BEFORE OPERATING:
The Aurand cleaning tool (electric model) is equipped with a universal type motor which is equally efficient on either direct or alternating current. It is furnished for use with either 115 or 230 voltage. Both voltages are NOT possible on one machine. The voltage for your machines is stamped on the name plate.

The M tool has been thoroughly tested and shipped complete, but DO NOT attempt to operate without reading the following instructions.

OPERATING INSTRUCTIONS:
1. Wear safety glasses and hearing protection.
2. Grasp both handles and raise front of tool from surface.
3. Squeeze trigger and allow cutters to come up to speed before applying to surface.
4. Using both hands, guide tool in a forward and backward motion to assure complete coverage. Let weight of tool do the work. Never apply pressure as this will slow down motor speed and cause damage to motor, gears, and cutter bundles.

DEPTH ADJUSTMENT:
When adjustment is required to compensate for cutter wear:
1. Loosen SCREW (Ref 7M)
2. Move DEPTH SHOE (Ref 6M) up or down as required. (Cutters should have play in them when touching work surface)
3. Tighten SCREW (Ref 7M)

CUTTER BUNDLE REPLACEMENT:
1. Install COTTER PIN & WASHER (Ref 2M) on both ends of SPINDLE (Ref 24M-1 or 24ME-1). Cutter tips must point in direction of rotation.
2. Slide CUTTER BUNDLE (Ref 90M) and CUTTER BUNDLE FELT (Ref 29M) from SPINDLE.
3. Slide new CUTTER BUNDLE FELT & CUTTER BUNDLES on SPINDLE, with large round hole facing side plate. CUTTER TIPS must point in direction of rotation.
4. Install COTTER PINS & WASHER on both ends of SPINDLE.

LUBRICATION:
Check oil (1245) in Gear Housing after every 9 hours of operation. Remove Oil Screw (Ref 4M). With tool sitting level add 1245 Gear Oil through hole. Then replace SCREW & PLUG.
PART NUMBERS

620 Washer (2)  637 Bearing  1M Front Housing  2M-1 Spade Handle  3M Handle Screw & Washer (3)  4M Screw  5M Boss Plug (2)  6M Depth Shoe  7M Screw & Washer  8M Front ASG Screw (4)  9M coupling  10M Cotter Pin

12M Worm Shaft  13M Worm  14M Worm Key  15M Bearing -Worm Shaft  16M Worm Shaft Washer  17M Worm Shaft Screw & Washer  19M Side Plate (2)  24M-1 Cutter Spindle 8”  24ME-1 Cutter Spindle 12” (not shown)

28M Cutter Key & Washer  29M Cutter Bundle Felt (2)  30M-1 Guard 8”  30ME-1 Guard 12’ (not shown)  31M Screw & washer (12)  32M Housing BRG. Plate  35M Motor Housing  37M Handle Screw & Washer  38M Rear Handle  42M Center Plate  42M-1 Center Plate Gasket  44M Bearing Plate

46M Motor Field (115 Volt)  246M Motor Field (230 Volt)  47M Screw & Washer (2)  50M Armature Nut  53M Motor Armature (115 Volt)  253M Motor Armature (230 Volt)  57M Armature Nut  58M Brush Holder (2)  59M Holder Set Screw (2)  60M Holder Cap (2)  61M Motor Brush (2)  68M Lead Wire

69M Switch  76M Cotter Pin (2)  78M Side Plate Gasket (2)  79M Shaft Seal (2)  80M Rear Bearing Gasket  81M Side Plate Screw (8)  85M Wheel (2)  86M Washer (2)  88M Cable Protector  89M Bracket  1087 Handle Grip

48ME Handle Assembly
(Standard on Models M5-1E & M5-2E Optional on Models M5-1 & M5-2)

48ME-1 Handle  48ME-2 Support (2)  87M Stop Nut  664 Screw (2)  1087 Handle Grip

1245 Oil 8 Oz. Tube