.

This machine is protectively packed to prevent damage in shipment. We recommend that upon delivery, unpack the unit carefully inspect it for any possible damage in transit. Only a visual examination will reveal damage the may have occurred.

If damage is discovered, immediately notify the transportation company that delivered your floor machine. As a shipper, we are unable to act upon any claim for concealed damage. You must originate any claim within 5 days of delivery.

This manual is for your protection and information. **PLEASE READ CAREFULLY** since failure to follow these precautions could result in injury or discomfort.

PLEASE READ  
CAREFULLY  
BEFORE  
OPERATING

SAVE THESE INSTRUCTIONS

# IMPORTANT SAFETY INSTRUCTIONS



## WARNING:

To reduce the risk of fire, electric shock or injury;  
Read all instructions before using this baseboard scrubber.

When using this floor machine, basic precautions should always be followed, including the following:

- 1) **DO NOT** leave the machine plugged in when not in use. Unplug it from outlet when not in use and/or before servicing.
- 2) Electric shock could occur if exposed to rain. Store indoors.
- 3) This is **NOT** a toy. Close attention is necessary when used around or near children.
- 4) Use only as described in this manual. Use only manufacturer's recommended attachments.
- 5) **DO NOT** use with damaged cord plug. If the scrubber is not working as it should because it has been dropped, damaged, left outdoors, or dropped into water, contact the manufacturer or authorized service center.
- 6) **DO NOT** pull or carry by cord, use power cord as a handle, close a door on cord, or pull cord around sharp edges or corners. **DO NOT** run the floor machine over the cord. Keep cord away from heated surfaces.
- 7) **DO NOT** handle the plug or operate with wet hands.
- 8) Keep hair, loose clothing, fingers and all parts of body away from moving parts.
- 9) **DO NOT** put any object into brushes.
- 10) **DO NOT** unplug by pulling on cord. To unplug, grasp the plug, not the power cord.
- 11) Use extra care when cleaning on stairs.
- 12) **DO NOT** operate where oxygen or anesthetics are used.
- 13) **DO NOT** use around flammable or combustible liquids such as gasoline or use in areas where they may be present.
- 14) **DO NOT** use an extension cord unless absolutely necessary. If an extension cord is used, then wire size must be #14 gauge or thicker and should not exceed 50 feet in length. Use only a three-wire grounded extension cord to ensure grounding protection.
- 15) Replace damaged or worn parts immediately with genuine original equipment parts to maintain safety and to protect your limited warranty.

This machine must be connected to a properly grounded outlet only. See Grounding Instructions - Page 3.

## CARE OF THE SCRUBBER

Treat this baseboard scrubber as you would any other high grade precision made product. Throwing, dropping, unreasonable bumping across thresholds and other misuse may result in a damaged unit and invalidate the warranty.

## SAVE THESE INSTRUCTIONS

# GROUNDING SAFETY INSTRUCTIONS

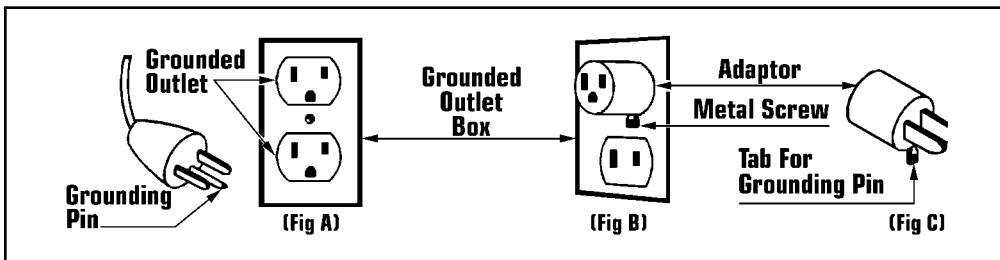


## DANGER:

Improper use of the grounding plug can result in a risk of electrical shock.

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

If repair or replacement of the cord or plug is necessary, **DO NOT** connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.



# GROUNDING METHODS

This floor machine is for use on a nominal 120 volt circuit, and has a grounding plug that looks like the plug illustrated in (Fig A). A temporary adaptor that looks like the adaptor illustrated in (Fig B & C) may be used to connect the plug to a 2-pole receptacle as shown in (Fig A) if a properly grounded outlet is not available.

The temporary adaptor should be used only until a properly grounded outlet (Fig A) can be installed by a qualified electrician. The green color rigid ear, lug, or like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by the metal screw (Fig C).



## WARNING:

Improper connection of the equipment-grounding conductor can result in a risk of electrical 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 burnisher. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

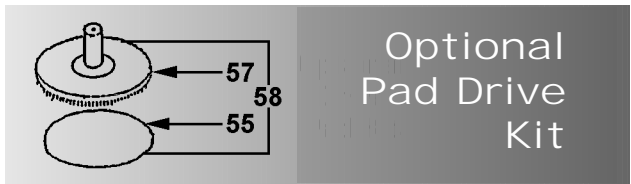
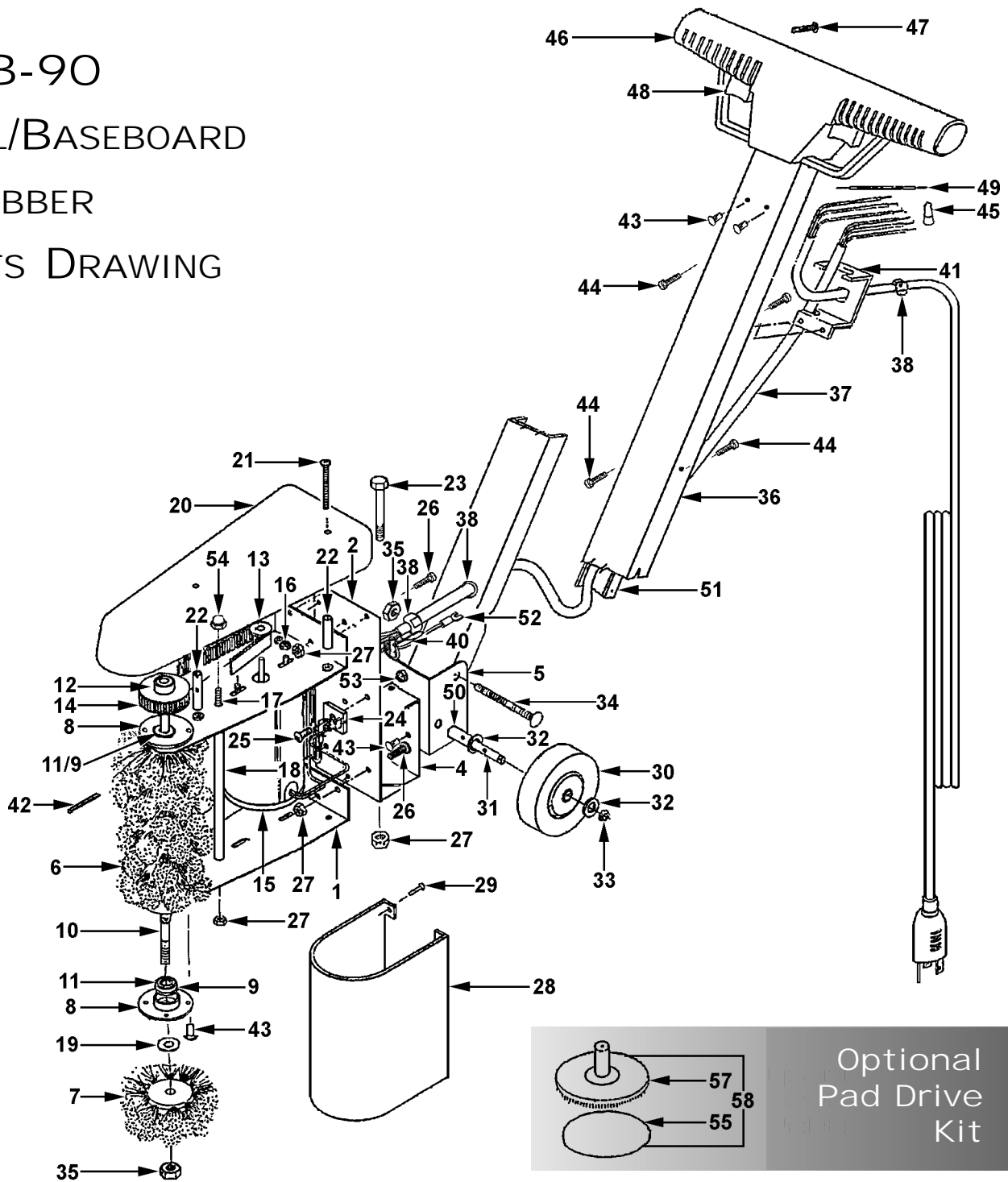
**NOTE:** In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code.



## DANGER:

**DO NOT** leave a plugged-in machine unattended.

# MWB-90 WALL/BASEBOARD SCRUBBER PARTS DRAWING



Ref No	Parts Description	Qty	Part No
NS	1/4 - 20 Acorn Nut	1	328146
55A	6 1/2" White Floor Pad (10/Pk)	1	418595
55B	6 1/2" Brown Pad	1	314471
57	Flex Drive Assembly	1	311162
58	Drive Pad Kit	1	314501

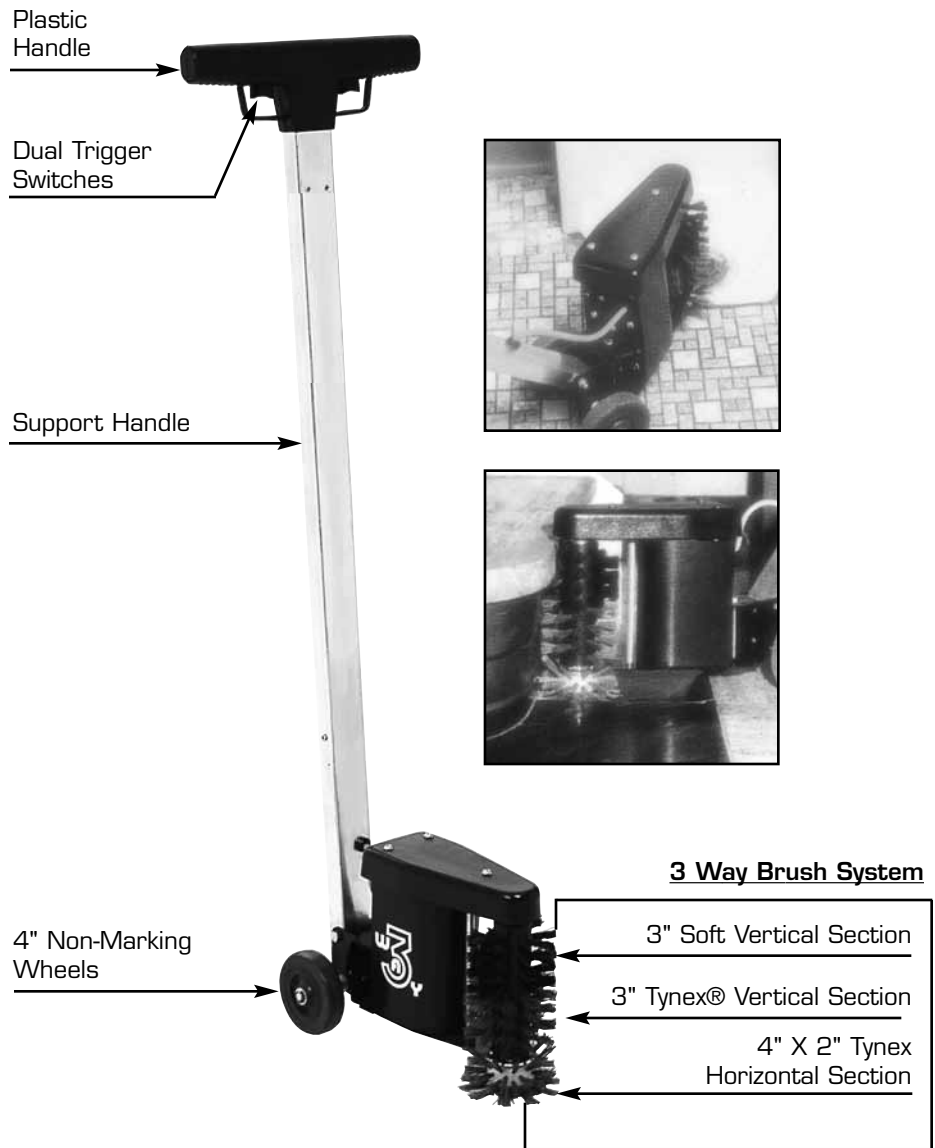


# MWB-90 WALL/BASEBOARD SCRUBBER REPLACEMENT PARTS LIST

Ref No	Parts Description	Qty	Part No
1	Motor Mount Bracket	2	308196
2	Vertical Mount Bracket	1	308226
3	Top Pivot Bracket	1	308145
4	Front Housing Pivot Bracket	1	308153
5	Rear Housing Pivot Bracket	1	308188
6	Tynex Cylinder Brush	1	307327
7	Tynex Brush Disc	1	307459
8	Bearing Cap	2	381225
9	Bearing	2	380849
10	Brush Shaft	1	307432
11	Felt Washer	2	381187
12	Brush Timing Belt Pulley	1	305057
13	Motor Timing Belt Pulley	1	306487
14	Timing Belt	1	305111
15	Brush Motor - 115V	1	307963
16	#10 - 32 Hex Nut w/Lkwasher	3	307998
17	1/4 - 20 X 7 1/2" Stud	1	307904
18	Spacer	1	307912
19	Steel Washer	1	380962
20	Belt Cover	1	307343
21	1/2 - 20 X 1 3/4" Screw	3	308579
22	1/4 X 1 3/8" Spacer	3	367842
23	1/4 - 20 X 3 1/2" Hex Bolt	1	307785
24	Rectifier	1	350761
25	#10 - 24 X 3/4" Screw	1	337315
26	1/4 - 20 X 1/2" Screw	9	360848
27	1/4 - 20 Lock Nut	11	380784

Ref No	Parts Description	Qty	Part No
28	Motor Cover	1	307181
29	#6 - 32 X 1/4" Screw	8	331694
30	4" Wheel	2	353191
31	Wheel Axle	1	307424
32	3/8" SAE Washer	6	353221
33	Retaining Clip	2	368946
34	5/16-18 X 2 3/4" Hex Bolt	1	307866
35	5/16-18 Lock Nut	2	380792
36	Channel Handle	1	305839
37	30 Ft, 18/3 Line Cord	1	318647
38	Strain Relief	2	381063
39	1/4-20 Nut	3	305642
40	Speed Pin	1	361321
41	Line Cord Guard	1	306010
42	Roll Pin	1	307890
43	Tubular Rivet	6	348511
44	#8 X .37 Screw	4	331694
45	Wire Nut - Orange	2	398985
46	Plastic Handle (2 Pc)	1	307009
47	#8 X 3/4" Self Tapping Screw	6	394092
48	Trigger Switch	2	307165
49	Jumper Wire	4	308587
50	Poly Spacer	2	307947
51	Cord Channel - Inner Support	1	313696
52	Insulated Terminal	2	379116
53	#10-24 Nut w/Ext Lkwasher	1	331201

# ABOUT THE BASEBOARD/ WALL SCRUBBER



## PURPOSE OF THIS MACHINE

The purpose of this machine is to loosen built-up debris in or around baseboards, grout, corners, stairwells, toilet bases and also polishing small floor areas with the optional flex drive.

**To effectively clean with this baseboard scrubber:**

- 1) spray an 8 to 10 foot area with a liquid detergent.
- 2) Allow the detergent to soak the dirt free while the running the scrubber along the baseboard.

**3)** Rest the machine on the lower horizontal brush, while the vertical brush is scrubbing the baseboard.

**4)** Areas that have been neglected over a long period of time many need be scrubbed more than once.

**5)** As soon as the dirt is loosened, tank a clean sponge mop and remove the dirt from the floor and baseboard.

**6)** Rinse the area with clean water to prevent a film build-up.

---

The head of the scrubber can be adjusted to the left, right or center. This allows the operator to select a setting more advantageous to his position to clean the area.

## To Adjust Scrubber Head:

- 1)** Pull the locking speed pin from the swivel base in front of the handle.
- 2)** Force the head to rotate sideways to the desired position.
- 3)** Replace the speed pin in the alternate set of holes and begin cleaning.

This scrubber can be operated on its side with the head set at the center, left or right position. This affords a low silhouette so the brushes can clean under a shelf or around toilets, plumbing and on stairs.

Cleaning is performed by the combination of the detergent, stripper and motion of the brushes. The wet stripper adds the lubrication to the brush assembly. Excessive pressure is not required to clean.

## Cleaning Baseboards:

- 1)** Start by spraying the area to be cleaned with a liquid detergent approximately 8 to 10 feet for a baseboard.
- 2)** Allow the cleaning solution to soak the dirt free while the operator runs the scrubber along the baseboard.
- 3)** Rest the scrubber on the lower [Horizontal] brush, while the vertical brush section scrubs the baseboard.

# OPERATION INSTRUCTIONS

---

The optional flex drive turns the MWB-90 into a mini-scrubber/buffer with a pad speed of 1075 RPM, accommodating a 6" floor pad. Buff or scrub hard floor surfaces in and around obstructions, elevators and other small areas.

The bottom brush can be replaced by a pad driver. The driver screws on to the threaded brush shaft directly and the cleaning pad is held by barbs on the driver.

# OPTIONAL FLEX DRIVE

---

## Maintenance:

- 1)** After each use, wipe scrubber with water and a mild detergent solution and rinse using a clean cloth.
- 2)** With baseboard scrubber unplugged, check power cord for any breaks in the wire. Breaks will most likely occur near the plug or switch. Any breaks should be repaired or replaced immediately.

## Storage:

- 1)** Always storage the machine with the handle in a vertical position.
- 2)** Hang up the the scrubber so not weight is applied to the brush bristles. This will prevent the bristles from flattening and warping.

# MAINTENANCE & STORAGE

# TROUBLE SHOOTING GUIDE

## PROBLEM: Motor won't run.

---

### CAUSE

1. Blown fuse or tripped circuit breaker.
2. Defective switch.
3. Defective power cord.

### SOLUTION

1. Replace fuse or reset circuit breaker.
2. Replace switch.
3. Replace power cord.

## PROBLEM: Noisy machine.

---

### CAUSE

1. Defective motor.

### SOLUTION

1. Contact the manufacturer or authorized service center.



### WARNING:

**Always disconnect power cable from electrical outlet when working on the machine.**