

REVISED STARTING SERIAL #1207

GASOLINE POWERED 18" CONCRETE/ASPHALT SAW PARTS LIST MANUAL



CS-18 COMPACT WALK-BEHIND MODELS

SKU NO.	MODEL NO.	POWER OPTION
36100	CS18-13H	HONDA ENGINE 13 HP GX390K1-QXC9
36500	CS18-13.5RS	ROBIN SUBARU ENGINE 13.5 HP EH41-OYD0031



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, can 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).

PARTS LIST MANUAL

MODEL CS-18

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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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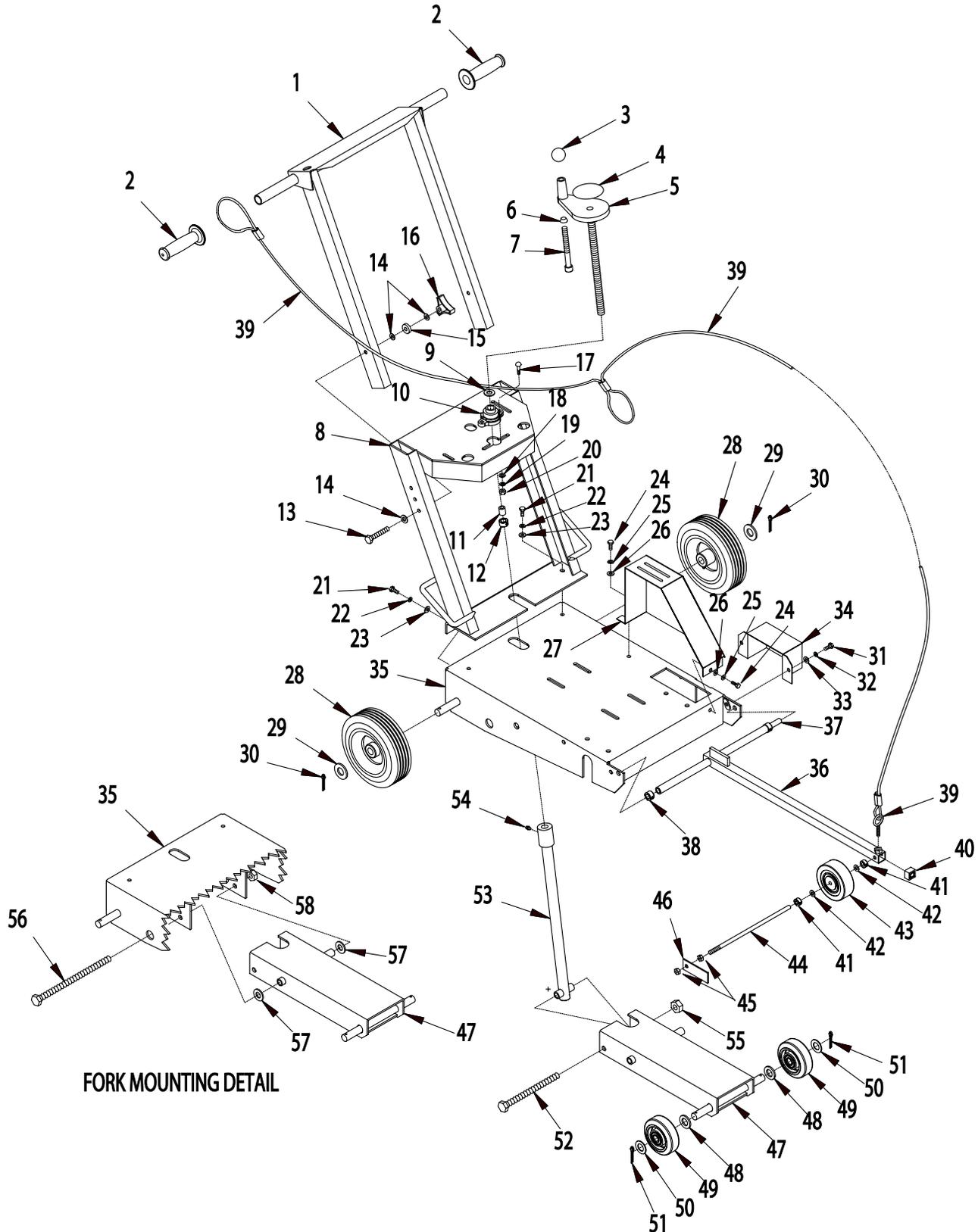
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ILLUSTRATION 1 : MAIN FRAME GROUPING



PARTS LISTING - ILLUSTRATION 1 : MAIN FRAME GROUPING

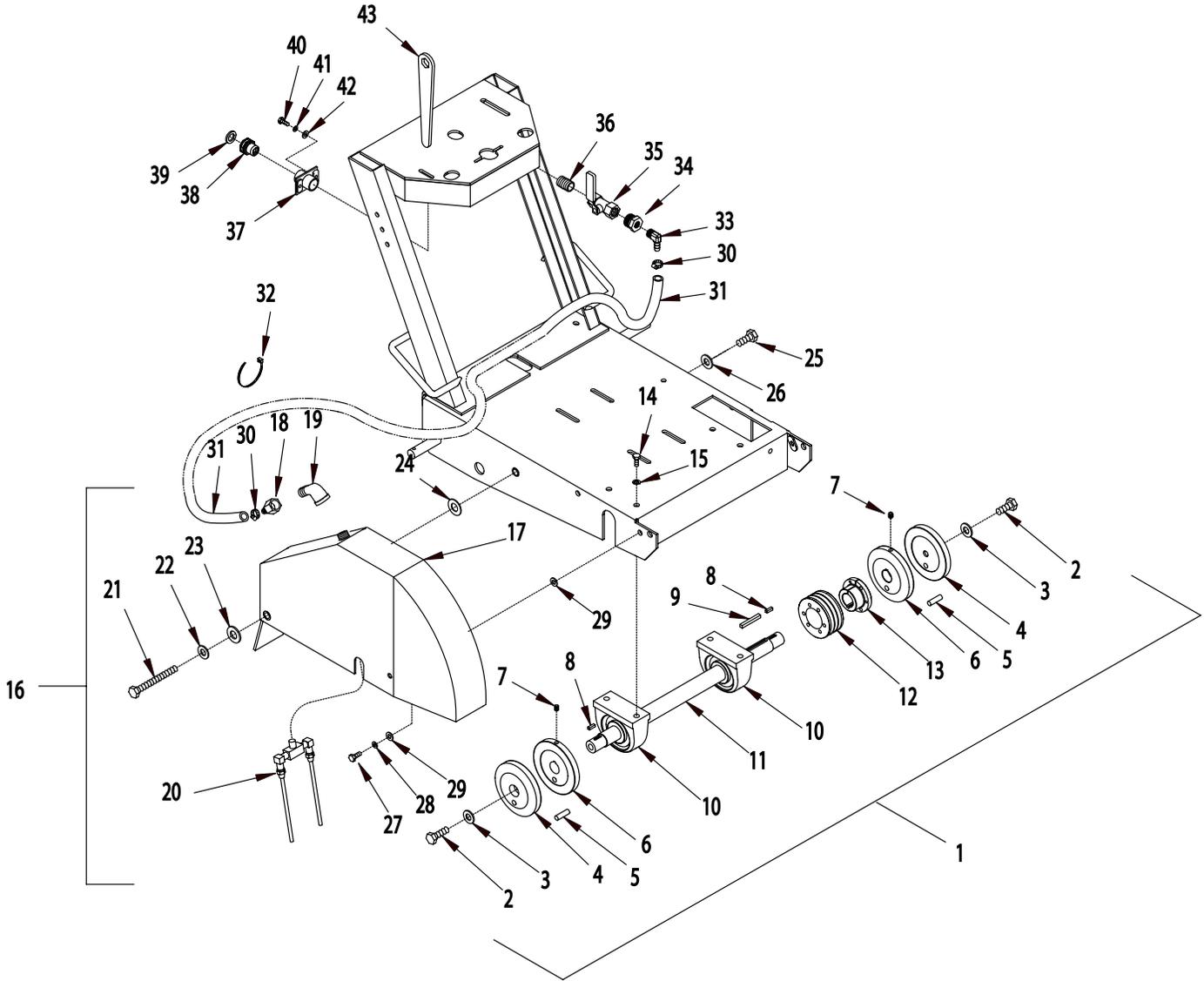
ITEM#	PART#	DESCRIPTION	QTY.	ITEM#	PART#	DESCRIPTION	QTY.
1	53007	HANDLE BAR	1	30	10306	PIN, COTTER 3/16 X 1-1/4	2
2	61108	GRIP, HAND 1" MODEL SX	2	31	10907	SCREW, CAP 3/8-16 X 3/4	2
3	14023	KNOB, BALL 1-3/8 W/ 1/2-13THD., BLK.	1	32	10811	WASHER, LOCK 3/8	2
4	61106	DECAL, CUT CONTROL - DN/UP (LARGE)	1	33	10025	WASHER, FLAT 3/8	2
5	51075	HANDWHEEL, LARGE W/ 5/8-8 X 13"ROD	1	34	53014	GUARD, ARBOR	1
6	50550	SLEEVE FOR 1/2" CAPSCREW, TAPERED	1	35	53001	MAIN FRAME	1
7	10346	SCREW, SKT. HD. CAP 1/2-13 X 4-1/2 ZINC	1	36	53008	GUIDE BAR	1
8	53006	CONSOLE	1	37	53009	ROD, GUIDE BAR 1/2"DIA. x 16-3/4"L	1
9	10073	WASHER, FLAT 5/8	1	38	10431	COLLAR, LOCKING 1/2"ID	2
10	80009	BEARING, BALL 5/8" 2-HOLE FLANGE	1	39	56221	ROPE, GUIDE BAR	1
11	55010	SPACER, HANDWHEEL 5/8"ID X 3/4"L	1	40	51078	PLUG, SQ. TUBE 1 X 14 GA., BLACK	1
12	10096	COLLAR, LOCKING 5/8"ID	1	41	27084	COLLAR, LOCKING 3/8"ID	2
13	10317	SCREW, CAP 3/8-16 X 2	2	42	10025	WASHER, FLAT 3/8	2
14	10025	WASHER, FLAT 3/8	6	43	50024	WHEEL 4 X 1-3/8 X 3/8"BORE	1
15	56018	BUSHING, RUBBER 1"OD X 3/8"ID X 1/4	2	44	53010	ROD, GUIDE FLAG 3/8"DIA. x11-3/8"L	1
16	80011	KNOB, 3-PRONG W/ 3/8-16 THD.	2	45	10014	NUT 3/8-24	2
17	10412	BOLT, CARRIAGE 1/4-20 X 1	2	46	53011	GUIDE FLAG	1
18	10602	WASHER, FLAT 1/4	2	47	53002	FORK	1
19	10038	WASHER, LOCK 1/4	2	48	10009	WASHER, FLAT 3/4	2
20	10013	NUT 1/4-20	2	49	52001	WHEEL 4 X 1-1/2 X 3/4"BRG.	2
21	10053	SCREW, CAP 5/16-18 X 3/4	4	50	11597	WASHER .755"ID X 1.25"OD X .060"THK	2
22	10801	WASHER, LOCK 5/16	4	51	10306	PIN, COTTER 3/16 X 1-1/4	2
23	10213	WASHER, FLAT 5/16	4	52	10329	SCREW, CAP 1/2-20 X 6	1
24	10053	SCREW, CAP 5/16-18 X 3/4	2	53	53003	LINKAGE, CUT CONTROL	1
25	10801	WASHER, LOCK 5/16	2	54	10808	FITTING, GREASE 1/4-28 STRAIGHT	1
26	10213	WASHER, FLAT 5/16	1	55	10205	NUT, LOCK 1/2-20	1
27	53031	COVER, BELT	1	56	10408	SCREW, CAP 1/2-13 X 9	1
28	79013	WHEEL 8 X 2-1/2 X 3/4"BRG.	2	57	10312	WASHER, FLAT 1/2	2
29	10009	WASHER, FLAT 3/4	2	58	10407	NUT, LOCK 1/2-13	1



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PARTS LISTING - ILLUSTRATION 2 : ARBOR & BLADE GUARD GROUPING



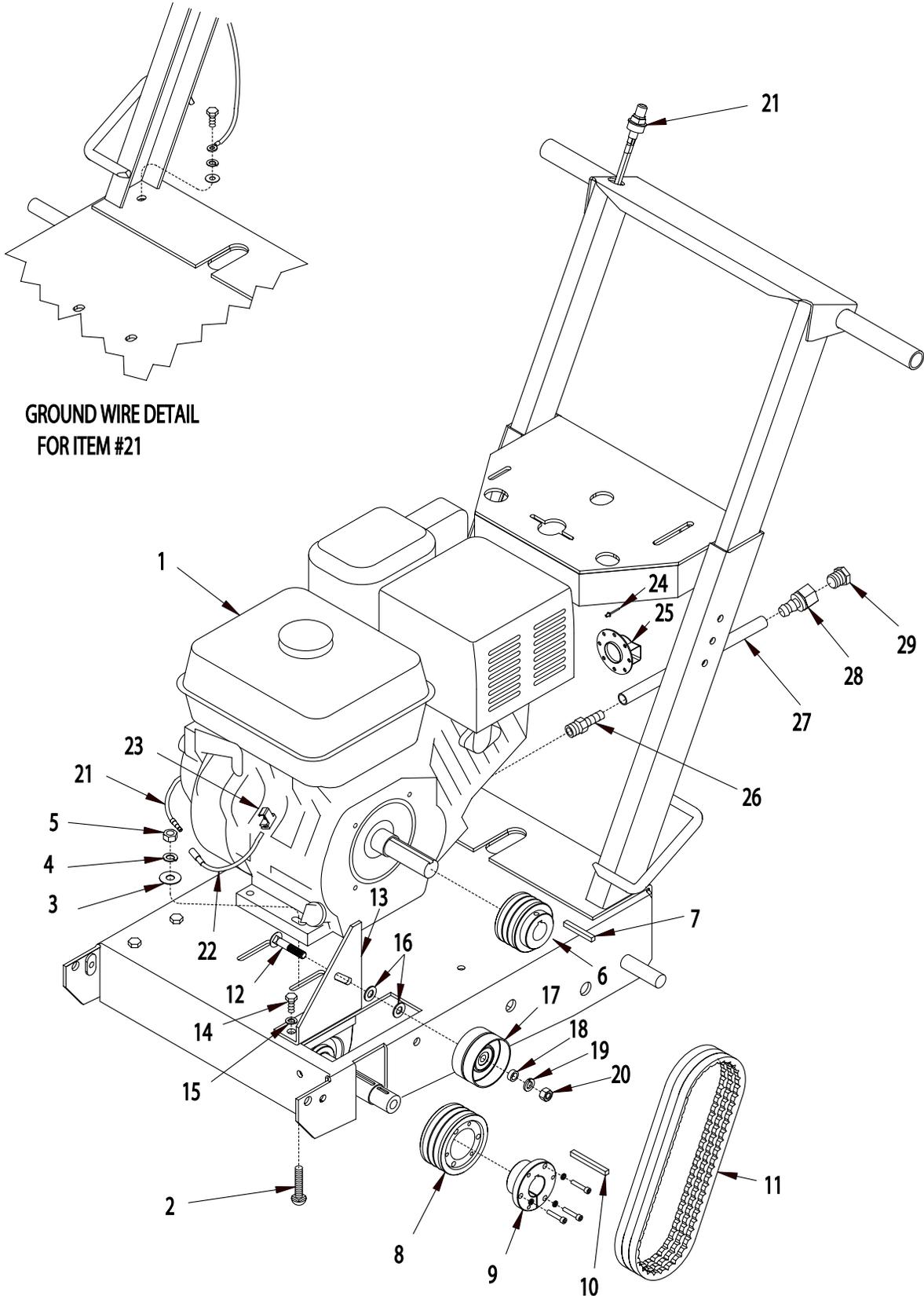
PARTS LISTING - ILLUSTRATION 2 : ARBOR & BLADE GUARD GROUPING			
ITEM#	PART#	DESCRIPTION	QTY.
1	53017A	ARBOR ASSY. COMPLETE (INCLUDES ITEMS 2-13)	1
2	10321	SCREW, CAP 1/2-20 X 1-1/4	2
3	10045	WASHER, LOCK 1/2	2
4	53019	ARBOR BLADE CAP 4-1/2"	2
5	10129	PIN, SHEAR PROOF 3/8 X 1-1/4	2
6	53018	ARBOR BACKING PLATE 4-1/2"	2
7	10139	SCREW, SET 1/4-20 X 5/16	2
8	53024	KEY 3/16 SQ.x5/8	2
9	10115	KEY 1/4 SQ.x2	1
10	53020	BEARING, BALL 1-1/8" TPB	2
11	53017	ARBOR SHAFT 20-1/2"L	1
12	41136	SHEAVE 3.35"OD X 3GR.3V X SH (ILLUS. 3, ITEM 8)	1
13	10547	BUSHING, SHEAVE SH X 1-1/8"BORE (ILLUS. 3, ITEM 9)	1
14	53033	SCREW, CAP 7/16-14 X 7/8 (SEE ILLUS. 3, ITEM 14)	4
15	10450	WASHER, LOCK 7/16 (SEE ILLUS. 3, ITEM 15)	4
16	53015A	BLADE GUARD ASSEMBLY (INCLUDES ITEMS 17-20)	1
17	53015	GUARD, BLADE 18"	1
18	10729	BARB, 3/8HOSE X 1/2FPT	1
19	10724	ELBOW, STREET 1/2NPT X 90 (BLACK)	1
20	51026	NOZZLE, COOLANT 1/8MPT W/ 6"TUBES	1
21	10409	SCREW, CAP 1/2-20 X 4-1/2	1
22	10045	WASHER, LOCK 1/2	1
23	10312	WASHER, FLAT 1/2	1
24	10040	WASHER, GARRET 17/32"ID x 1"OD x .054"THK	1
25	10304	SCREW, CAP 1/2-20x1	1
26	10045	WASHER, LOCK 1/2	1
27	10055	SCREW, CAP 3/8-16 X 1	1
28	10801	WASHER, LOCK 3/8	2
29	10025	WASHER, FLAT 3/8	2
30	50069	CLAMP, HOSE, SAE #6, ADJ. TO 13/16	2
31	53016	HOSE, WATER 3/8"ID X 43"L	1
32	10982	TIE, CABLE, BLACK NYLON 11-1/4"	4
33	10799	BARB ELBOW 90, 3/8HOSE X 1/4MPT	1
34	51236	BUSHING, HEX 1/2 X 1/4 NPT (BRASS)	1
35	10711	VALVE, BALL 1/2 FPT	1
36	10728	PIPE NIPPLE, CLOSE 1/2NPT (BLACK)	1
37	53028	BRACKET, WATER VALVE	1
38	80021	CONN., SWIVEL FEM. 3/4HOSE X 1/2MPT	1
39	10070	WASHER, HOSE 3/4 (INCLUDED WITH ITEM 38)	1
40	10018	SCREW, CAP 1/4-20x3/4	2
41	10038	WASHER, LOCK 1/4	2
42	10602	WASHER, FLAT 1/4	2
43	53021	WRENCH, ARBOR 3/4	1



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ILLUSTRATION 3 : ENGINE & BELT DRIVE GROUPING



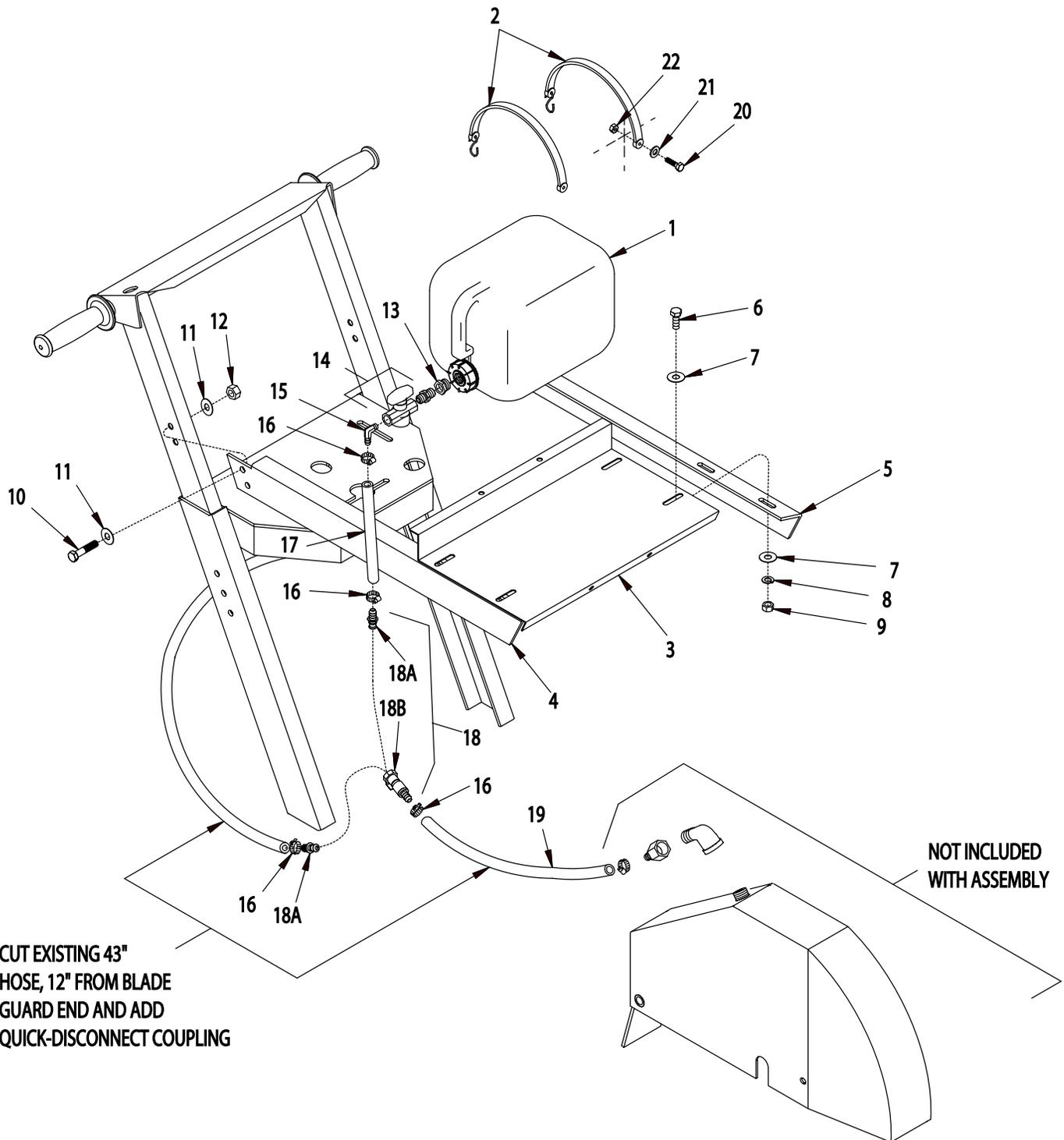
**GROUND WIRE DETAIL
FOR ITEM #21**



PARTS LISTING - ILLUSTRATION 3 : ENGINE & BELT DRIVE GROUPING			
ITEM#	PART#	DESCRIPTION	QTY.
1		ENGINE	1
	15029	HONDA 13 HP GX390K1-QXC9	
	15066	ROBIN SUBARU 13.5 HP EH410YD0031	
2	10087	BOLT, CARRIAGE 3/8-16 X 1-3/4	4
3	10025	WASHER, FLAT 3/8	4
4	10811	WASHER, LOCK 3/8	4
5	10404	NUT 3/8-16	4
6	65238	SHEAVE 2.8"OD X 3GR.3V X 1"BORE	1
7	40317	KEY 1/4 SQ X 1-5/8	1
8	41136	SHEAVE 3.35"OD X 3GR.3V X SH (ILLUS. 2, ITEM 12)	1
9	10547	BUSHING, SHEAVE SH X 1-1/8"BORE (ILLUS. 2, ITEM 13)	1
10	10115	KEY 1/4SQ X 2 (ILLUS. 2, ITEM 9)	1
11	53022	BELT 3VX-280	3
12	10364	BOLT, CARRIAGE 3/8-16 X 2 FULL THD.	1
13	53032	BRACKET, ILDER	1
14	53033	SCREW, CAP 7/16-14 X 7/8 (SEE ILLUS. 2, ITEM 14)	2
15	10450	WASHER, LOCK 7/16 (SEE ILLUS. 2, ITEM 15)	2
16	10025	WASHER, FLAT 3/8 SAE	2
17	53030	IDLER PULLEY, HD 2.75 X 1.44 X .38	1
18	10113	SPACER, STEEL 9/16OD X 3/8ID X 7/32	1
19	10811	WASHER, LOCK 3/8	1
20	10404	NUT 3/8-16	1
21	53026	SWITCH KIT, STOP BUTTON	1
22	53027	WIRE, STOP BUTTON SWITCH	1
23	10970	CONN., WIRE QUICK-SPLICE 18-14 GA.	1
24	10128	RIVET, BLIND 1/8 X .265L X .25HD	2
25	10625	MUFFLER CAP, HONDA#18331-2E3-810	1
26	11544	BARB, PUSH-ON 3/8HOSE X 1/4FPT	1
27	52063	HOSE, PUSH-ON 3/8"IDX10-1/2"L	1
28	11542	BARB, PUSH-ON 3/8HOSEX12MMX1.50	1
29	10776	PIPE PLUG 1/4 NPT (BRASS)	1



ILLUSTRATION 4 : OPTIONAL WATER TANK ASSEMBLY
PART# 53050

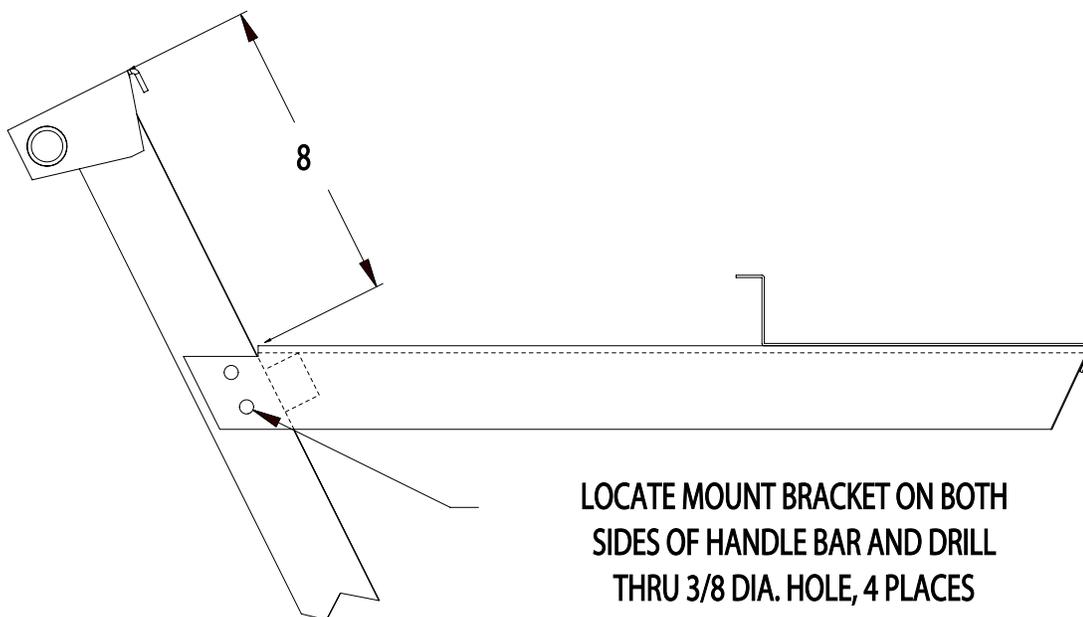


**CUT EXISTING 43"
 HOSE, 12" FROM BLADE
 GUARD END AND ADD
 QUICK-DISCONNECT COUPLING**

**NOT INCLUDED
 WITH ASSEMBLY**



PARTS LISTING - ILLUSTRATION 4 : OPTIONAL WATER TANK ASSEMBLY			
ITEM#	PART#	DESCRIPTION	QTY.
1	52031	DRUM, PLASTIC 5 GALLON, 3/4NPT CAP	1
2	52035	TIE-DOWN STRAP, MOLDED RUBBER 24" (REMOVE S-HOOK FROM ONE END)	2
3	53051	TRAY, WATER TANK	1
4	53052	MOUNT BRKT., WATER TANK, RIGHT SIDE	1
5	53053	MOUNT BRKT., WATER TANK, LEFT SIDE	1
6	10053	SCREW, CAP 5/16-18 X 3/4	4
7	10213	WASHER, FLAT 5/16 SAE	8
8	10801	WASHER, LOCK 5/16	4
9	10054	NUT 5/16-18	4
10	10029	SCREW, CAP 3/8-24 X 1-3/4	4
11	10025	WASHER, FLAT 3/8 SAE	8
12	10004	NUT, LOCK 3/8-24	4
13	52034	BUSHING, HEX 3/4 X 1/4 NPT (BRASS)	1
14	52032	VALVE KIT, STOPCOCK 1/4 NPT (VALVE & 1/4 NPT THREADED END CONNECTOR)	1
15	10799	BARB ELBOW 90, 3/8HOSE X 1/4MPT	1
16	10714	CLAMP, HOSE, SAE #4, ADJ. TO 5/8"	4
17	53054	HOSE, WATER 3/8"ID X 7"L	1
18	11637	COUPLING, QUICK-DISCONNECT 3/8" SPL	-
18A	-----	MALE HALF ONLY	2
18B	-----	FEMALE HALF ONLY	1
19	-----	HOSE, WATER 3/8"ID X 12"L (NOT INCLUDED W/ KIT, CUT FROM EXISTING HOSE)	1
20	10031	SCREW, CAP 1/4-20 X 1	2
21	10213	WASHER, FLAT 5/16 SAE	2
22	10861	NUT, KEPS 1/4-20	2



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 buyer 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

