E-4ECGC-PL-1008

REVISED STARTING SERIAL #081010001

# PARTS LIST MANUAL

# Models 4-EC & 4-GC



# FOUR-DISC CONCRETE FLOOR GRINDERS

SKU #	MODEL #	POWER OPTION
51500	4GC-11H	HONDA GXV340 GASOLINE ENGINE W/ DUAL ELEMENT AIR CLEANER
54400	4GC-11P	HONDA GXV340 PROPANE ENGINE W/ DUAL ELEMENT AIR CLEANER
53600	4EC-5B/230/1	BALDOR ELECTRIC MOTOR 5HP 60Hz 230V 1-PHASE 19.5 F.L. AMPS
52800-230	4EC-5B/230/3	BALDOR ELECTRIC MOTOR 5HP 60Hz 230V 3-PHASE 12 F.L. AMPS
52800-460	4EC-5B/460/3	BALDOR ELECTRIC MOTOR 5HP 60Hz 460V 3-PHASE 6 F.L. AMPS
52800-50/220	4EC-5B/50/220/3	BALDOR ELECTRIC MOTOR 5HP 50Hz 220V 3-PHASE 13 F.L. AMPS
52800-50/380	4EC-5B/50/380/3	BALDOR ELECTRIC MOTOR 5HP 50Hz 380V 3-PHASE 7.6 F.L. AMPS
52800-50/440	4EC-5B/50/440/3	BALDOR ELECTRIC MOTOR 5HP 50Hz 440V 3-PHASE 6.5 F.L. AMPS



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 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 proceeded 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.

WARNING

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



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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



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



WARNING

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.

CAUTION

- 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 4-EC & 4-GC

# **Table of Contents**

# **Section**

#### Page Number

#### HOW TO ORDER REPLACEMENT PARTS

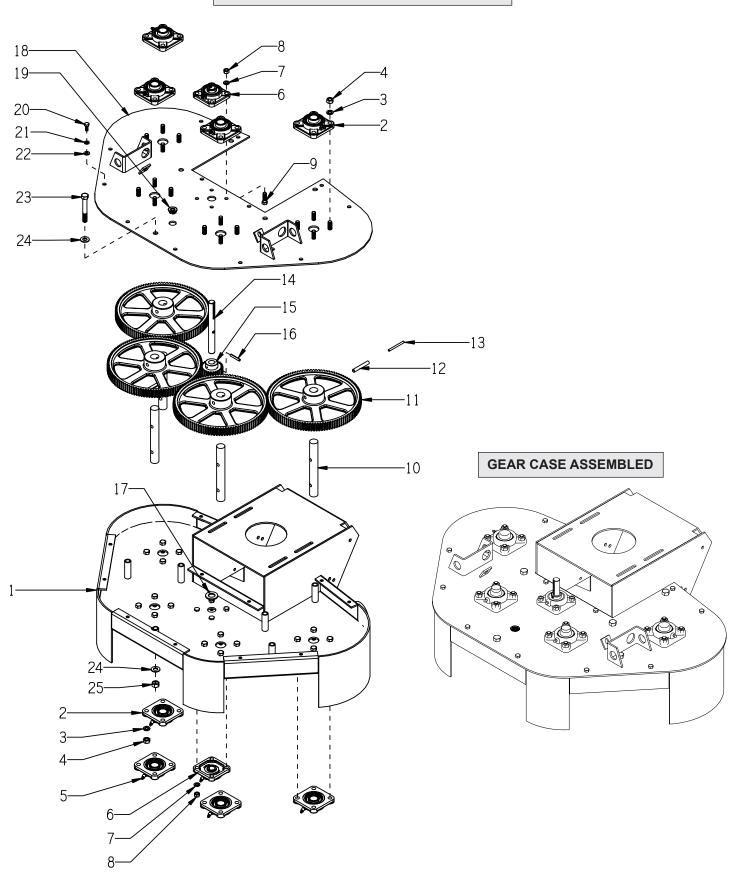
- To insure product safety and reliability, always use genuine EDCO replacement parts when making repairs to the equipment.
- When calling for parts, specify the MODEL and SERIAL number of the machine, which can be found on the NAME PLATE. Keep that information in the space provided. In addition to this 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 \_\_\_\_\_\_ Model # \_\_\_\_\_\_ Serial # \_\_\_\_\_\_

SKU # \_\_\_\_\_



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 **ILLUSTRATION 1 : GEAR CASE ASSEMBLY** 



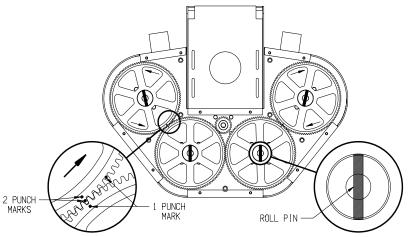


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	PARTS	LISTING - ILLUSTRATION 1 : GEAR CASE ASSEMBLY	
ITEM #	PART #	DESCRIPTION	QTY.
1	75030	MAIN FRAME	1
2	77008	BEARING, BALL 1" 4-HOLE FLANGE, ND	8
3	10450	WASHER, LOCK 7/16	32
4	10481	NUT 7/16-20	32
5	10960	FITTING, GREASE 1/4-28 X 45°	5
6	77009	BEARING, BALL 3/4" 4-HOLE FLANGE	2
7	10811	WASHER, LOCK 3/8	8
8	10014	NUT 3/8-24	8
9	10309	SCREW, CAP 3/8-24 X 1-1/4	4
10	77013	SHAFT, LARGE GEAR 1"DIA X 7-13/16"L	4
11	77012	GEAR, SPUR 112 TOOTH (DRIVEN)	4
12	10007	PIN, ROLL 3/8 X 2-1/2	4
13	63055	PIN, ROLL 7/32 X 2-1/2	4
14	77011	SHAFT, PINION GEAR 3/4DIA X 7-3/8"L	1
15	77053	GEAR, SPUR 25 TOOTH (PINION)	1
16	10037	PIN, ROLL 1/4 X 1-1/2	1
17	10009	WASHER, FLAT 3/4 SAE	1
18	75031	COVER, GEAR CASE	1
19	10005	PLUG, HOLE 7/8" (CHROME)	1
20	10806	SCREW, CAP 5/16-18 X 1	12
21	10801	WASHER, LOCK 5/16	12
22	10213	WASHER, FLAT 5/16 SAE	12
23	10324	SCREW, CAP 1/2-13 X 3-1/2	7
24	10312	WASHER, FLAT 1/2 SAE	14
25	10155	NUT, HEX NYLON LOCK 1/2-13	7

# **GEAR ALIGNMENT**



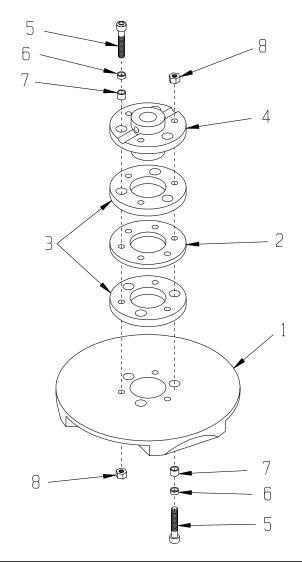
ALIGNMENT PROCEDURE:

1. POSITION THE 4 LARGE GEARS SO THE ROLL PINS POINT STRAIGHT FROM THE FRONT TO THE REAR. 2. MARK THE GEARS WITH 1 PUNCH MARK WHERE THEY MEET WITH EACH OTHER.

- 3. COUNT 4 TEETH TOWARDS THE OUTER SIDE OF THE REAR GEARS AND MARK WITH 2 PUNCH MARKS.
- 4. ROTATE THE GEARS INWARD SO THE 2 PUNCH MARKS ALIGN WITH THE 1 PUNCH MARK ON THE FRONT GEARS.



## ILLUSTRATION 2 : MULTI-ACCESSORY DISC ASSEMBLY



ITEM #	PART #	DESCRIPTION	* QTY.	
	8888	DISC ASSEMBLY COMPLETE, RIGHT-HAND (ITEMS 1 THRU 8)	2	
	9999	DISC ASSEMBLY COMPLETE, LEFT-HAND (ITEMS 1 THRU 8)	2	
1	77088 77099	MULTI-ACCESSORY DISC ONLY R.H. FOR 8888 ASSEMBLY L.H. FOR 9999 ASSEMBLY	1	
2	77020	RING, HUB CARRIER, 6-HOLE	1	
3	10112	RING, NEOPRENE, 4-1/2"OD X 1/2"THK	2	
4	77010	HUB, ALUMINUM 6-HOLE (GRINDER)	1	
5	10114	SCREW, SKT. HD. CAP 3/8-24 X 2-1/4	6	
6	10113	SPACER, STEEL 9/16OD X 3/8ID X 7/32"	6	
7	10011	SPACER, STEEL 5/8OD X 3/8ID X 3/8"	6	
8	10058	NUT, LOCK 3/8-24 W/ NYLON PATCH	6	
	*QUANTITIES FOR ITEMS 1 THRU 8 ARE PER EACH DISC ASSEMBLY 2 RIGHT-HAND & 2 LEFT HAND DISC REQUIRED PER 4-DISC GRINDER			



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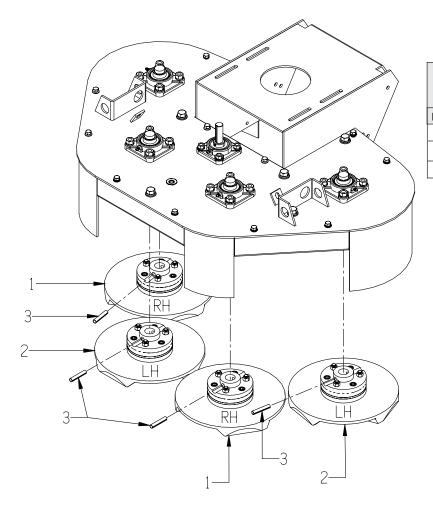
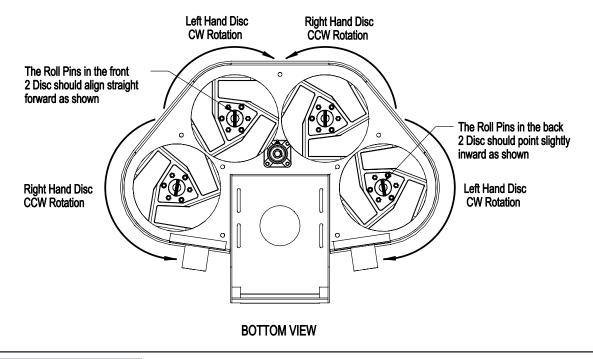


ILLUSTRATION 3 : MULTI-ACCESSORY DISC ARRANGEMENT

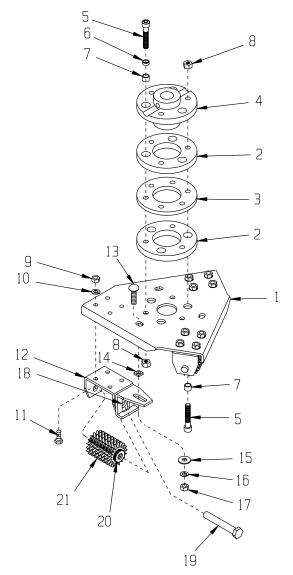
ITEM#	PART#	DESCRIPTION	QTY.
1	8888	MULTI-ACCY. DISC ASSEMBLY, RH	2
2	9999	MULTI-ACCY. DISC ASSEMLBY, LH	2
3	10063	PIN, ROLL 3/8 X 2	4

# INSTALL THE DISC IN THE ORIENTATION AS SHOWN BELOW





# **ILLUSTRATION 4 : OPTIONAL SURFACER DISC ASSEMBLY**

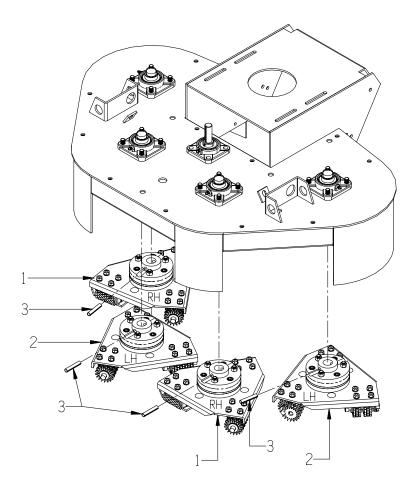


ITEM #	PART #	DESCRIPTION	*QTY.	ITEM #	PART #	DESCRIPTION	*QTY.		
		DISC ASSEMBLY COMPLETE, R.H.		· · · · · · · · · · · · · · · · · · ·	2	10	10801	WASHER, LOCK 5/16	12
	2222 2222C	W/ STEEL CUTTERS. W/ CARBIDE CUTTERS		11	10048	SCREW, CAP 5/16-24 X 3/4	12		
	-	DISC ASSEMBLY COMPLETE, L.H.	2	12	77074	HOLDER, CUTTER SHAFT	3		
	3333	W/ STEEL CUTTERS		13	10802	BOLT, CARRIAGE 3/8-16 X 1	3		
	3333C	W/ CARBIDE CUTTERS		14	10089	CLIP, SPEED NUT 3/8	3		
1	77122	DISC ONLY, SURFACER RIGHT HAND DISC	2	15	10025	WASHER, FLAT 3/8 SAE	3		
	77133	LEFT HAND DISC	2	16	10811	WASHER, LOCK 3/8	3		
2	10112	RING, NEOPRENE 4-1/2"OD X 1/2"THK	2	17	10404	NUT 3/8-16	3		
3	77020	RING, HUB CARRIER, 6-HOLE	1	18	77075	RETAINER, CUTTER SHAFT	3		
4	77010T	HUB, CAST IRON, 6-HOLE	1	19	77048	CG226 CUTTER SHAFT 1/2 X 3-1/4	3		
5	10114	SCREW, SKT. HD. CAP 3/8-24 X 2-1/4	6	20	12230	CG227 SPACER 1/2"ID	33		
6	10113	SPACER, STL. 9/16OD X 3/8ID X 7/32	3	21		CUTTERWHEEL			
7	10011	SPACER, STL. 5/80D X 3/8ID X 3/8	6		12206 20156	JRS501P 2" POINTED STEEL CP206T 1-3/4" 6-POINT CARBIDE	24 18		
8	10058	NUT, LOCK 3/8-24 W/ NYLON PATCH	6	*QUAN	TITIES FOR	I ITEMS 2 THRU 21 ARE PER EACH DISC AS	SEMBLY		
9	10054	NUT 5/16-18	12			2 LEFT HAND DISC REQD. PER 4-DISC GR			



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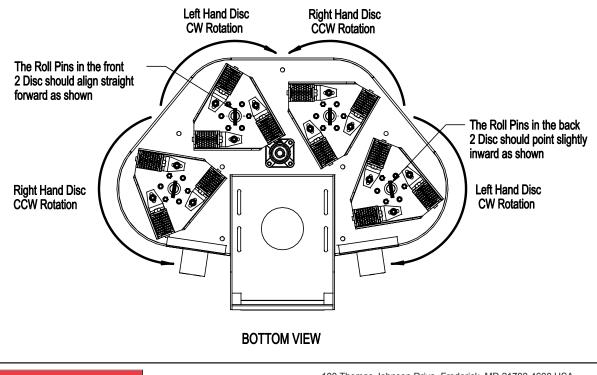
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# ILLUSTRATION 5 : OPTIONAL SURFACER DISC ARRANGEMENT

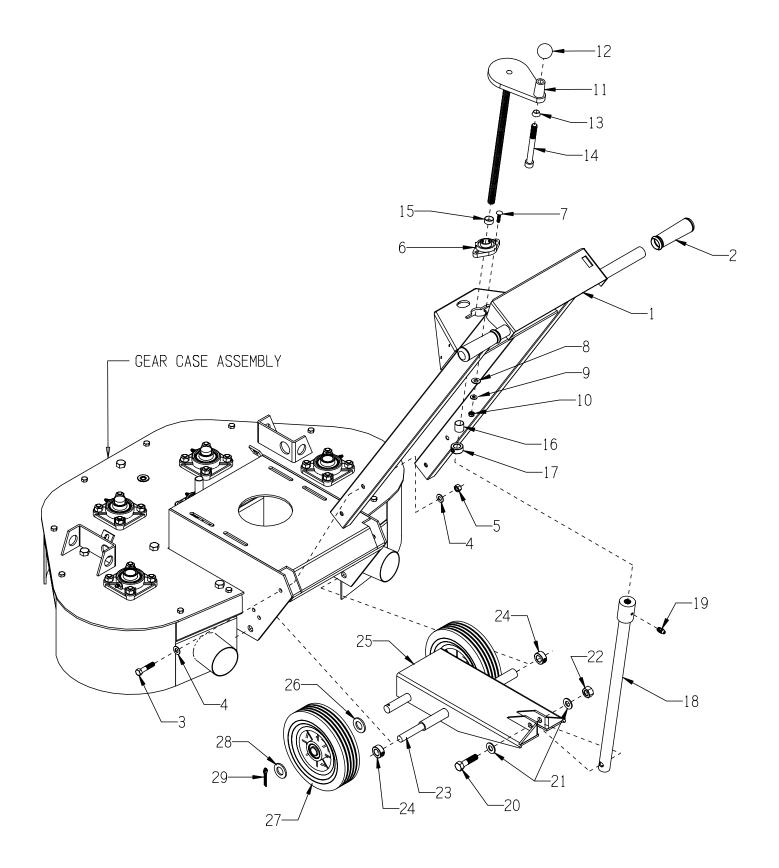
ITEM#	PART#	DESCRIPTION	QTY.		
1	*2222	SURFACER DISC ASSEMBLY, RH	2		
2	*3333	SURFACER DISC ASSEMBLY, LH	2		
3	10063	PIN, ROLL 3/8 X 2	4		
* THESE PART NUMBERS ARE FOR THE ASSEMBLIES					
WITH STEEL CUTTERS. USE PART NUMBER 2222C AND					
3333C FOR THE DISC WITH CARBIDE CUTTERS.					

# INSTALL THE DISC IN THE ORIENTATION AS SHOWN BELOW





#### ILLUSTRATION 6: HANDLE AND FORK GROUPING



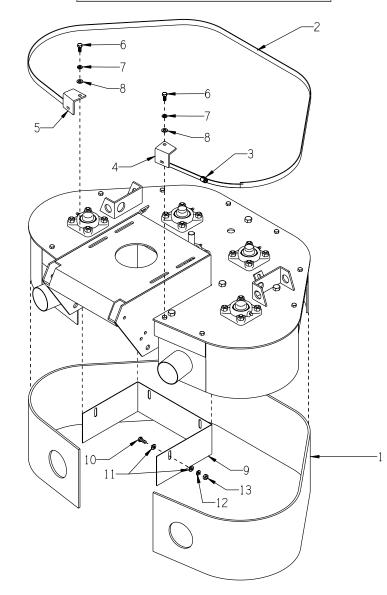


	PARTS LIS	TING - ILLUSTRATION 6 : HANDLE AND FORK GROUPING	
ITEM #	PART #	DESCRIPTION	QTY.
1	75005	HANDLE BAR	1
2	10608	GRIP, HAND 1" MODEL AT	2
3	10029	SCREW, CAP 3/8-24 X 1-3/4	4
4	10025	WASHER, FLAT 3/8 SAE	8
5	10004	NUT, LOCK 3/8-24	8
6	80009	BEARING, BALL 5/8" 2-HOLE (NO G.F.)	1
7	10412	BOLT, CARRIAGE 1/4-20 X 1	2
8	10213	WASHER, FLAT 5/16 SAE	2
9	10602	WASHER, FLAT 1/4 SAE	2
10	10861	NUT, KEPS 1/4-20	2
11	75004	HANDWHEEL, LARGE W/ 5/8-8 X 16"ROD	1
12	14023	KNOB, BALL 1-3/8 W/ 1/2-13THD, BLK.	1
13	50550	SLEEVE FOR 1/2" CAPSCREW, TAPERED	1
14	10346	SCREW, SKT. HD. CAP 1/2-13 X 4-1/2	1
15	75012	SPACER, HANDWHEEL 5/8"ID X 3/8"L	1
16	55010	SPACER, HANDWHEEL 5/8"ID X 3/4"L	1
17	10096	COLLAR, LOCKING 5/8"	1
18	75006	LINKAGE, CUT CONTROL LOWER	1
19	10808	FITTING, GREASE 1/4-28 STRAIGHT	1
20	10322	SCREW, CAP 1/2-20 X 2	1
21	10312	WASHER, FLAT 1/2 SAE	2
22	10205	NUT, LOCK 1/2-20	1
23	75032	SHAFT, FORK PIVOT 5/8 X 13-3/4	1
24	10096	COLLAR, LOCKING 5/8"	2
25	75007	FORK	1
26	10009	WASHER, FLAT 3/4 SAE	2
27	79013	WHEEL 8 X 2-1/2 X 3/4"BRG	2
28	11597	WASHER .755"ID X 1.25"OD X .060"THK	2
29	10306	PIN, COTTER 3/16 X 1-1/2	2



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**ILLUSTRATION 7: SKIRT GROUPING** 



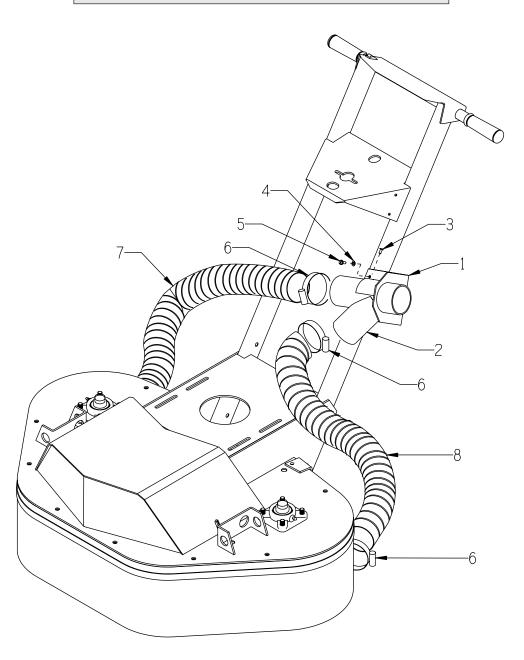
ITEM #	PART #	DESCRIPTION	QTY.
1	75033	RUBBER SKIRT 8-1/2 x 90-1/2	1
2	75122	BAND 76", FRONT	1
3	75144	CLAMP, MODIFIED SAE#200	1
4	75121	BRACKET, SKIRT RIGHT BAND	1
5	75120	BRACKET, SKIRT LEFT BAND	1
6	10806	SCREW, CAP 5/16-18 X 1	2
7	10801	WASHER, LOCK 5/16	2
8	10213	WASHER, FLAT 5/16 SAE	2
9	75011	PANEL, CENTER SKIRT	1
10	10053	SCREW, CAP 5/16-18 X 3/4	4
11	10213	WASHER, FLAT 5/16 SAE	8
12	10801	WASHER, LOCK 5/16	4
13	10054	NUT 5/16-18	4



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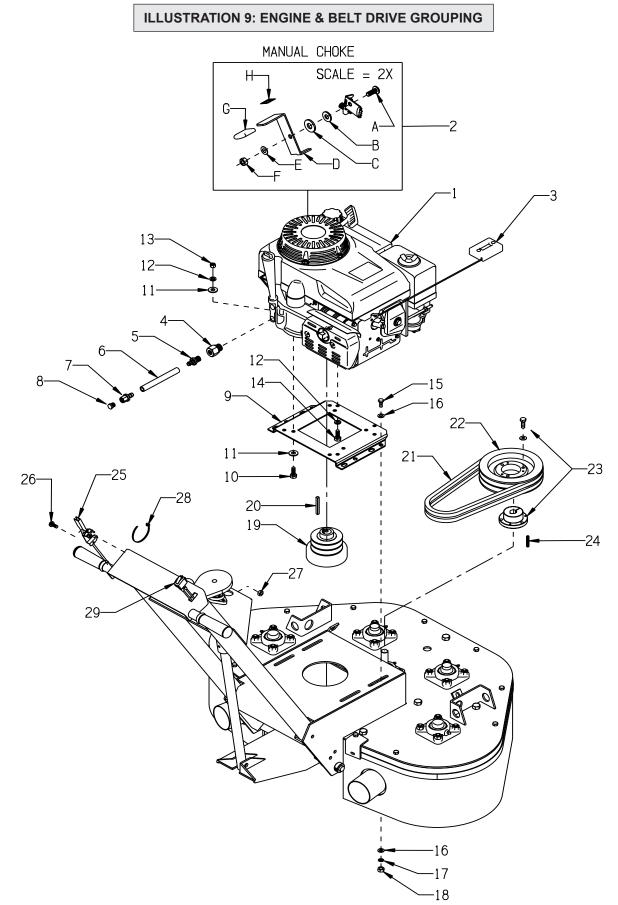
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#### **ILLUSTRATION 8 : VACUUM PORT & HOSE GROUPING**



ITEM #	PART #	DESCRIPTION	QTY.
1	75017	MOUNT BRKT., Y-FITTING	1
2	75018	FITTING, 3" Y	1
3	12113	RIVET, BLIND 3/16 X .440"L X .375HD	2
4	10038	WASHER, LOCK 1/4 SAE	2
5	10846	SCREW, CAP STSHW 1/4-20 X 1/2	2
6	10849	CLAMP, HOSE, SAE #52, ADJ. TO 3-3/4	4
7	75023	HOSE, FLEX 3"ID X 24"L	1
8	75022	HOSE, FLEX 3"ID X 36"L	1







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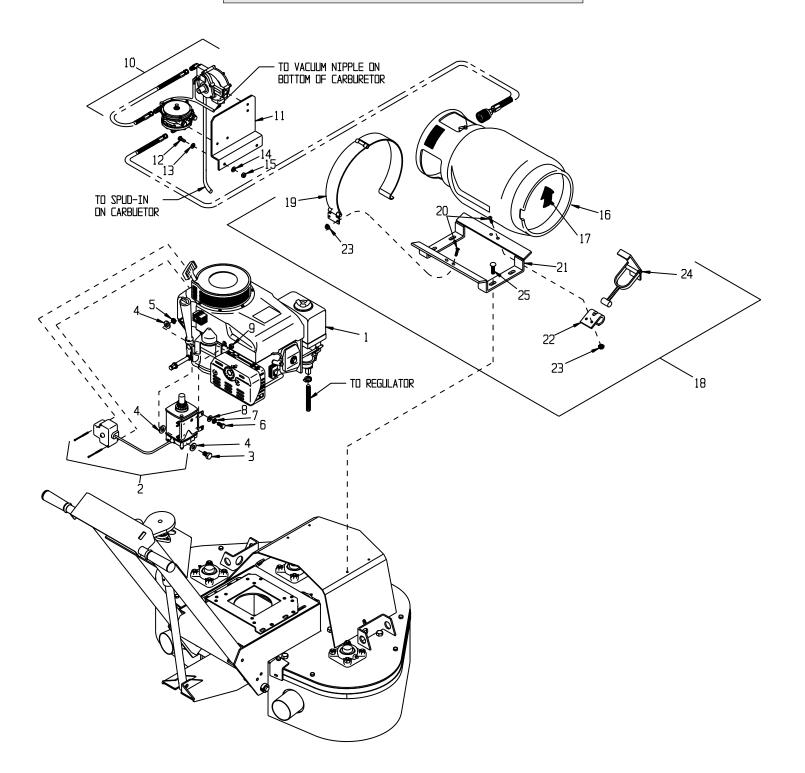
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	PARTS LIST	ING - ILLUSTRATION 9 : ENGINE & BELT DRIVE GROUPING	
ITEM #	PART #	DESCRIPTION	QTY.
1	76004	ENGINE, HONDA GXV340UT2-DX3 WITH STANDARD DUAL ELEMENT AIR CLEANER	1
2	15190	MANUAL CHOKE KIT FOR HONDA GXV340	1
2-A	15185	SCREW, MACHINE M6 X 16MM PHILLIP HD	1
2-B	15188	WASHER .265"ID,.50"OD,.029035"THK	1
2-C	15187	WASHER, FIBER .75 X .25 X .093	1
2-D	15183	LEVER, CHOKE CONTROL, GXV340	1
2-E	15186	WASHER, BELLEVILE .500 X.255 X.018	1
2-F	28026	NUT, HEX NYLON LOCK M6 X 1MM	1
2-G	15184	CAP, FLAT RED .062 X .75 X 1	1
2-H	91301	DECAL, CHOKE 5/8 X 5/8	1
3	15138	METER, HOUR, REDINGTON INDUCTIVE (OPTIONAL)	1
4	11689	ADAPTER, 20MM X 1.5 TO 1/4FPT	1
5	10657	BARB, PUSH-ON 3/8HOSE X 1/4MPT	1
6	52121	HOSE, PUSH-ON 3/8"ID X 5-1/2"L	1
7	11544	BARB, PUSH-ON 3/8 HOSE X 1/4FPT	1
8	10776	PIPE PLUG 1/4 NPT (BRASS)	1
9	76023A	MOUNT, ENGINE	1
10	10342	SCREW, CAP 5/16-18 X 1-1/2	2
11	10213	WASHER, FLAT 5/16 SAE	4
12	10801	WASHER, LOCK 5/16	4
13	10054	NUT 5/16-18	2
14	10048	SCREW, CAP 5/16-24 X 3/4	2
15	10021	SCREW, CAP 3/8-24 X 1	4
16	10025	WASHER, FLAT 3/8 SAE	8
17	10811	WASHER, LOCK 3/8	4
18	10014	NUT 3/8-24	4
19	76024	CLUTCH, CENTRIFUGAL 3.5 X 2GR X 1	1
20		KEY 1/4"SQ. (INCLUDED W/ ENGINE)	1
21	80025	BELT BX-32 COG	2
22	75010	SHEAVE 6.9"OD X 2GR.B X SDS	1
23	10036	BUSHING, SHEAVE SDS X 3/4"BORE	1
24	10016	KEY 3/16SQ X 1-1/2	1
25	3611	CABLE, THROTTLE, LEVER-TYPE 54"	1
26	10830	SCREW, MACHINE 10-32 X 1/2	2
27	10832	NUT, KEPS 10-32	2
28	10982	TIE, CABLE, BLACK NYLON 11-1/4"	2
29	15201A	SWITCH W/ WIRES, ROCKER RED ON-OFF	1
<u> </u>			



E-4ECGC-PL-1008

#### **ILLUSTRATION 10: OPTIONAL PROPANE GROUPING**

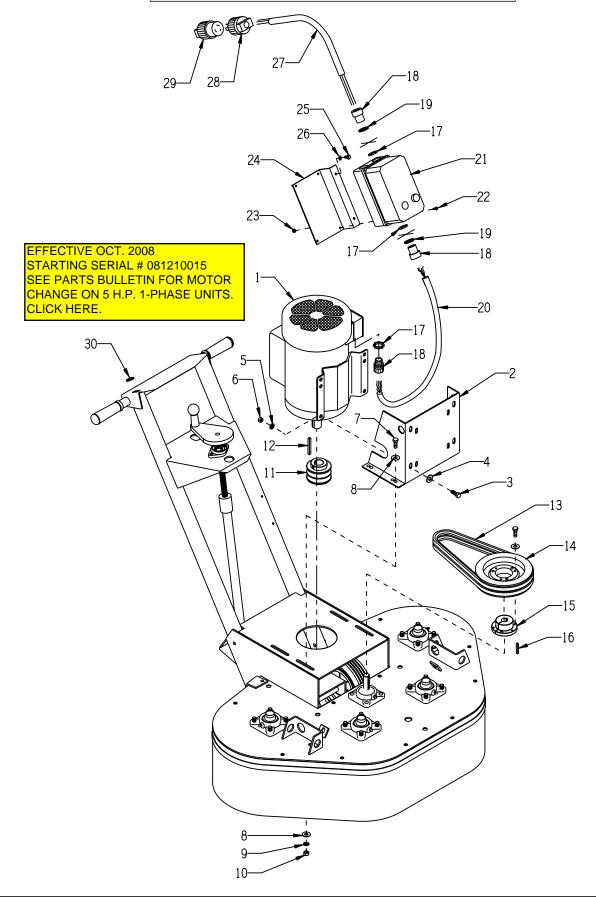




	PARTS LIST	ING - ILLUSTRATION 10: OPTIONAL PROPANE GROUPING	
ITEM #	PART #	DESCRIPTION	QTY.
1	15012	ENGINE, HONDA GXV340T2-DP23 PROPANE	1
2	15126	STARTER KIT, ELECTRIC 120 VOLT AC	1
3	10031	SCREW, CAP 1/4-20 X 1	2
4	10602	WASHER, FLAT 1/4 SAE	6
5	10861	NUT, KEPS 1/4-20	2
6	77262	SCREW, CAP M6 X 1.0P X 18MM	2
7	10038	WASHER, LOCK 1/4	2
8	10602	WASHER, FLAT 1/4 SAE	2
9	77251	NUT M6 X 1.0MM PITCH	2
10	15102	VAPOR KIT FOR HONDA GXV340T2-DP23 KIT INCLUDES: DRY-GAS REGULATOR, VACUUM FUELOCK-FILTER, FITTINGS, HOSES, CLAMPS, AND PLASTIC TIE WRAPS	1
11	75021	BRKT., PROP. REG./FUEL-LOCK FILTER	1
12	10806	SCREW, CAP 5/16-18 X 1	2
13	10213	WASHER, FLAT 5/16 SAE	2
14	10801	WASHER, LOCK 5/16	2
15	10054	NUT 5/16-18	2
16	15130	PROPANE TANK 20LB. HORZ.	1
17	91122	DECAL, ARROW, RED, 3 X 3	1
18	77061	PROPANE TANK MOUNT COMPLETE (INCLUDES ITEMS 19 - 24)	1
19	77061-2	PROPANE TANK STRAP W/ HINGE	1
20	11661	SCREW, FLAT HD SLT 1/4-20 X 1	2
21	77061-1	PROPANE TANK CRADLE BRACKET ONLY	1
22	77061-3	PROPANE TANK CLAW BRACKET	1
23	10861	NUT, KEPS 1/4-20	2
24	77061-4	PROPANE TANK TOGGLE CLAMP	1
25	10802	BOLT, CARRIAGE 3/8-16 X 1 FULL THD.	4
26	10025	WASHER, FLAT 3/8 SAE (NOT SHOWN)	4
27	10811	WASHER, LOCK 3/8 (NOT SHOWN)	4
28	10404	NUT 3/8-16 (NOT SHOWN)	4



## ILLUSTRATION 11: MOTOR & BELT DRIVE GROUPING

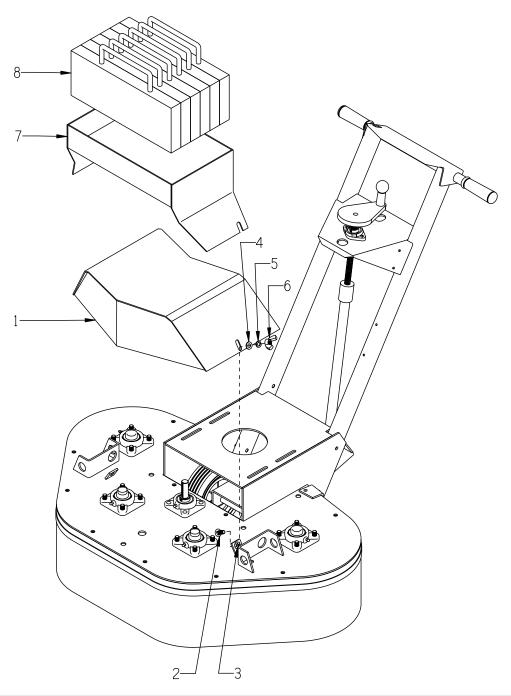




	PARTS LISTI	NG - ILLUSTRATION 11 : MOTOR & BELT DRIVE GROUPING	
ITEM #	PART #	DESCRIPTION	QTY.
1	81026 16164 16121 81022	MOTOR, BALDOR 5HP-1PH 60HZ 230V 3450RPM (REPLACEMENT CAPACITORS BELOW) REPLACEMENT RUN CAPACITOR 40MFD 370V (1 REQ'D.) REPLACEMENT START CAPACITOR 161-193MFD 250V (2 REQ'D.) 5HP-3PH 60HZ 230/460V 3450RPM	1
	16020	5HP-3PH 50HZ 220/380/440V 2850RPM	
2	77037	MOUNT, MOTOR	1
3	10021	SCREW, CAP 3/8-24 X 1	4
4	10025	WASHER, FLAT 3/8 SAE	8
5	10811	WASHER, LOCK 3/8	4
6	10014	NUT 3/8-24	4
7	10021	SCREW, CAP 3/8-24 X 1	4
8	10025	WASHER, FLAT 3/8 SAE	8
9	10811	WASHER, LOCK 3/8	4
10	10014	NUT 3/8-24	4
11	79023	SHEAVE 3"OD X 2GR.B X 1-1/8"BORE	1
12		KEY 1/4"SQ (INCLUDED W/ MOTOR)	1
13	10035	BELT 5L-330	2
14	75010	SHEAVE 6.9"OD X 2GR.B X SDS	1
15	10036	BUSHING, SHEAVE SDS X 3/4"BORE	1
16	10016	KEY 3/16SQ X 1-1/2	1
17	10740	CONDUIT LOCK NUT 3/4 NP	3
18	10959	STRAIN RELIEF 3/4 NPT X .550650"	3
19	77081	WASHER, FLAT 1-1/2 X 1-1/16 X .06	2
20	86024 86023	WIRE HARNESS WIRE HARNESS 10/3 X 42"LOA (1-PHASE UNITS) WIRE HARNESS 12/4 X 42"LOA (3-PHASE UNITS)	1
21	16410 16460 16406 16405 16482	STARTER 11-M1-BRF-P30-26-23060 (1-PHASE, 60HZ, 230V UNITS) 11-M1-BRF-P23-15-23060 (3-PHASE, 60HZ, 230V UNITS) 11-M1-BRF-P14-10-46060 (3-PHASE, 50/60HZ, 440/460V UNITS) 11-M1-BRF-P23-23-23060 (3-PHASE, 50HZ, 220V UNITS) 11-M1-BRF-P14-10-38050 (3-PHASE, 50HZ, 380V UNITS)	1
22	10362	SCREW, MACHINE 8-32 X 3/4	4
23	10462	NUT, KEPS 8-32	4
24	86027	MOUNTING BRKT., LOVATO M1 STARTER	1
25	10846	SCREW, CAP STSHW 1/4-20 X 1/2	2
26	10038	WASHER, LOCK 1/4	2
27	86026 86022	WIRE HARNESS WIRE HARNESS 10/3 X 24"LOA (1-PHASE UNITS) WIRE HARNESS 12/4 X 24"LOA (3-PHASE UNITS)	1
*28	40037	PLUG, LOCKING 20A/250V L6-20P	1
*29	40000	CONNECTOR, LOCKING 20A/250V L6-20R	1
30	15204	PLUG, RECT. HOLE, PLASTIC SNAP-IN	1
* PLUG	& CONNECTOR	(ITEMS 28 & 29) ARE NOT INCLUDED WITH 3-PHASE UNITS	



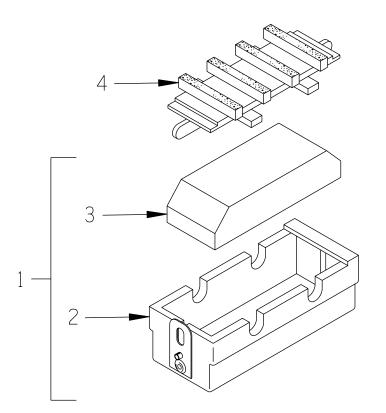
## ILLUSTRATION 12: HOOD, OPTIONAL WEIGHT TRAY & WEIGHT BLOCKS

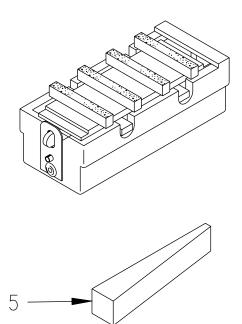


ITEM #	PART #	DESCRIPTION	QTY.
1	75001	HOOD	1
2	10802	BOLT, CARRIAGE 3/8-16 X 1 FULL THD.	2
3	10468	NUT, PUSH 3/8" (RETAINING CLIP)	2
4	10025	WASHER, FLAT 3/8 SAE	2
5	10811	WASHER, LOCK 3/8	2
6	10903	NUT, WING 3/8-16	2
7	75050	WT-2 WEIGHT HOLDING TRAY (OPTIONAL)	1
8	77506	WEIGHT BLOCK, 40 LB. (OPTIONAL)	6



# ILLUSTRATION 13 : DYMA-SERT™ ACCESSORY

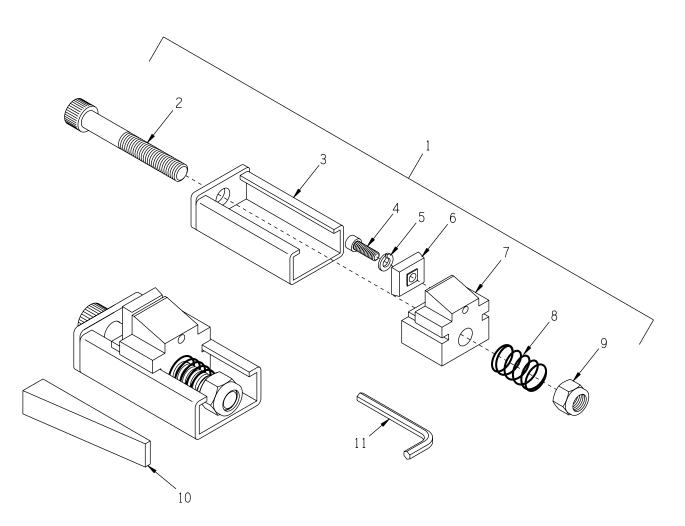




ITEM #	PART #	DESCRIPTION	*QTY.	
1	19120	CG221D DYMA-SERT HOLDING CASE W/PAD (ITEMS 2 AND 3)	12	
2	19121	DYMA-SERT HOLDING CASE (INCLUDES CLIP & RIVET)	1	
3	19140	RUBBER SHOCK PAD, DYMA-SERT	1	
4	 19110 19130 19180 19250 19260 19270	DYMA-SERT ASSEMBLY (SOLD SEPARATLY) EG-1X, 30-40 GRIT (GENERAL PURPOSE) EG-2X, 30-40 GRIT (ABRASIVE CONCRETE) EG-3X, 30-40 GRIT (EPOXY MORTARS) EG-5X, 50 GRIT (TERRAZZO) EG-7X, 80 GRIT (TERRAZZO) EG-9X, 120 GRIT (TERRAZZO)	12	
5	12160	WEDGE CG225, HARDWOOD	12	
* QUANTITIES FOR ITEMS 1, 4, AND 5 ARE PER 4-DISC GRINDER QUANTIES FOR ITEMS 2 & 3 ARE PER EACH DYMA-SERT ACCESSORY				



#### ILLUSTRATION 14 : STRIP-SERT™ ACCESSORY

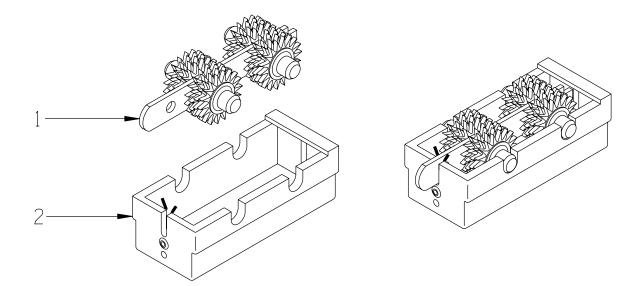


ITEM #	PART #	DESCRIPTION	*QTY.
1	12400 12401	STRIP-SERT ASSEMBLY ASSEMBLY WITH PRO TUNGSERT (ITEMS 2 THRU 9) ASSEMBLY WITHOUT PRO TUNGSERT, ITEM 6	12
2	12405	SCREW, SKT.HD.CAP 1/2-13 X 3.5,GR.5	1
3	12404	TUNGSERT HOLDER BOX, STRIP-SERT	1
4	11573	SCREW, SKT. HD. CAP 1/4-20 X 3/4	1
5	11688	WASHER, HI-COLLAR LOCK .26ID X .363	1
6 or	12402 12407	PRO TUNGSERT, 4 SIDED CARBIDE PRO TUNGSERT PACKAGE (SIX OF ITEMS 4, 5, 6 & ONE OF ITEM 11)	1
7	12403	TUNGSERT BLOCK, STRIP-SERT	1
8	12406	SPRING, COMP765"OD X 1.25"FL	1
9	10155	NUT, HEX NYLON LOCK 1/2-13	1
10	12160	WEDGE CG225, HARDWOOD	1
11	12413	WRENCH, HEX L-KEY 3/16", SHORT-ARM	1
	QUANTIE	* QUANTITIES FOR ITEM 1, IS PER 4-DISC GRINDER S FOR ITEMS 2 THRU 9 ARE PER EACH STRIP-SERT ACCESSORY	



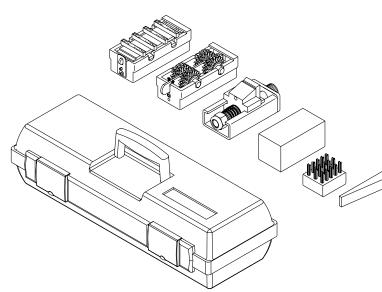
E-4ECGC-PL-1008

#### **ILLUSTRATION 15 : SCARIFIER ACCESSORY**



ITEM #	PART #	DESCRIPTION	*QTY.
1	12120 12130	THROW-A-WAY SCRAIFIER CG222 TAW SCARIFIER, STANDARD CG223 TAW SCARIFIER, HEAVY DUTY	12
2	12114	CG221 SCARIFIER HOLDING CASE	12
		* QUANTITIES ARE PER 4-DISC GRINDER	

## ILLUSTRATION 16 : OTHER ACCESSORIES

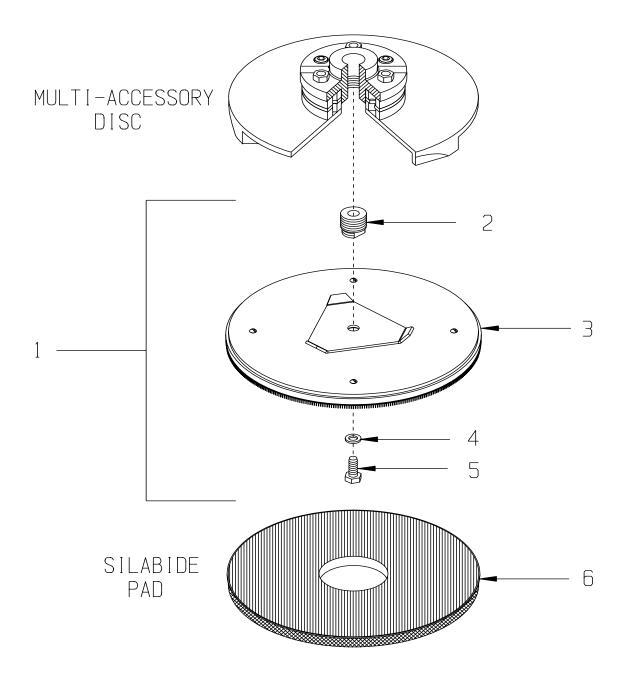


GRINDING STONES, WIRE BRUSHES, SILABIDE PADS, START-UP PACKS AND OTHER ACCESSORIES ARE AVAILABLE. REFER TO PRICE LIST CATALOG OR CALL YOUR LOCAL EDCO REPRESENTATIVE FOR MORE INFORMATION.

SEE ILLUSTRATION 18 FOR OPTIONAL PAD DRIVER FOR THE SILABIDE PADS.



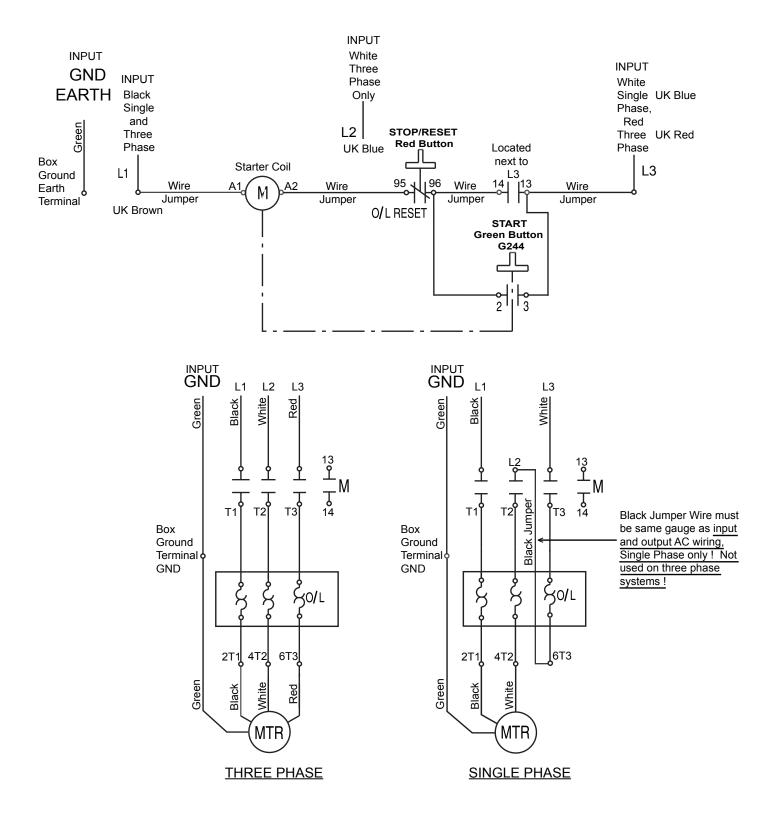
#### ILLUSTRATION 17: OPTIONAL PAD DRIVER DISC ASSEMBLY



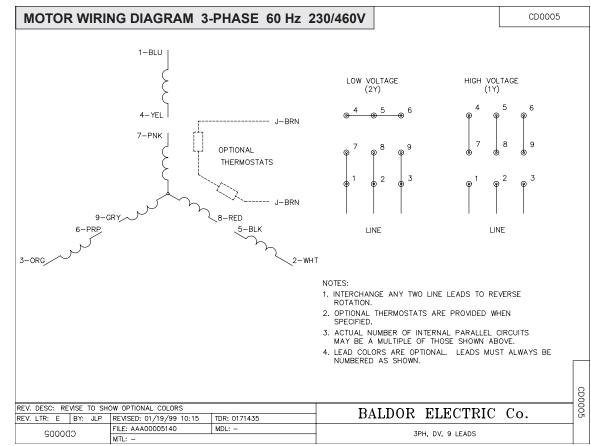
ITEM #	PART #	DESCRIPTION	*QTY.
1	76040	PAD DRIVER DISC ASSEMBLY (INCLUDES ITEMS 2 THRU 5)	4
2	76042	HUB STUD, PAD DRIVER (GRINDER)	1
3	76041	DISC ONLY 11", PAD DRIVER	1
4	10312	WASHER, FLAT 1/2 SAE	1
5	10304	SCREW, CAP 1/2-20 X 1	1
6	13013	SILABIDE PAD, 11" MEDIUM (NOT INCLUDED W/ ASSEMBLY)	4
		TITIES FOR ITEMS 2 THRU 5 ARE PER EACH DISC ASSEMBLY JANTITIES FOR ITEMS 1 AND 6 ARE PER 4-DISC GRINDER	

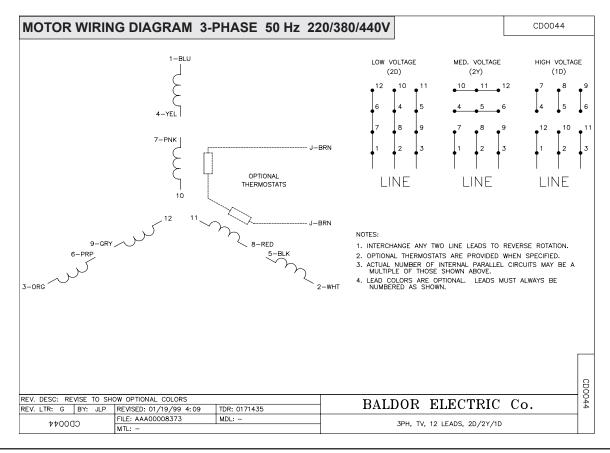


#### STARTER BOX WIRING DIAGRAM











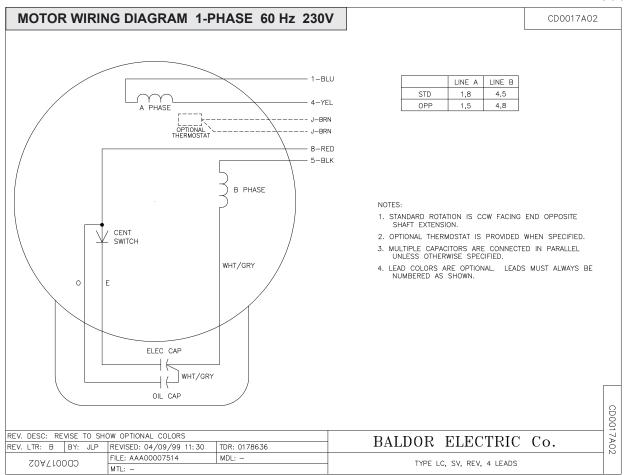
100 Thomas Johnson Drive, Frederick, MD 21702-4600 USA Phone (301) 663-1600 • 1-800-638-3326 Fax (301) 663-1607 • 1-800-447-3326 Website: www.edcoinc.com Email: sales@edcoinc.com

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#### E-4ECGC-PL-1008





Record here any repairs or changes made to the Grinder



#### LIMITED EQUIPMENT WARRANTY OF SALE - TERMS & CONDITIONS

Equipment Development Company, Inc. herein referred to as EDCO (Seller) 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 for 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.

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

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.

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.

This warranty is in lieu of and excludes all other warranties, expressed, implied, statutory, or otherwise created under applicable law including, but not limited to the warranty of merchantability and the warranty of fitness for a particular purpose in no event shall seller or the manufacturer of the product be liable for special, incidental, or consequential damages, including loss of profits, whether or not caused by or resulting from the negligence of seller and/or the manufacturer of the product unless specifically provided herein. In addition, this warranty shall not apply to any products or portions there of which have been subjected to abuse, misuse, improper installation, maintenance, or operation, electrical failure or abnormal conditions and to products which have been tampered with, altered, modified, repaired, reworked by anyone not approved by seller or used in any manner inconsistent with the provisions of the above or any instructions or specifications provided with or for the product

#### FORCE MAJEURE

Seller's obligation hereunder are subject to, and Seller shall not be held responsible for, any delay or failure to make delivery of all or any part of the Product due to labor difficulties, fires, casualties, accidents, acts of the elements, acts of God, transportation difficulties, delays by a common carrier, inability to obtain Product, materials or components or qualified labor sufficient to timely perform part of or all of the obligations contained in these terms and conditions, governmental regulations or actions, strikes, damage to or destruction in whole or part of manufacturing plant, riots, terrorist attacks or incidents, civil commotions, warlike conditions, flood , tidal waves, typhoon, hurricane, earthquake, lightning, explosion or any other causes, contingencies or circumstances within or without the United States not subject to the Seller's control which prevent or hinder the manufacture or delivery of the Products or make the fulfillment of these terms and conditions impracticable. In the event of the occurrence of any of the foregoing, at the option of Seller, Seller shall be excused from the performance under these Terms and Conditions, or the performance of the Seller shall be correspondingly extended.

This document sets forth the terms and conditions pursuant to which the purchaser ("Purchaser") will purchase and Equipment Development Co.Inc. ("Seller") will sell the products, accessories, attachments (collectively the Products ") ordered by the Purchaser. These terms and conditions shall govern and apply to the sale of Seller's Products to Purchaser, regardless of any terms and conditions appearing on any purchase order or other forms submitted by Purchaser to Seller, or the inconsistency of any terms therein and herein.

#### 1. PRICE

All prices set forth on any purchase order or other document are F.O.B. Sellers facility or distribution point, as may be determined by Seller (F.O.B.Point). All prices are exclusive of any and all taxes, including, but not limited to, excise, sales, use, property or transportation taxes related to the sale or use of the Products, now or hereafter imposed, together with all penalties and expenses. Purchaser shall be responsible for collecting and/or paying any and all such taxes, whether or not they are stated in any invoice for the Products. Unless otherwise specified herein, all prices are exclusive of inland transportation, freight, insurance and other costs and expenses relating to the shipment of the Products from the F.O.B. point to Purchaser's facility. Any prepayment by Seller of freight insurance and other costs shall be for the account of Purchaser and shall be repaid to Seller.

#### 2. PAYMENT TERMS

Payment terms are as follows. 2% 10 days (to approved and qualified accounts). Net 30 days. This is a cash discount for invoices paid within 10 days after the invoice date, regardless of date of receipt of shipment. This is not a trade discount and will not be granted to accounts that do not adhere to stated terms.

\*All past due accounts are subject to a late payment fee of 1.5% per month or a maximum allowed by law if different, along with the expenses incidental to collection including reasonable attorney's fees and costs.

\*Seller reserves the right to hold shipments against past due accounts.

\*Seller reserves the right to alter payment terms.

#### 3. FREIGHT TERMS

All shipments will be made F.O.B. shipping point as designated in these Terms and Conditions, and title shall pass at the F.O.B. point. Delivery to the initial common carrier shall constitute delivery to the Purchaser. Any claims for loss or damage during shipment are to be filed with carrier by the Purchaser. Seller will not assume responsibility for the performance of the carrier.

Back orders will be shipped in the most practical fashion with charges consistent with our freight policy established with the original order. UPS, FED EX, MAIL or shipments by other couriers are subject to the same terms and conditions as outlined in paragraph #3"Freight Terms".

#### 4. DELIVERY, DAMAGES, SHORTAGES

Seller shall use reasonable efforts to attempt to cause the Products to be delivered as provided for in these Terms & Conditions. Delivery to the initial common carrier shall constitute the delivery to the Purchaser. Sellers responsibility, in so far as transportation risks are concerned ceases upon the delivery of the Products in good condition to such carrier at the F.O.B. point and all the Products shall be shipped at the Purchaser's risk. Seller shall not be responsible or liable for any loss of income and/or profits, or incidental, special, consequential damages resulting from Seller's delayed performance in shipment and delivery.

#### 5. RETURN OF DEFECTIVE PRODUCTS

Defective or failed material shall be held at the Purchaser's premises until authorization has been granted by Seller to return or dispose of Products. Products that are to be returned for final inspection must be returned Freight Prepaid in the most economical way. Credit will be issued for material found to be defective upon Seller's inspection based on prices at time of purchase.

#### 6. PRODUCTS ORDERED IN ERROR

Products may be returned, provided that claim is made and Seller is notified within 7 days of receipt of Products, and the Products are in original buyer's possession not more than 30 days prior to return, subject to Seller's approval. If Products are accepted for return, they must be Freight Prepaid and buyer will be charged a minimum of 15% rehandling charge, plus a charge back for outbound freight charges if the original order was shipped prepaid. Returns are not accepted for any Products that are specifically manufactured to meet the buyer's requirement of either specifications or quantity.

#### AGREEMENTS

These Terms and Conditions constitute the entire agreement between Seller and Purchaser as it relates to terms and conditions of sale, and supersedes any and all prior oral or written agreements, correspondence, quotations or understandings heretofore in force between the parties relating to the subject matter hereof. There are no agreements between Seller and Purchaser with respect to the Product herein except those specifically set forth in and made part of these terms and conditions. Any additional terms, conditions and/or prices are rejected by Seller.

These terms and conditions may be modified, cancelled or rescinded only by a written agreement of both parties executed by their duly authorized agents.

USE ONLY GENUINE CONTRX PARTS & ACCESSORIES For your own safety, the safety of others and the life of your machine.

Equipment Development Company, Inc.

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EDCO. ELNRgSystems





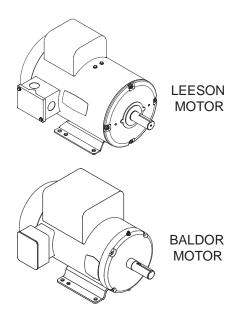
# MOTOR TYPE CHANGE ON 5 H.P. 1-PHASE ELECTRIC EQUIPMENT EFFECTIVE OCT. 2008, STARTING W/ S/N 081010202

Leeson Motor (Cat. No. 131549) replaces Baldor (Cat. No. L3608T) on the following Equipment:

CPM8 Scarifier/Planer TG10 Turbo Grinder 4EC Concrete Floor Grinder DS18 Walk Behind Saw SB14 Walk Behind Saw C10 Crack Saw MS20 Masonry Saw

The Model Suffix for this Power Option will be 5L/230/1 (5HP Leeson/230 Volt/Single Phase). Example: CPM8-5L/230/1

SPECIFICATION CHART					
	LEESON	BALDOR			
	Cat. No. 131549	Cat. No. L3608T			
Part Number	16069	81026			
Horse Power	5	5			
Phase	1	1			
Hertz	60	60			
Volts	230	230			
Full Load Amps	19.8	19.5			
RPM	3500	3450			
Frame	184T	184T			
Shaft	1-1/8"	1-1/8"			
Weight	93 Lbs.	86 Lbs.			



REPLACEMENT CAPACITORS FOR LEESON MOTOR: PART # 16521 - START CAPACITOR, LEESON 003049.04 390MFD 250V PART # 16522 - RUN CAPACITOR, LEESON 003050.05 45MFD 370V

See the reverse side of this page for the Wiring Diagrams for these Motors.

	VIEW FROM OUTSIDE OF MOTOR	AT SWITCH END						005018-0	01
	VIEW PROM OUTSIDE OF MOTOR	AT SHITCH END.					LINE LEADS		
						Luttur-		T1	
					T5 T1 T4 T8	{s		T8	
								9	
						ROTATION FACING LEAD END		:)	
						ROTATION	e	L2 14,15	
* THI	S LEAD MAY BE WHITE					ROTATION FACING LEAD END			
* THI 1	S LEAD MAY BE WHITE		11	LISANCIS SPECIFICI		ROTATION FACING LEAD END C.C.W. C.W.	L1 T1,T8 T1,T5	T4,T5	19/74
• THI	S LEAD MAY BE WHITE		314u 314u 7	SPECIED INCHES		ROTATION FACING LEAD END C.C.W. C.W.	L1 T1,T8 T1,T5 ECTRIC MOTORS	T4,T5 T4,T8 DRAWN ADH 02/7 CHK WRK 02/20	0/74
		RLW 7/22/02	U102 U102 X X XH 300	·±.1		ROTATION FACING LEAD END C.C.W. C.W. EESON	L1 T1,T8 T1,T5 ECTRIC MOTORS GEARMOTORS AND DRVES	T4,T5 T4,T8	0/74
20 ALTERNATE	S LEAD MAY BE WHITE	RLW 7/22/02 H RLW 5/31/02 H		·±.1	\$11-mail	ROTATION FACING LEAD END C.C.W. C.W.	L1 T1,T8 T1,T5 ECTRIC MOTORS GEARMOTORS AND DRIVES G DIAGRAM	T4,T5 T4,T8 DRAWN ADH 02/0 CHK WRK 02/20 APPD JCW 02/20	0/74
20 ALTERNATE	ts lead marking was red Ernate ts lead marking	RLW 7/22/02 H RLW 5/31/02 H OBT 06/24/97		±.1 ±.01 T ±.005	\$11-mail	ROTATION FACING LEAD END C.C.W. C.W. EESON	L1 T1,T8 T1,T5 ECTRIC MOTORS GEARMOTORS AND DRIVES IG DIAGRAM ROTECTOR	T4,T5           T4,T8           DRAWN         АОН 02/20           СНК         WRK 02/20           APPD         JCW 02/20           SCALE         1-11	0/74
20 ALTERNATE 19 ADDED ALT	ts lead marking was red Ernate ts lead marking	RLW 5/31/02 k DBT 06/24/97	KH XXX	*.1 *.01 T *.005 *.0005 N	TLE	ROTATION FACING LEAD END C.C.W. C.W. EESON EXTERNAL WIRIN TYPE "K" W/O F	L1 T1,T8 T1,T5 ECTRIC MOTORS GEARMOTORS AND DRIVES IG DIAGRAM ROTECTOR	T4,T5           T4,T8           DRAWN         ADH 02/7           CHK         WK 02/20           APPD         JCW 02/21           SCALE         1=1           PEF         1=1	0/74

