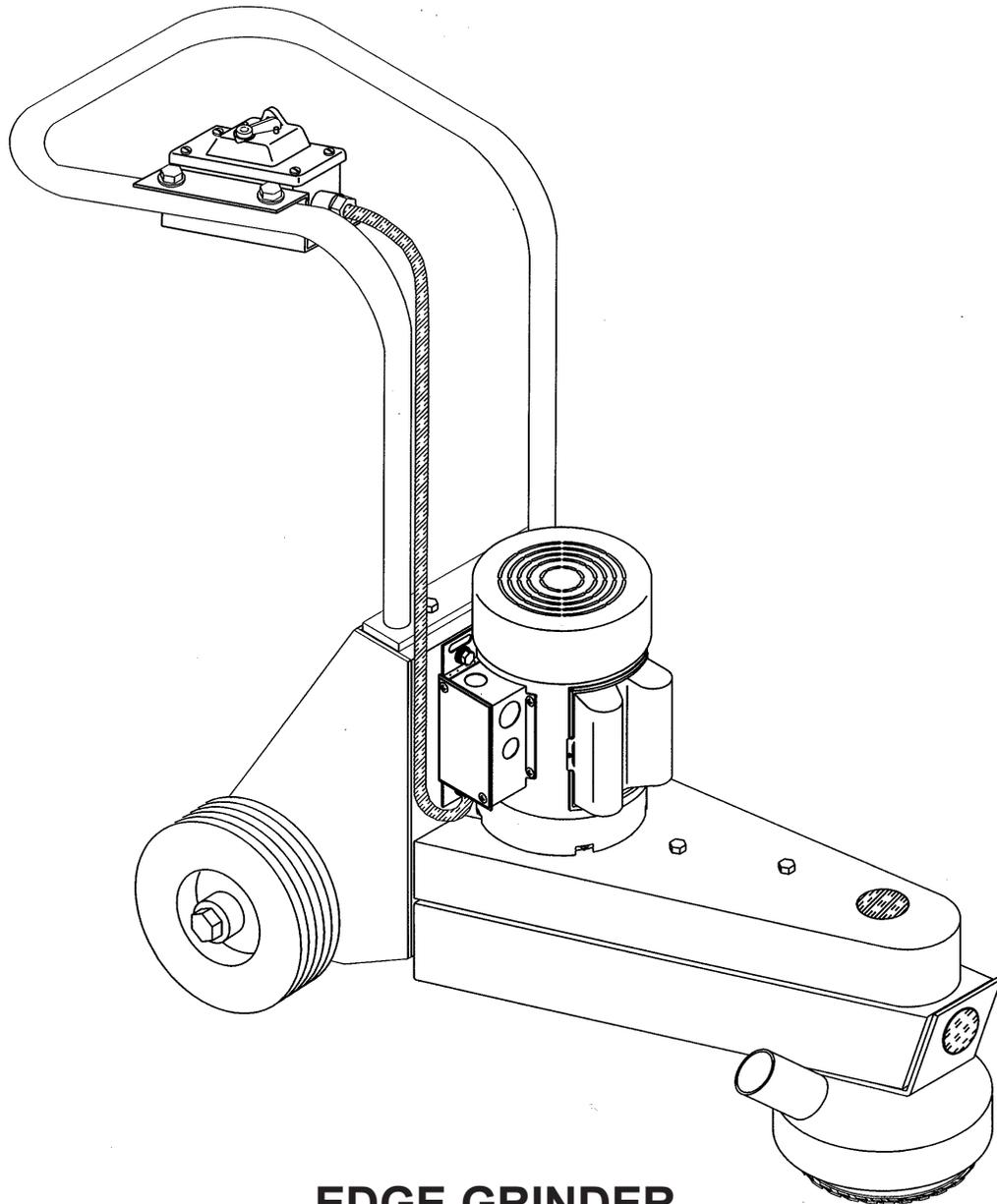


REVISED STARTING SERIAL # 1094

PARTS LIST MANUAL

MODEL EDG-7



EDGE GRINDER
PART NO. 56300



100 Thomas Johnson Drive, Frederick, MD 21702-4600 USA
Phone (301) 663-1600 • 1-800-638-3326
Fax (301) 663-1607 • 1-800-447-3326
Website: www.edcoinc.com • Email: sales@edcoinc.com

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READ AND UNDERSTAND THE OPERATORS INSTRUCTION MANUAL THOROUGHLY BEFORE ATTEMPTING TO OPERATE THIS EQUIPMENT. Death or serious injury could occur if this machine is used improperly.



SAFETY MESSAGES



The safety instructions are preceded by a graphic alert message of DANGER, WARNING, or CAUTION.



Indicates an imminent hazard which, if not avoided, will result in death or serious injury.



Indicates an imminent hazard which, if not avoided, will result in death or serious injury.



Indicates hazards which, if not avoided, could result in serious injury and or damage to the equipment.

GASOLINE

Powered Equipment



- Do not operate gasoline powered equipment without adequate ventilation. Carbon monoxide is an invisible, odorless gas that can kill.

ELECTRICAL

Powered Equipment



- ELECTRICAL HAZARD** - Be sure equipment is properly grounded. Failure to comply could kill or result in serious injury.



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

GENERAL INSTRUCTIONS



- You must read and understand the operators instruction manual and all other manuals associated with this machine. For your safety and the safety of others around you, it is extremely important to fully understand how to operate this machine in the way it was intended. Different model machines or older/newer versions of the same model may have different parts and controls that you need to understand. If instructions are not readable or available DO NOT USE this machine and contact the factory for a replacement Manual.
- You must be able to physically handle the bulk weight and power of this machine. If not properly controlled this machine can cause death or serious injury.
- Do not operate this machine in an impaired mental state. You must be able to exercise good judgement and reactions to maintain a safe working environment.
- This is a "one person" machine which means only one operator can be operating the machine at any one time. For the safety of others, maintain a safe operating distance to other personnel. Your work area should be defined and appropriately marked so bystanders and coworkers do not stand or walk near this machine and end up seriously injured by flying debris or exposing them to harmful noise or dust.
- This equipment is for Commercial use. Although this is a "one person" machine your work team should understand how to shut this machine off and quickly get medical help if an accident strikes the operator.
- Keep all guards in place during operation. The guards are to provide protection from inadvertent contact with dangerous moving parts, pinch points, or hot surfaces.
- Wear appropriate Personal Protective Equipment (PPE) including safety glasses, safety boots, work gloves, respiratory protection, hearing protection, and head protection. Do not wear loose clothing that can get tangled in moving parts. Failure to do so could result in dismemberment or death. **Wear an approved respirator when removing hazardous materials or when grinding/cutting dry materials. Some dust particles such as concrete dust can contain silicate particles which can cause silicosis (a very serious lung disease). Contact NIOSH or OSHA for further details. When wet grinding/cutting, avoid contact with the concrete/asphalt slurry which can cause serious skin irritations.**
- You must maintain this machine per the maintenance schedule in the operator manual. Remember before adjusting, servicing, or fueling this machine, disconnect the source of power to the machine by disconnecting the spark plug (Gas models), or by unplugging the electrical power cord (electric models) or air hose (Pneumatic models) AT THE MACHINE so you can assure yourself it remains unplugged while you are working on it. Do not modify this machine. Use only genuine EDCO parts and accessories. Repairs and service should be performed by approved EDCO dealers or authorized technicians.
- You should look carefully around the area before you begin work so you can identify potential hazards such as deck inserts, pipes, columns, openings, electrical cords or outlets, or any other objects protruding from the slab surface.
- This machine has no brain so you must use your own. There is no substitute for safety. The safety decals on the machine are to serve as a reminder for information you must already know before you begin using this machine. Take a moment to reread the safety decals each time you use the machine. If your machine is missing any decals, contact the factory for a replacement (EDCO 1-800-638-3326).

MODEL EDG-7

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Wiring Diagram - High Voltage	11
Limited Equipment Warranty	back cover

HOW TO ORDER REPLACEMENT PARTS

- To insure product safety and reliability, always use genuine EDCO replacement parts when making repairs to the equipment.
- When calling for parts, specify the MODEL and SERIAL NUMBER of the machine which can be found on the NAME PLATE. Keep that information in the space provided. In addition to this information, give part number, description and quantity as listed on the parts list to your parts representative.
- Please note: Due to improvements and changes in the equipment, the illustrations shown may be different than the actual machine.

FILL IN INFORMATION BELOW

Date of Purchase _____

Name of Machine _____

Model # _____

Serial # _____

Belt Size(s) _____

Toll Free: 1-800-638-3326

FAX: 1-800-447-3326

email: sales@edcoinc.com

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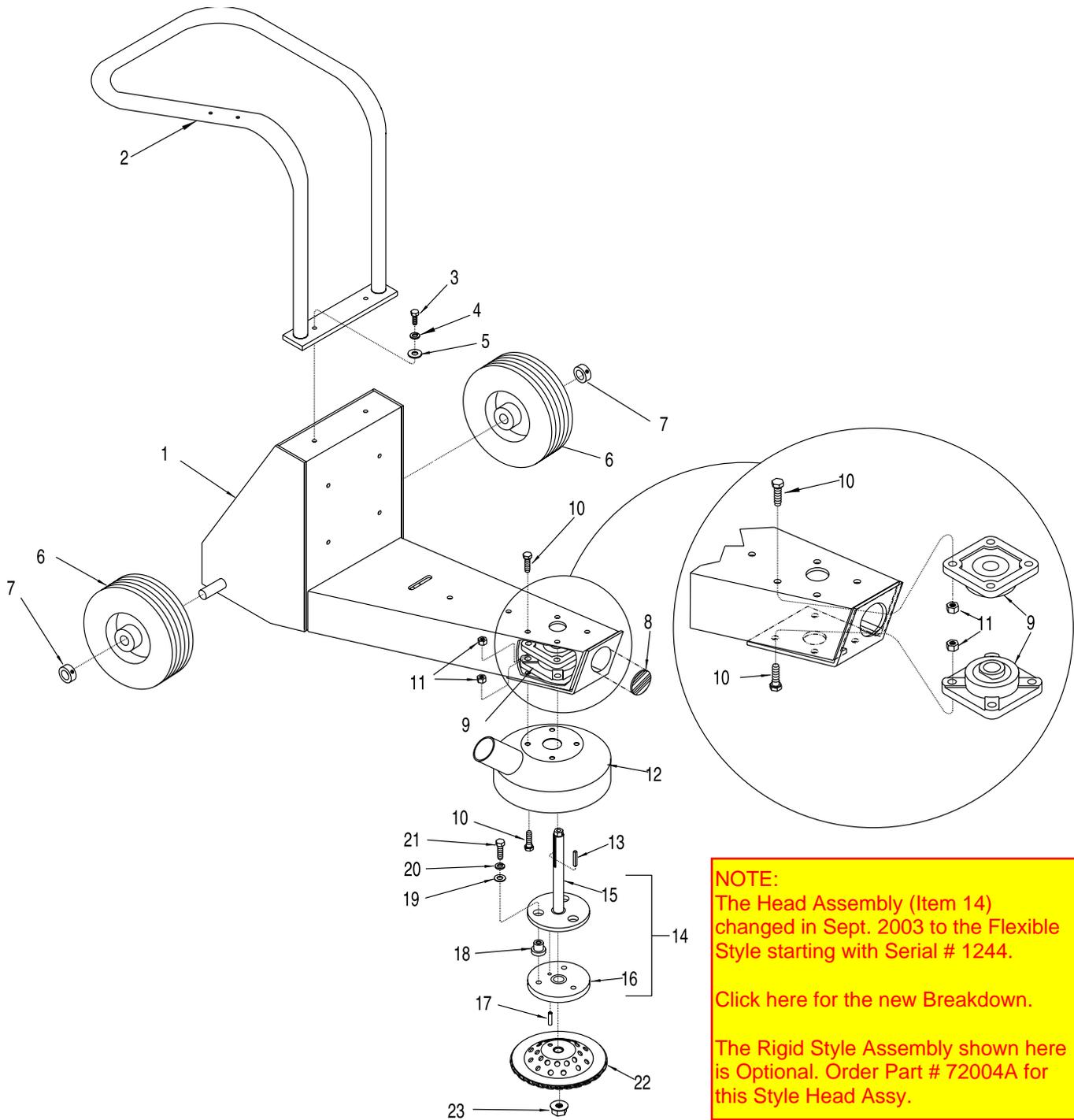
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ILLUSTRATION # 1 - MAIN ASSEMBLY GROUPING



NOTE:
The Head Assembly (Item 14) changed in Sept. 2003 to the Flexible Style starting with Serial # 1244.
[Click here for the new Breakdown.](#)
The Rigid Style Assembly shown here is Optional. Order Part # 72004A for this Style Head Assy.

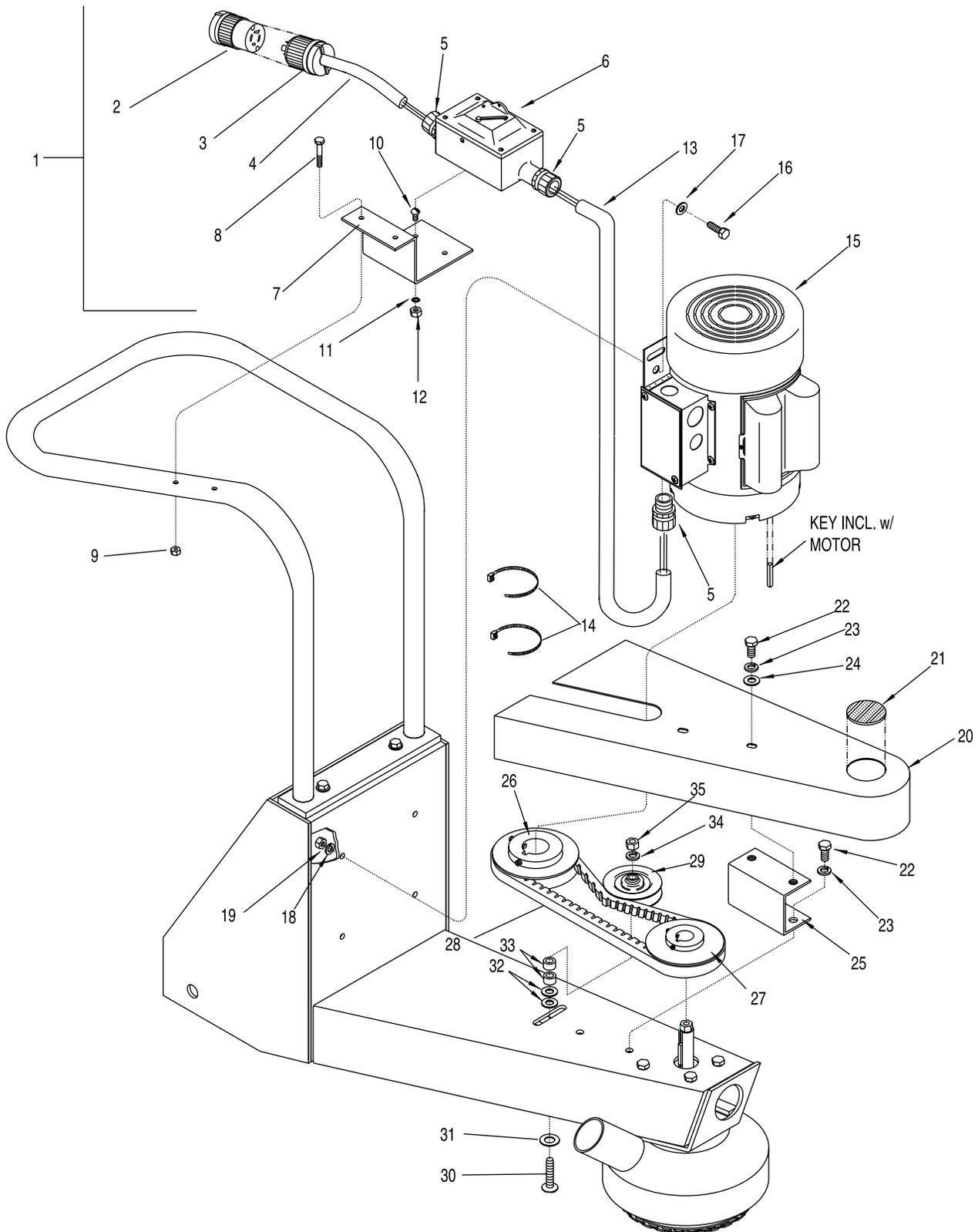


PARTS LISTING - ILLUSTRATION # 1: MAIN ASSEMBLY GROUPING

ITEM #	PART #	DESCRIPTION	QTY.
1	72001	MAIN FRAME	1
2	72002	HANDLE BAR	1
3	10055	SCREW, CAP 3/8-16 x 1	2
4	10811	WASHER, LOCK 3/8	2
5	10025	WASHER, FLAT 3/8	2
6	79013	WHEEL 8 x 2-1/2 x 3/4" BRG.	2
7	10428	COLLAR, LOCKING 3/4" ID	2
8	65022	PLUG, HOLE 2"	1
9	77009	BEARING, BALL 3/4" 4-HOLE FLANGE	2
10	10309	SCREW, CAP 3/8-24 x 1-1/4	8
11	10152	NUT, HEX NYLON LOCK 3/8-24	8
12	72009	COVER, DISC	1
13	10016	KEY 3/16 SQ. x 1-1/2	1
14	72004A	DIAMOND HEAD SUBASSEMBLY (ITEMS 15-21)	1
15	72004	DIAMOND HEAD FLANGE & SHAFT	1
16	72005	DIAMOND DISC MOUNTING FLANGE	1
17	10049	PIN, ROLL 1/4 x 1	1
18	72007	MOUNT, CENTER BONDED (CB-1120)	3
19	72006	WASHER, CENTER BONDED MOUNT	3
20	10811	WASHER, LOCK 3/8	3
21	10309	SCREW, CAP 3/8-24 x 1-1/4	3
22	72030	7EDCW DIAMOND CUP WHEEL 7"	1
23	72021	NUT, FLANGE 5/8-11	1



ILLUSTRATION # 2 - MOTOR GROUPING



PARTS LISTING - ILLUSTRATION # 2: MOTOR GROUPING

ITEM#	PART #	DESCRIPTION	QTY.
1	72013	SWITCH & WIRE HARNESS ASSEMBLY (2-13)	1
2	40041	PLUG CONNECTOR, LOCKING 20A/125V	1
3	40042	PLUG, LOCKING 20A/125V	1
4	77026	WIRE HARNESS 12/3 x 18" LOA	1
5	41130	STRAIN RELIEF 1/2 NPT x .550 -.650"	3
6	77027	SWITCH w/ ENCLOSURE DP 30A 120-277V	1
7	72011	BRACKET, SWITCH BOX	1
8	10315	SCREW, CAP 1/4-20 x 1-1/2	2
9	10150	NUT, HEX NYLON LOCK 1/4-20	2
10	10365	BOLT, CARRIAGE 10-24 x 1/2	2
11	10831	WASHER, LOCK, INT. TOOTH # 10	2
12	10463	NUT 10-24	2
13	72014	WIRE HARNESS 12/3 x 32" LOA	1
14	10982	TIE, CABLE, BLACK NYLON 11-1/4	2
15	16037	MOTOR, LEESON 2HP-1PH 60Hz 1740 RPM	1
16	10806	SCREW, CAP 5/16-18 x 1	4
17	10213	WASHER, FLAT 5/16	4
18	10801	WASHER, LOCK 5/16	4
19	10054	NUT 5/16-18	4
20	72003	COVER, BELT	1
21	65022	PLUG, HOLE 2"	1
22	10907	SCREW, CAP 3/8-16 x 3/4	4
23	10811	WASHER, LOCK 3/8	4
24	10025	WASHER, FLAT 3/8	2
25	72015	MOUNT BRACKET, BELT COVER	1
26	72012	SHEAVE 4" OD x 1Gr.B x 7/8" BORE	1
27	72010	SHEAVE 4" OD x 1Gr.B x 3/4" BORE	1
28	10278	BELT BX-34 COG	1
29	51226	PULLEY, IDLER 3.125" x 3/4" FLAT x 3/8" BORE	1
30	10908	BOLT, CARRIAGE 3/8-16 x 2-1/2	1
31	10040	WASHER, GARRETT 1"OD x 17/32" ID x .054 THK.	1
32	10025	WASHER, FLAT 3/8	2
33	10011	SPACER, STEEL 5/8" OD x 3/8" ID x 3/8"	2
34	10811	WASHER, LOCK 3/8	1
35	10404	NUT 3/8-16	1

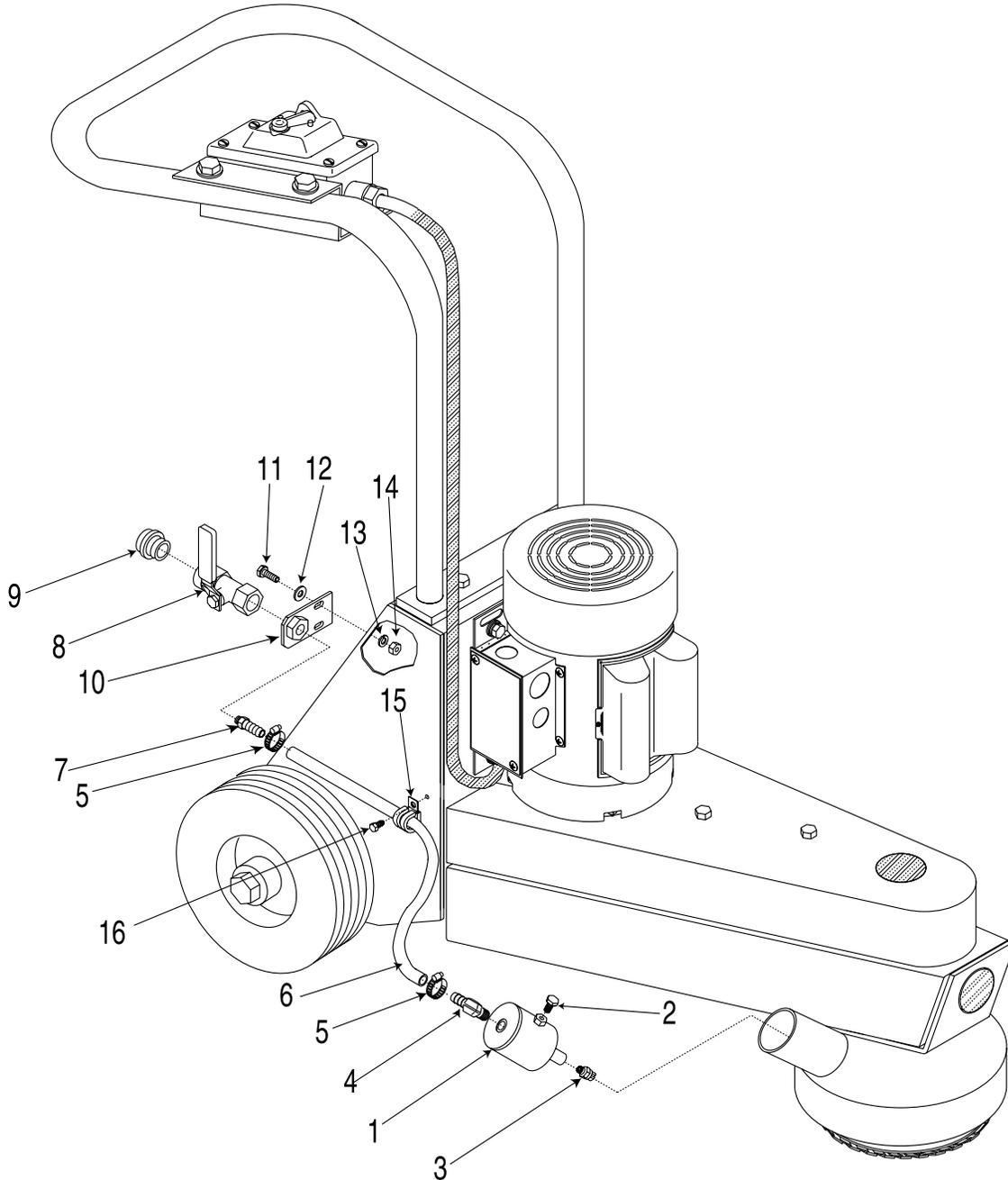


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ILLUSTRATION # 3: WATER MIST SYSTEM

KIT PART NO. 72060
(OPTIONAL)



PARTS LISTING - ILLUSTRATION # 3: WATER MIST SYSTEM

ITEM #	PART #	DESCRIPTION	QTY.
1	72062	ATTACHMENT, WATER NOZZLE	1
2	10834	SCREW, CAP 1/4-20 x 1/2	1
3	11563	NOZZLE, SPRAY 1/8 MPT (H1/8VV250I)	1
4	11562	BARB ELBOW 90°, 3/8 HOSE x 1/8 MPT	1
5	50069	CLAMP, HOSE, SIZE M6, ADJ. TO 13/16	2
6	72063	HOSE, WATER 3/8" ID x 25" L	1
7	50075	BARB, 3/8 HOSE x 1/4 MPT	1
8	10711	VALVE, BALL 1/2 FPT	1
9	80021	CONN., SWIVEL FEMALE 3/4 HOSE x 1/2 MPT	1
10	72061	BRACKET, WATER VALVE, EDG-7	1
11	10018	SCREW, CAP 1/4-20 x 3/4	2
12	10602	WASHER, FLAT 1/4	2
13	10038	WASHER, LOCK 1/4	2
14	10013	NUT 1/4-20	2
15	11565	CLAMP, LOOM, 5/8' (SAE SIZE 10)	1
16	10877	SCREW, SELF-TAP HEX WASHER 10-24 x 1/2	1



ILLUSTRATION # 4: LOW VOLTAGE WIRING DIAGRAM

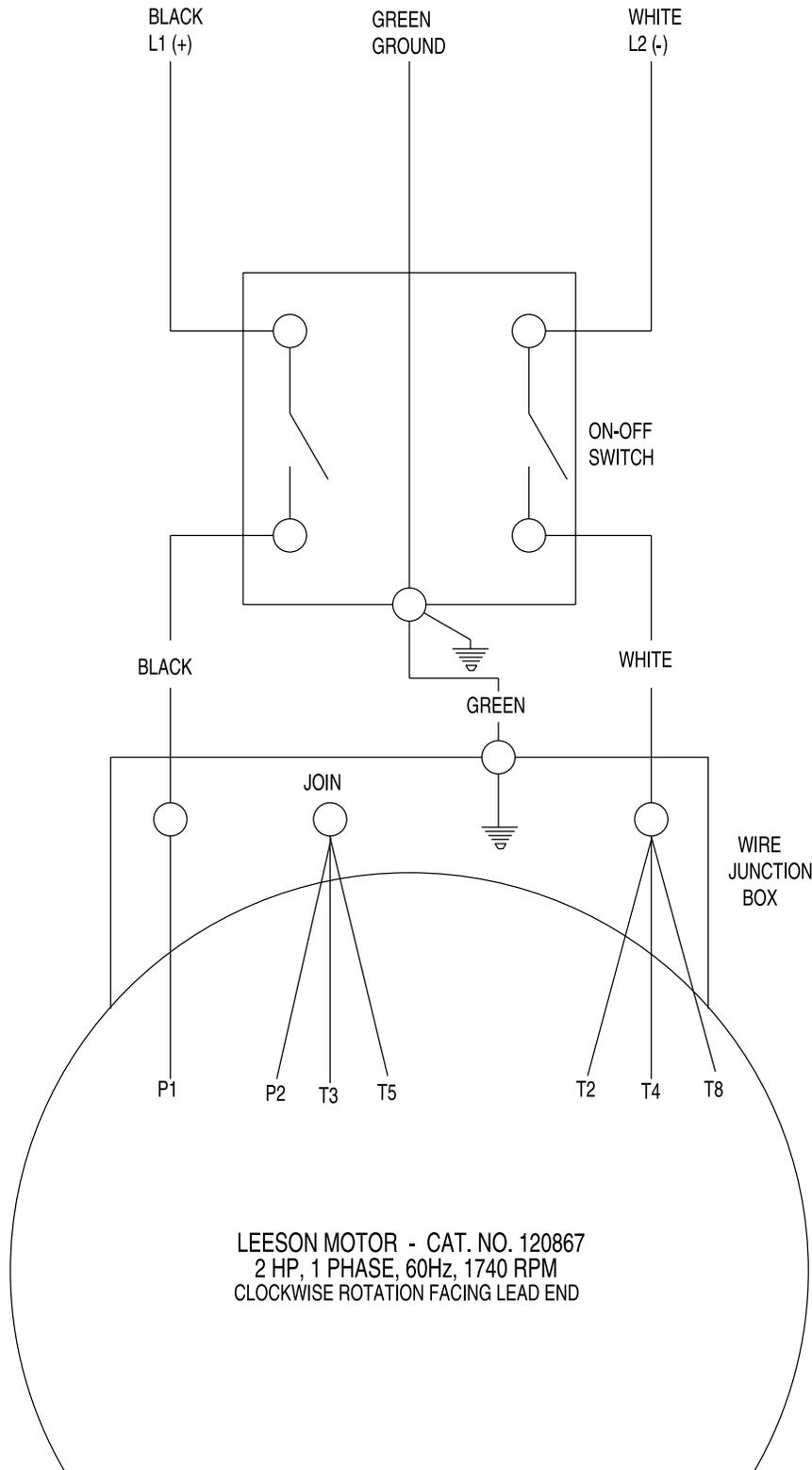
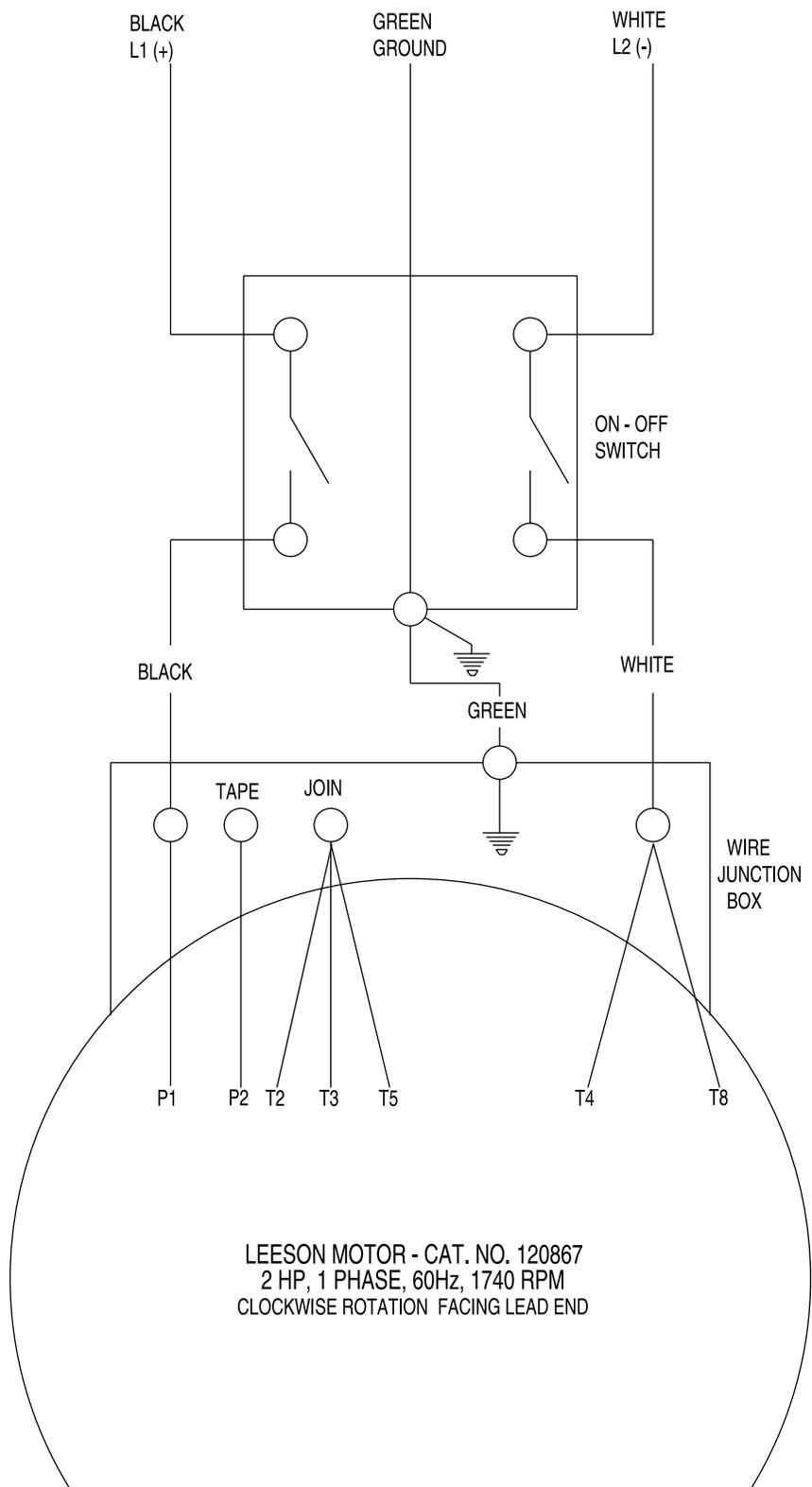


ILLUSTRATION # 5: HIGH VOLTAGE WIRING DIAGRAM



LIMITED EQUIPMENT WARRANTY

Equipment Development Company, Inc. herein referred to as EDCO warrants that each new unit manufactured by EDCO to be free from defects in material and workmanship in normal use and service for a period of (1) one year (except in the case of the cutter drum assembly on all model concrete asphalt planes, in which case the warranty period shall be 90 days) from date of shipment to the original retail or equipment rental center owner.

EDCO will, at its option, repair or replace, at the EDCO factory or at a point designated by EDCO any part, which shall appear to the satisfaction of EDCO inspection to have been defective in material or workmanship.

This warranty, does not apply to failure occurring as a result of abuse, misuse, negligent repairs, corrosion, erosion, normal wear and tear, alterations or modifications made to the product without express written consent of EDCO: or failure to follow the recommended operating practices and maintenance procedures as provided in the products operating and maintenance manuals.

This warranty does not obligate EDCO to bear any transportation charges in connection with the replacement or repair of defective parts. This warranty does not obligate EDCO to bear any expense for travel time or of personnel in connection with any service calls.

Accessories or equipment furnished and installed on the product by EDCO but manufactured by others, including but not limited to engines, motors, electrical equipment, transmissions, etc., shall carry the accessory manufacturers' own warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, OR STATUTORY, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE.

LIABILITY LIMITATIONS

The remedies of the user set forth under provisions of warranty outlined above are the exclusive and total liability of EDCO with the respect to their sale or the equipment and service furnished hereunder, in connection with the performance or breach thereof, or from the sale, delivery, installation, repair or technical direction covered by or furnished under the sale, whether based on contract, warranty, negligence, indemnity, strict liability, or otherwise shall not exceed the purchase price of the unit of equipment upon which such liability is based.

EDCO will not in any event be liable to the user, any successors in interest or any beneficiary or assignee relating to this sale for any consequential, incidental, indirect, special or punitive damages arising out of this sale or any breach thereof, or any defects on, or failure of, or malfunction of the equipment under this sale based upon loss of use, lost profits or revenue, interest, lost goodwill, work stoppage, impairment of other goods, loss by reason of shutdown or non-operation, increased expenses of operation of the equipment, cost of purchase or replacement power of claims of users or customers of the user for service interruption whether or not such loss or damage is based on contract, warranty, negligence, indemnity, strict liability, or otherwise.

EDCO reserves the right to modify, alter and improve any part or parts without incurring any obligation to replace any part or parts previously sold without such modified, altered or improved part or parts.

No person is authorized to give any other warranty or to assume any additional obligation on EDCO's behalf unless made in writing and signed by an officer of EDCO.

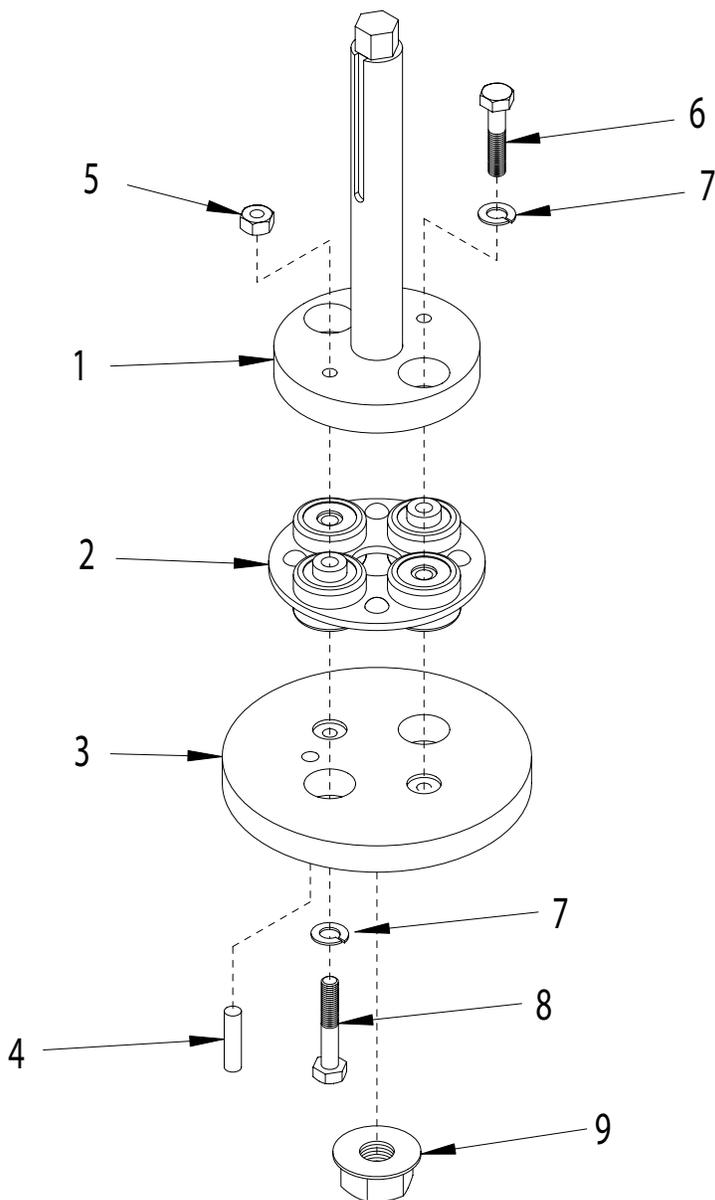
Equipment Development Company, Inc.

USE ONLY GENUINE EDCO PARTS AND ACCESSORIES

For your own safety, the safety of others and the life of your machine



**FLEXIBLE HEAD RETROFIT ASSEMBLY
FOR MODELS EDG-7 & TG-7* PART #72022**



***NOTE
MODEL TG-7 WAS
FORMERLY KNOWN
AS MODEL EDG-7G**

ITEM#	PART#	DESCRIPTION	QTY.
1	72023	HUB AND SHAFT, HEAD	1
2	72025	COUPLING, MORFLEX CENTER 302	1
3	72024	FLANGE, DIAMOND DISC MOUNTING	1
4	10049	PIN, ROLL 1/4 X 1	1
5	11662	NUT, HEX NYLON JAM 1/4-28	2
6	11656	SCREW, CAP 1/4-28 X 1-1/4, GRADE 8	2
7	10038	WASHER, LOCK 1/4	4
8	11657	SCREW, CAP 1/4-28 X 1-1/2, GRADE 8	2
9	72021	NUT, FLANGE 5/8-11	1



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