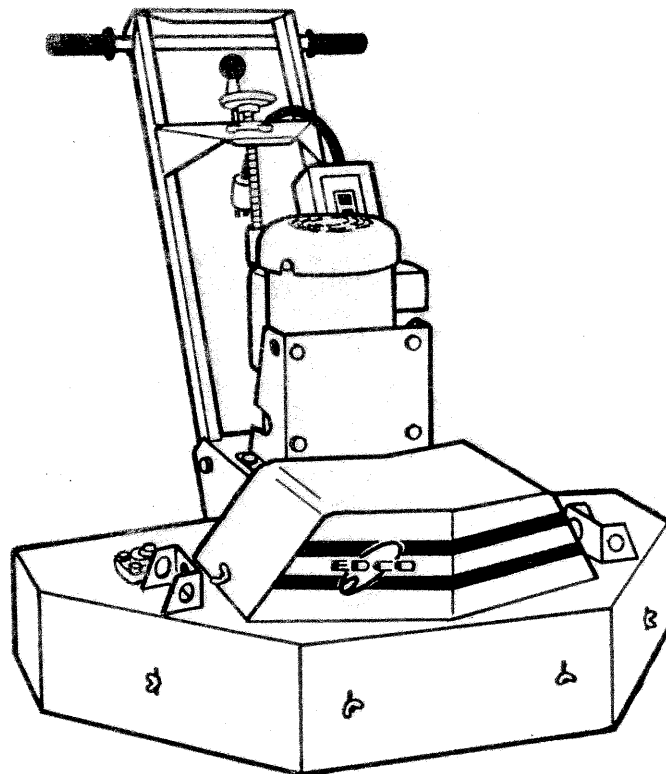
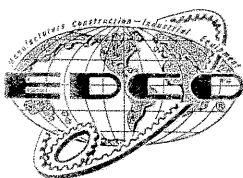


CONCRETE GRINDER/SURFACER

PARTS LIST MANUAL



MODEL 411-E/G

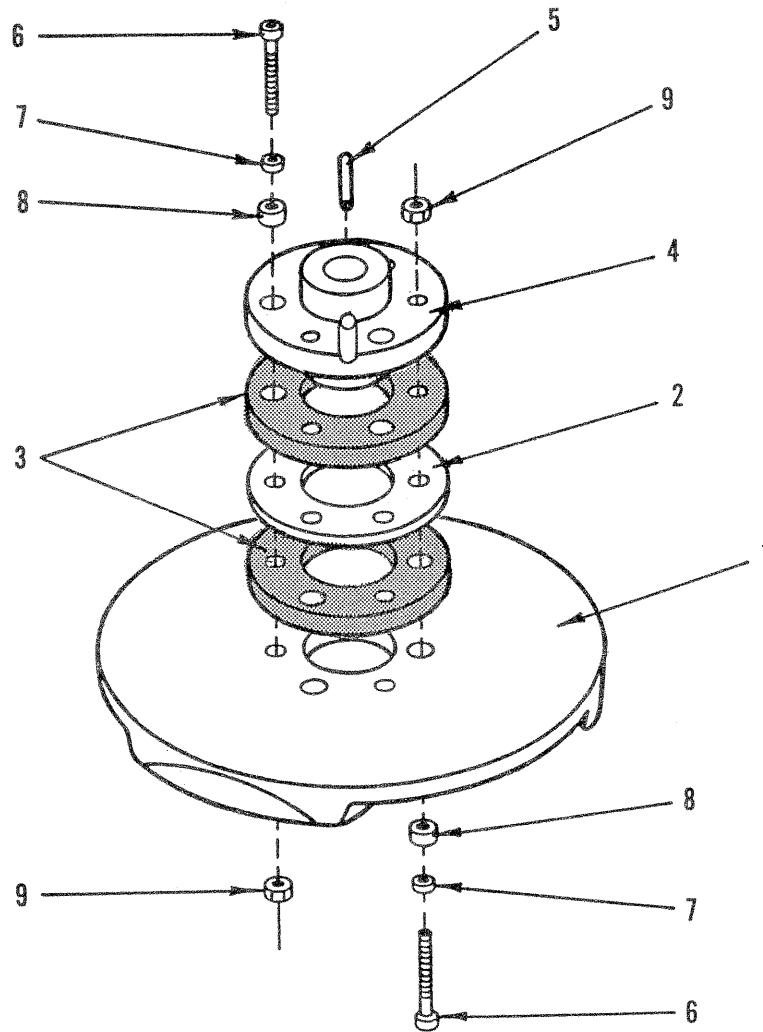


EQUIPMENT DEVELOPMENT COMPANY, INC.

100 THOMAS JOHNSON DRIVE, FREDERICK, MARYLAND 21702-4305 USA
301-663-1600 TOLL FREE 1-800-638-3326 FAX 301-663-1607

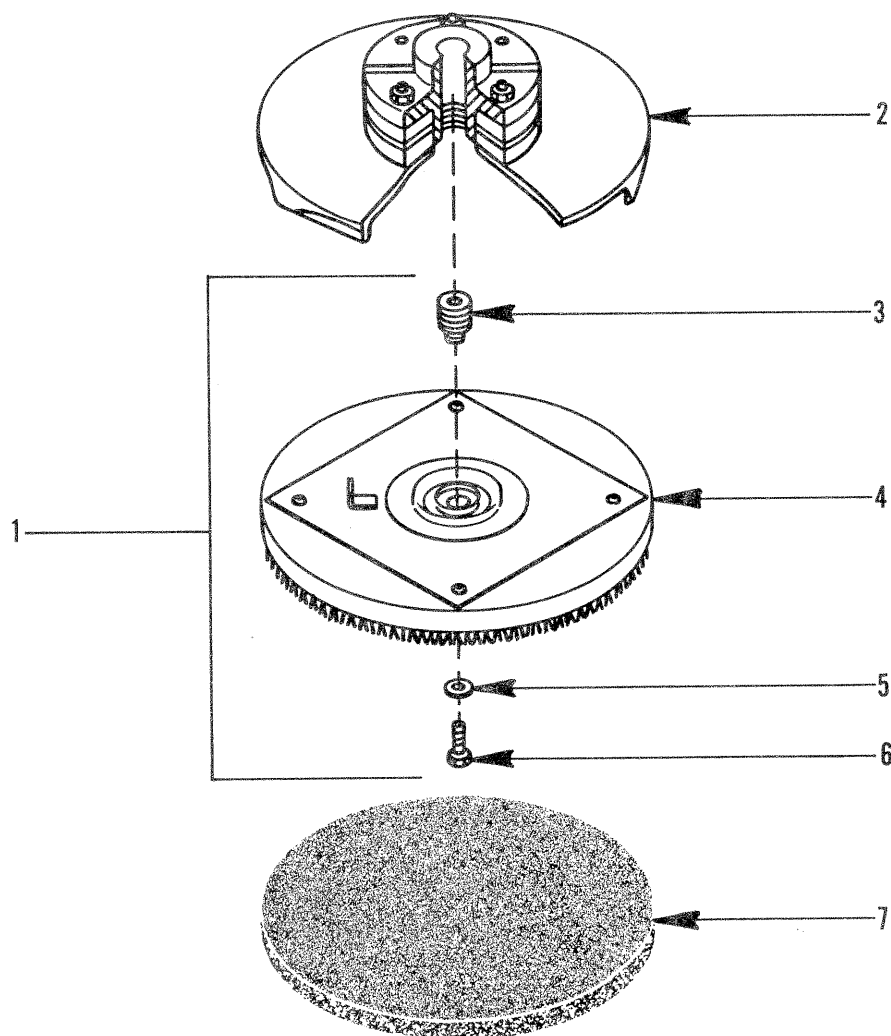
PARTS LISTING - ILLUSTRATION 1: MAIN ASSEMBLY			
Item #	Part #	Description	Qty.
1	75001	Hood	1
2	10903	Nut, Wing 3/8-16	2
3	10811	Washer, Lock 3/8	2
4	10025	Washer, Flat 3/8	2
5	75050	WT-2 Weight Holding Tray (Optional)	1
6	75002	Cover, Gear Case	1
7	10053	Screw, Cap 5/16-18 x 3/4	24
8	10801	Washer, Lock 5/16	24
9	10213	Washer, Flat 5/16	24
10	10005	Plug, Hole 7/8"	1
11	77009	Bearing, Ball 3/4" 4-Hole Flange	2
12	10021	Screw, Cap 3/8-24 x 1	8
13	10811	Washer, Lock 3/8	8
14	10014	Nut 3/8-24	8
15	77008	Bearing, Ball 1" 4-Hole Flange	8
16	10003	Screw, Cap 7/16-20 x 1-1/4	32
17	10450	Washer, Lock 7/16	32
18	10481	Nut 7/16-20	32
19	77011	Shaft, Pinion Gear 3/4 x 7-3/8"L	1
20	77053	Gear, Spur 25 Tooth (Pinion)	1
21	10037	Pin, Roll 1/4 x 1-1/2	1
22	10009	Washer, Flat 3/4	1
23	77012	Gear, Spur 112 Tooth (Driven)	4
24	77013	Shaft, Driven Gear 1 x 7-13/16"L	4
25	10007	Pin, Roll 3/8 x 2-1/2	4
26	75003	Frame & Gear Case	1
27	8888	Multi-Accessory Disc Assy., R.H. (See Illus. 2 for Breakdown)	2
28	9999	Multi-Accessory Disc Assy., L.H. (See Illus. 2 for Breakdown)	2
29	10063	Pin, Roll 3/8 x 2	4
30	75009	Skirt Guard	1
31	10818	Bolt, Carriage 5/16-18 x 3/4	8
32	10213	Washer, Flat 5/16	8
33	10801	Washer, Lock 5/16	8
34	10902	Nut, Wing 5/16-18	8
35	75011	Panel, Vacuum Attachment	1
36	10053	Screw, Cap 5/16-18 x 3/4	4
37	10213	Washer, Flat 5/16	8
38	10801	Washer, Lock 5/16	4
39	10054	Nut 5/16-18	4
40	64030	Plug, Cap 3"	1
41	79013	Wheel 8 x 2-1/2 x 3/4"Brg.	2
42	10306	Pin, Cotter 3/16 x 1-1/2	2
43	20050	Clip, Retaining 3/4	2
44	10009	Washer, Flat 3/4	2
45	75007	Fork Assembly	1
46	75008	Rod, Allthread Bolt 5/8-11 x 13-1/2	1
47	10073	Washer, Flat 5/8	2
48	10041	Washer, Lock 5/8	1
49	10046	Nut 5/8-11	1
50	75006	Linkage, Cut Control Lower	1
51	10322	Screw, Cap 1/2-20 x 2	1
52	10205	Nut, Lock 1/2-20	1
53	75004	Handwheel, Large W/ 5/8-8 x 16"Rod	1
54	10104	Knob, Ball 1/2-13 x 1-7/8"Rd.	1
55	10346	Screw, Skt. Hd. Cap 1/2-13 x 4-1/2	1
56	80009	Bearing, Ball 5/8" 2-Hole Flange	2
57	10412	Bolt, Carriage 1/4-20 x 1	2
58	10602	Washer, Flat 1/4	2
59	10038	Washer, Lock 1/4	2
60	10013	Nut 1/4-20	2
61	75012	Spacer 5/8"ID x 3/8"L	1
62	55010	Spacer 5/8"ID x 3/4"L	1
63	10096	Collar, Locking 5/8"	1
64	61106	Decal, "Cut Control" (Large)	1
65	75005	Handle Bar	1
66	10029	Screw, Cap 3/8-24 x 1-3/4	4
67	10004	Nut, Lock 3/8-24	4
68	3611	Cable, Throttle (Gas Units Only)	1
69	10830	Screw, Machine 10-32 x 1/2	2
70	10831	Washer, Ext. Tooth #10	2
71	10832	Nut 10-32	2
72	2222	Surfacer Disc Assy., R.H.(Optional)	2
73	3333	Surfacer Disc Assy., L.H.(Optional)	2

ILLUSTRATION 2 : MULTI-ACCESSORY DISC ASSEMBLY



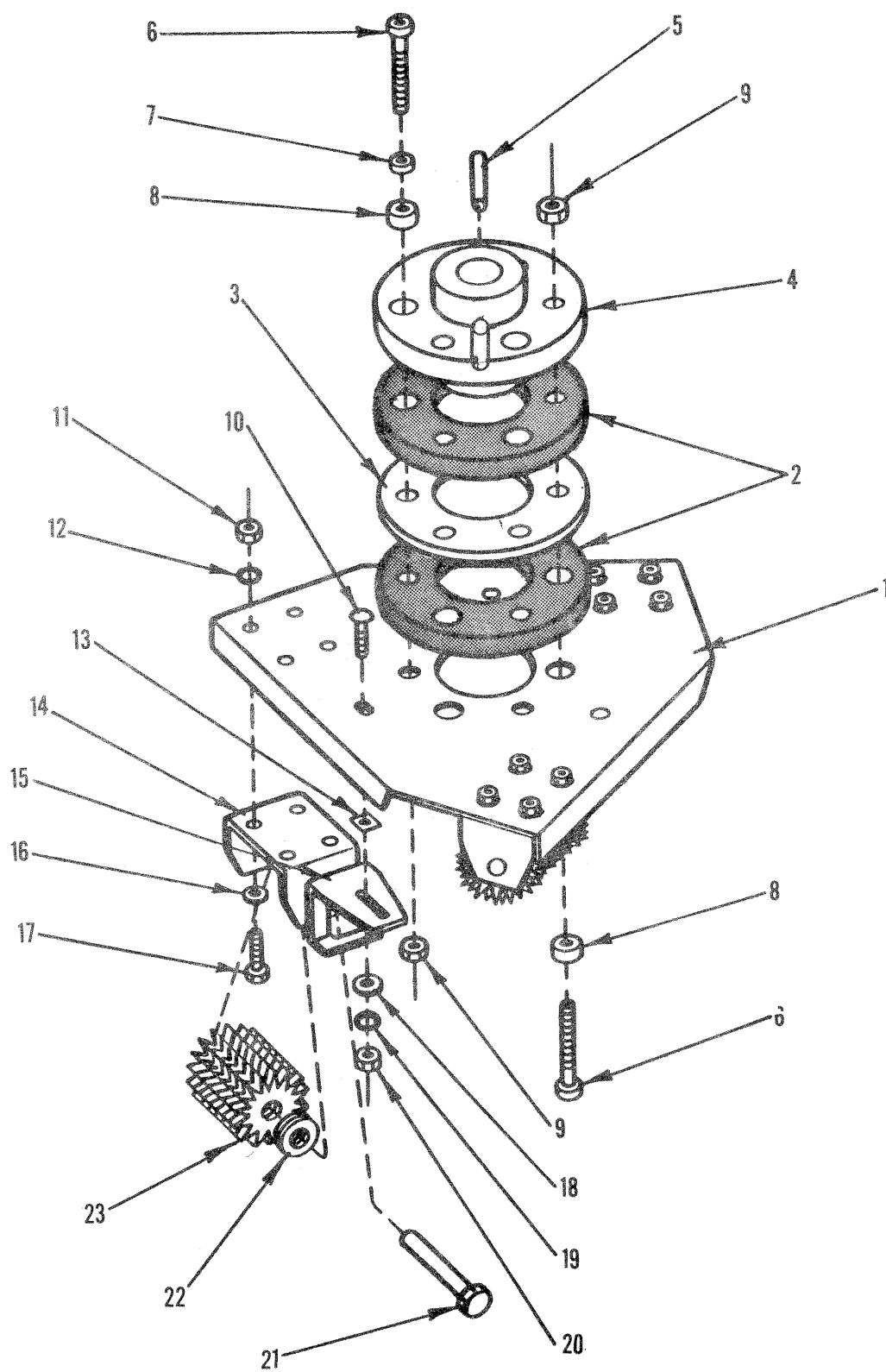
#8888		Disc Assembly Complete, Right Hand (2 Req'd.)	
#9999		Disc Assembly Complete, Left Hand (2 Req'd.)	
Item #	Part #	Description	Qty.
1	77088	Disc, Multi-Accessory R.H. Disc for Assy. #8888	1
	77099	L.H. Disc for Assy. #9999	1
2	77020	Hub Carrier Ring	1
3	10112	Neoprene Ring	2
4	77010	Hub, Aluminum	1
5	10063	Pin, Roll 3/8 x 2	1
6	10114	Screw, Skt.Hd.Cap 3/8-24 x 2-1/4	6
7	10113	Spacer, Steel 3/8"ID x 7/32"W	6
8	10011	Spacer, Steel 3/8"ID x 3/8"W	6
9	10004	Nut, Lock 3/8-24	6

ILLUSTRATION 3 : PAD DRIVER DISC ASSEMBLY



Item #	Part #	Description	Qty.
1	76040	11-P Pad Driver Disc Assembly (Includes Items #3 thru 6)	4
2	-----	Multi Accessory Disc Assembly (See Illus. 2 for Breakdown)	
3	76042	Hub Stud	1ea.
4	76041	Pad Driver Disc Only	1ea.
5	10312	Washer, Flat 1/2	1ea.
6	10304	Screw, Cap 1/2-20 x 1	1ea.
7	13013	11-A Silabide Pad, 11" Medium	4

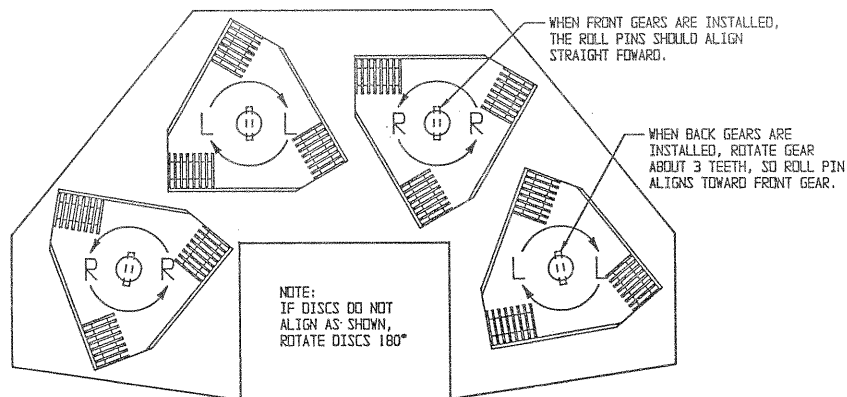
ILLUSTRATION 4 : SURFACER DISC ASSEMBLY



PARTS LISTING - ILLUSTRATION 4: SURFACER DISC ASSEMBLY			
#2222 Disc Assembly, Right Hand (2 Req'd.) #3333 Disc Assembly, Left Hand (2 Req'd.)			
Item #	Part #	Description	Qty.
1		Disc, Surfacers	
	77122	R.H. Disc for Assy. #2222	1
	77133	L.H. Disc for Assy. #3333	1
2	10112	Neoprene Ring	2
3	77020	Hub Carrier Ring	1
4	77010T	Hub, Cast Iron	1
5	10063	Pin, Roll 3/8 x 2	1
6	10114	Screw, Skt.Hd.Cap 3/8-24 x 2-1/4	6
7	10113	Spacer, Steel 3/8"ID x 7/32"W	3
8	10011	Spacer, Steel 3/8"ID x 3/8"W	6
9	10004	Nut, Lock 3/8-24	6
10	10802	Bolt, Carr. 3/8-16 x 1	3
11	10054	Nut 5/16-18	12
12	10801	Washer, Lock 5/16	12
13	10089	Nut, Speed 3/8	3
14	77074	Holder, Cutter Shaft	3
15	77075	Retainer, Cutter Shaft	3
16	10213	Washer, Flat 5/16	12
17	10806	Screw, Cap 5/16-18 x 1	12
18	10025	Washer, Flat 3/8	3
19	10811	Washer, Lock 3/8	3
20	10404	Nut 3/8-16	3
*21	77048	Cutter Shaft CG226	3
*22	12230	Spacer CG227	33
*23		Cutter Wheel	
	12206	Hi-Carbon Steel JRS501-P	24
	20156	Tungsten Carbide CP206-T	18
*Note: Cutter wheels, spacers, and shafts not included with disc assemblies.			

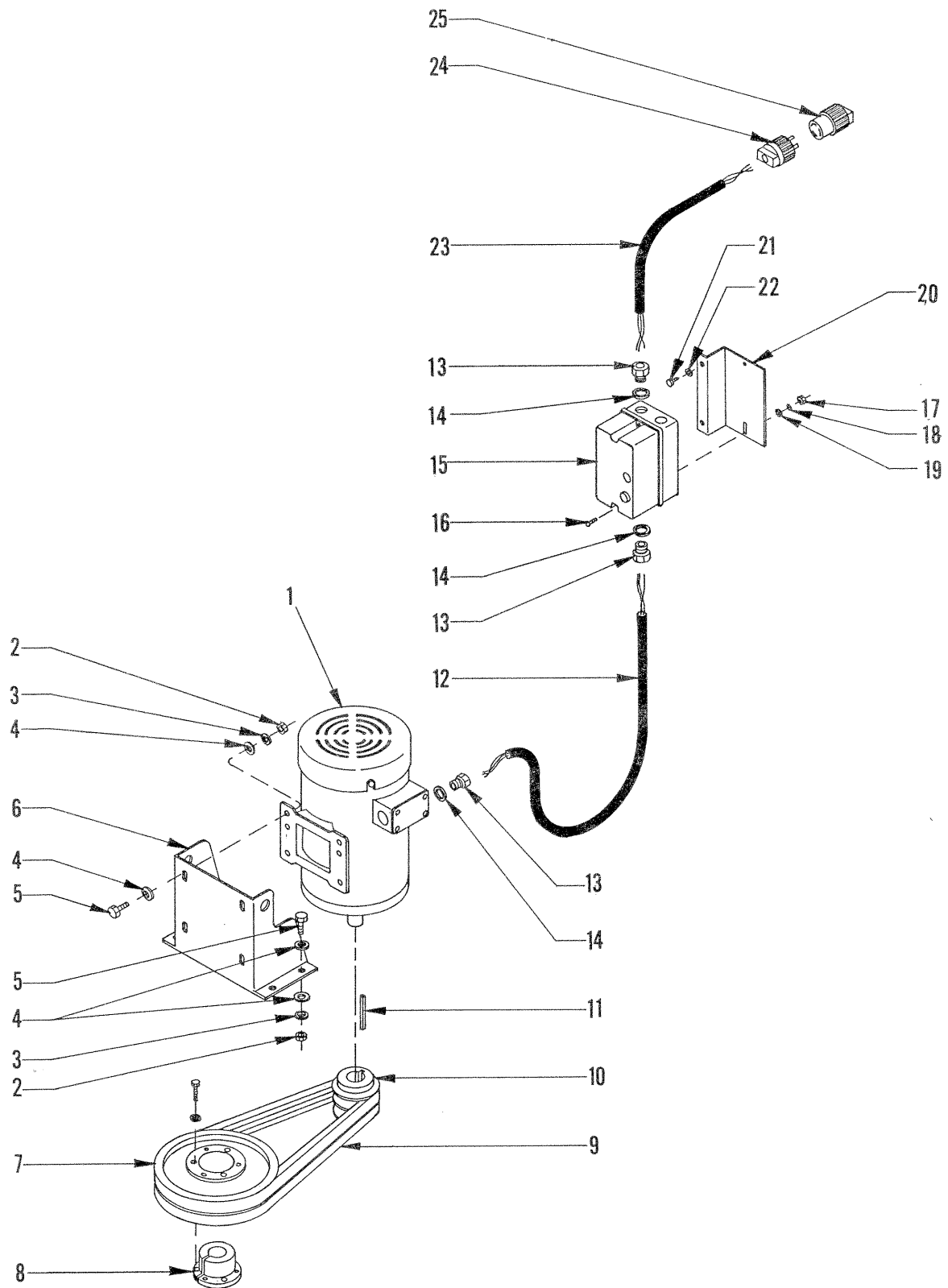
ALIGNMENT OF SURFACER DISCS

Care must be taken when installing "Surfacers Disc" assemblies. Discs are triangular and must be mounted as shown to allow them to pass each other without colliding.



BOTTOM VIEW

ILLUSTRATION 5 : MOTOR & BELT DRIVE ASSEMBLY FOR 5 H.P. BALDOR



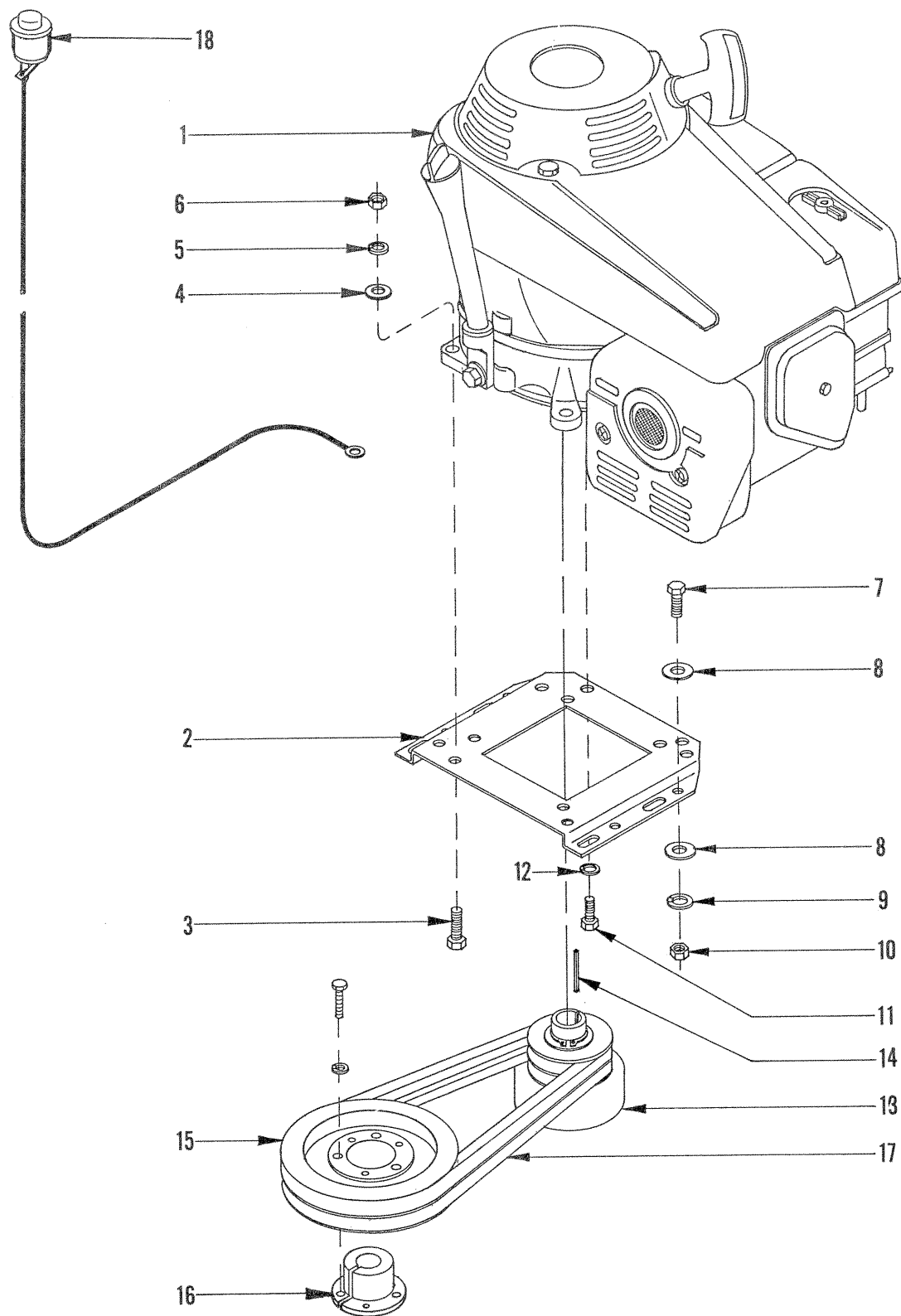
PARTS LISTING - ILLUSRTATION 5:
MOTOR & BELT DRIVE ASSEMBLY FOR 5 H.P. BALDOR

Item #	Part #	Description	Qty.
1		Motor, Baldor	1
	81026	5 H.P. - 1 Phase	
	81022	5 H.P. - 3 Phase	
2	10004	Nut 3/8-24	8
3	10811	Washer, Lock 3/8	8
4	10025	Washer, Flat 3/8	16
5	10021	Screw, Cap 3/8-24 x 1	8
6	77037	Mount, Motor	1
7	75010	Sheave 6.9"OD x 2Gr.B x SDS	1
8	10036	Bushing, Sheave SDS x 3/4"Bore	1
9	80024	Belt 4-6857 35"Cog	2
10	79023	Sheave 3"OD x 2Gr.B x 1-1/8"Bore	1
11	-----	Key 1/4"Sq. (Included W/ Motor)	
*12		Wire Harness (See Note)	1
	86024	10/3 x 36"LOA	
	86023	12/4 x 36"LOA	
13	10959	Connector, Strain Relief 3/4 NPT x .550"-.650" Range	3
14	10740	Conduit Lock Nut 3/4 NP	3
15	85045	Starter CA3-30 W/ Large Enclosure	1
16	10362	Screw, Machine 8-32 x 3/4	2
17	10462	Nut 8-32	2
18	10461	Washer, Internal Tooth #8	2
19	10850	Washer, Flat #10	2
20	86027	Mount Bracket, Large Starter	1
21	10846	Screw, Self-Tap 1/4-20 x 1/2	2
22	10038	Washer, Lock 1/4	2
*23		Wire Harness (See Note)	1
	86026	10/3 x 24"LOA	
	86022	12/4 x 24"LOA	
*24	40037	Plug, Locking 20A/250V	1
*25	40000	Plug Connector, Locking 20A/250V	1

* Note:

Plug and Connector (Items 24 & 25)
are not supplied on 3 phase units.
1-Phase units use 10/3 Wire Harness
3-Phase units use 12/4 Wire Harness

ILLUSTRATION 6 : ENGINE & BELT DRIVE ASSEMBLY



PARTS LISTING - ILLUSTRATION 6:
ENGINE & BELT DRIVE ASSEMBLY

Item #	Part #	Description	Qty.
1		Engine	1
	76004	Honda 11 H.P. GXV340 (Shown)	
	76028	B & S 12 H.P. IC (Not Shown)	
2	76023A	Mount, Engine	1
3	10342	Screw, Cap 5/16-18 x 1-1/2	2
4	10213	Washer, Flat 5/16	2
5	10801	Washer, Lock 5/16	2
6	10054	Nut 5/16-18	2
7	10021	Screw, Cap 3/8-24 x 1	4
8	10025	Washer, Flat 3/8	8
9	10811	Washer, Lock 3/8	4
10	10014	Nut 3/8-24	4
11	10048	Screw, Cap 5/16-24 x 3/4	2
12	10801	Washer, Lock 5/16	2
13	76024	Clutch, Centrifugal	1
		3.5"OD x 2 Groove x 1"Bore	
14	-----	Key 1/4 Sq. (Included W/ Engine)	
15	75010	Sheave 6.9"OD x 2Gr.B x SDS	1
16	10036	Bushing, Sheave SDS x 3/4"Bore	1
17		Belt	2
	10035	5L-330	
	80024	4-6857 35"Cog	
18	50010	Switch, Stop Button	1