

PARTS LIST MANUAL

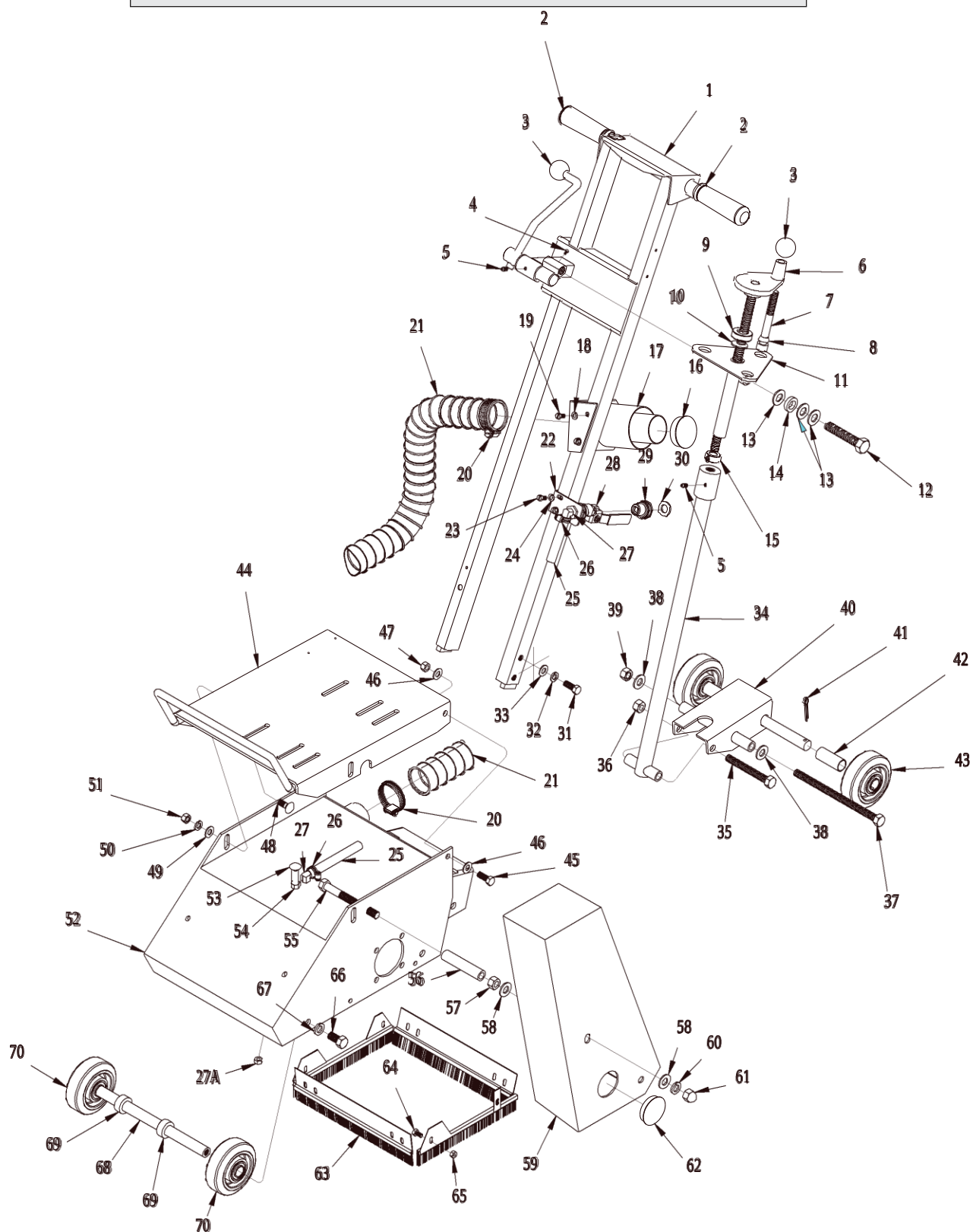
Scarifier/Planer (Push Model)

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HOW TO ORDER REPLACEMENT PARTS	FILL IN INFORMATION BELOW
‰ To insure product safety and reliability, always use genuine HONWAY 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.	Date of Purchase _____ Model # _____ Serial # _____ SKU # _____



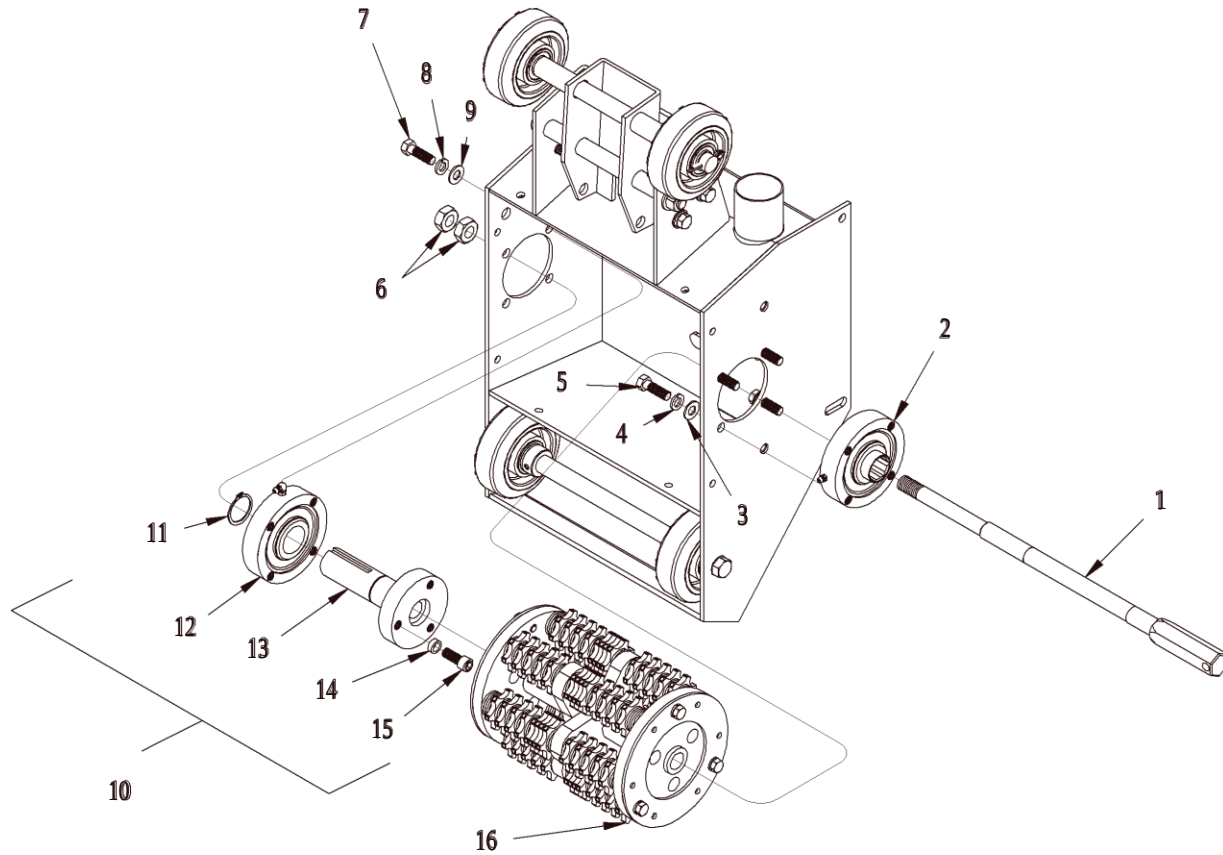
ILLUSTRATION 1: FRAME GROUPING



PARTS LISTING - ILLUSTRATION 1: FRAME GROUPING

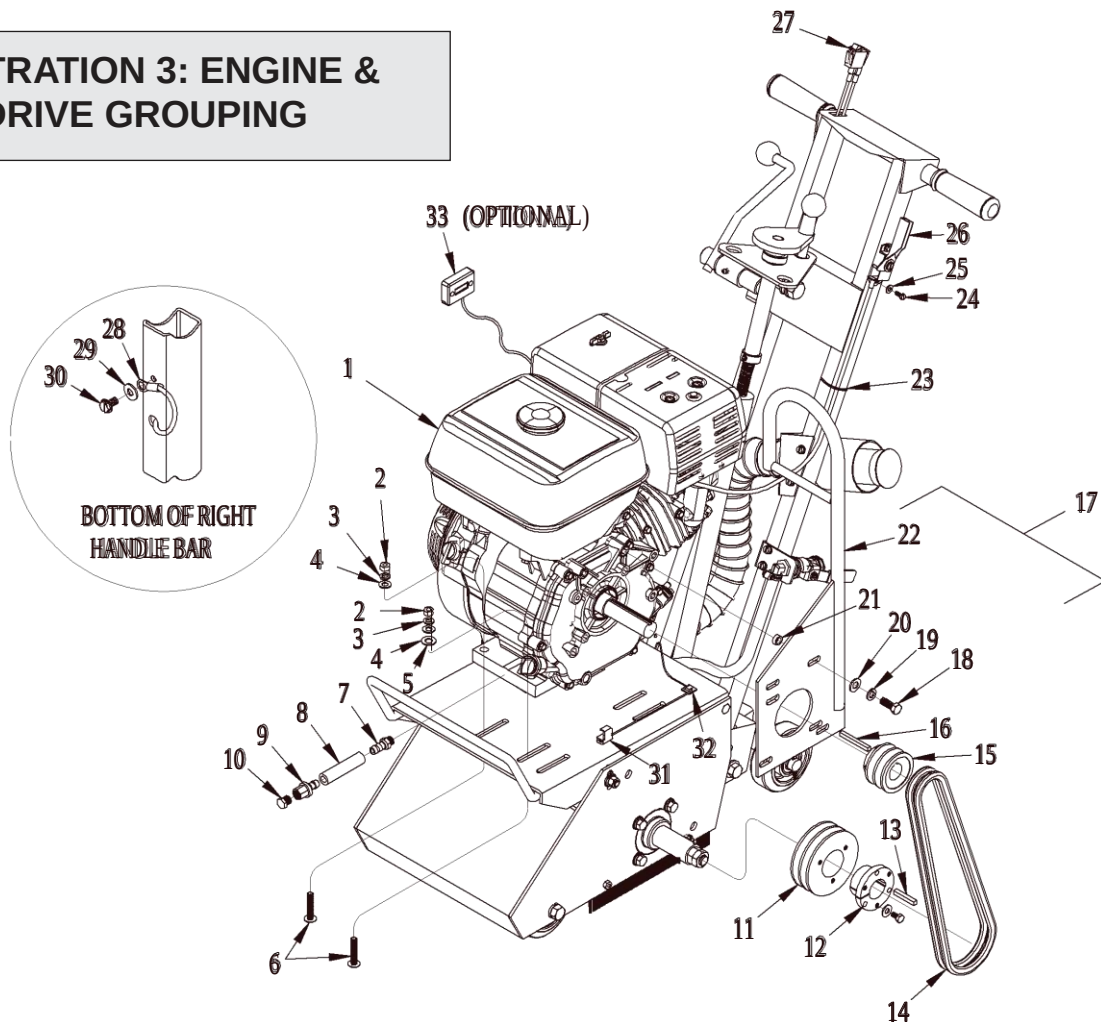
ITEM#	PART#	DESCRIPTION	QTY.	ITEM#	PART#	DESCRIPTION	QTY.
1	65009	HANDLE BAR	1	43	52001	WHEEL 4 X 1-1/2 X 3/4"BRG.	2
2	10608	GRIP, HAND 1' MODEL AT	2	44	65002	MOUNT, ENGINE/MOTOR	1
3	14023	KNOB, BALL 1-3/8"DIA w/ 1/2-13 THD.	2	45	10021	SCREW, CAP 3/8-24 x 1	2
4	10127	SCREW, DRIVE 1/8 x 1/4 L	1	46	10025	WASHER, FLAT 3/8	4
5	10808	FITTING, GREASE 1/4-28 STRAIGHT	2	47	10004	NUT, LOCK 3/8-24	2
6	65019	HANDWHEEL, SMALL W/ 5/8-8 X 13"ROD	1	48	10802	BOLT, CARRIAGE 3/8-16 x 1	2
7	10411	SCREW, SKT. HD. CAP 1/2-13 X 4 ZINC	1	49	10025	WASHER, FLAT 3/8	4
8	50550	SLEEVE FOR 1/2" CAPSCREW, TAPERED	1	50	10811	WASHER, LOCK 3/8	4
9	85005	BEARING, THRUST BALL 5/8	1	51	10404	NUT 3/8-16	2
10	10073	WASHER, FLAT 5/8 SAE	1	52	65001	MAIN FRAME	1
11	65007	LINKAGE SUPPORT, UPPER	1	53	10909	BOLT, CARRIAGE 3/8-16 X 3 FULL THD.	1
12	10359	SCREW, CAP 5/8-11 x 3-1/4	1	54	10404	NUT 3/8-16	1
13	10073	WASHER, FLAT 5/8	3	55	65017	SCREW, CAP 1/2-20 X 5	2
14	79035	BUSHING, RUBBER 1-1/16 OD 5/8 ID x 1/4 THK	1	56	65016	SPACER TUBE 1/2"ID X 3-9/16"L	2
15	10096	COLLAR, LOCKING 5/8"ID	1	57	10072	NUT 1/2-20	2
16	65021	CAP, END 2" RED PLASTIC	1	58	10312	WASHER, FLAT 1/2 SAE	4
17	86347	BRACKET, MULTI-VAC PORT 2-3"	1	59	65003	COVER, BELT	1
18	10038	WASHER, LOCK 1/4	2	60	10045	WASHER, LOCK 1/2	2
19	10846	SCREW, CAP STSHW 1/4-20 X 1/2	2	61	10422	NUT, ACORN 1/2-20	2
20	10766	CLAMP, HOSE, SAE #28, ADJ. TO 2-1/4	2	62	65022	PLUG, HOLE 2"	1
21	65098	HOSE, FLEX 2"ID X 22"L	1	63	65036	BRUSHES (SET OF 4)	1
22	56022	BRACKET, WATER VALVE	1	64	10834	SCREW, CAP 1/4-20 X 1/2	8
23	10846	SCREW, CAP STSHW 1/4-20 X 1/2	2	65	10861	NUT, KEPS 1/4-20	8
24	10038	WASHER, LOCK 1/4	2	66	10304	SCREW, CAP 1/2-20 X 1	2
25	65089	HOSE, WATER 3/8"ID X 19-1/4"L	1	67	10045	WASHER, LOCK 1/2	2
26	50069	CLAMP, HOSE, SAE #6, ADJ. TO 13/16	2	68	65014	AXLE SHAFT 3/4"DIA. X 12-7/32"L	1
27	11562	BARB ELBOW 90, 3/8 HOSE X 1/8 MPT	2	69	10428	COLLAR, LOCKING 3/4"ID	2
27A	10864	NUT 1/8-27 PIPE THREAD	1	70	52001	WHEEL 4 X 1-1/2 X 3/4"BRG.	2
28	10711	VALVE, BALL 1/2 FPT	1				
29	80021	CONN., SWIVEL FEM. 3/4HOSE X 1/2MPT (INCLUDES ITEM 30)	1				
30	10070	WASHER, HOSE 3/4	1				
31	10055	SCREW, CAP 3/8-16 X 1	4				
32	10811	WASHER, LOCK 3/8	4				
33	10025	WASHER, FLAT 3/8 SAE	4				
34	65006	LINKAGE, LOWER	1				
35	81001	SCREW, CAP 1/2-13 X 4	1				
36	10407	NUT, LOCK 1/2-13	1				
37	65015	SCREW, CAP 1/2-13 X 8	1				
38	10312	WASHER, FLAT 1/2 SAE	2				
39	10407	NUT, LOCK 1/2-13	1				
40	65004	FORK	1				
41	10306	PIN, COTTER 3/16 X 1-1/4	2				
42	65005	SPACER, REAR WHEEL, 2-1/8"	2				

ILLUSTRATION 2: DRUM SHAFT & BEARING GROUPING



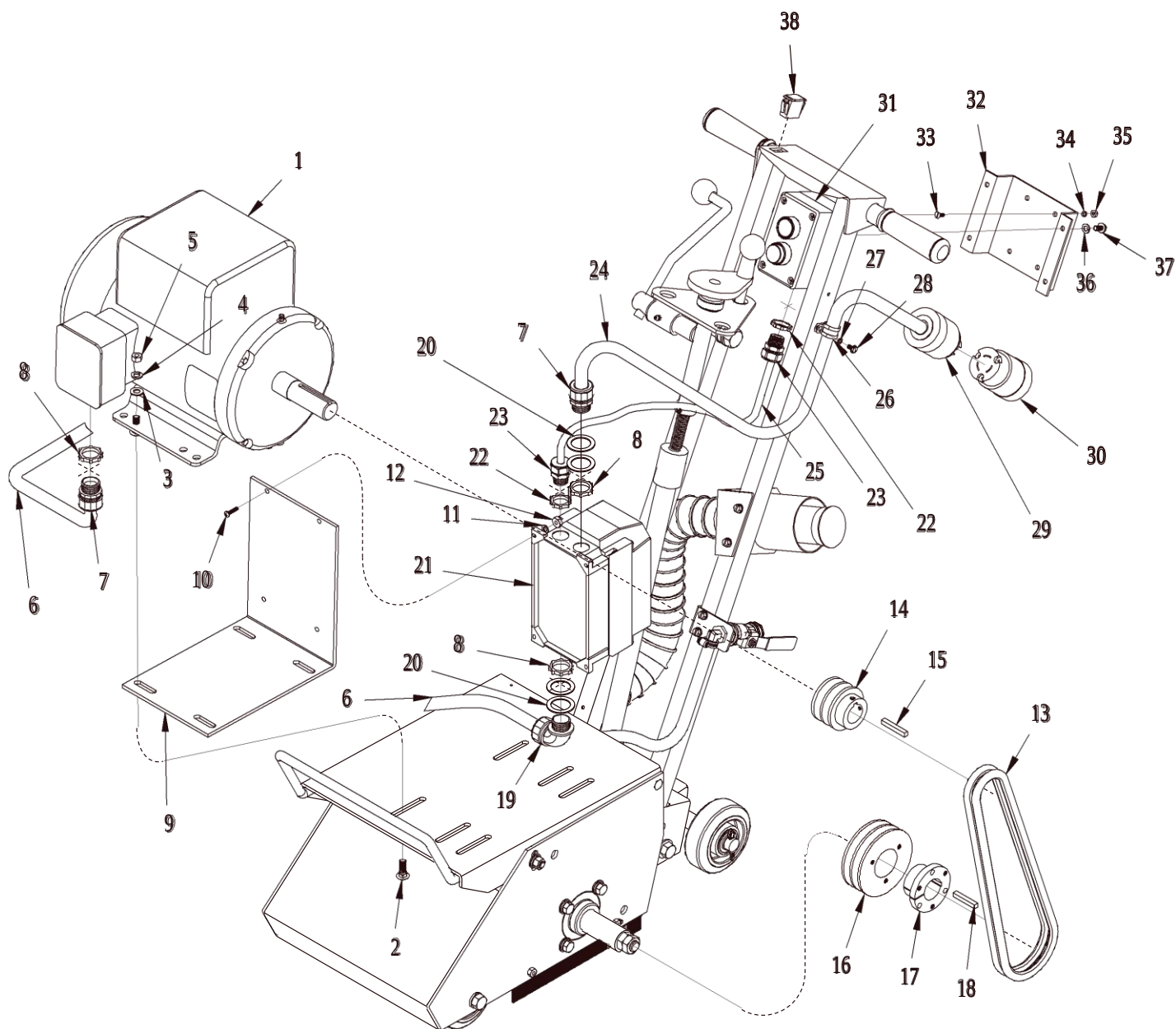
ITEM#	PART#	DESCRIPTION	QTY.
1	65037	DRUM SHAFT 18-3/8"	1
2	65057	BEARING ASSY. COMPLETE, 1"HEX BORE	1
3	10025	WASHER, FLAT 3/8 SAE	4
4	10811	WASHER, LOCK 3/8	4
5	10309	SCREW, CAP 3/8-24 X 1-1/4 PLATED	4
6	65039	NUT, JAM 5/8-11 LEFT-HAND THREAD	2
7	10309	SCREW, CAP 3/8-24 X 1-1/4 PLATED	4
8	10811	WASHER, LOCK 3/8	4
9	10025	WASHER, FLAT 3/8 SAE	4
10	65038A	DRIVER W/ BEARING ASSY (ITEMS 11 THRU 15)	1
11	10873	RETAINING RING, EXT. 1-1/4"	1
12	65056	BEARING ASSY. COMPLETE, 1-1/4"DIA.	1
13	65038	DRIVER	1
14	10113	SPACER, STEEL 9/16OD X 3/8ID X 7/32	3
15	10878	SCREW, SKT. HD. CAP 3/8-24 X 1	3
16	-----	CUTTER DRUM ASSEMBLY (REFER TO ILLUS. 5 FOR BREAKDOWN)	

ILLUSTRATION 3: ENGINE & BELT DRIVE GROUPING



ITEM#	PART#	DESCRIPTION	QTY.	ITEM#	PART#	DESCRIPTION	QTY.
1		ENGINE	1	15	10553	SHEAVE 2.5"OD X 2GR.A X 1"BORE	1
	15027	HONDA 9.0 HP GX270-QXC9		16	10307	KEY 1/4SQ X 2-1/4	1
		w/ CYCLONE AIR CLEANER		17	30101A	LIFTING BAIL KIT (INCLUDES ITEMS	1
	15063	ENGINE, SUBARU ROBIN 9 HP EX27 CYC.				18-22), (OPTIONAL)	
2	10054	NUT 5/16-18	4	18	10055	SCREW, CAP 3/8-16 X 1	4
3	10801	WASHER, LOCK 5/16	4	19	10811	WASHER, LOCK 3/8	4
4	10213	WASHER, FLAT 5/16	4	20	10025	WASHER, FLAT 3/8 SAE	4
5	10025	WASHER, FLAT 3/8	2	21	10113	SPACER, STEEL 9/16OD X 3/8ID X 7/32	4
6	10918	BOLT, CARRIAGE 5/16-18 x 1-3/4	4	22	30101	LIFTING BAIL, HORZ. SHAFT	1
7	11542	BARB, PUSH-ON 3/8HOSE X 12MM X 1.50	1	23	10982	TIE, CABLE, BLACK NYLON 11-1/4"	1
		(HONDA ONLY)		24	10877	SCREW, CAP STSHW 10-24 X 1/2	2
	10657	BARB, PUSH-ON 3/8HOSE X 1/4MPT	1	25	10831	WASHER, LOCK, INT. TOOTH #10	2
		(SUBARU ROBIN ONLY)		26	40388	CABLE, THROTTLE, LEVER-TYPE 24"	1
8	56116	HOSE, PUSH-ON 3/8"ID X 3"L	1	27	15201A	SWITCH W/ WIRES, ROCKER RED ON-OFF	1
9	11544	BARB, PUSH-ON 3/8 HOSE X 1/4FPT	1	28	50084	TERM., RING #10 16-14GA. INSULATED	1
10	10776	PIPE PLUG 1/4 NPT (BRASS)	1	29	10831	WASHER, LOCK, INT. TOOTH #10	1
11	65045	SHEAVE 4.05"OD X 2GR.A X SH	1	30	10877	SCREW, CAP STSHW 10-24 X 1/2	1
12	10505	BUSHING, SHEAVE SH X 1-1/4"BORE	1	31	10970	CONN., WIRE QUICK-SPLICE 18-14 GA.	1
13	40317	KEY 1/4SQ X 1-5/8	1	32	36042	CLIP, NATURAL CORD, 1/8" X 1/4"	1
14	81007	BELT AX-33	2	33	15138	METER, HOUR, INDUCTIVE (OPTIONAL)	1

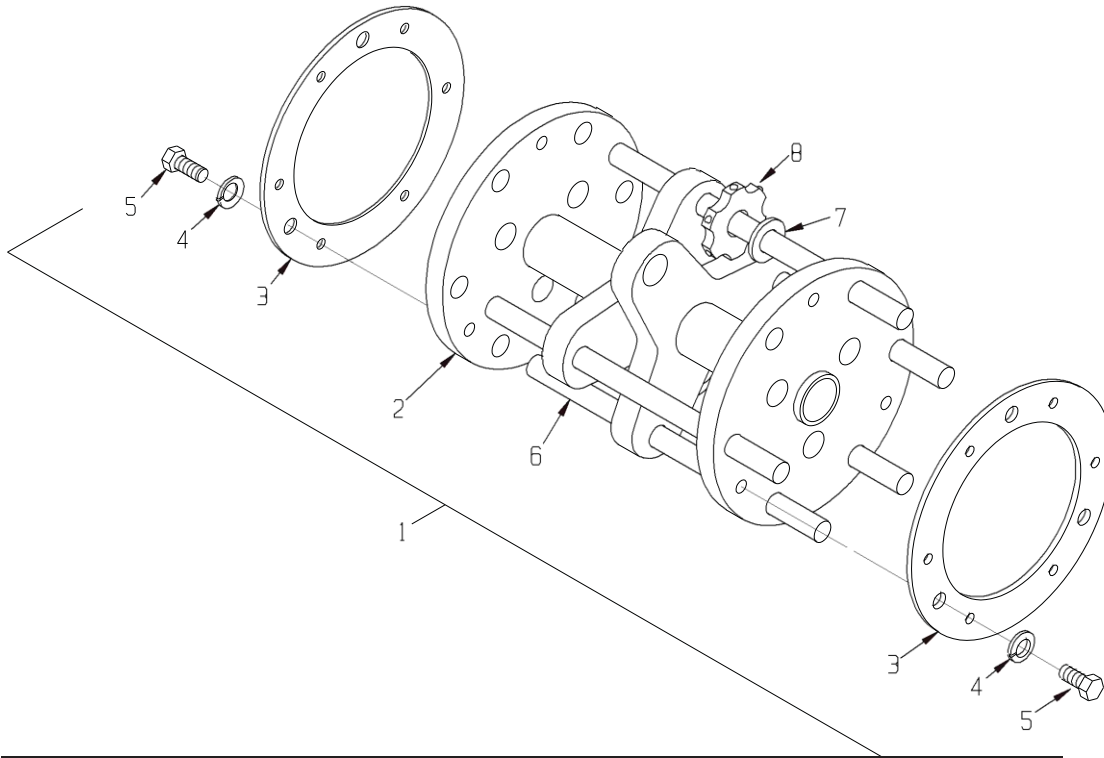
ILLUSTRATION 4: MOTOR & BELT DRIVE GROUPING



PARTS LISTING - ILLUSTRATION 4: MOTOR & BELT DRIVE GROUPING

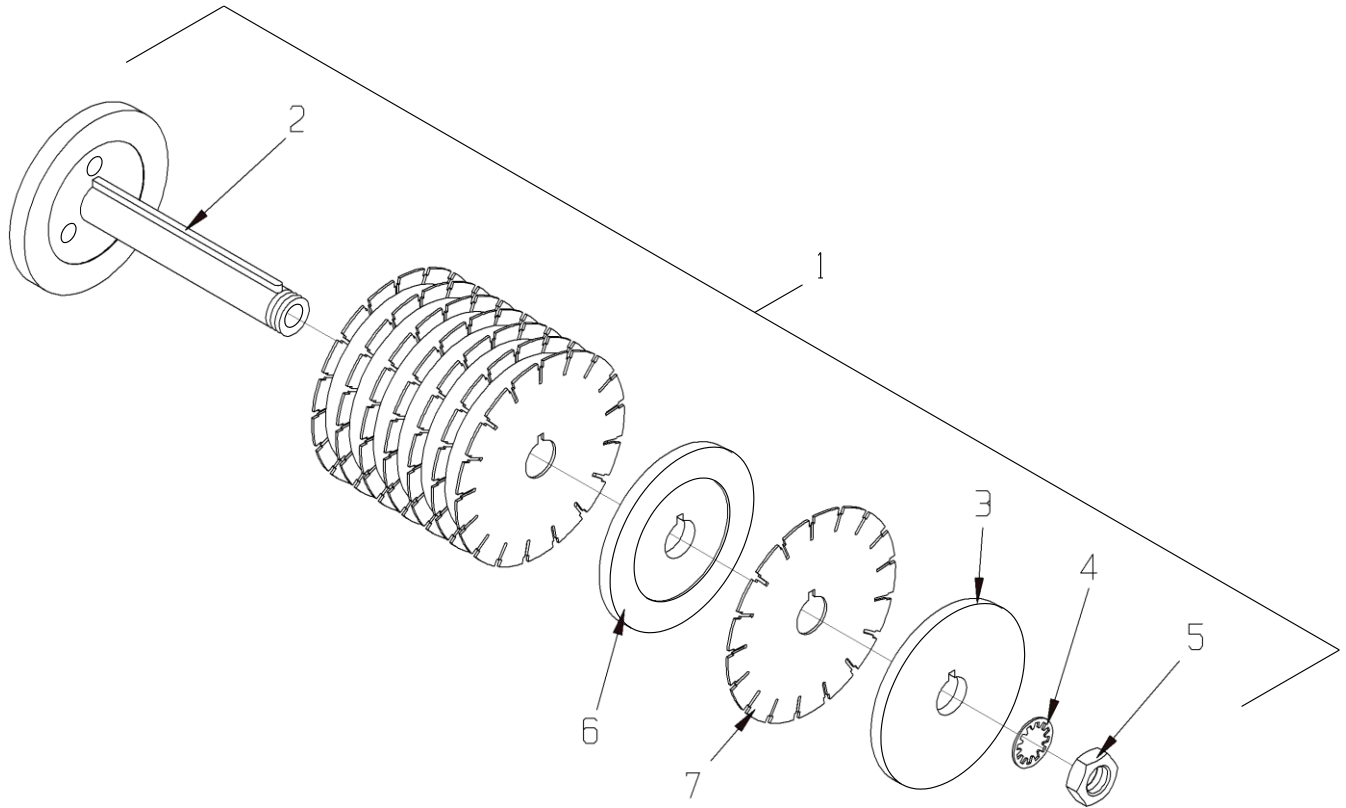
ITEM#	PART#	DESCRIPTION	QTY.
1		MOTOR (REQUIRES HOLES DRILLED IN BASE FRAME)	1
	81026	BALDOR 5.0HP - 1PH, 60Hz, 3450 RPM, 230V	
	81022	BALDOR 5.0HP - 3PH, 60 Hz, 3450 RPM, 230/460V	
	16020	BALDOR 5.0HP - 3PH, 50 Hz, 2850 RPM, 220/380/440V	
2	10819	BOLT, CARRIAGE 5/16-18 x 1	4
3	10213	WASHER, FLAT 5/16-18	4
4	10801	WASHER, LOCK 5/16-18	4
5	10054	NUT 5/16-18	4
6		WIRE HARNESS, STARTER TO MOTOR	1
	65107	10/3 x 28" LOA (1 PHASE)	
	65108	10/4 x 28" LOA (3 PHASE)	
7	10605	STRAIN RELIEF 3/4 NPT x .650-.750	2
8	10740	CONDUIT, LOCK NUT 3/4 NP	3
9	65087	STARTER MOUNT	1
10	10362	SCREW, MACHINE 8-32 x 3/4	4
11	10461	WASHER, INT. TOOTH #8	4
12	10462	NUT 8-32	4
13	10239	BELT AP-32	2
14		SHEAVE	1
	10555	2.5 OD x 2 Gr.A x 1-1/8 BORE (60 Hz MOTOR)	
	10526	3.00 OD x 2Gr.A x 1-1/8 BORE (50 Hz MOTOR)	
15	N/A	KEY 1/4" SQ. x 1-3/4 (INCL. w/ MOTOR)	1
16	65045	SHEAVE 4.05 OD x 2 Gr.A x SH	1
17	10505	BUSHING, SHEAVE SH x 1-1/4 BORE	1
18	40317	KEY 1/4 SQ. x 1-5/8	1
19	10984	CONN., LIQUID TITE 90D X 3/4NPT	1
20	77081	WASHER, FLAT 1-1/2 x 1-1/16 x .06	4
21		LOVATO STARTER w/ BLUE RESET BUTTON	1
		SPECIFY VOLTAGE FOR 50 Hz	
	16454	1 PHASE 230V 60 Hz, 11-M1-BRF-R30-26-23060	
	16457	3 PHASE 230V 60 Hz, 11-M1-BRF-R23-15-23060	
	16458	3 PHASE 460V 60 Hz, 11-M1-BRF-R14-10-46060	
22	10790	CONDUIT LOCK NUT 1/2 NP	2
23	40066	STRAIN RELIEF 1/2NPT X .350-.450"	1
24		WIRE HARNESS, STARTER TO POWER SOURCE	1
	65104	10/3 x 48" LOA (1 PHASE)	
	65105	10/4 x 48" LOA (3 PHASE)	
25	65106	WIRE HARNESS 16/4 x 36" LOA STARTER TO SWITCH	1
26	11565	CLAMP, LOOM 5/8 (SAE SIZE 10)	1
27	10831	WASHER, LOCK, INT. TOOTH #10	1
28	10877	SCREW, CAP STSHW 10-24 x 1/2	1
29	40037	PLUG, LOCKING 20A/250V L6-20P (1 PHASE ONLY)	1
30	40000	CONNECTOR, LOCKING 20A/250V L6-20R (1 PHASE ONLY)	1
31	16456	REMOTE SWITCH BOX COMPLETE	1
	16456-1	ENCLOSURE, LOVATO 2-BUTTON	1
	16456-2	ENCLOSURE BUTTON, GREEN FLUSH START	1
	16456-3	ENCLOSURE BUTTON, RED EXTENDED STOP	1
	16456-4	ENCLOSURE CONTACT, START GREEN N.O.	1
	16456-5	ENCLOSURE CONTACT, STOP RED N.C.	1
32	65088	REMOTE SWITCH BRACKET	1
33	11663	SCREW, MACHINE 8-32 X 1/2	4
34	10461	WASHER, INT. TOOTH #8	4
35	10462	NUT 8-32	4
36	10038	WASHER, LOCK 1/4	4
37	10846	SCREW, CAP STSHW 1/4-20 X 1/2	4
38	15204	PLUG, RECT. HOLE, PLASTIC SNAP-IN	1

ILLUSTRATION 5: CUTTER DRUM ASSEMBLY



ITEM#	PART#	DESCRIPTION	QTY.
1	65050	DRUM ASSEMBLY, COMPLETE, CPM-8 CUTTER (INCLUDES ITEMS 2 THRU 6)	1
2	65051	DRUM ONLY , CUTTER	1
3	65054	RETAINING PLATE, CUTTER SHAFT	2
4	10801	WASHER, LOCK 5/16	6
5	10053	SCREW, CAP 5/16-18 x 3/4	6
6	20150	CP407 CUTTER SHAFT, 1/2 x 8-9/16"L	6
7	12230	CG227 SPACER, 1/2" ID	*
8	*	CUTTER WHEELS	*
	20156	CP206T, 6 POINT TUNGSTEN CARBIDE, (SHOWN) 1-3/4"OD x 5/8"ID x 1/4"THK	
	20336	CP207T 7 POINT SOLID CARBIDE CHUNKER, 1-1/2"OD x 1/2"ID x 1/2"THK	
	12206	JRS501P, 18 TOOTH POINTED HI CARBON STEEL, 2"OD x 1/2"ID x 3/16"THK	
	20206	CP305, 12 TOOTH FLAT TIP HI CARBON STEEL, 2"OD x 5/8"ID x 3/16"THK	
*NOTE: CUTTER WHEELS AND SPACERS ARE NOT INCLUDED WITH DRUM ASSEMBLY. THE NUMBER OF CUTTER WHEELS AND SPACERS VARY WITH TYPE OF SET-UP USED. REFER TO ASSEMBLY INSTRUCTIONS FOR SUGGESTED SET-UPS AND QUANTITIES.			

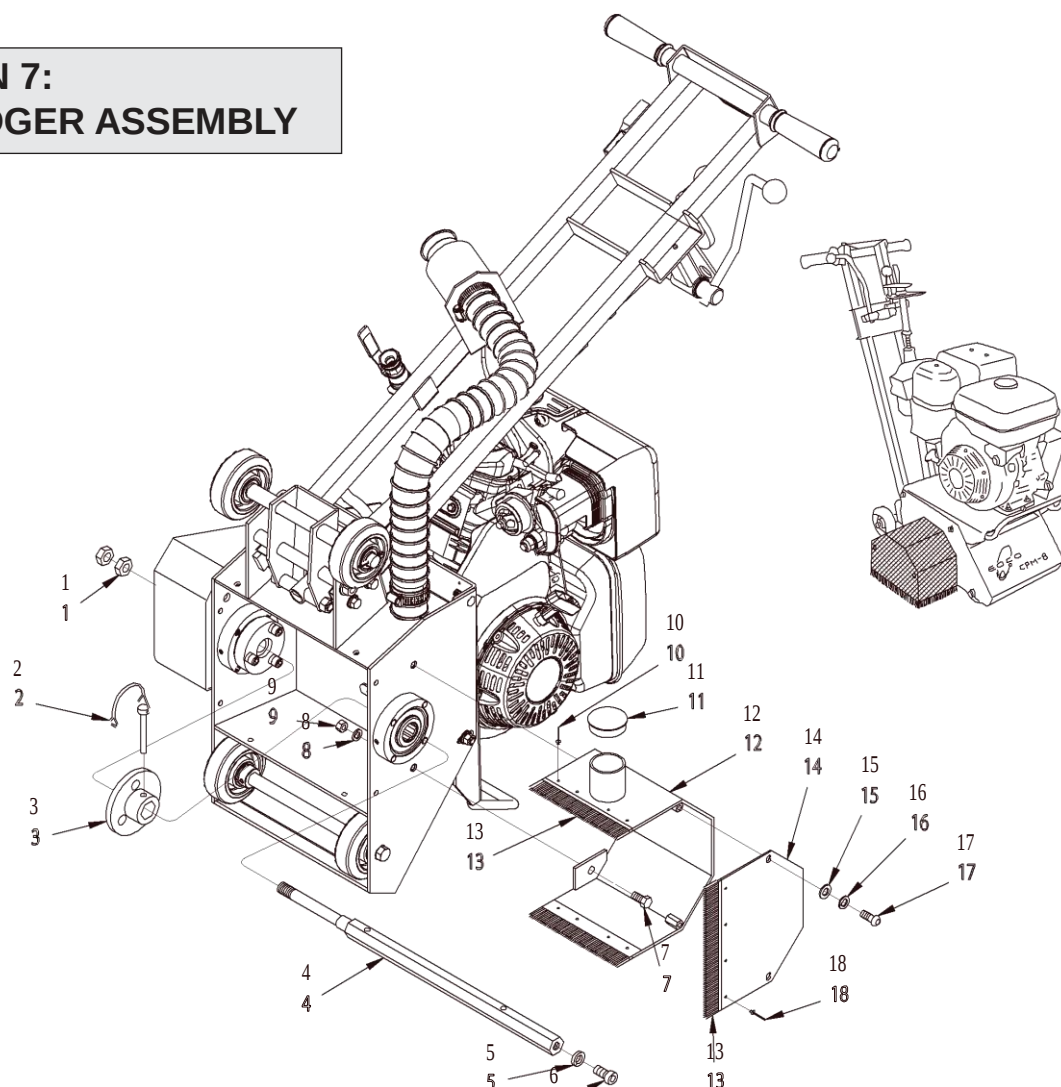
ILLUSTRATION 6: DIAMOND GROOVING HEAD ASSEMBLY



ITEM#	PART#	DESCRIPTION	QTY.
1	65077	DIAMOND GROOVING HEAD ASSEMBLY (INCLUDES ITEMS 2 THRU 5)	
2	65070	ARBOR, DIAMOND GROOVING HEAD	1
3	65071	ARBOR, BLADE RETAINING CAP 6"	1
4	65075	WASHER, LOCK, INT. TOOTH 1-1/4"	1
5	65076	NUT, JAM 1 1/4-12	1
6		SPACER, BLADE	*
	65072	6"O.D.x1-1/4"I.D.x.063" THK.	
	65073	6"O.D.x1-1/4"I.D.x.43" THK. (1/2" SPACING)	
	65074	6"O.D.x1-1/4"I.D.x.93" THK. (1" SPACING)	
	65078	6"O.D.x1-1/4"I.D.x5/8" THK.	
7	39808	DIAMOND BLADE 7x.090x1.25" w/ KEYWAY	*
	39806	DIAMOND BLADE 7X.250X1.25 w/ KEYWAY	

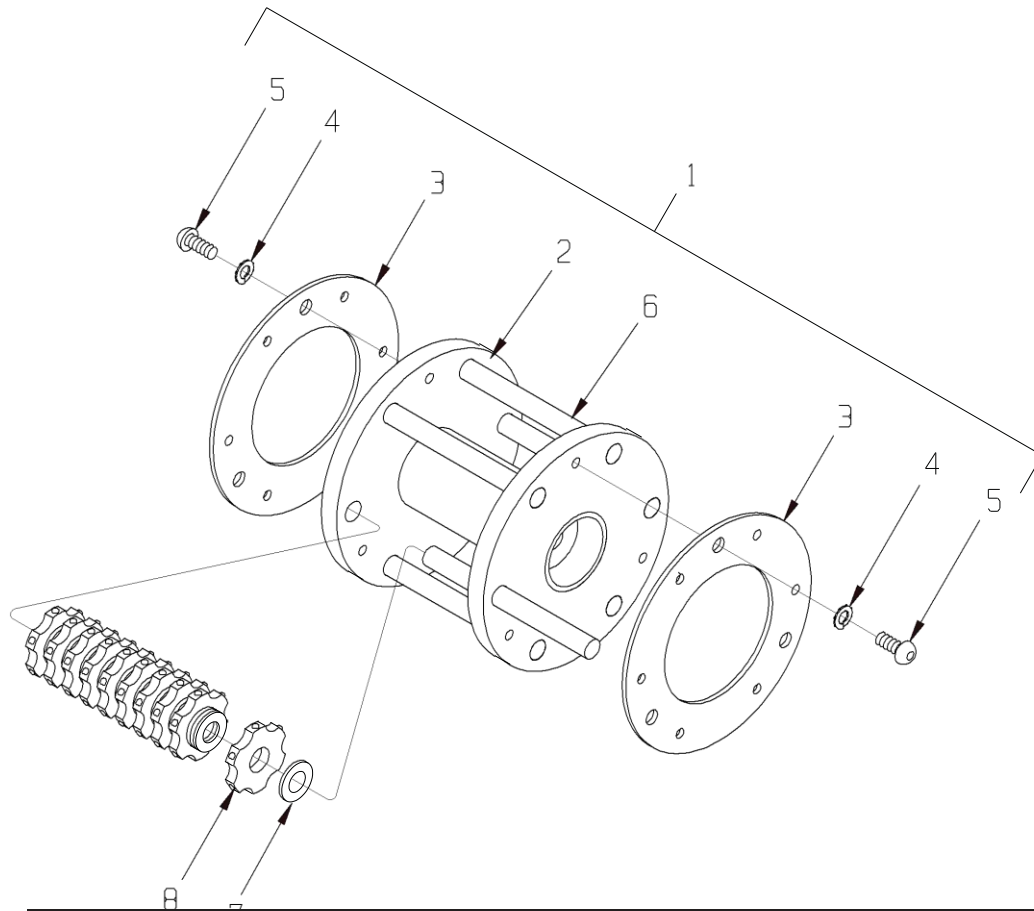
*NOTE:
DIAMOND BLADES AND SPACERS ARE NOT INCLUDED WITH HEAD ASSEMBLY.
THESE QUANTITIES VARY WITH THE TYPE OF SET-UP USED.
REFER TO SET-UP DRAWINGS FOR QUANTITIES.

ILLUSTRATION 7: OPTIONAL EDGER ASSEMBLY



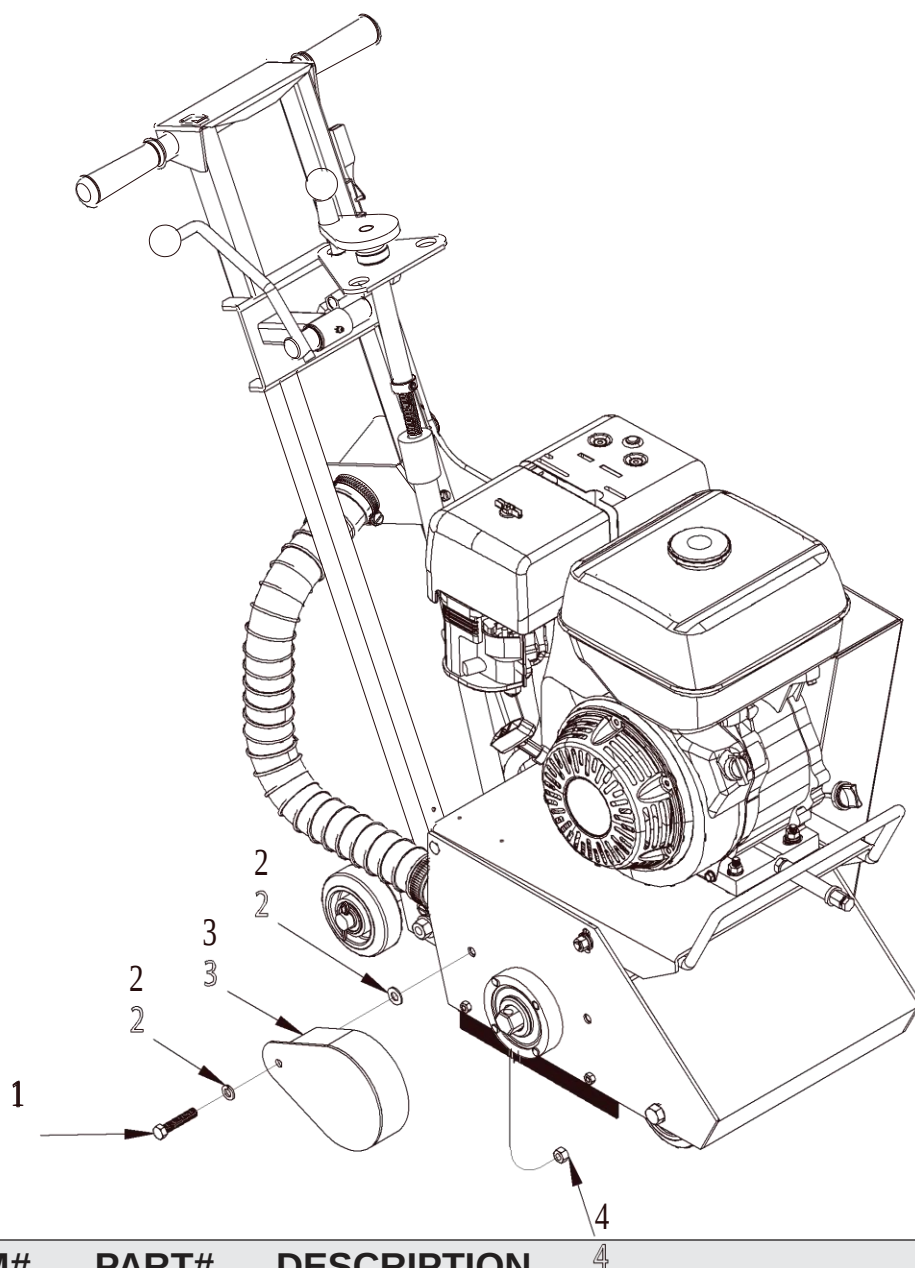
ITEM#	PART#	DESCRIPTION	QTY.
1	65039	NUT, JAM 5/8-11 LEFT-HAND THREAD	2
2	65028	PIN, WIRE LOCK 5/16x2-3/4	1
3	65026	FLANGE, DRIVER	1
4	65025	DRUM SHAFT, EDGER	1
5	10420	WASHER, LOCK 1/2 HEAVY-DUTY	1
6	10490	SCREW, SKT. HD. CAP 1/2-13x1	1
7	10055	SCREW, CAP 3/8-16 X 1	2
8	10811	WASHER, LOCK 3/8	2
9	10404	NUT 3/8-16	2
10	10134	RIVET, BLND 3/16X.450"L X.375HD DIA	8
11	65021	CAP/PLUG 2" RED PLASTIC, FLANGED	1
12	65023	COVER W/ BRUSHES	1
13	65029	BRUSHES, EDGER (SET OF 3, INCLUDED WITH ITEMS 12 & 14)	1
14	65024	COVER SIDE PANEL w/ BRUSH	1
15	10213	WASHER, FLAT 5/16	2
16	10801	WASHER, LOCK 5/16	2
17	10627	SCREW, SKT. BUTTON HEAD 5/16-18x3/4	2
18	10128	RIVET, BLIND 1/8 X .250L X .262HD	4

ILLUSTRATION 8: EDGER CUTTER DRUM ASSEMBLY



ITEM#	PART#	DESCRIPTION	QTY.
1	C66040	DRUM ASSEMBLY, COMPLETE, CPM-4 (INCLUDES ITEMS 2 THRU 6)	1
2	C66041	DRUM ONLY . CUTTER. CPM-4	1
3	65054	RETAINING PLATE. CUTTER SHAFT	2
4	10801	WASHER. LOCK 5/16	6
5	10627	SCREW. SKT. BUTTON HEAD 5/16-18 x 3/4	6
6	C66043	CP410 SHAFT. 1/2 X 5-3/16"L	6
7	12230	CG227 SPACER. 1/2" ID	*
8	*	CUTTER WHEELS	*
	20156	CP206T, 6 POINT TUNGSTEN CARBIDE,	
	(SHOWN)	1-3/4"OD x 5/8"ID x 1/4"THK	
	20336	CP207T 7 POINT SOLID CARBIDE CHUNKER,	
		1-1/2"OD x 1/2"ID x 1/2"THK	
	12206	JRS501P, 18 TOOTH POINTED HI CARBON STEEL,	
		2"OD x 1/2"ID x 3/16"THK	
	20206	CP305, 12 TOOTH FLAT TIP HI CARBON STEEL,	
		2"OD x 5/8"ID x 3/16"THK	
*NOTE: CUTTER WHEELS AND SPACERS ARE NOT INCLUDED WITH DRUM ASSEMBLY. THE NUMBER OF CUTTER WHEELS AND SPACERS VARY WITH TYPE OF SET-UP USED. REFER TO ASSEMBLY INSTRUCTIONS FOR SUGGESTED SET-UPS AND QUANTITIES.			

ILLUSTRATION 9: OPTIONAL SHAFT COVER KIT



ITEM#	PART#	DESCRIPTION	QTY.
1	10410	BOLT, TAP 3/8-16 x 2-1/2 (FULL THD.)	1
2	10811	WASHER, LOCK 3/8	2
3	65097	COVER, SHAFT	1
4	10810	NUT, LOCK 3/8-16	1

WIRING DIAGRAM FOR ELECTRIC UNITS

