



Electronic Service Manuals

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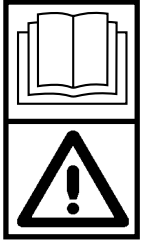
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Serving the Cleaning Industry Since 1922

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EC 2000



OPERATOR MANUAL AND PARTS LIST

Euroclean MODEL 56649025



IMPORTANT SAFETY INSTRUCTIONS

This machine is only suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices other than normal residential housekeeping purposes.

When using an electrical appliance, basic precautions should always be followed, including the following:

Read all instructions before using.

WARNING!

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

- Do not leave the appliance when it is plugged in. Unplug the unit from the outlet when not in use and before servicing.
- This machine is for dry use only and shall not be used or stored outdoors in wet conditions.
- To avoid electric shock, do not expose to rain. Store indoors.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use cord as a handle, close a door on a cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- 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 air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Turn off all controls before unplugging.
- Do not use with flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Use only identical replacement parts.
- This machine is not suitable for picking up health endangering dust.

SAVE THESE INSTRUCTIONS

INSTRUCTIONS DE SÉCURITÉ IMPORTANTES

Cette machine ne convient qu'à un usage industriel, par exemple dans des hôtels, écoles, hôpitaux, usines, boutiques et bureaux et autres à l'exclusion de tout usage de maintenance résidentielle normale.

Lors de l'utilisation d'un appareil électrique, des précautions de base doivent toujours être appliquées, incluant celles ci-dessous:

Lisez toutes les instructions avant l'emploi.

ATTENTION!

Pour réduire tout risque d'incendie, de secousse électrique ou de blessure:

- Ne quittez pas l'appareil lorsqu'il est branché. Débranchez l'unité de la prise lorsqu'il n'est pas en fonctionnement et avant toute maintenance.
- Cette machine ne doit être utilisée qu'à sec et ne devra être utilisée ou emmagasinée à l'extérieur par temps humides.
- Pour éviter toute secousse électrique, ne l'exposez pas à la pluie. Emmagazinez le à l'intérieur.
- Ne le laissez pas être manipulé comme un jouet. Une grande attention est nécessaire lorsqu'il est utilisé par ou à proximité d'enfants.
- Ne l'utilisez que comme décrit dans ce manuel. N'utilisez que des attachements recommandés par le fabricant.
- Ne l'utilisez lorsque la prise ou le cordon sont abîmés. Si l'appareil ne fonctionne pas comme il le devrait, est tombé, abîmé, a été laissé à l'extérieur, est tombé dans l'eau, retournez le à un centre de service.
- Ne le tirez ou portez pas par le cordon, n'utilisez pas le cordon comme une poignée, ne fermez pas une porte sur le cordon et ne passez pas le cordon sur des bords ou des coins tranchants. Ne faites pas rouler l'appareil sur le cordon. Gardez le cordon loin de toutes surfaces chauffantes.
- Ne le débranchez pas en tirant sur le cordon. Pour débrancher, empoignez la prise, non le cordon.
- Ne manipulez pas la prise ou l'appareil avec les mains mouillées.
- Ne mettez aucun objet dans les ouvertures. Ne l'utilisez pas lorsqu'une ouverture est bouchée; gardez le à l'abri de la poussière, de la charpie, des cheveux, et de tout ce qui pourrait réduire l'arrivée d'air.
- Gardez les cheveux, les habits amples, les doigts, et toute partie du corps loin des ouvertures et des parties mobiles.
- Éteignez tous les contrôles avant de débrancher.
- Ne l'utilisez pas avec des liquides inflammables ou combustibles comme l'essence ou ne l'utilisez pas dans des endroits où ils pourraient être présents.
- N'utilisez que des pièces de rechange semblables.
- Cette machine n'est pas destinée au ramassage de poussière dangereuse pour la santé.

CONSERVEZ CES INSTRUCTIONS

INTRODUCTION

This manual will help you get the most from your **Euroclean EC 2000**. Read it thoroughly before operating the machine.

This product is intended for commercial use only.

PARTS AND SERVICE

Repairs, when required, should be performed by your Authorized Euroclean Service Center, who employs factory trained service personnel, and maintains an inventory of Euroclean original replacement parts and accessories.

Call the EUROCLEAN DEALER named below for repair parts or service. Please specify the Model and Serial Number when discussing your machine.

(Dealer, affix service sticker here.)

NAME PLATE

The Model Number and Serial Number of your machine are shown on the Nameplate on the machine. This information is needed when ordering repair parts for the machine. Use the space below to note the Model Number and Serial Number of your machine for future reference.

MODEL NUMBER _____

SERIAL NUMBER _____

UNCRATE THE MACHINE

When the machine is delivered, carefully inspect the shipping carton and the machine for damage. If damage is evident, save the shipping carton so that it can be inspected. Contact the Euroclean Customer Service Department immediately to file a freight damage claim.

INTRODUCTION

Ce mode d'emploi vous permettra de tirer le meilleur de votre **Euroclean EC 2000**. Lisez le attentivement avant d'utiliser la machine.

Ce produit est destiné à l'usage industriel uniquement.

PIECES ET ENTRETIEN

Les réparations, lorsque nécessaires, devront être exécutées par votre centre de service Euroclean autorisé, qui emploie du personnel de service formé en usine, et maintient un inventaire de pièces de remplacement originales et d'accessoires d'Euroclean. Appelez le DETAILLANT INDUSTRIEL EUROCLEAN ci-dessous pour toute réparation, pièces ou entretien. Veuillez spécifier le modèle et le numéro de série lorsque vous parlez de votre machine.

(Détaillant, appliquer l'auto-collant de service ici.)

PLAQUE D'IDENTIFICATION

Le numéro du modèle et le numéro de série de votre machine sont inscrits sur la plaque d'identification sur la machine. Cette information est nécessaire lors de la commande de pièces de réparation pour la machine. Utilisez la place ci-dessous pour inscrire le numéro du modèle et le numéro de série de votre machine pour toute référence future.

NUMERO DU MODELE _____

NUMERO DE SERIE _____

DEBALLER LA MACHINE

Lors de la livraison, inspectez attentivement l'emballage de transport et la machine pour tout dommage. Si la détérioration est évidente, conservez l'emballage de transport pour qu'il soit inspecté. Contactez le Bureau du Service Clientèle Euroclean immédiatement pour remplir une réclamation de dommage de fret.

120VAC GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should electrically malfunction, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance 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 and grounded in accordance with all local codes and ordinances.

⚠ DANGER!

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 it will not fit the outlet, have a proper outlet installed by a qualified electrician.

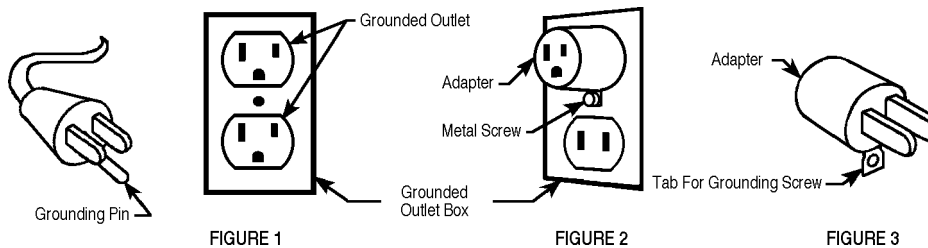
This appliance is for use on a nominal 120-volt circuit, and has a grounding plug that looks like the plug illustrated in Figure 1 below. A temporary adapter illustrated in Figures 2 and 3 may be used to connect this plug to a 2-pole receptacle as shown in Figure 2 if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (Figure 1) can be installed by a qualified electrician. The green-colored rigid ear, tab, 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. Grounding adapters are not approved for use in Canada.

Replace the plug if the grounding pin is damaged or broken.

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

Extension cords connected to this machine should be 12 gauge, three-wire cords with three-prong plugs and outlets. DO NOT use extension cords more than 50 feet (15 m) long.

PLEASE NOTE: FOR NORTH AMERICA ONLY



INSTRUCTIONS VISANT LA MISE À LA TERRE (120VAC)

Cet appareil doit être mis à la terre. En cas de défaillance ou de panne éventuelles, la mise à la terre fournit au courant un chemin de moindre résistance qui réduit le risque de choc électrique. Cet appareil est pourvu d'un cordon muni d'un conducteur de terre et d'une fiche avec broche de terre. La fiche doit être branchée dans une prise appropriée correctement installée et mise à la terre conformément aux règlements et ordonnances municipaux.

⚠ AVERTISSEMENT !

Un conducteur de terre mal raccordé peut entraîner un risque de choc électrique. Consulter un électricien ou un technicien d'entretien qualifié si vous n'êtes pas certain que la prise est correctement mise à la terre. Ne pas modifier la fiche fournie avec l'appareil - si elle ne peut être insérée dans la prise, faire installer une prise adéquate par un électricien qualifié.

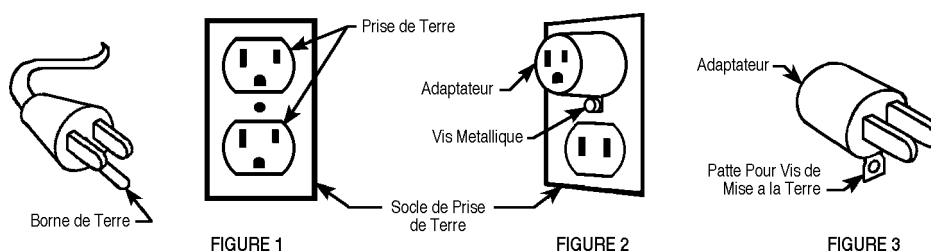
Cet appareil est destiné à un circuit de 120 V et est muni d'une fiche de terre semblable à celle illustrée par le croquis 1. Un adaptateur temporaire semblable à celui illustré par le croquis 2 et C peut être utilisé pour brancher cette fiche à une prise bipolaire comme l'illustre le croquis 2 si une prise avec mise à la terre n'est pas disponible. L'adaptateur temporaire devrait être utilisé seulement jusqu'à ce qu'une prise avec mise à la terre soit installée par un électricien qualifié. L'oreille rigide ou le crochet ou autre dispositif semblable, de couleur verte, prolongeant l'adaptateur doit être raccordé à un élément correctement mis à la terre comme le couvercle d'une boîte de sortie mise à la terre. L'adaptateur doit être fixé par une vis métallique. **Note:** Au Canada, l'utilisation d'un adaptateur temporaire n'est pas autorisée par le Code canadien de l'électricité.

Remplacez la prise si la prise de terre est abîmée ou cassée.

Le fil Vert (ou Vert/Jaune) dans la gaine est le fil de terre. Lors du remplacement d'une prise, ce fil doit être raccordé à la prise de terre uniquement.

Les rallonges connectées à cette machine doivent avoir 12 mesures, trois gorges de fil ayant **trois fiches masculines féminines tree-prong plugs and outlets**. N'UTILISEZ PAS de rallonge de plus de 15 m (50 pieds) de long.

VEUILLEZ NOTER: CES INSTRUCTIONS CONCERNENT UNIQUEMENT L'AMÉRIQUE DU NORD



NOTE: Although the model has a D.C. motor it is rectified to operate on AC current. Plug the electric cable into a regular 115 volt, 60 Hertz AC outlet.

Your new EC 2000 comes complete with driving pad assembly with pad holder attached. This assembly is carefully balanced at the factory and should not be removed except when necessary for repair of a machine.

The EC 2000 is equipped with a 50' of 3-wire cord. If an extension cable is used, it must be #12 gauge up to 50' and #10 gauge if over 50'.

ATTACHING PAD: The proper diameter pad is 20" although a 21" can be used, but greater care must be used not to hit side walls, baseboard or furniture.

Attaching the pad is best done by locking the handle into the vertical position, tilting the machine back and placing the pad over the bristle face as further explained in the previous paragraph. Then lower machine carefully to floor with handle still in vertical position.

Position of handle may be elevated or lowered according to the height of operator by adjusting the height adjusting screw to desired height and retighten nut.

TO OPERATE MACHINE: Now lower handle by pressing foot release first. Handle will now float up or down until it rests on stop at base of machine. You are now ready to press momentary safety switch at left or right side of handle, but before doing so, it is advisable to slightly press down on handle to relieve floor pressure only for a moment just before squeezing switching the handle adjusting screw. First loosen nut and tighten when screw is set.

PAD LEVEL: The Machine is factory adjusted to be fairly level with floor when using pads 7/8-1" thick. The pad load is approximately 6 lbs. with a pad speed 1100 R.P.M. **DO NOT ADJUST TO ACCOMMODATE ANY OTHER SIZE PAD.**

NORMAL OPERATION ON FLOOR: Machine is designed to operate in a straight forward walk method and NOT from side to side as is a standard rotary floor machine. As you will notice, the wheels are in contact with the floor at all times. The machine can be operated in a forward and backward motion when space or nature of area require same. **NEVER OPERATE OR TURN ON MACHINE WHEN HANDLE IS IN VERTICAL POSITION.**

When machine is at idle during working period or storage, put handle in vertical lock position and tilt machine back till rear wheel are resting on floor. Disconnect electric cord from wall socket until ready to work again.

USE OF FLOOR TREATMENT CHEMICALS: The EC 2000 is specifically designed for spray buffing, spray material must be sprayed well in front of machine preferably with a hand held and hand operated spray bottle. Spraying too close to machine with a machine mounted spray unit will be wasteful as it sprays too close to brush area, which by reason of speed, creates a substantial breeze preventing proper application of chemical spray. As of the writing experimenting is in process regarding possibilities of scrubbing and dry stripping with Ultra Hi Speed Machines.

TYPES OF PADS: Best results will be obtained with synthetic pads such as polyester or nylon. A commonly used pad made by most manufacturers is the so-called "red" buffer pad and the "white" super polish pads. Light cleaning can be done with the light scrub pads commonly available. The HI Speed gold pads are excellent.

Be sure to reverse sides of pads soon as they become clogged and change frequently. (Used pads should be immediately soaked in a tub of water for subsequent cleaning out by washing and wringing for re-use.)

BRUSH DRIVE: Maintain "V" belt tension by loosening motor mounting bolts slightly and re-position motor. **DO NOT** over stretch belt as this will cause grinding noise and eventually ruin bearings.

MOTOR: Motor brushes, when operated under normal conditions, will have an operating life of greater than 2000 hours; however, it is advisable to check the brushes after 1000 hours of operation. Brushes should be changed when the brush spring reaches the "stop" on the brush holder.

LUBRICATION: None needed except occasional drop on wheel bearings. Clean off wheel treads.

LIMITED WARRANTY: This machine is warranted to be free of defects in workmanship or materials for a period of two(2) years. Liability under warranty is limited to replacing or repairing any part or parts which prove defective.

No warranty express or implied other than above is made or authorized by Euroclean.

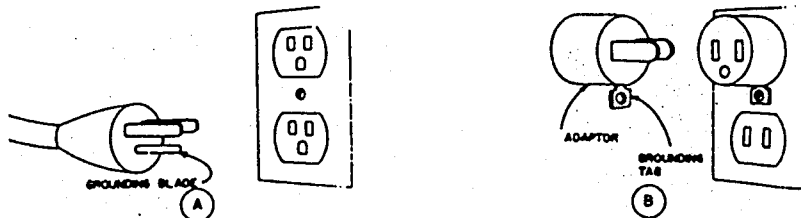
Specifically not covered by this warranty through not limited hereby, is the misuse, negligence, accident or unauthorized alteration or repair to which the machine may be subjected.

WARNING: 1. To avoid electric shock, do not expose to rain. Store indoors.
2. Use the grounded feature provided by 3 wire cable.
3. If 3-2 prong adaptors are used, follow adaptor instructions carefully.

SAFETY INSTRUCTIONS: This appliance should be grounded while in use to protect the operator from electric shock. The appliance is equipped with an approved three-conductor cord and three-prong grounded-type receptacle. The green conductor in the cord is the grounding wire. Never connect the green wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug as shown in sketch A.

An adapter shown in sketch B, is available for connecting plugs as shown in sketch B to wire two-prong receptacles. The green-colored rigid ear, lug, etc., must be connected to a permanent ground such as a properly grounded outlet box.

When using an extension cord use only three-wire outdoor extension cords that have three-prong grounded-type and three pole receptacles that accept the appliance's plug. Replace or repair damaged cords. If an extension cable is used it must be #12 gauge up to 50' and #10 gauge if over 50'.



REMEMBER....

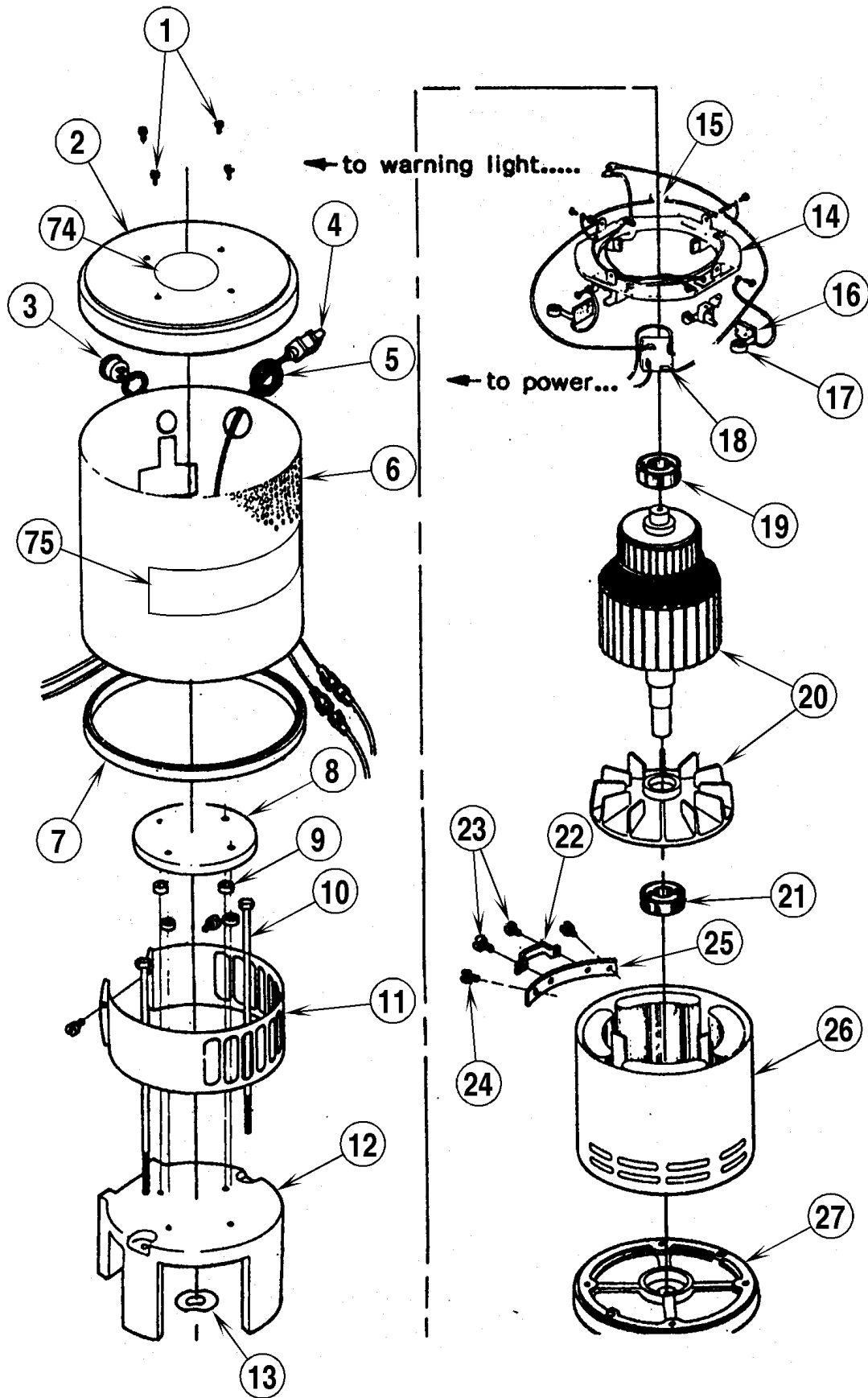
1. Plug into AC outlet only—15 Amp. Minimum, but 20 Amp Preferable
2. Do not re-adjust wheels to accommodate any other than 7/8-1" thick pads.
3. Use machine only in forward and backward direction. Some angular movement is easily achieved.
4. Do not remove driving pad assemble unless changing the belt.

WARNING:

When motor brush warning light is lit (on motor canopy), motor brushes must be replaced within 20 hours of service to prevent damage to motor.

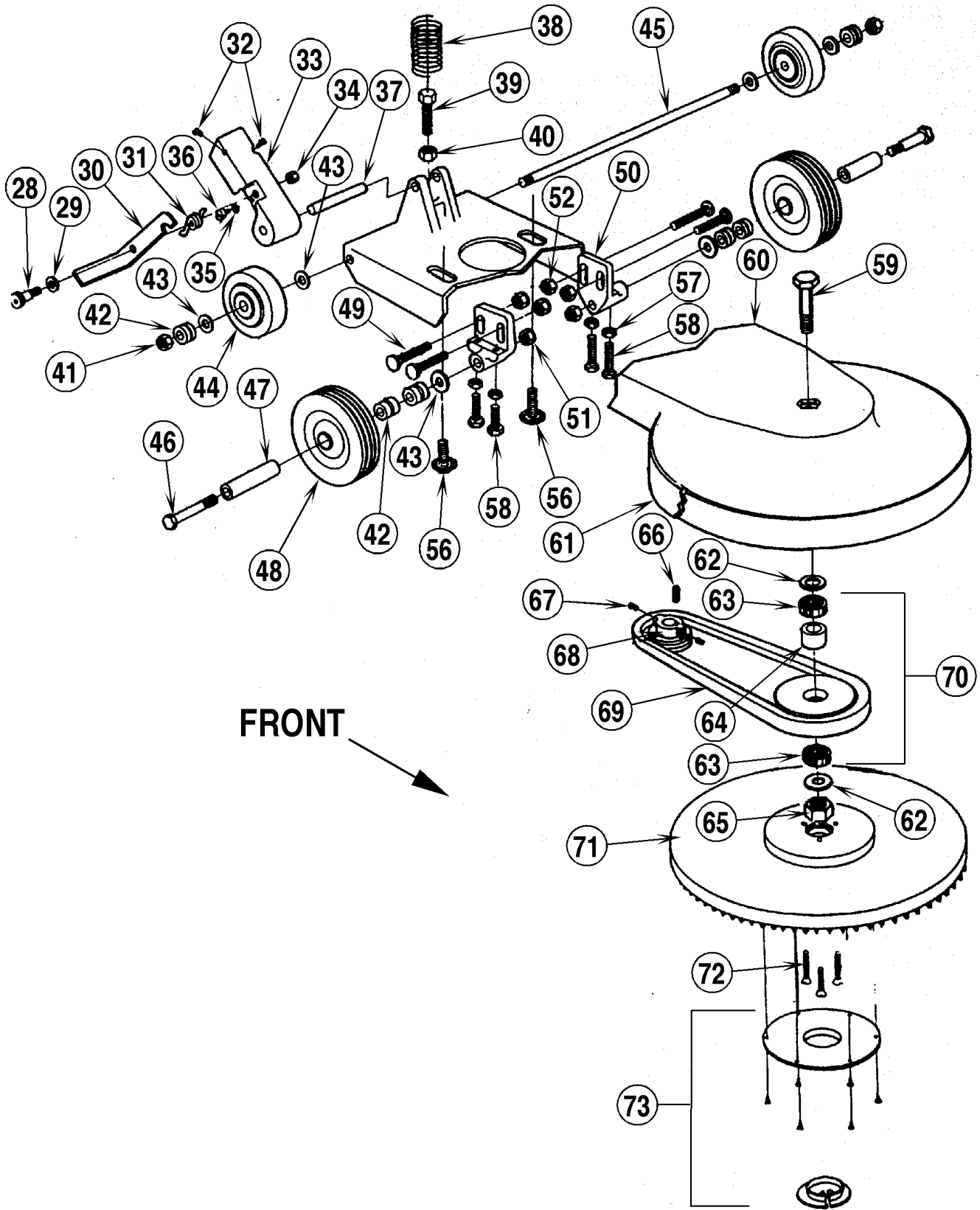
RISK OF EXPLOSION – Floor sanding can result in an explosive mixture of fine dust and air. Use floor sanding machine only in well ventilated area.

TO AVOID ELECTRIC SHOCK—DO NOT EXPOSE TO RAIN—STORE INDOORS.

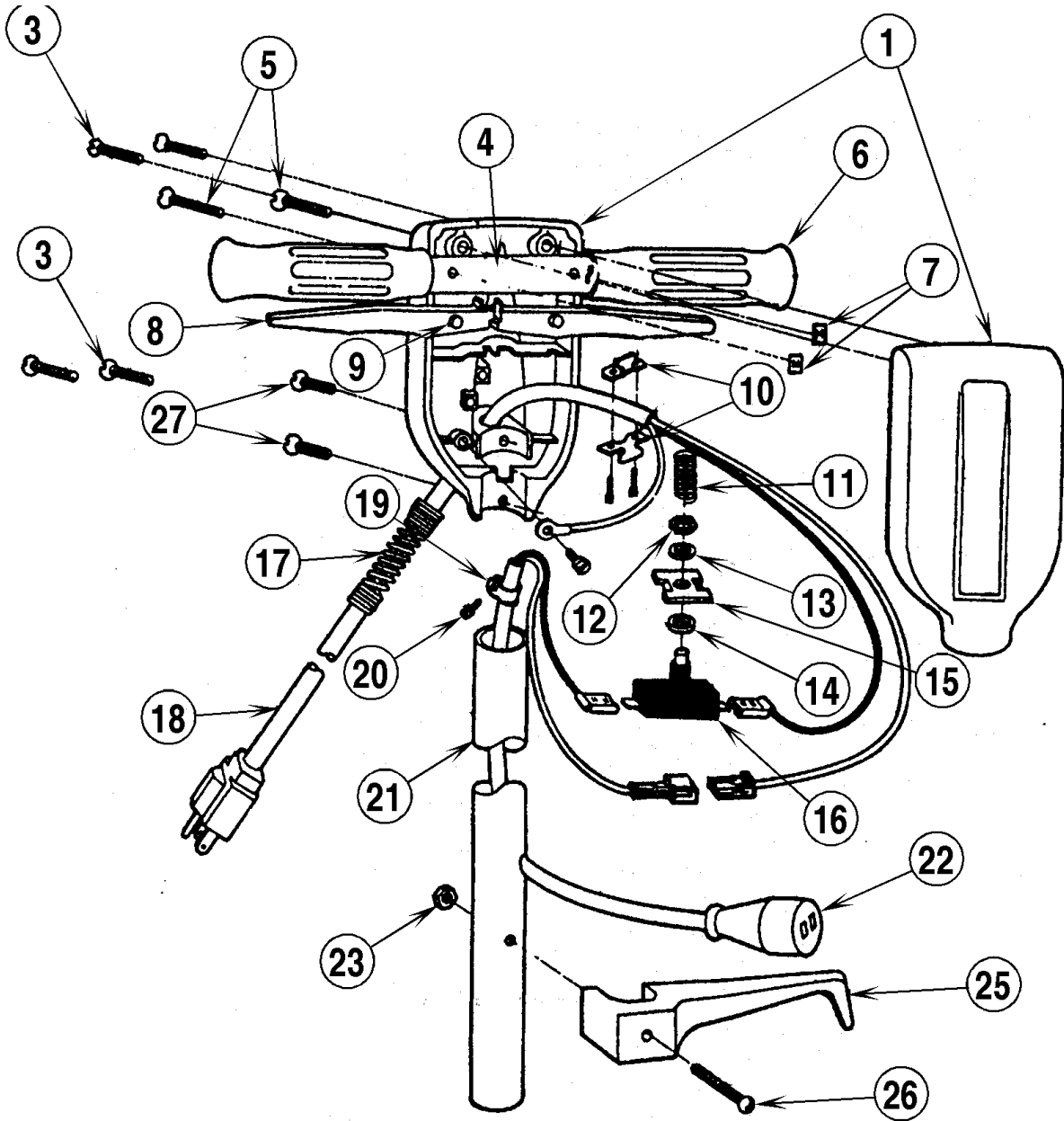


02-6	MOTOR ASSEMBLY		
02-7	EC 2000		9

Item	Ref. No.	Qty	Description
1	56649006		Screw
2	56649373		Motor Canopy
3	56649401		Brush Wear Light
4	56649391		Motor Lead
5	56649381		Grommet
6	56649403		Perforated Motor Cover
7	56649453		Motor Cover Gasket
8	56649399		Canopy Gasket
9	56649400		Canopy Spacer
10	56649388		Thru Bolt
11	56649387		Brush Band Cover
12	56649389		Top End Bell
13	56649390		Helical Washer
14	56649402		Brush Board Assy
15	56649510		Varistor
16	56649393		Motor Brush
17	56649392		Motor Brush Spring
18	56649669		Rectifier
19	56649394		Upper Bearing
20	56649396		Armature W/Fan
21	56649397		Lower Bearing
22	56649372		Hook Bracket
23	56649007		Hook Bracket Screw
24	56649008		Hook Bracket Mtg Screw
25	56649385		Hook Bracket Mount
26	56649395		Field Assy
27	56649398		Lower End Bell
74	56649755		Decal, Logo
75	56649754		Decal, Euroclean



Item	Ref. No.	Qty	Description
28	56649298		Lever Pivot
29	56649332		Washer
30	56649370		Latch Lever
31	56649371		Latch Lever Spring
32	56649277		Set Screw
33	56649369		Handle Adapter
34	56649353		Nut
35	56649333		Grommet
36	56649406		Latch Spring Screw
37	56649345		Pivot Pin
38	56649511		Handle Adj. Spring
39	56649456		Handle Adj. Screw
40	56649352		Nut
41	56649293		Nut
42	56649292		Spacer
43	56649339		Washer
44	56649301		Wheel
45	56649382		Rear Axle
46	56649457		Front Axle
47	56649358		Wheel Bushing
48	56649355		Wheel
49	56649009		Wheel Bracket Mtg. Bolt
50	56649379		Wheel Bracket
51	56649293		Nut
52	56649492		Nut
56	56649039		Motor Mtg. Bolt
57	56649278		Nut
58	56649608		Wheel Bracket Adj. Bolt
59	56649374		Spindle
60	56649368		Apron
61	56649405		Bumper
62	56649375		Washer
63	56649377		Ball Bearing
64	56649376		Brush Pulley Spacer
65	56649384		Brush Spindle Nut
66	56649378		Key
67	56649609		Set Screw
68	56649380		Motor Pulley
69	56649386		Belt
70	56649383		Brush Pulley Assy. (includes bearings)
71	56649363		Driving Pad Assy.
71A	56649364		Driving Pad Face
72	56649407		Driving Pad Mtg. Bolt
73	56649610		Pad Holder Assy.
*	56388354		Pad, Burnishing 20" (case of 5)



02-6	HANDLE ASSEMBLY		
02-7	EC 2000		13

Item	Ref. No.	Qty	Description
1	56649486		Switchbox Assy.
3	56649000		Switchbox Screw
4	56649489		Handle Bar
5	56649001		Handle Bar Screw
6	56649497		Handle Grip
7	56649490		Handle Bar Nut
8	56649487		Switch Lever
9	56649488		Lever Pivot Pin
10	56649509		Strain Relief
11	56649504		Coil Spring
12	56649507		Switch Nut
13	56649508		Washer
14	56649332		Washer
15	56649505		Switch Bracket
16	56649506		Switch
17	56649498		Cable Spring
18	56649605		Cable Assy.
19	56649502		Strain Relief (tube wire)
20	56649004		Strain Relief Screw
21	56649493		Handle Tube
22	56649503		Tube Wire Assy.
23	56649492		Cable Hook Nut
25	56649495		Cable Hook
26	56649765		Cable Hook Screw
27	56649013		Switchbox Screw



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