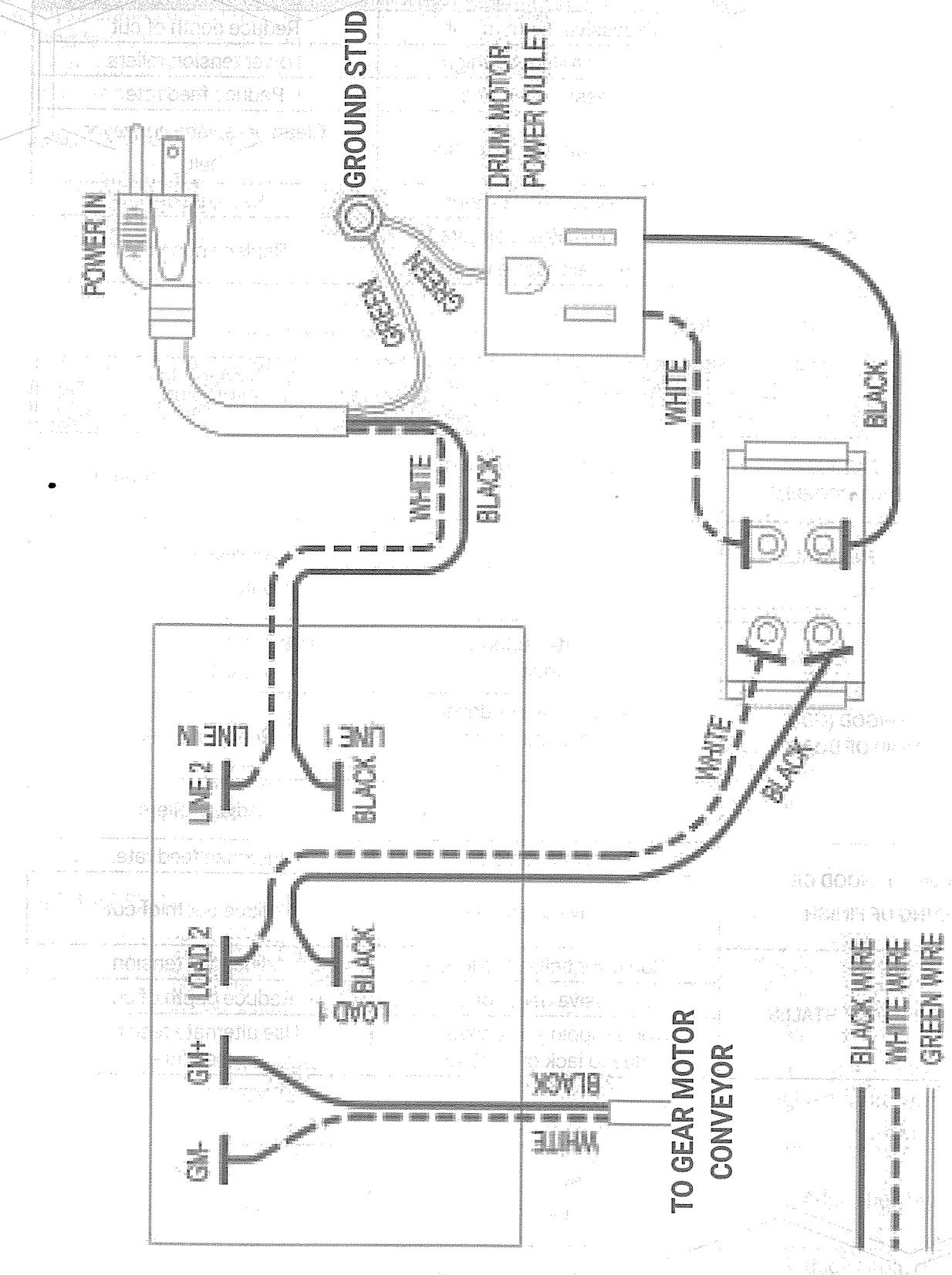


19-38 - WIRING DIAGRAM



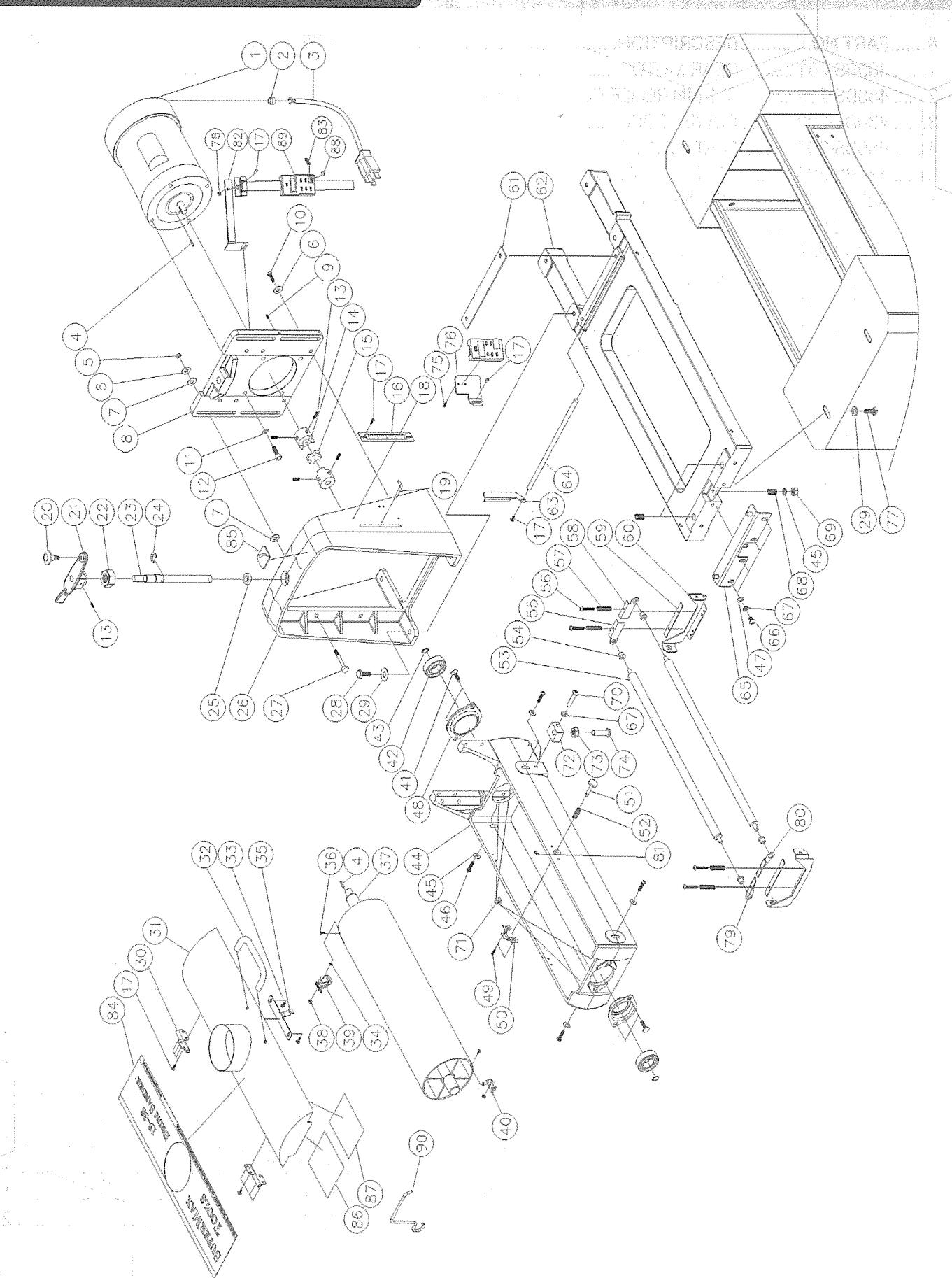
19-38 - PARTS LIST - HEAD ASSEMBLY

#.....PART NO.....	DESCRIPTION.....	SIZE.....	QTY.....
1.....480DS-101	MOTOR		1
480DS-101	MOTOR FAN COVER	1
2.....480BS-134	STRAIN RELIEF, MOTOR	7N-2.....	1
3.....480DS-103	MAIN CORD, MOTOR TO CONTROL BOX		1
4.....480BS-104	KEY	3/16" SQ X 3/4"	2
5.....480BS-105	NYLON INSERT LOCK NUT	5/16" - 24	4
6.....480BS-106	FLAT WASHER	5/16"	9
7.....480BS-107	OILITE WASHER		8
8.....480BS-108	MOTOR PLATE		1
9.....480BS-109	SET SCREW	#8-32 X 1/4"	1
10....480BS-110	HEX CAP SCREW	5/16" - 18X1-1/4"	6
11....480BS-111	LOCK WASHER	3/8"	4
12....480BS-112	SOCKET HEAD CAP SCREW	3/8" - 16X1-1/2"	4
13....480BS-113	SET SCREW	1/4"-20X1/4"	5
14....480BS-114	COUPLING		2
15....480BS-115	COUPLING SPIDER		1
16....480BS-116	DEPTH SCALE PLATE		1
17....480BS-117	SCREW, PHIL PAN HEAD	M4X0.7X6.....	14
18....480BS-118	LABEL, DEPTH SCALE (INCH)		1
19....480BS-119	DEPTH SCALE POINTER		1
20....480BS-120	KNOB		1
21....480BS-121	HEIGHT ADJUSTMENT HANDLE		1
22....480BS-122	NYLON INSERT LOCK NUT	5/8"-11	1
23....480BS-123	HEIGHT ADJUSTMENT SCREW		1
24....480BS-124	E-RING	E12	1
25....480BS-125	THRUST BEARING	51103	1
26....480BS-126	SHROUD		1
27....480BS-127	STUD		4
28....480BS-128	HEX CAP SCREW	3/8"-16X1-1/4"	4
29....480BS-129	FLAT WASHER	3/8"	8
30....480BS-130	HINGE		2
31....480DS-131	DUST COVER		1
32....480BS-132	HANDLE		1
33....480BS-133	PAN HEAD MACHINE SCREW	#8X1/2"	2
34....480DS-134	LOCK WASHER	M3	2
35....480BS-135	DUST COVER LATCH		1
36....480DS-136	PHILLIPS FLAT HEAD SCREW	M3X0.5X10	2
37....480DS-137	SANDING DRUM		1
38....480DS-138	NYLON INSERT LOCK NUT	M3X0.5	2
39....480DS-139	INBOARD (RIGHT) ABRASIVE FASTENER		1
40....480DS-140	OUTBOARD (LEFT) ABRASIVE FASTENER		1
41....480DS-141	CARRIAGE BOLT	5/16"-18X1	4
42....480DS-142	BEARING	6205ZZ	2
43....480DS-143	C-RING	S25	2
44....480DS-144	DRUM CARRIAGE		1
45....480BS-145	FLAT WASHER	1/4"	5

19-38 - PARTS LIST - HEAD ASSEMBLY

#.....	PART NO.....	DESCRIPTION.....	SIZE.....	QTY
46....	480BS-146	ROUND SOCKET HEAD CAP SCREW	1/4"-20X1"	4
47....	480BS-147	FLAT WASHER	5/16"	4
48....	480DS-148	BEARING SEAT		2
49....	480BS-149	HEX CAP SCREW WITH WASHER	#10-24X3/8"	2
50....	480BS-150	DUST COVER CATCH		1
51....	480BS-151	STUD		1
52....	480BS-152	SPRING		1
53....	480BS-153	TENSION ROLLER		2
54....	480BS-154	BUSHING, OILITE		4
55....	480BS-155	TENSION ROLLER BRACKET, INNER LEFT		1
56....	480BS-156	SCREW	#8-32X1"	4
57....	480BS-157	SPRING, TENSION ROLLER		4
58....	480BS-158	TENSION ROLLER BRACKET, INNER RIGHT		1
59....	480BS-159	PAD, BRACKET-TENSION ROLLER		2
60....	480BS-160	BRACKET		2
61....	480BS-161	PLATE		1
62....	480BS-162	BASE		1
63....	480BS-163	ADJUSTING LEVER (FAST)		1
64....	480BS-164	ADJUSTING ROD		1
65....	480BS-165	HEIGHT ADJUSTING PLATE		1
66....	480BS-166	ROUND SOCKET HEAD CAP SCREW	5/16"-18X1/2"	4
67....	480BS-167	LOCK WASHER	5/16"	5
68....	480BS-168	SPRING		3
69....	480BS-169	NYLON INSERT LOCK NUT	1/4"-20	1
70....	480DS-170	SOCKET HEAD CAP SCREW	M8X1.25X40	1
71....	480DS-171	HEX NUT WITH WASHER	5/16"-18	4
72....	480DS-172	BLOCK, MEASURING DEVICE		1
73....	480DS-173	HEX NUT	M12X1.75	1
74....	480DS-174	STOP BOLT		1
75....	480DS-175	SCREW	M3X0.5X6	2
76....	480DS-176	LOWER FIXED PLATE, DRO		1
77....	480BS-177	HEX CAP SCREW	3/8"-16X3/4"	4
78....	480DS-178	HEX NUT	M4X0.7	1
79....	480BS-179	TENSION ROLLER BRACKET, RIGHT		1
80....	480BS-180	TENSION ROLLER BRACKET, LEFT		1
81....	480BS-181	E-RING	E5	1
82....	480DS-182	UPPER FIXED PLATE, DRO		1
83....	480DS-183	BATTERY COVER		1
84....	480DS-184	LABEL		1
85....	480BS-185	HEIGHT DIRECTION LABEL		1
86....	480BS-186	MAINTENANCE LABEL		1
87....	480BS-187	WARNING LABEL		1
88....	480DS-188	BATTERY		1
89....	480DS-189	DIGITAL READOUT ASSEMBLY (OPTIONAL)		1
90....	635DS-280	FASTENER TOOL (OPTIONAL)		1

19-38 - HEAD ASSEMBLY



19-38 - PARTS LIST - CONVEYOR AND MOTOR

#.....PART NO.....	DESCRIPTION.....	SIZE.....	QTY
1.....480BS-201	GEAR MOTOR.....	90 VDC.....	1
2.....480DS-202	STRAIN RELIEF, POWER CORD.....	6P3-4.....	1
3.....480DS-203	POWER CORD.....		1
4.....480BS-204	FLAT WASHER.....	5/16".....	4
5.....480BS-205	SOCKET HEAD CAP SCREW.....	#10-32X1/2".....	4
6.....480BS-206	TRACKER KIT (OPTIONAL).....		2
7.....480BS-207	KNOB.....		1
8.....480BS-208	SPEED ADJUSTEMENT LABEL.....		1
9.....480BS-209	WIRING GUARD.....		1
10.....480DS-210	CONTROLLER.....		1
11.....480DS-211	CONTROL HOUSING BRACKET.....		1
12.....480BS-212	PAN HEAD SELF-TAPPING SCREW.....	5/32"X1/2".....	2
13.....480DS-213	RECEPTACLE, MAIN CORD.....		1
14.....480BS-214	SCREW.....	#10-32X1/2".....	1
15.....480BS-215	WASHER, LOCK-INT. TOOTH.....	#10.....	2
16.....480BS-216	HEX NUT.....	#10-32.....	2
17.....480BS-217	SCREW, HEX HEAD SLOTTED.....	#10-32X3/8".....	5
18.....480BS-218	SCREW, PHIL PAN HEAD.....	#6-32X1/2".....	2
19.....480BS-219	SWITCH ON/OFF.....		1
20.....480BS-220	COUPLER, SHAFT.....		1
21.....480BS-113	SET SCREW.....	1/4"-20X1/4".....	2
22.....480BS-222	BRACKET, BASE-CONTROLLER.....		1
23.....480BS-223	COVER, BASE-CONTROL HOUSING.....		1
24.....480BS-224	HEX CAP SCREW.....	1/4"-20X3/4".....	12
25.....480BS-225	WASHER,WAVE.....	1/4".....	4
26.....480BS-145	FLAT WASHER.....	1/4".....	4
27.....480BS-227	BRACKET, TAKE UP-SLIDE.....		2
28.....480BS-154	BUSHING, OILITE.....		4
29.....480BS-229	ROLLER, DRIVEN.....		1
30.....480BS-230	WRENCH.....		2
31.....480BS-231	HEX NUT.....	1/4"-20.....	2
32.....480BS-232	WASHER, LOCK-INT. TOOTH.....	1/4".....	2
33.....480BS-233	SCREW, ROUND HEAD-SLOTTED.....	1/4"-20X1-3/4".....	2
34.....480BS-234	BRACKET, TAKE UP-BASE.....		2
35.....480BS-167	LOCK WASHER.....	5/16".....	4
36.....480BS-236	ROLLER, DRIVE.....		1
37.....480BS-237	BRACKET, SUPPORT-DRIVE ROLLER.....		1
38.....480BS-238	BED, CONVEYOR.....		1
39.....480BS-239	SOCKET HEAD CAP SCREW.....	5/16"-18X3/4".....	2
40.....480DS-240	BELT CONVEYOR, ABRASIVE (NOT SHOWN).....		1
41.....480BS-204	FLAT WASHER.....	5/16".....	1
42.....480BS-242	HEX NUT.....	5/16"-24.....	1
43.....480BS-243	SLOTTED SET SCREW.....	#8-36X5/16".....	1
44.....480BS-244	STRAIN RELIEF, GEAR MOTOR.....	6N-4.....	1
45.....480BS-245	HEX NUT.....	5/16"-18.....	2

19-38 - CONVEYOR AND MOTOR

