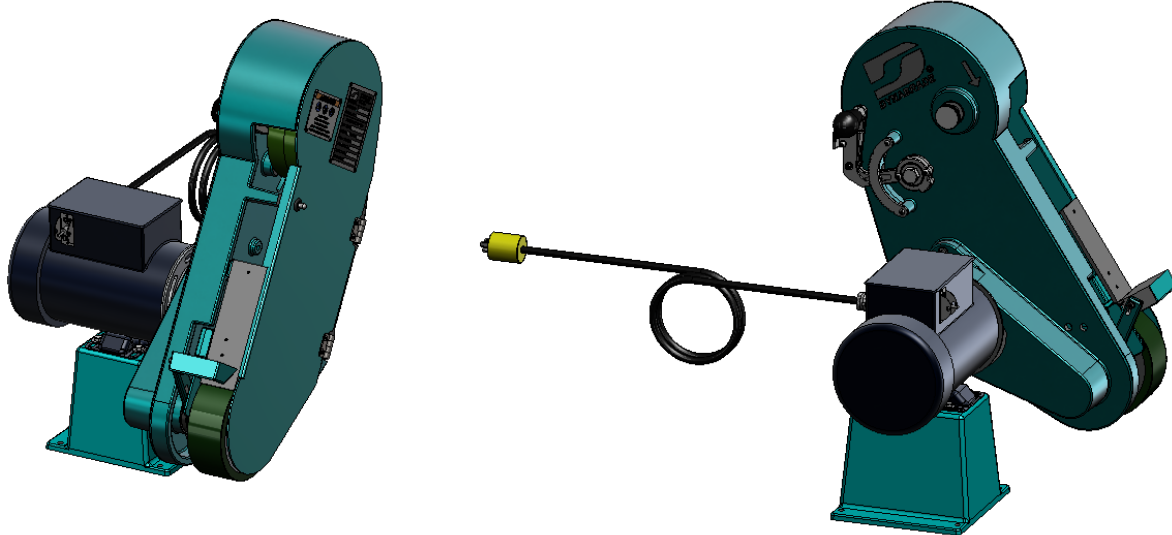


2 Wheel Belt Grinder

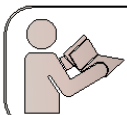
Tool Manual - Safety, Operation and Maintenance

SAVE THIS DOCUMENT, EDUCATE ALL PERSONNEL



Model Number	Motor hp	FLA	Voltage	Phase	Frequency	SFPM (SM/Min)	Sound Level	Weight Pound	Height Inch	Width Inch	Length Inch
67800	1.5	12.1	115	1	60	8000	85 dB(A)	110	29	21	29
67801	1.5	6	230	1	60	8000	85 dB(A)	110	29	21	29
67802	1.5	4.6	230	3	60	8000	85 dB(A)	110	29	21	29
67803	1.5	2.3	460	3	60	8000	85 dB(A)	110	29	21	29
67804	3	7.6	230	3	60	8000	85 dB(A)	120	29	21	29
67805	3	3.8	460	3	60	8000	85 dB(A)	120	29	21	29
67806	1.5	15.2	115	1	60	4000	72 dB(A)	110	29	21	29
67807	1.5	7.6	230	1	60	4000	72 dB(A)	110	29	21	29
67808	1.5	4.8	230	3	60	4000	72 dB(A)	110	29	21	29
67809	1.5	2.4	460	3	60	4000	72 dB(A)	110	29	21	29
67810	3	8.6	230	3	60	4000	72 dB(A)	120	29	21	29
67811	3	4.3	460	3	60	4000	72 dB(A)	120	29	21	29
67812	1.5	20	115	1	60	800-8000	85 dB(A)	110	29	21	29
67813	1.5	10	230	1	60	800-8000	85 dB(A)	110	29	21	29

SAFETY LEGEND



⚠ WARNING

Read and understand tool manual before work starts to reduce risk of injury to operator, visitors and tool.

⚠ WARNING

Practice safety requirements. Work alert. have proper attire and do not operate tools under the influence of alcohol or drugs



⚠ WARNING

Eye protection must be worn at all times, eye protection to conform to ANSI Z87.1

⚠ WARNING

Ear protection to be worn when exposure to sound, exceeds the limits of applicable Federal, State or Local statutes, ordinances and/or regulations



⚠ WARNING

Respiratory protection to be used when exposed to contaminants that exceed the applicable threshold limit values required by law

⚠ WARNING

Electric shock hazard. Avoid bodily contact with grounded objects, bodies of water. Do not damage cord set.



IMPORTANT SAFETY INSTRUCTIONS

When operating this equipment, basic precautions should always be strictly followed including the instructions listed below:

Carefully Read and save all instructions before operating or servicing any Dynabrade® Abrasive Power Tool.

Products offered by Dynabrade are not to be modified, converted or otherwise altered from the original design without expressed written consent from Dynabrade, Inc.

Warning: When using electric tools, basic safety precautions should always be followed to reduce the risk of a fire, electric shock, and personal injury, including the following:

1. **Keep work area clean.** Cluttered areas and benches invite accidents.
2. **Consider work area environment.** Do not expose tools to rain. Keep work area well lit. Do not use power tools in damp or wet locations. Do not use tools in the presence of flammable liquids or gases.
3. **Guard against electric shock.** Be certain machine is adequately grounded before operating.
4. **Keep children away.** Do not let visitors contact tool. All visitors should be kept away from work area.
5. **Do not force tool.** It will do a better and safer job at its intended rate.
6. **Use the right tool.** Do not force a small tool or attachment to do the job of a heavy duty tool. Do not use tool for purposes not intended.
7. **Dress properly.** Do not wear loose fitting clothing or jewelry. Clothes can be caught in moving parts. Wear protective hair covering to contain long hair.
8. **Use safety glasses.** Also use face-shield or dust mask if operation area is dusty.
9. **Do not abuse cord.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
10. **Do not overreach.** Keep proper footing and balance at all times.
11. **Maintain tools with care.** Keep tools clean for better use and safer performance. Follow instructions for changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.
12. **Do not leave tool running.** Disconnect tools when not in use, before servicing, when changing belts, contact arms, etc.
13. **Remove keys and wrenches.** Form a habit of checking to see that all keys and adjusting wrenches are removed from tool before turning it on.
14. **Avoid accidental starting.** Be sure switch is off when plugging in.
15. **Out-door use extension cords.** When tool is used outdoors, use only extension cord suitable for outdoor use. They should be marked with the suffix W-A (for UL) or W (for CSA in Canada).
16. **Stay alert.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
17. **Check damaged parts.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, breakage of moving parts, binding of moving parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced. Do not use tool if switch does not turn tool on or off.
18. **Avoid gaseous areas.** Do not operate electric tools in gaseous or explosive atmospheres. Switches can create spark, and the sparks can ignite fumes.
19. **Do not alter or misuse tool.** This tool is precision built. Any alteration or modification not specified is misuse and may result in a dangerous condition. Only these accessories and attachments that are found in this instruction manual are acceptable for use with this tool. The use of any other accessory or attachment might present a risk to the operator.
20. **Replacement parts.** When servicing, use only identical replacement parts. When ordering replacement parts, please specify model and serial numbers of your machine.
21. **Do not operate tool without guards.** Always replace guards after changing accessory or abrasive belt.
22. **Do not mix grind material.** There is a potential combustion hazard if ferrous and non-ferrous grinding dust is mixed. Clean inside machine between materials.
23. **Use hearing protection.** Permanent hearing loss can result from high process noise levels.
24. **Use correct width abrasive belt.** Using abrasive belt that is narrower than the contact wheel can cause snagging of the workpiece.
25. **Mount tool securely.** Always fasten tool to bench or other support structure to prevent tipping.

Voltage Warning:

Before connecting the tool to a power source (receptacle, outlet, etc.), be sure the voltage supplied is the same as what is specified on the nameplate of the tool. A power source with greater than that specified for tool can result in **serious injury** to the user as well as damage to the tool. Using a power source with voltage less than the nameplate rating is harmful to the tool's motor. If in doubt, **do not plug in the tool.**

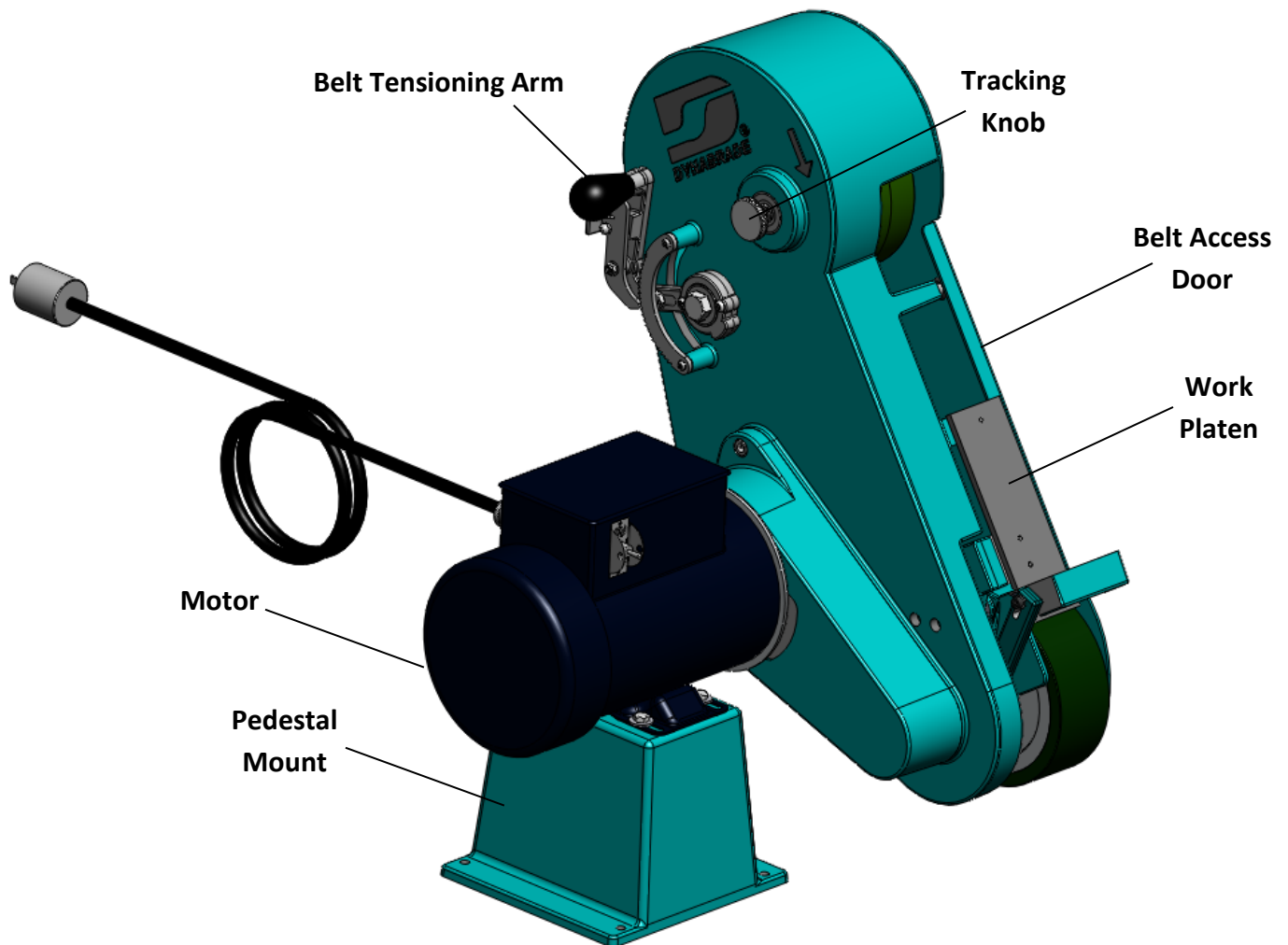
Polarized Plugs:

To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

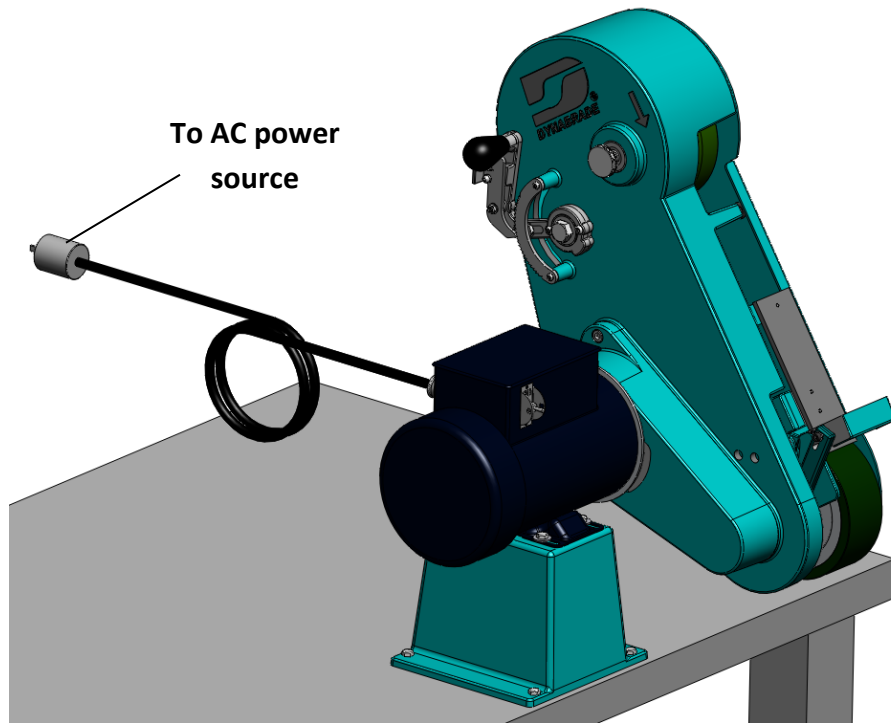
Warning: Keep extension away from the immediate working area.

The 67800 Series Two-Wheel Belt Grinding Machine will be pallet shipped to its destination. The following details will describe the steps required for initial setup. Read manual and inform anyone that will be in the area about proper operation and safety.

- After receiving machine verify contents of crate and what is stated on the packing slip.
- Make sure product was not damaged in anyway while being delivered.
- Verify AC power is consistent with the model ordered
- Do not modify plug. Please consult an electrician and/or Dynabrade, Inc. prior to changing voltages.
- Verify guards are in place and are adjusted properly

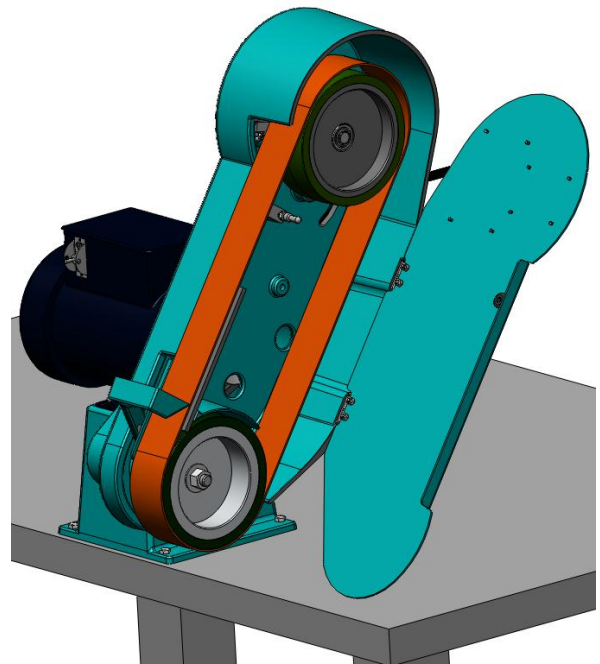
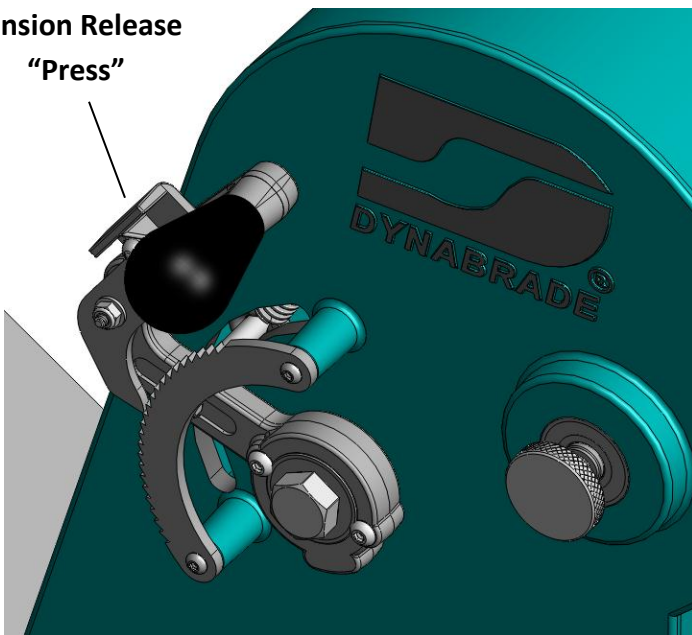


After assembly each machine is fully tested prior to leaving the factory. Follow the initial steps prior to full use. 1. With machine or pedestal securely bolted to appropriate surface connect the AC power to its source.



With Power off, install desired abrasive belt on machine. Begin by releasing tension on assembly to allow for clearance and belt to slip on to two wheel assembly as shown.

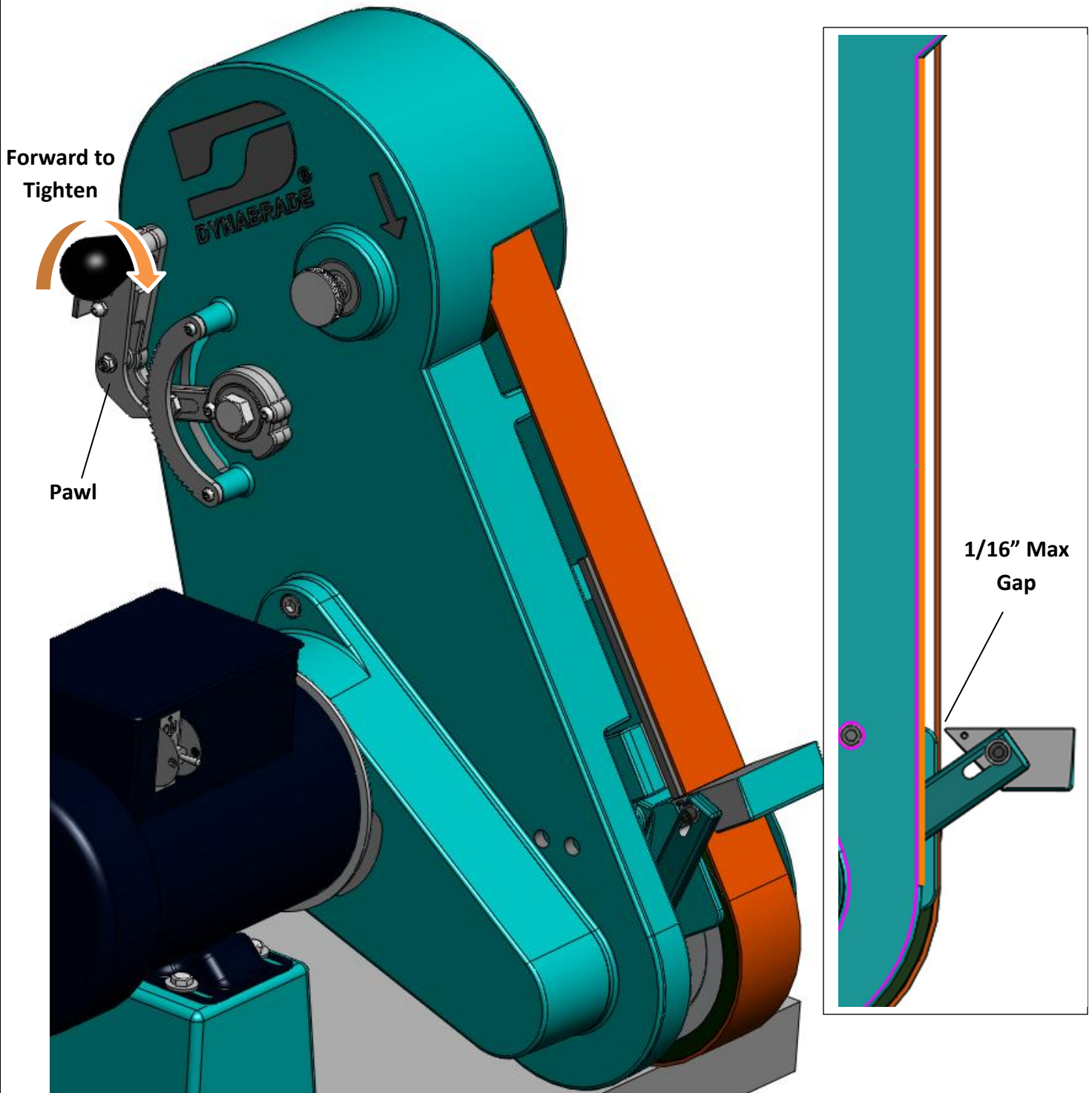
Tension Release
"Press"



Versatile Two-Wheel Belt Grinding Machine

Setup

Verify that abrasive belt is tensioned properly. To do this pull the tension handle towards operator. The pawl will lock into the ratchet as you continue to pull the arm forward. To release the belt tension slightly pull forward on the tensioning arm and hold the finger release down. Move the tensioning arm down slightly to reduce belt tension or all the way down to release belt tension. Continue by adjusting the work rest and work rest arm to the desired position. Be sure the gap between the work rest and belt is never greater than 1/16 inch.



Power Source

Next you will need to provide a power source for your machine. Refer to the table below, as the model number will be used to determine the voltage rating for your specific machine. Do not attempt to wire the machine for any other voltage other than that stated for your model.

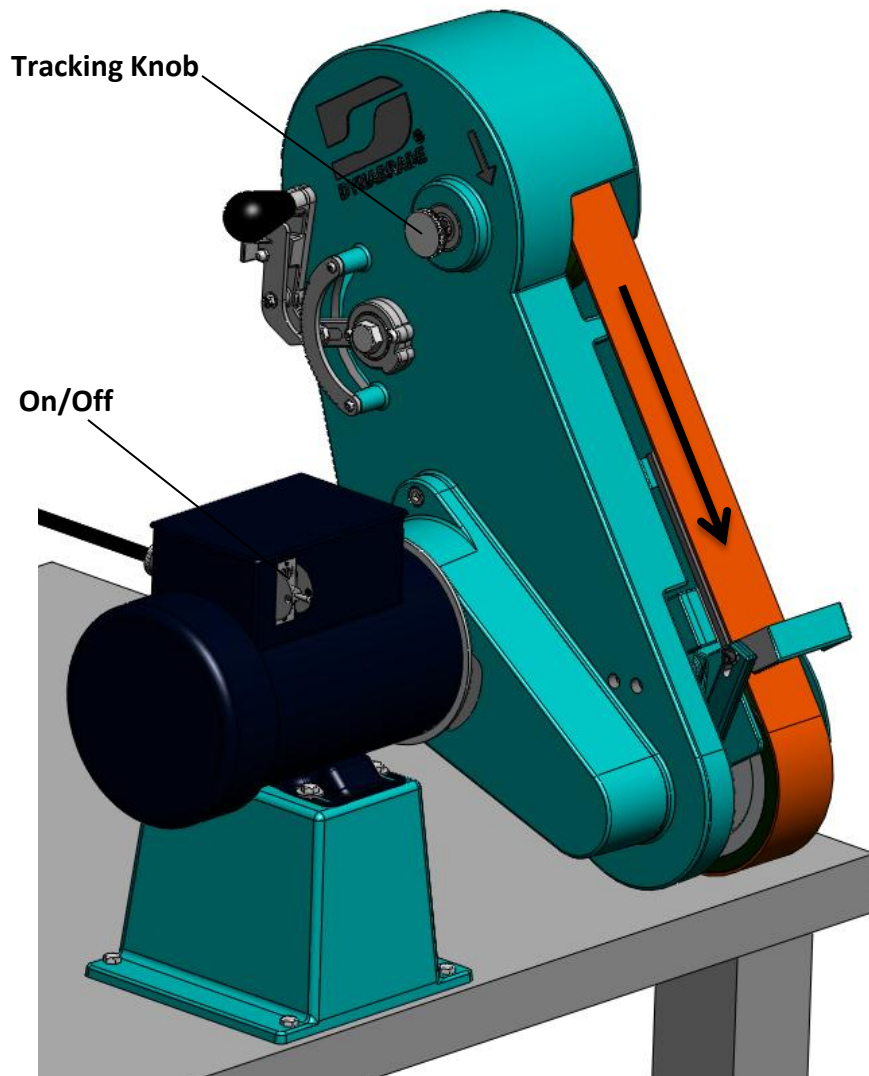
Model	Voltage	Phase	Plug Provided	Part Number
67800, 67806, 67812. 67900, 67906, 67912.	115 volt	1 Phase	 5-20P	98398
67801, 67807, 67813. 67901, 67907, 67913.	230 volt	1 Phase	 NEMA L6-30P	98601
67802, 67804, 67808, 67810. 67902, 67904, 67908, 67910.	230 volt	3 Phase	Wiring to be provided by customer.	
67803, 67805, 67809, 67811. 67903, 67905, 67909, 67911.	460 volt	3 Phase		

Engage the motor by placing the ON/OFF switch to ON. The belt should rotate smoothly in a CCW direction about the machine wheel belt path (down towards the floor). If either of these conditions are not met turn the machine OFF immediately.

- a. If abrasive belt is running in the opposite direction, up from the ground instead of down towards it, the motor is running in the wrong direction. To solve this first disconnect the machine from its AC power source.
 - i. To reverse the direction for models with a three phase motor switch any two legs of the input power lines.
- b. In the event that the belt does not remain centered on the contact wheel while machine is running, use the tracking knob to adjust the tracking of the belt. Turning the knob CW and CCW will in turn move the belt left and right respectively.

Note: If the belt is tensioned far beyond a normal amount the tracking system may not be able to bring the belt to a safe and centered operating position. Slightly reduce the tension to resume normal tracking adjustment.

Utilize tracking knob to fine tune your belt location to platen before beginning to grind work piece.



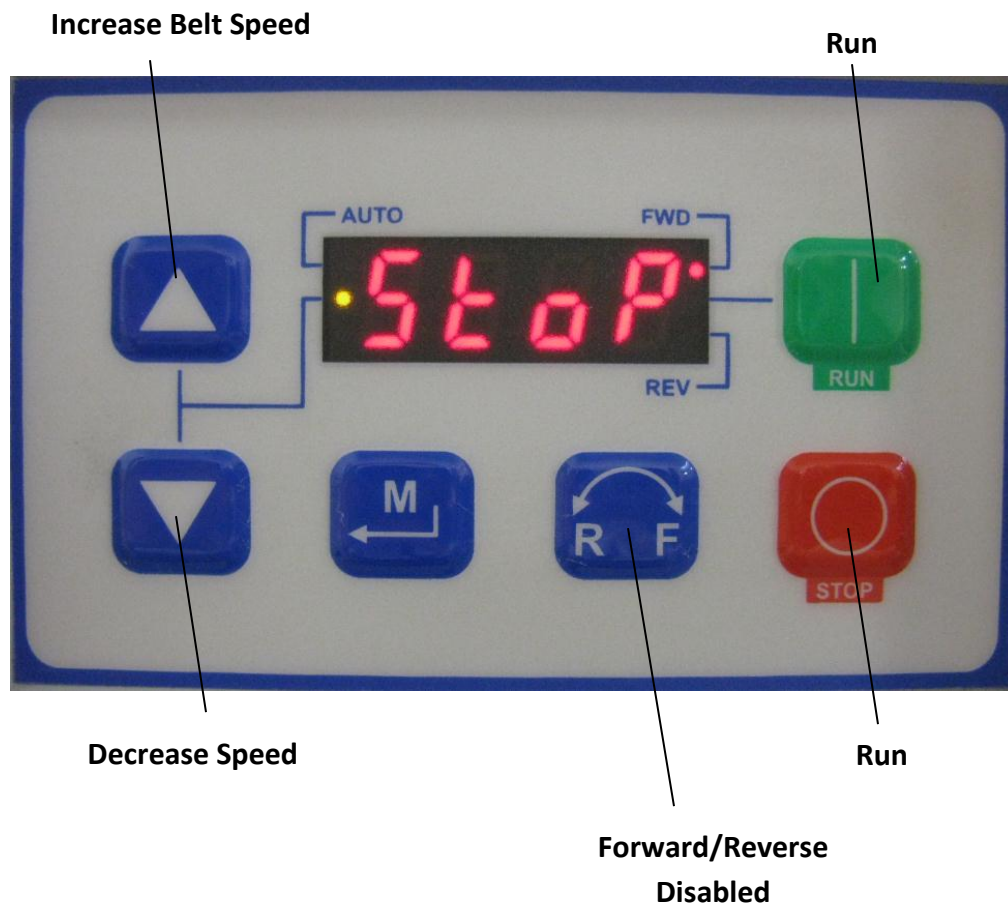
If your machine comes equipped with a magnetic starter, See below control guide for tool operation.

Run

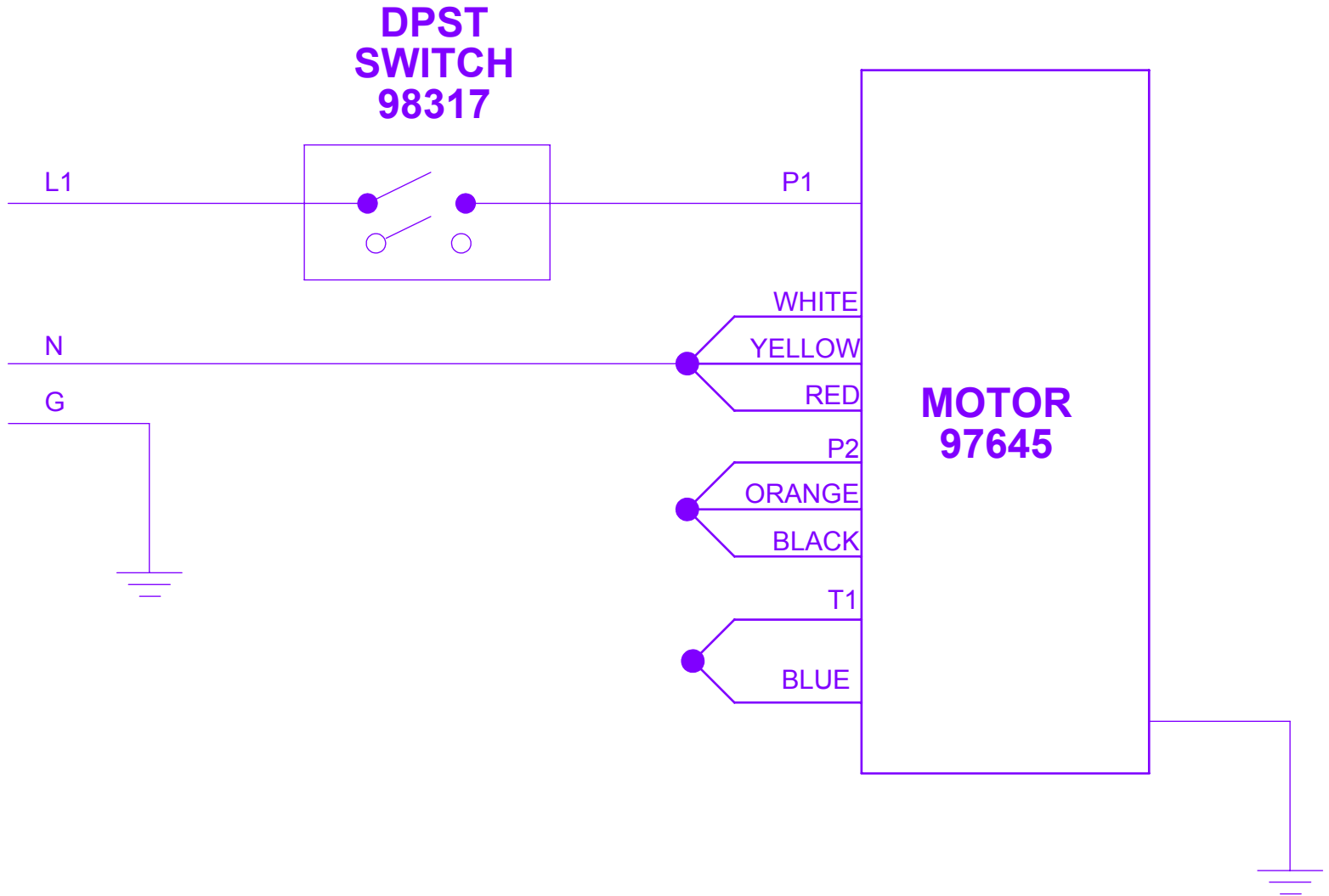
Stop



If your machine come equipped with a variable speed control, See below guide for tool operation. Be aware that you can **Increase** or **decrease** belt speed before start up or during run mode.

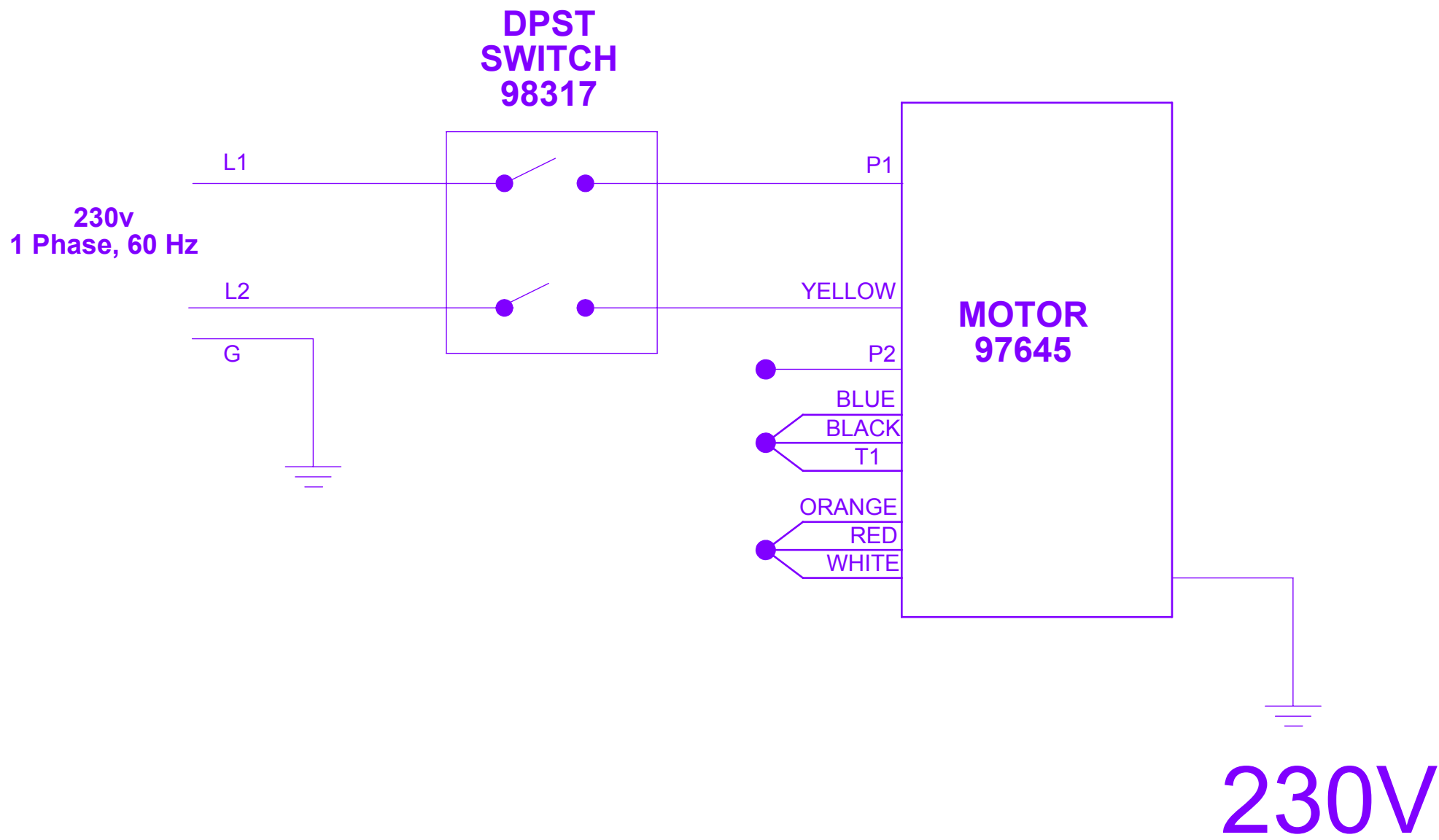


115v
1 Phase, 60 Hz

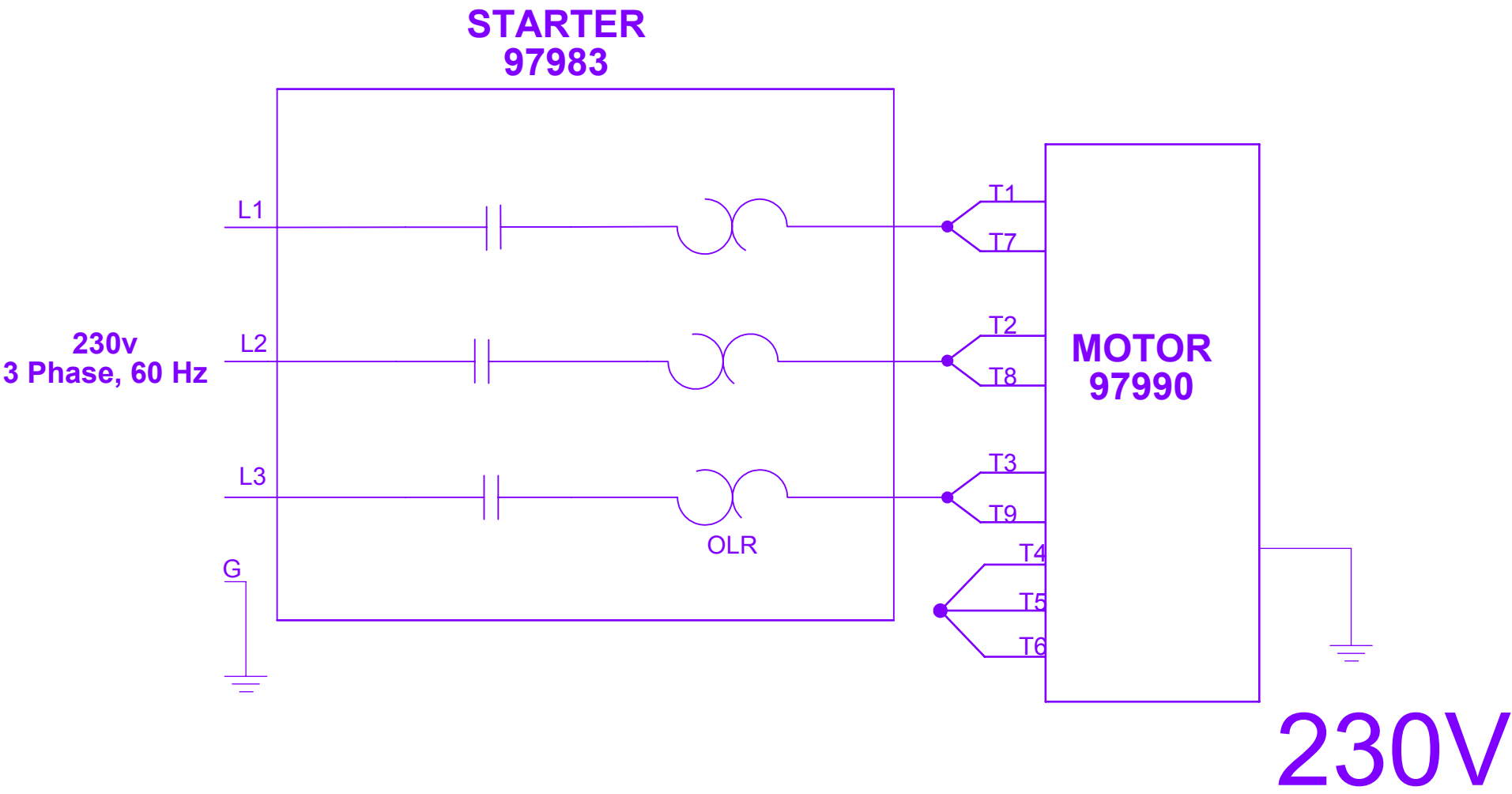


67800

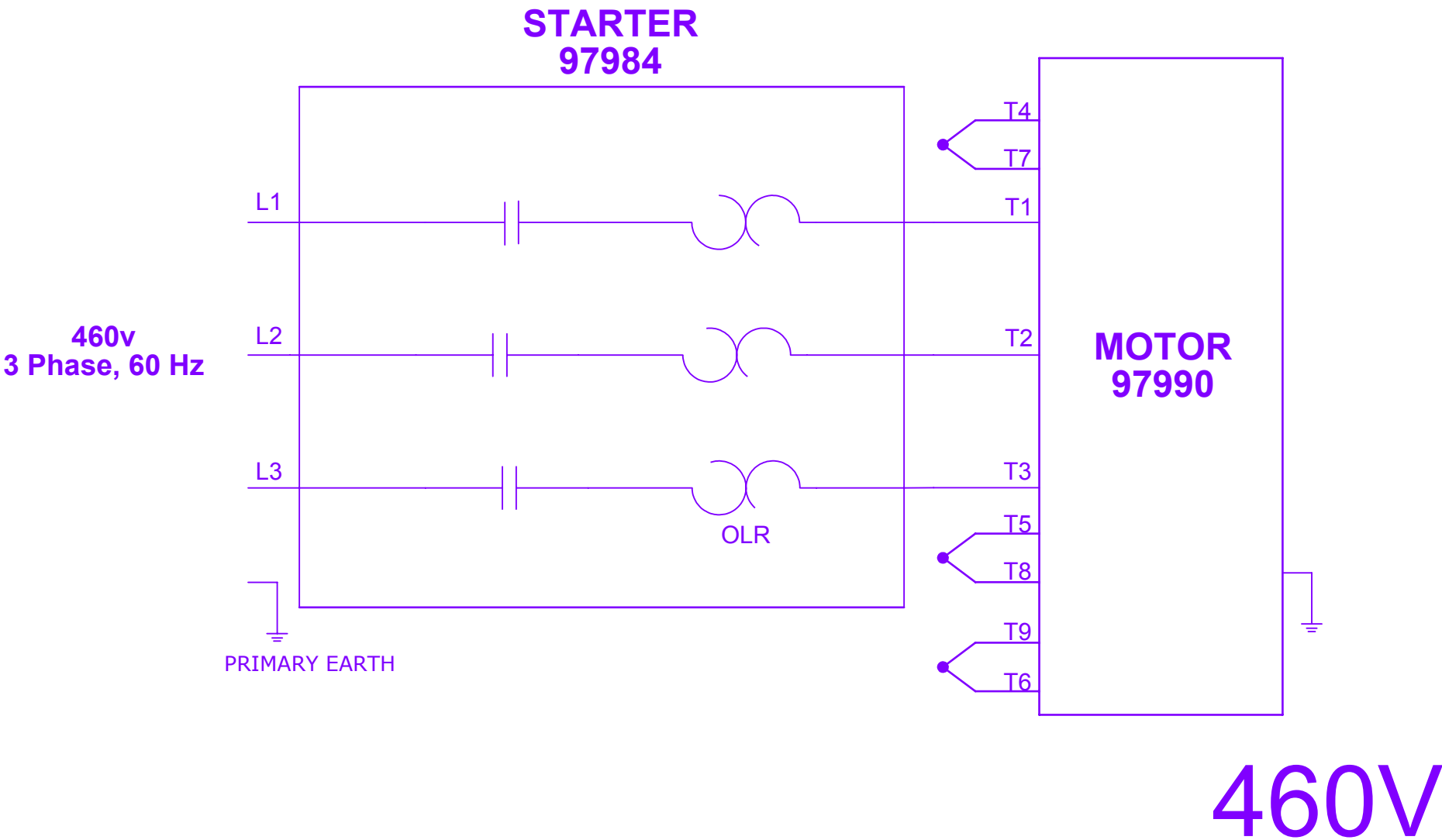
67801



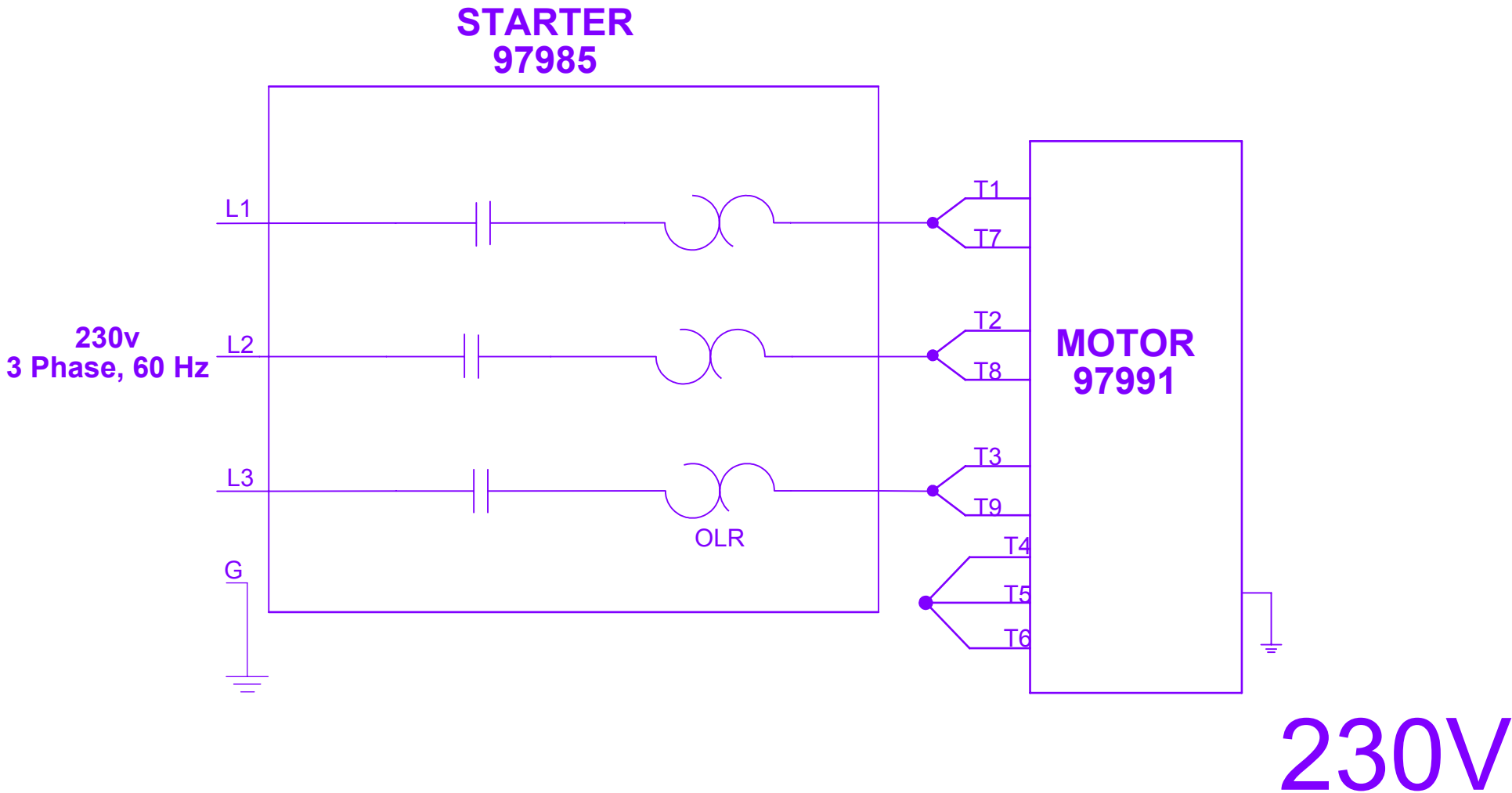
67802



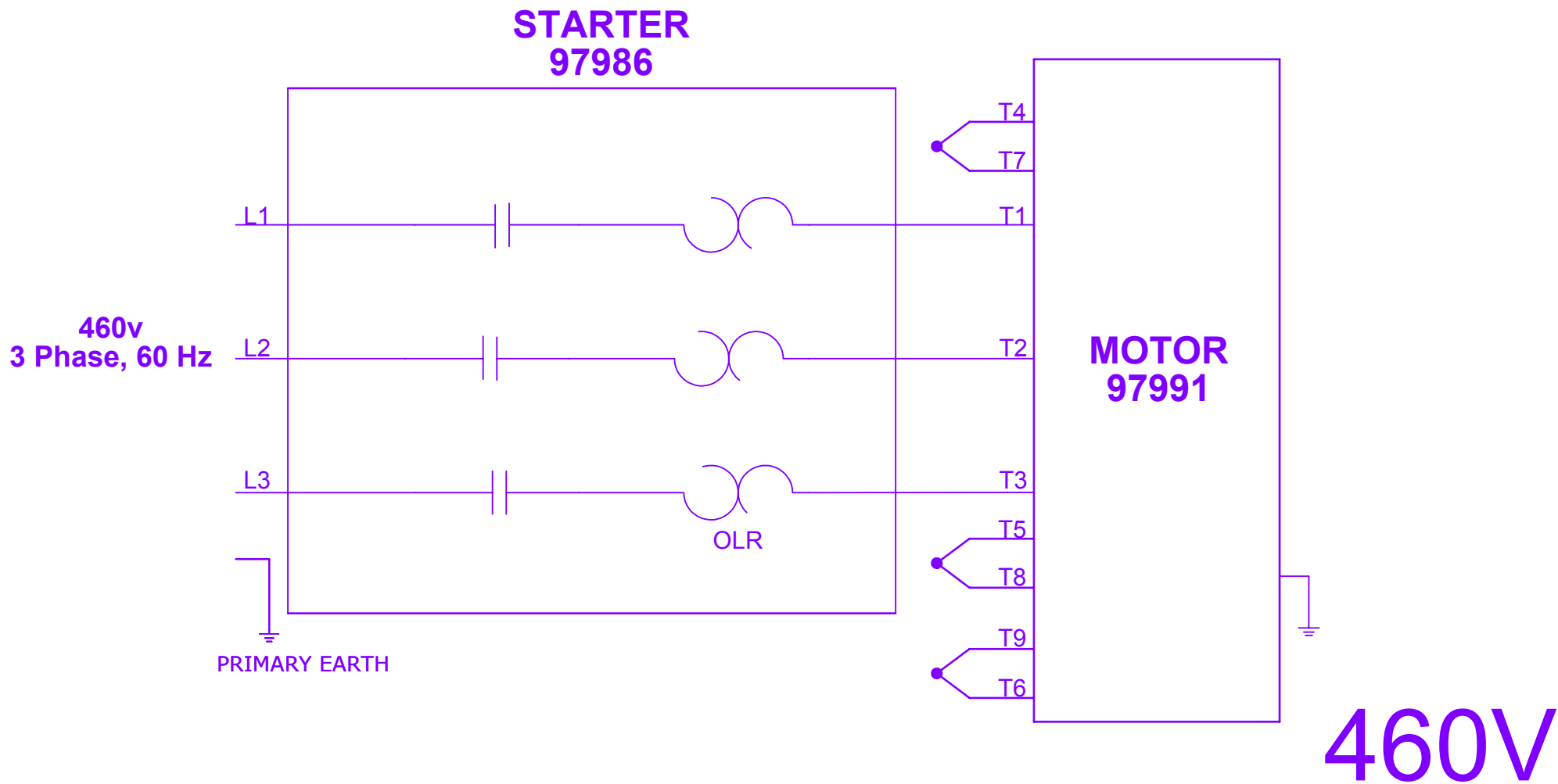
67803



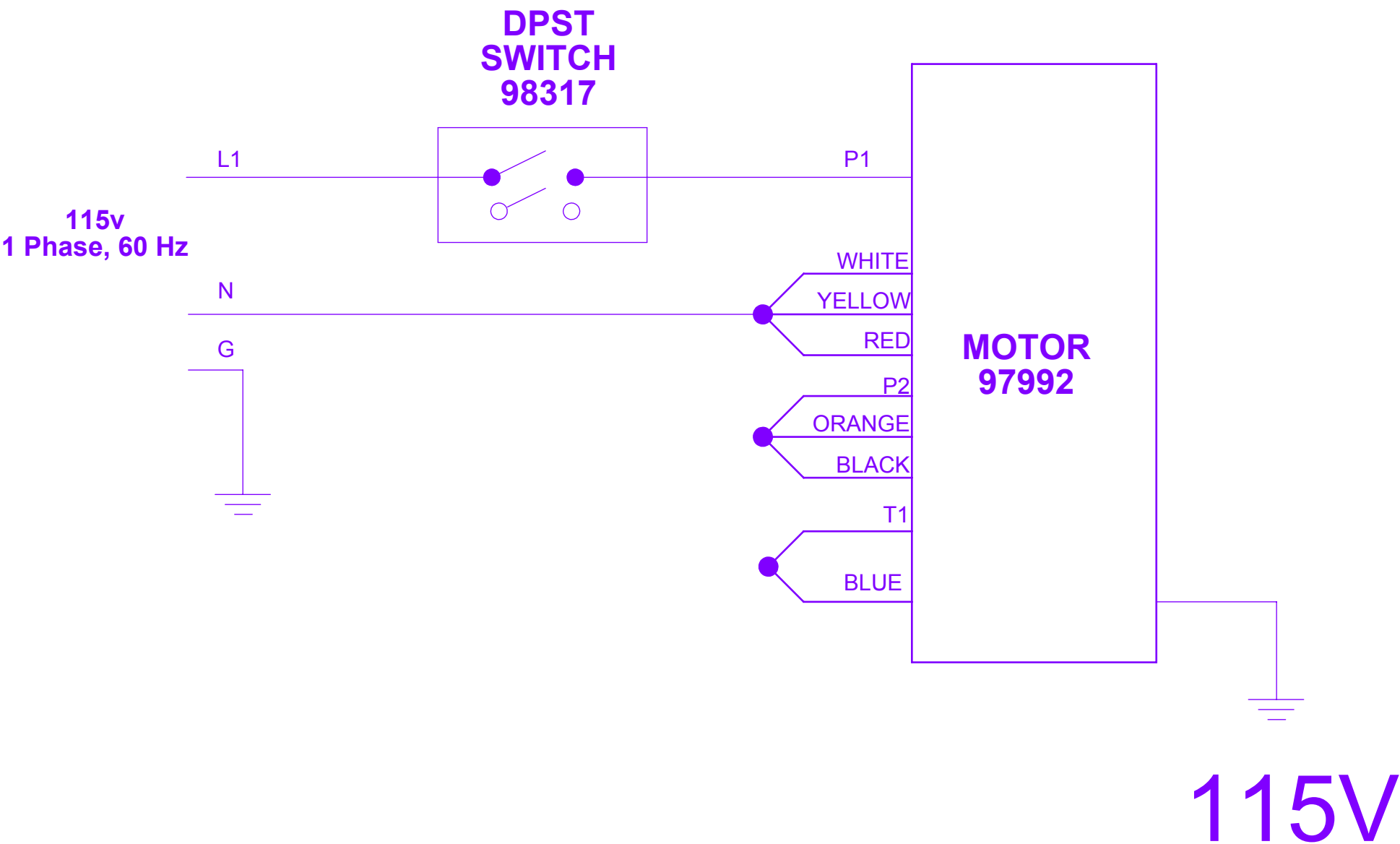
67804



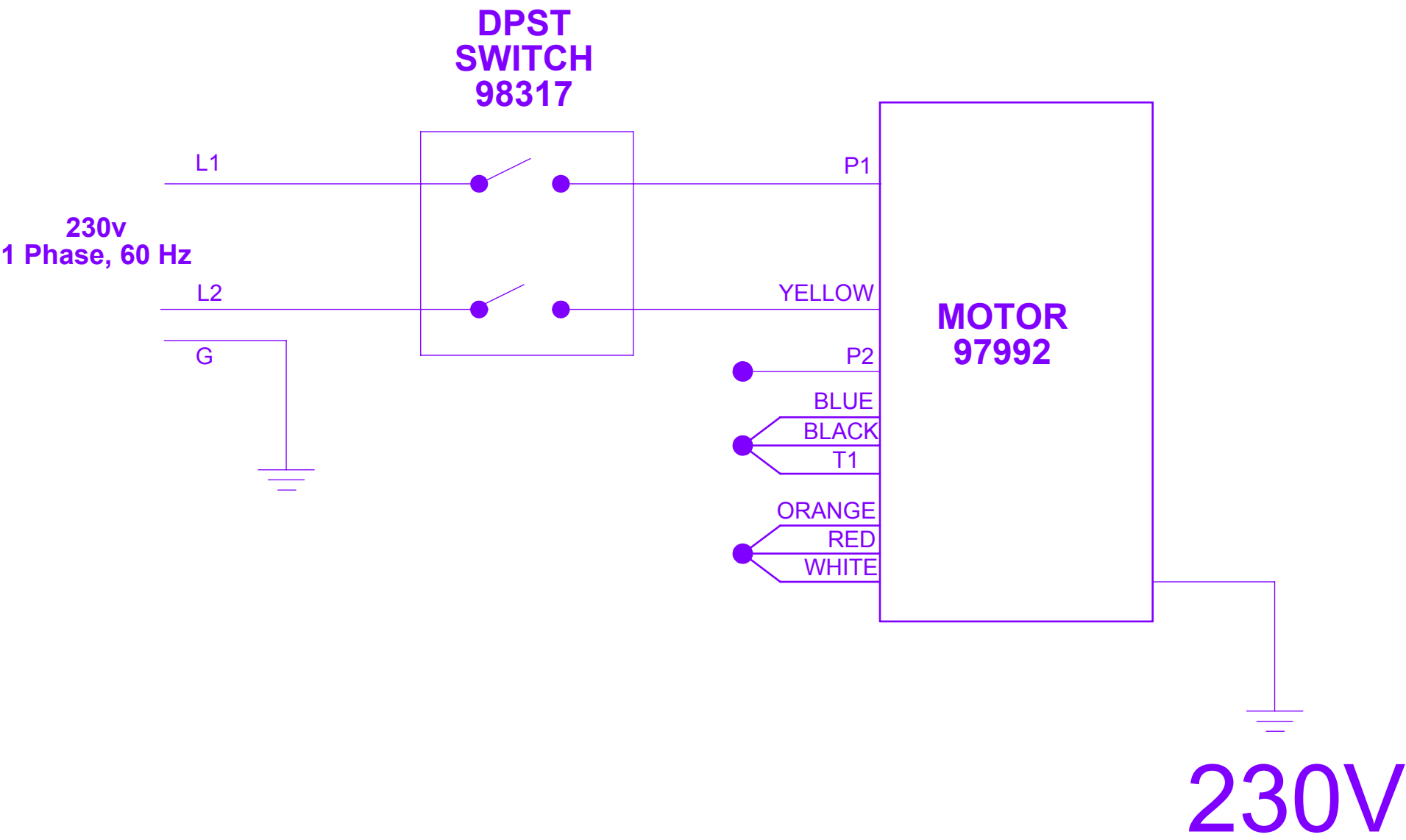
67805



67806



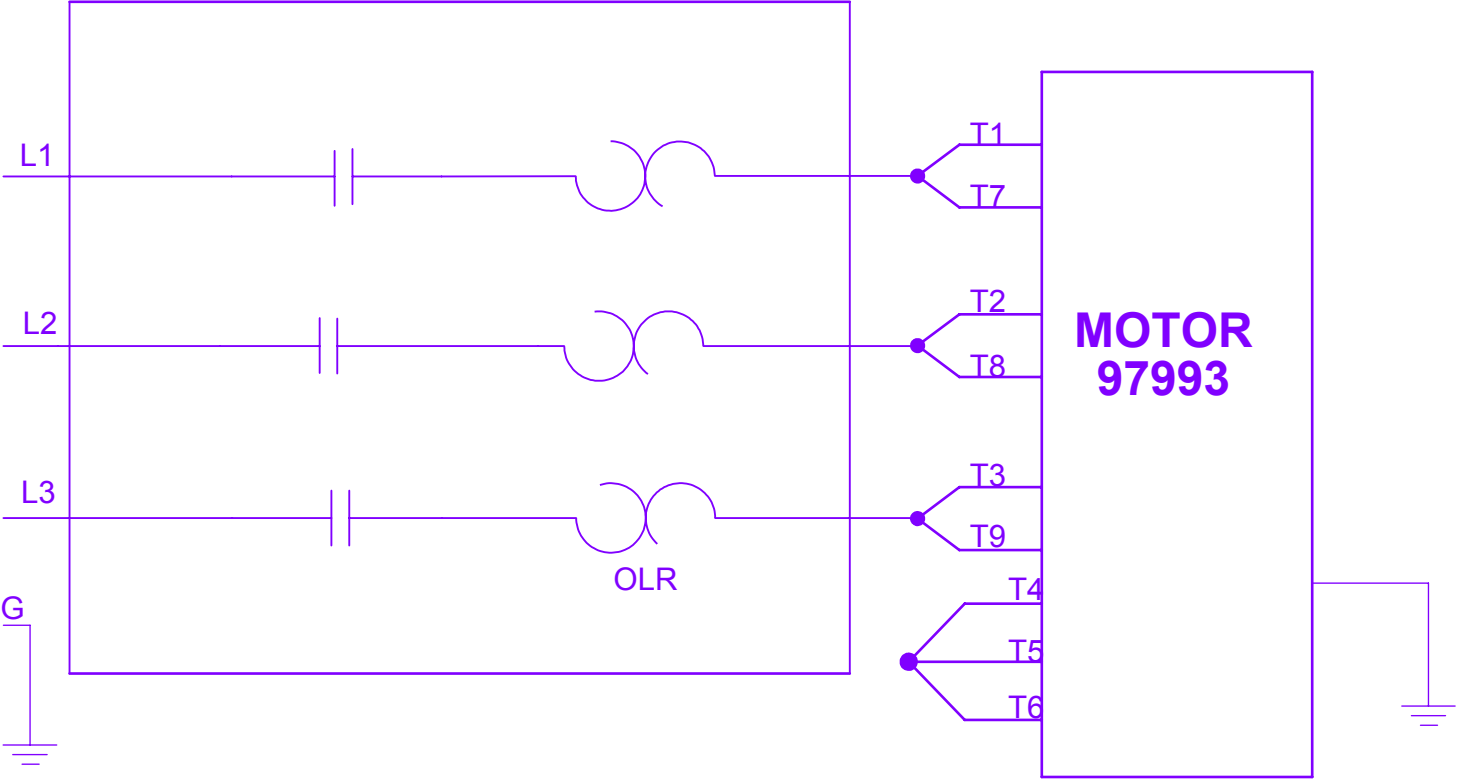
67807



67808

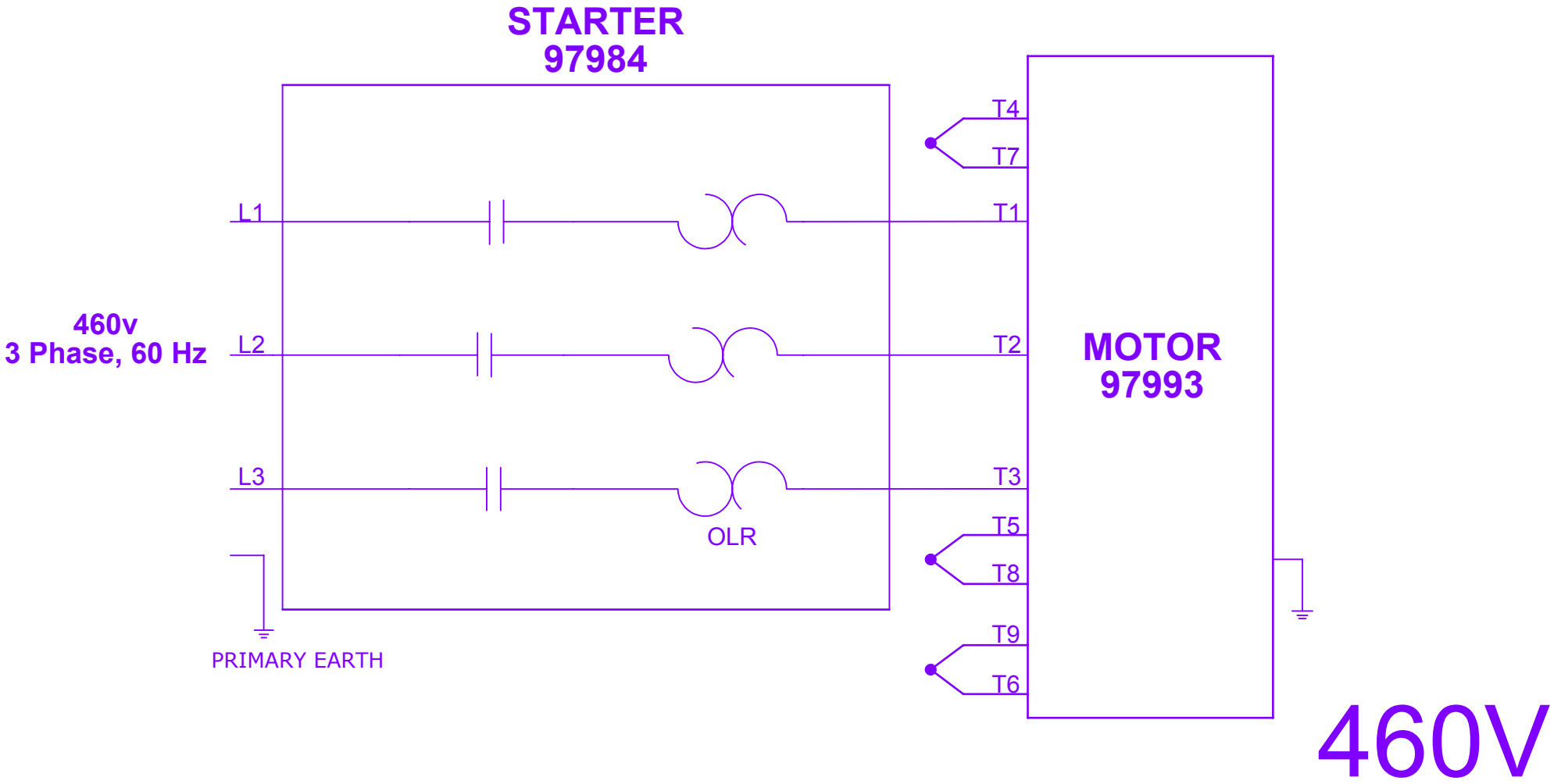
STARTER
97983

230v
3 Phase, 60 Hz



230V

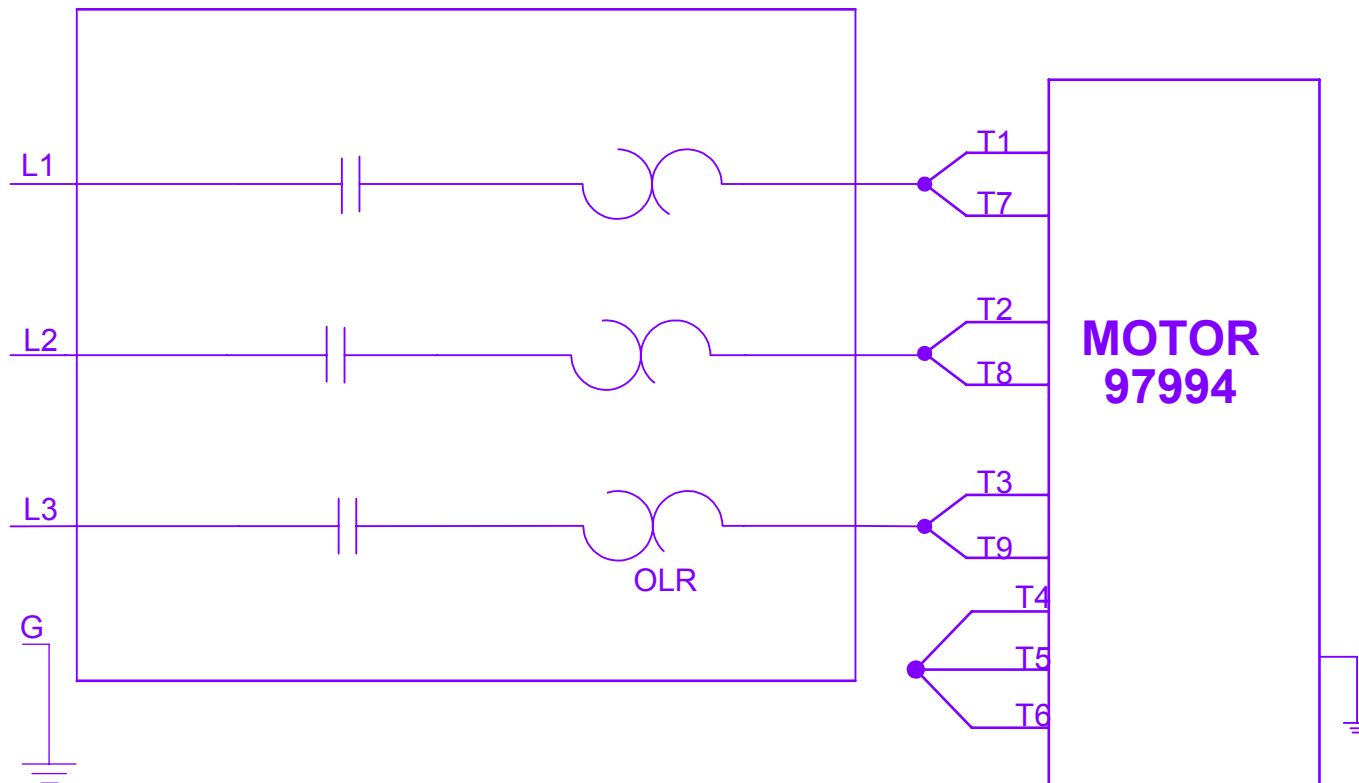
67809



67810

**STARTER
97985**

230v
3 Phase, 60 Hz

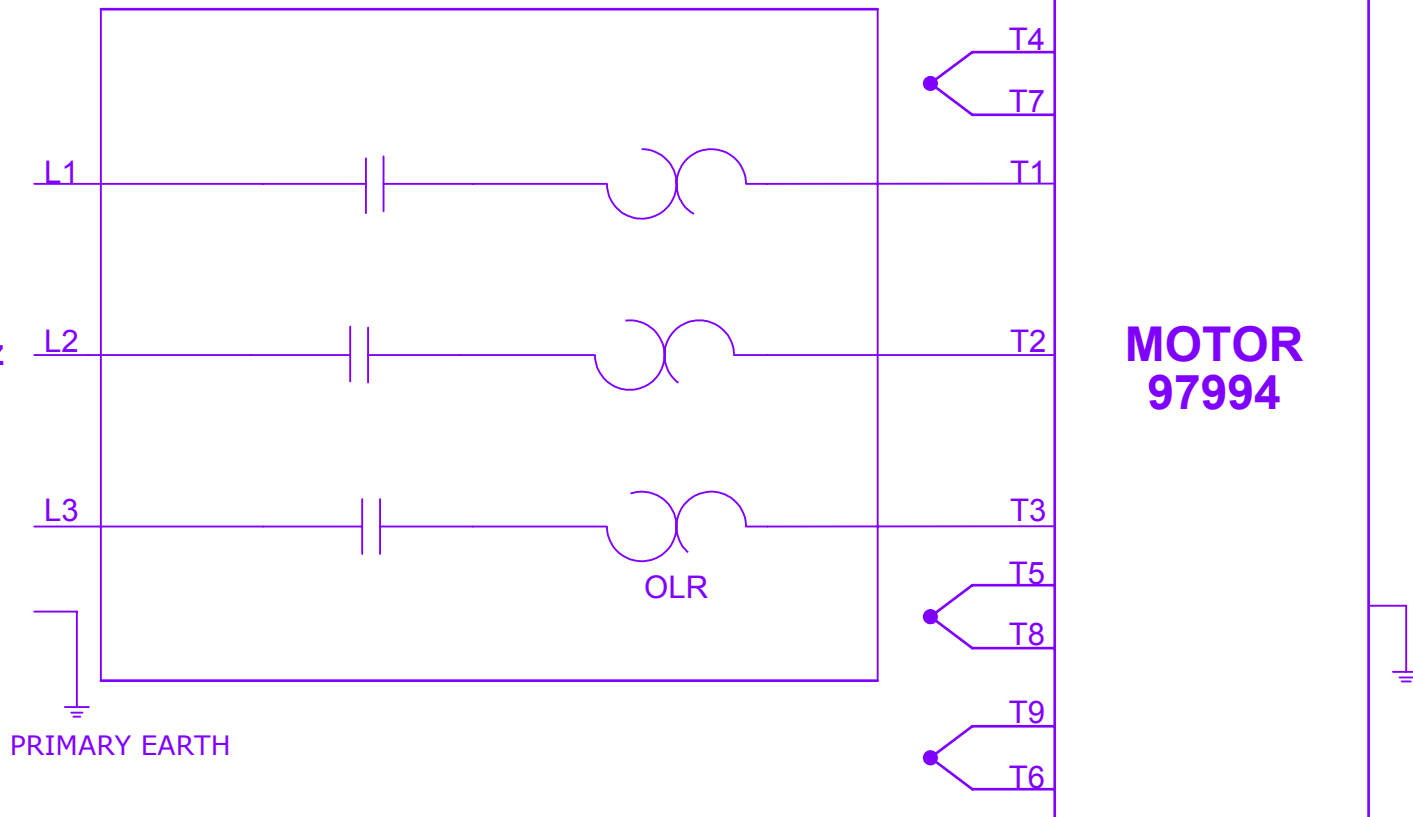


230V

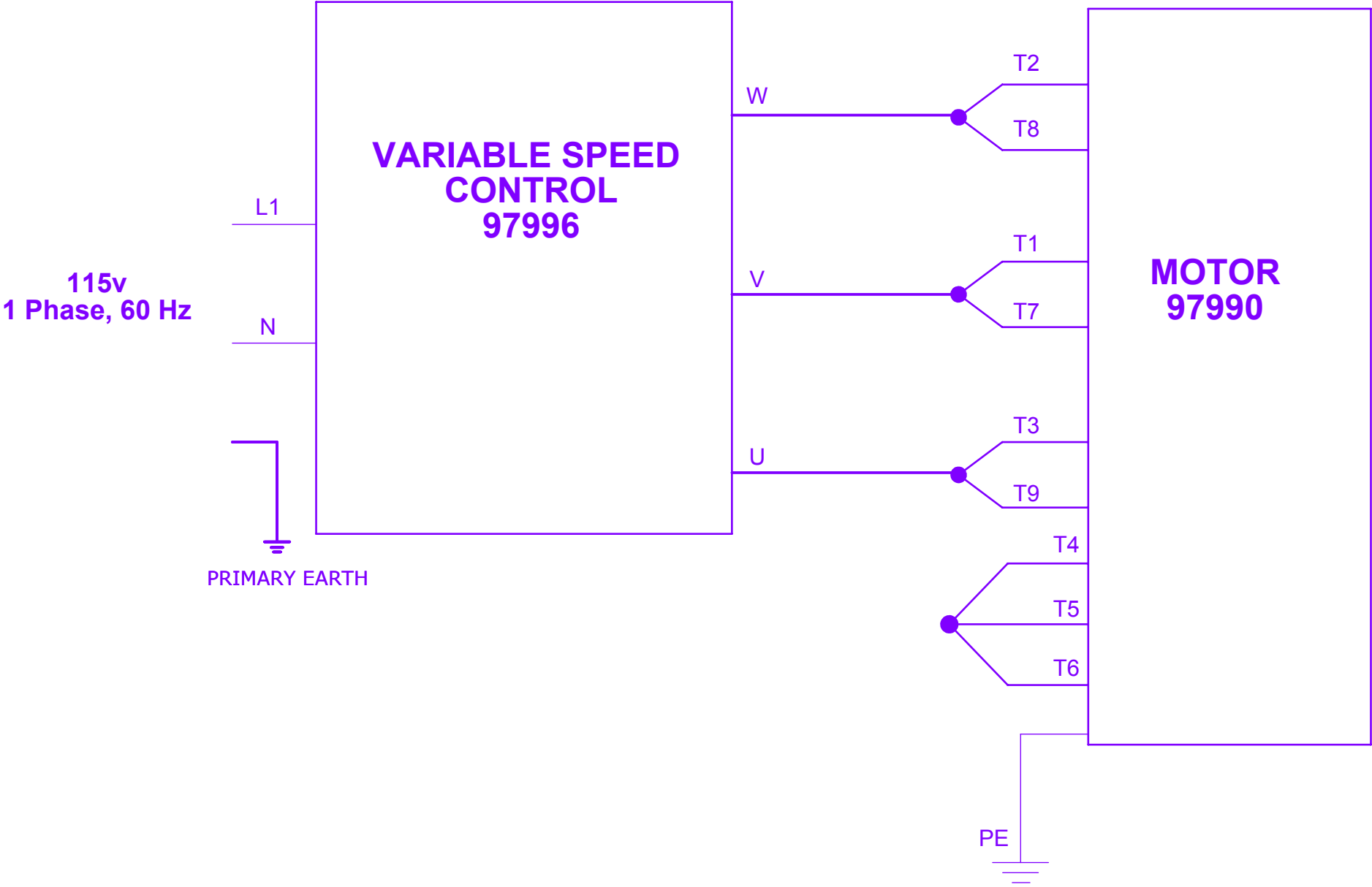
67811

**STARTER
97986**

**460v
3 Phase, 60 Hz**

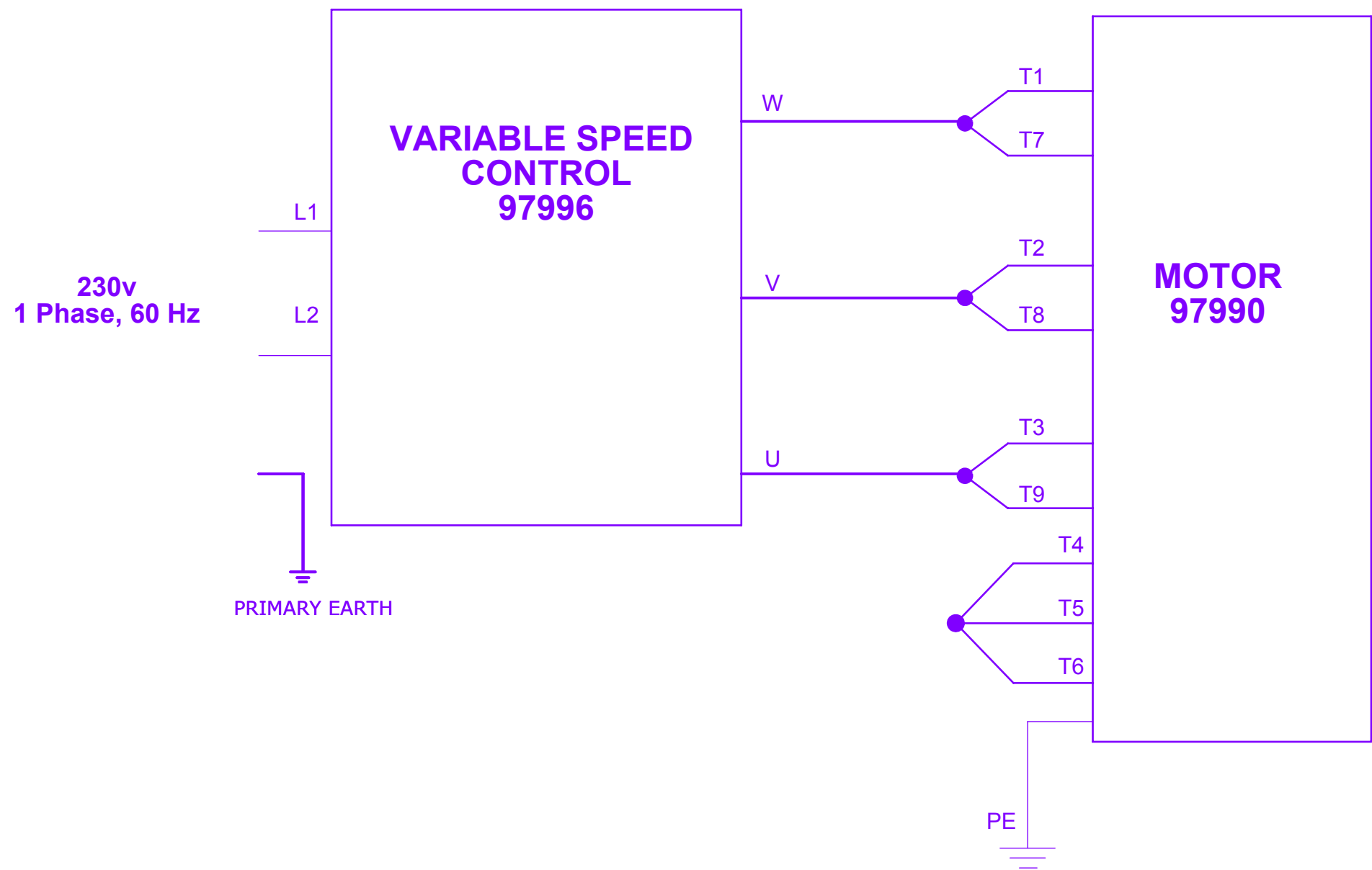


460V



67912 PARAMETERS						
AC TECH SMVector ESV112N01SXC						
PASSWORD = 19						
PARAMETER NUMBER						
VALUE						
102	6.1	PARAMETERS CHANGED FROM THE DEFAULT VALUE - ALL OTHERS REMAIN AT THE DEFAULT VALUE				
103	60.1					
104	10					
105	15					
108	76					
166	0					
168	1.8					
178	133.3					
194	19					
300	4					
303	4.6					
305	3450					
306	0.78					
399	1					

67813

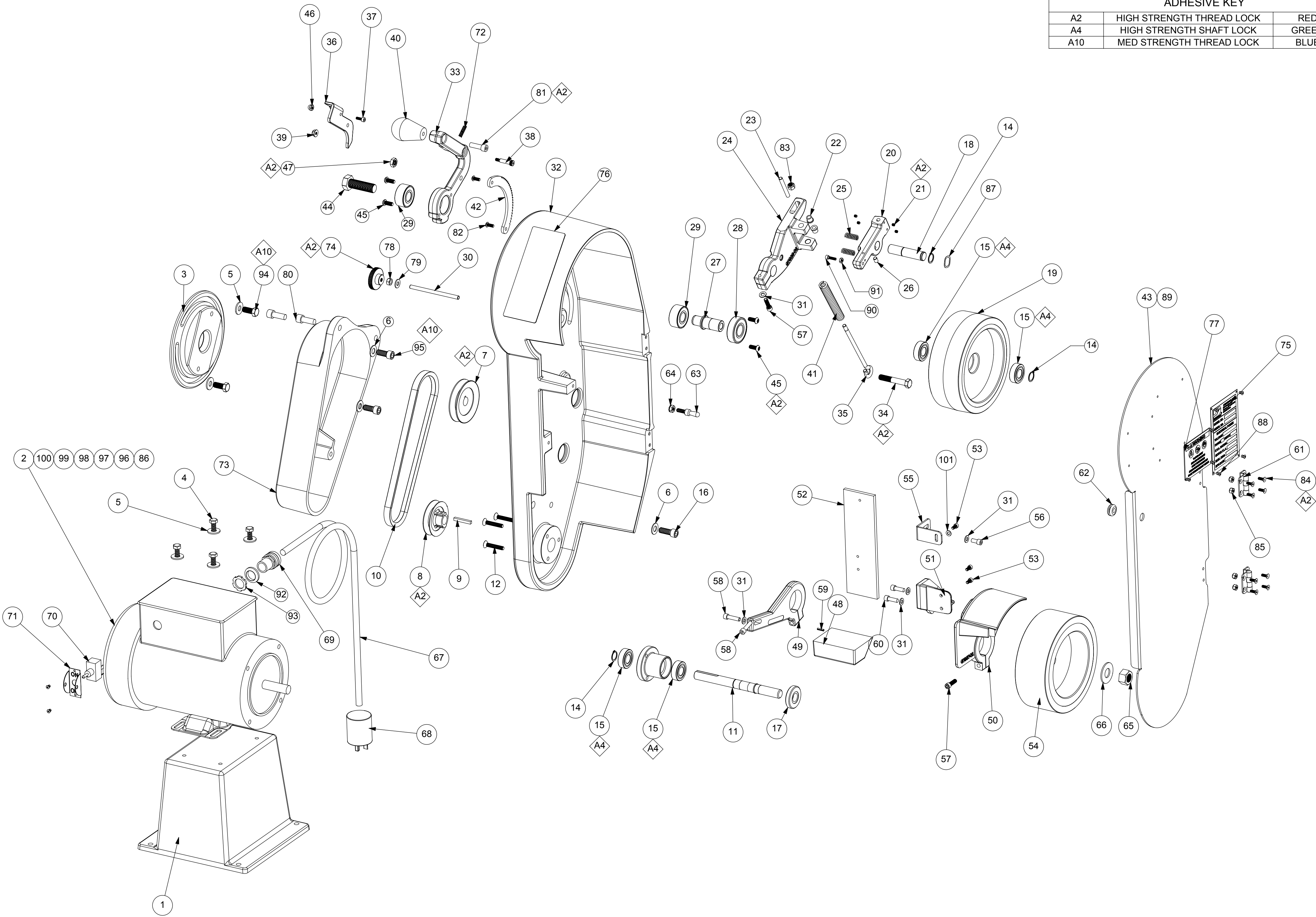


67812 PARAMETERS							
AC TECH SMVector ESV112N01SXC							
PASSWORD = 19							
PARAMETER NUMBER			VALUE				
102			6.1				
103			60.1				
104			10				
105			15				
108			76				
166			0				
168			1.8				
178			133.3				
194			19				
300			4				
303			4.6				
305			3450				
306			0.78				
399			1				

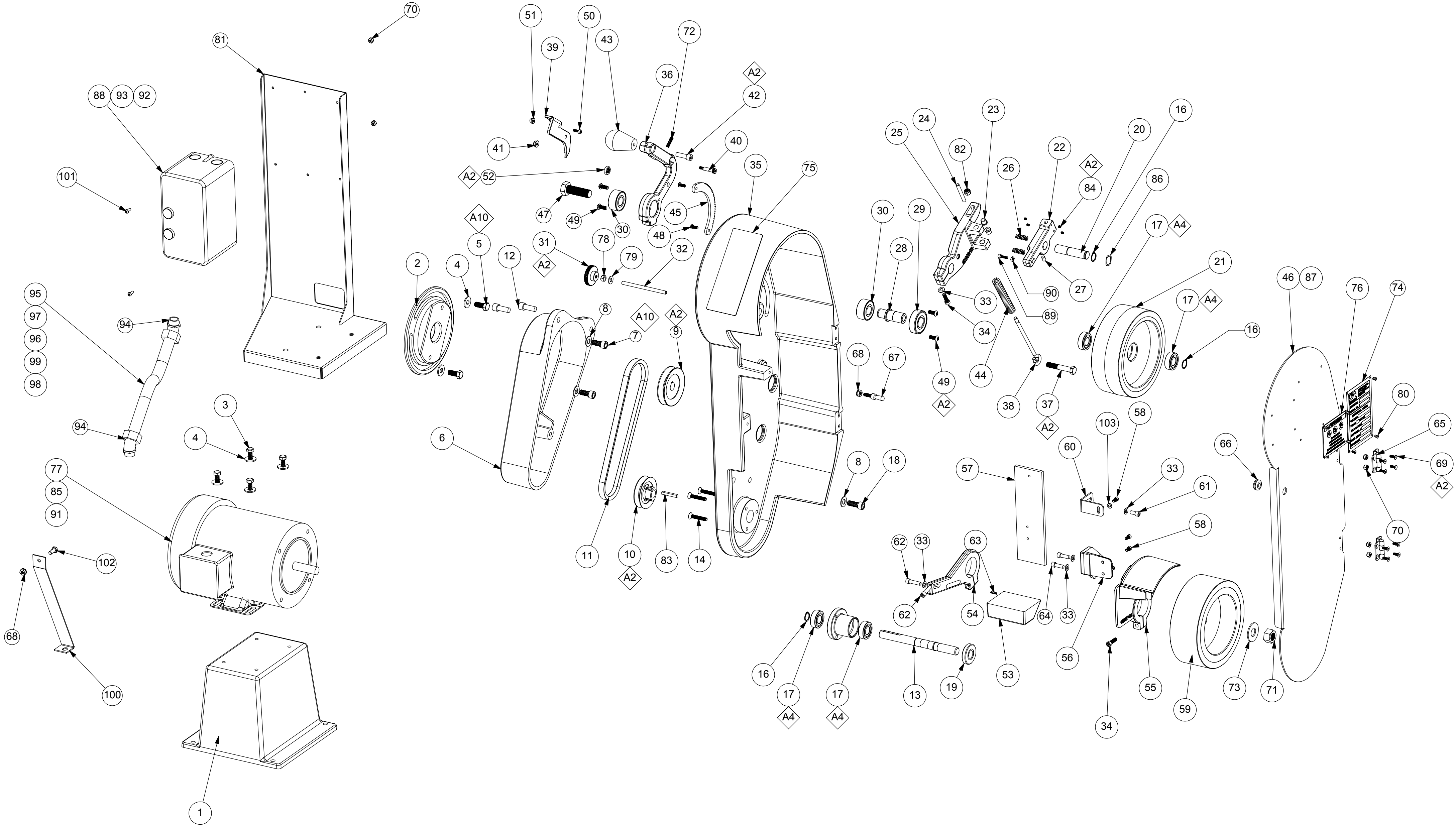
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	67923	RISER BLOCK	1
2	97645	115-208/230 VOLT 50-60 HZ 1 PHASE 1 1/2HP	1
3	67922	MOUNTING PLATE	1
4	68021	5/16-18 x 3/4" HEX BOLT	4
5	95183	5/16 WASHER	6
6	97309	3-8 x 406 x 813 WASHER	3
7	97613	V-Belt Pulley, 3 In OD, 5/8 In Bore	1
8	97614	V-Belt Pulley, 2.5 In OD, 5/8 In Bore	1
9	97460	CHAMFER KEY	1
10	97612	V-Belt 4Lx25", 4L250	1
11	67934	DRIVE SHAFT	1
12	97084	1-4 20 x 1 1-2 FHCS	3
13	67944	CONTACT WHEEL BEARING HOUSING	1
14	97519	EXTERNAL RETAINING RIN 5/8 SHAFT	3
15	97522	BEARING 5/8 x 1 3/8 x 0.4331in	4
16	95476	3/8-16 x 1in SHCS	1
17	67935	DRIVE SHAFT SPACER	1
18	67930	IDLER WHEEL SHAFT	1
19	67954	IDLER WHEEL 7" X 2.5"	1
20	67929	TRACKING ARM	1
21	95000	8-32x3/16 Cup Pnt Set Screw	4
22	11519	1/4"ID x 3/8"OD x 3/8" FLANGE BEARING	2
23	97458	Dowel Pin 1/4" Diameter, 2" Length	1
24	67928	TENSIONING ARM	1
25	95149	SPRING	2
26	95202	1/4 - 20 x 3/8" SET SCREW	1
27	67933	BEARING SHAFT	1
28	97501	BEARING	1
29	96423	BEARING 5203-2RS	2
30	97132	THREADED STUD 1/4"-20 THREAD, 4" LENGTH	1
31	97468	1/4" x 1/2" CADMIUM PLATED WASHER	5
32	67950	Main Frame	1
33	67924	TENSIONING HANDLE	1
34	97481	3/8-16 X 2-1/4 HEX BOLT (PART THREADED)	1
35	67927	EYE BOLT	1
36	67925	PAWL	1
37	97584	10-32 x 1/2" SHCS, ZINC	1
38	97455	1/4 X 7/8 SHOULDER BOLT	1
39	97451	10-24 FLANGE LOCK NUT	1
40	64545	KNOB: REID DK-907	1
41	97529	DIE SPRING 5/8 HOLE, .344 ROD X 4IN	1
42	67926	RATCHET	1
43	67953	DOOR	1
44	97515	5/8-18 x 2 HEX BOLT	1
45	97454	1/4-20 X 5/8 BHCS	4
46	97452	10-32 ACORN NUT	1
47	97484	3/8-16 HEX NUT	1
48	67941	WORK REST	1
49	67940	WORK REST ARM	1
50	67937	PLATEN GUARD	1
51	67938	PLATEN ARM	1
52	67946	PLATEN	1
53	95018	10-32 x 3/8 SHCS	3
54	67947	CONTACT WHEEL 7" X 2.5"	1
55	67952	Platen Support	1
56	95335	1/4 - 20 x 1/2" SHCS	1
57	95567	1/4-20 x 7/8 SHCS	2
58	95156	1-4 -20 X 1 IN SHCS	2
59	95216	1/8" x 3/4" ROLL PIN	1
60	95150	1/4 - 20 x 3/4" SHCS	2
61	97639	Surface-Mount Hinge with Holes -1549A61	2
62	97594	Push-in Flexible Rubber Grommet	1
63	67943	DOOR STUD	1
64	97459	1-4 20 STAR LOCK NUT	1
65	97517	5/8-18 NUT	1
66	97656	Steel Flat Washer 5/8" Screw, 1-1/2 OD	1
67	98399	10 FT CORD	1
68	98398	5-20 NEMA PLUG	1
69	98701	.187-.312 ALUM. STRAIN RELIEF	1
70	98371	TOGGLE SWITCH	1
71	98370	SWITCH GUARD	1
72	97131	0.24 x .026 x .875 Prec. Comp. Spring	1
73	67921	V-BELT GUARD	1
74	97563	KNURLED KNOB	1
75	65059	DESCRIPTIVE PLATE, ELECTRICAL DATA	1
76	67960	WARNING LABEL	1
77	64930	WARNING LABEL, EYE PROTECTION	1
78	95186	1/4-20 HEX NUT	1
79	95935	1/4" WASHER	1
80	95569	3/8-24 x 1" SHCS	2
81	97043	5/16 - 18 x 1" SHCS ZINC	1
82	97673	10-32 x 1/2" BHSCS	2
83	97467	1/4-20 NYLOCK NUT	1
84	97759	8-32 x 1/2" FHCS	8
85	97968	8-32 NYLON-INSERT HEX LOCKNUT 8-32	4
86	98616	CRIMP ON WIRE CONNECT	3
87	97995	Wave Disc Spring	1
88	97062	1/8" ALUMINUM BLIND POP RIVET	10
89	97999-90	FOAM STRIP 16 INCH	1
90	95923	8-32 x 5/8" SS SHCS	1
91	95294	8-32 HEX NUT, ZINC	1
92	98751	1/2" SEALING RING	1
93	98746	1/2" LOCK NUT	1
94	98226	3-8 16 X 7-8HHCS	2
95	98227	3/8-16 X 7/8 SHCS	2
96	98609	RING TERMINAL	1
97	98372	12-10 AWG .25 FEMALE CONNECTOR	2
98	98615	CRIMP ON WIRE CONNECT 12	1
99	98421	ADHESIVE LABEL, 115 VOLTS	1
100	98425	ADHESIVE LABEL, SINGLE PHASE	1
101	95146	#10 WASHER	1

67800 67801 67806 67807							
Model	ITEM 2 MOTOR	ITEM 68 PLUG	98614 QTY	ITEM 99 98615 QTY	ITEM 87 98616 QTY	ITEM 98 98372 QTY	ITEM 100 VOLTAGE LABEL
67800	97645	98398	0	1	3	2	98421
67801	97645	98601	1	0	4	4	98422
67806	97992	98398	0	1	3	2	98421
67807	97992	98601	1	0	4	4	98422

ADHESIVE KEY		
A2	HIGH STRENGTH THREAD LOCK	RED 271
A4	HIGH STRENGTH SHAFT LOCK	GREEN 680
A10	MED STRENGTH THREAD LOCK	BLUE 243



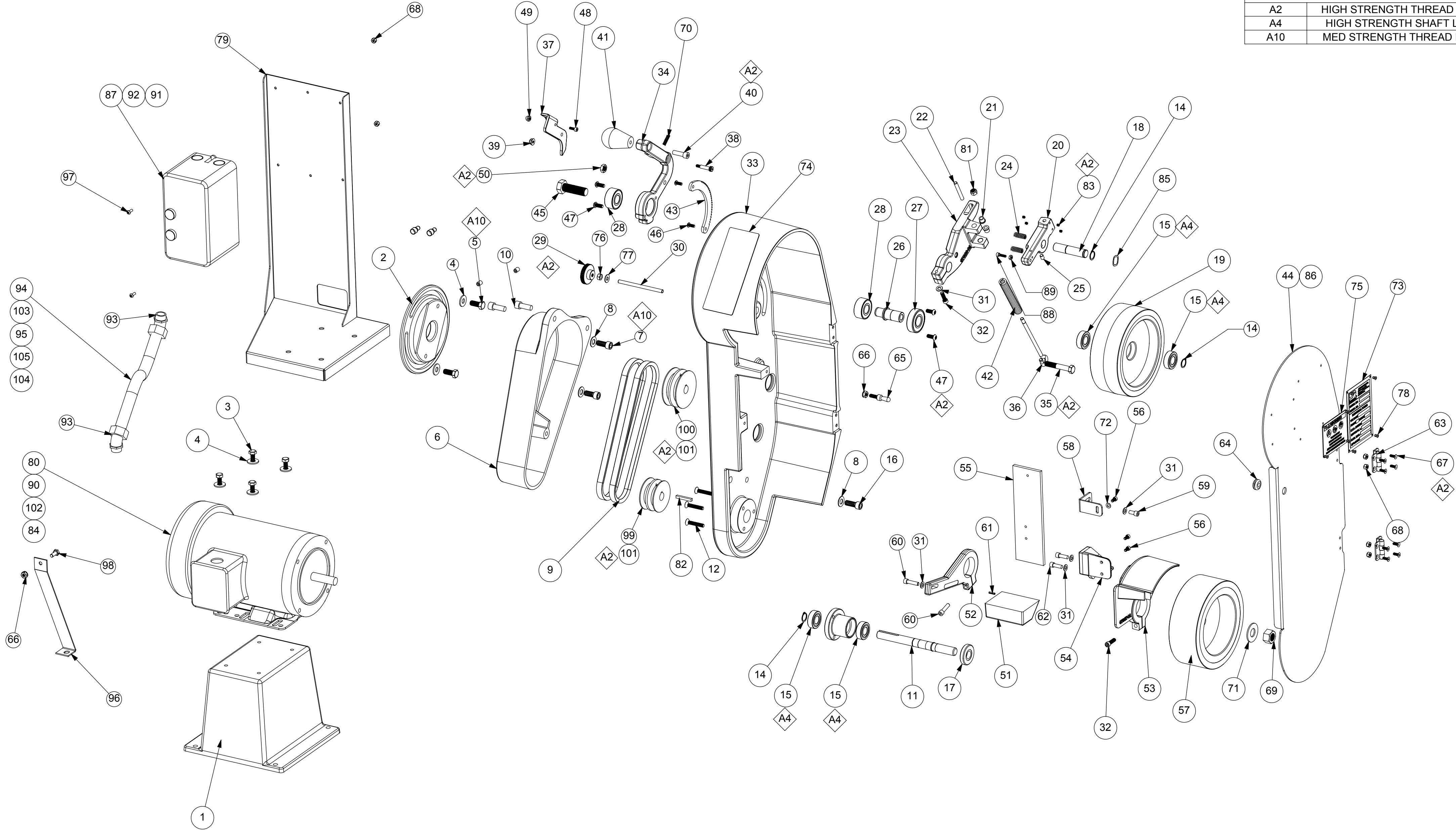
BILL OF MATERIALS				BILL OF MATERIALS			
ITEM	P/N	DESCRIPTION	QTY.	ITEM	P/N	DESCRIPTION	QTY.
1	67923	RISER BLOCK	1	95	98403	1/2" FLEX. CONDUIT 10" LONG	1
2	67922	MOUNTING PLATE	1	96	98411	12 GA GREEN WIRE 3 FT	1
3	68021	5/16-18 x 3/4" HEX BOLT	4	97	98405	16 GA BLACK WIRE 3 FT	1
4	95183	5/16 WASHER	6	98	98406	16 GA RED WIRE 3 FT	1
5	98226	3-8 16 X 7-8HHCS	2	99	98408	16 GA WHITE WIRE 3 FT	1
6	67921	V-BELT GUARD	1	100	67968	BRACKET SUPPORT	1
7	98227	3/8-16 X 7/8 SHCS	2	101	95007	8-32 X 1/2" BHCS	2
8	97309	3-8 x 406 x 813 WASHER	3	102	95172	1/4-20 x 5/8 HEX BOLT	1
9	97613	V-Belt Pulley, 3 In OD, 5/8 In Bore	1	103	95146	#10 WASHER	1
10	97614	V-Belt Pulley, 2.5 In OD, 5/8 In Bore	1				
11	97612	V-Belt 4Lx25", 4L250	1				
12	95559	3/8-24 x 1" SHCS	2				
13	67934	DRIVE SHAFT	1				
14	97084	1-4 20 x 1 1-2 FHCS	3				
15	67944	CONTACT WHEEL BEARING HOUSING	1				
16	97519	EXTERNAL RETAINING RIN 5/8 SHAFT	3				
17	97522	BEARING 5/8 x 1 3/8 x 0.4331in	4				
18	95476	3/8-16 x 1in SHCS	1				
19	67935	DRIVE SHAFT SPACER	1				
20	67930	IDLER WHEEL SHAFT	1				
21	67954	IDLER WHEEL 7" X 2.5"	1				
22	67929	TRACKING ARM	1				
23	11519	1/4"ID x 3/8"OD x 3/8" FLANGE BEARING	2				
24	97458	Dowel Pin 1/4" Diameter, 2" Length	1				
25	67928	TENSIONING ARM	1				
26	95149	SPRING	2				
27	95202	1/4 - 20 x 3/8" SET SCREW	1				
28	67933	BEARING SHAFT	1				
29	97501	BEARING	1				
30	96423	BEARING 5203-2RS	2				
31	97563	KNURLED KNOB	1				
32	97132	THREADED STUD 1/4"-20 THREAD, 4" LENGTH	1				
33	97468	1/4" x 1/2" CADMIUM PLATED WASHER	5				
34	95567	1/4-20 x 7/8 SHCS	2				
35	67950	Main Frame	1				
36	67924	TENSIONING HANDLE	1				
37	97481	3/8-16 X 2-1/4 HEX BOLT (PART THREADED)	1				
38	67927	EYE BOLT	1				
39	67925	PAWL	1				
40	97455	1/4 X 7/8 SHOULDER BOLT	1				
41	97451	10-24 FLANGE LOCK NUT	1				
42	97043	5/16 - 18 x 1" SHCS ZINC	1				
43	64545	KNOB: REID DK-907	1				
44	97529	DIE SPRING 5/8 HOLE, .344 ROD X 4IN	1				
45	67926	RATCHET	1				
46	67953	DOOR	1				
47	97515	5/8-18 x 2 HEX BOLT	1				
48	97673	10-32 x 1/2" BHSCS	2				
49	97454	1/4-20 X 5/8 BHCS	4				
50	97584	10-32 x 1/2" SHCS, ZINC	1				
51	97452	10-32 ACORN NUT	1				
52	97484	3/8-16 HEX NUT	1				
53	67941	WORK REST	1				
54	67940	WORK REST ARM	1				
55	67937	PLATEN GUARD	1				
56	67938	PLATEN ARM	1				
57	67946	PLATEN	1				
58	95018	10-32 x 3/8 SHCS	3				
59	67947	CONTACT WHEEL 7" X 2.5"	1				
60	67952	Platen Support	1				
61	95335	1/4 - 20 x 1/2" SHCS	1				
62	95156	1-4 -20 X 1 IN SHCS	2				
63	95216	1/8" x 3/4" ROLL PIN	1				
64	95150	1/4 - 20 x 3/4" SHCS	2				
65	97639	Surface-Mount Hinge with Holes - 1549A61	2				
66	97594	Push-in Flexible Rubber Grommet	1				
67	67943	DOOR STUD	1				
68	97459	1-4 20 STAR LOCK NUT	2				
69	97759	8-32 x 1/2" FHCS	8				
70	97968	8-32 NYLON-INSERT HEX LOCKNUT 8-32	6				
71	97517	5/8-18 NUT	1				
72	97131	0.24 x .026 x .875 Prec. Comp. Spring	1				
73	97656	Steel Flat Washer 5/8" Screw, 1-1/2 OD	1				
74	65059	DESCRIPTIVE PLATE, ELECTRICAL DATA	1				
75	67960	WARNING LABEL	1				
76	64930	WARNING LABEL, EYE PROTECTION	1				
77	97990	1 1/2HP 3,600RPM 3 PHASE 208-230/460	1				
78	95186	1/4-20 HEX NUT	1				
79	95935	1/4" WASHER	1				
80	97062	1/8" ALUMINUM BLIND POP RIVET	8				
81	67967	CONTROL MOUNTING BRACKET	1				
82	97467	1/4-20 NYLOCK NUT	1				
83	97460	CHAMFER KEY	1				
84	95000	8-32x3/16 Cup Pnt Set Screw	4				
85	98616	CRIMP ON WIRE CONNECT	4				
86	97995	Wave Disc Spring	1				
87	97999-90	FOAM STRIP 16 INCH	1				
88	97983	MAGNETIC STARTER1.5hp 208-230v	1				
89	95923	8-32 x 5/8" SS SHCS	1				
90	95294	8-32 HEX NUT, ZINC	1				
91	98609	RING TERMINAL	1				
92	98426	ADHESIVE LABEL, 3 PHASE	1				
93	98422	ADHESIVE LABEL, 230VOLTS	1				
94	98730	45 DEGREE ELBOW	2				



67802 67803		67808 67809		
Model	ITEM 77 MOTOR	ITEM 88 STARTER	ITEM 85 98616 QTY	ITEM 93 VOLTAGE LABEL
67802	97990	97983	4	98422
67803	97990	97984	6	98423
67808	97993	97983	4	98422
67809	97993	97984	6	98423

ADHESIVE KEY		
A2	HIGH STRENGTH THREAD LOCK	RED 271
A4	HIGH STRENGTH SHAFT LOCK	GREEN 680
A10	MED STRENGTH THREAD LOCK	BLUE 243

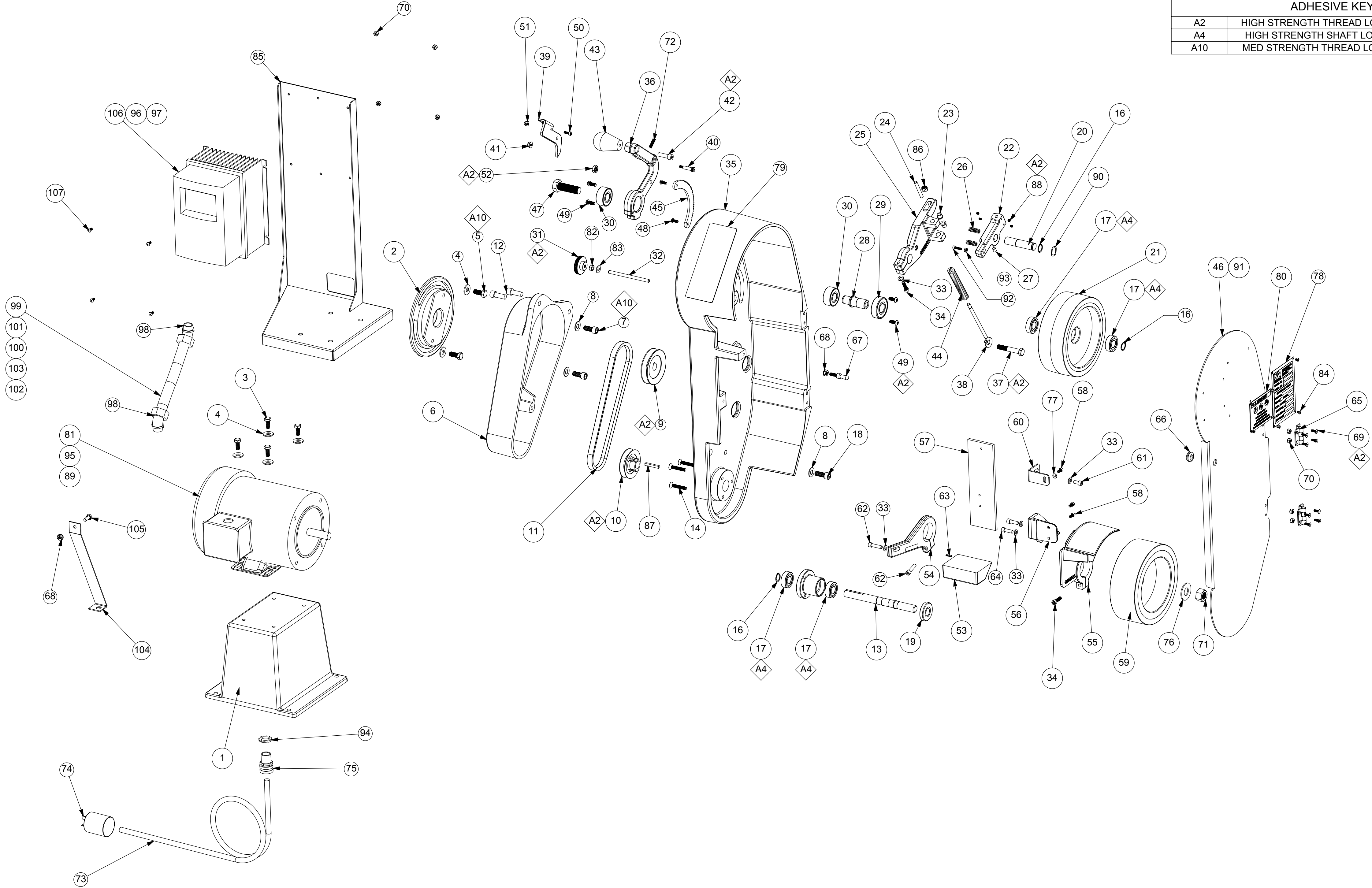
BILL OF MATERIALS			
ITEM	P/N	DESCRIPTION	QTY.
1	67923	RISER BLOCK	1
2	67922	MOUNTING PLATE	1
3	68021	5/16-18 x 3/4" HEX BOLT	4
4	95183	5/16 WASHER	6
5	98226	3-8 16 X 7-8HHCS	2
6	67921	V-BELT GUARD	1
7	98227	3/8-16 X 7/8 SHCS	2
8	97309	3-8 x 406 x 813 WASHER	3
9	97612	V-Belt 4Lx25", 4L250	2
10	95559	3/8-24 x 1" SHCS	2
11	67934	DRIVE SHAFT	1
12	97084	1-4 20 x 1 1-2 FHCS	3
13	67944	CONTACT WHEEL BEARING HOUSING	1
14	97519	EXTERNAL RETAINING RIN 5/8 SHAFT	3
15	97522	BEARING 5/8 x 1 3/8 x 0.4331in	4
16	95476	3/8-16 x 1in SHCS	1
17	67935	DRIVE SHAFT SPACER	1
18	67930	IDLER WHEEL SHAFT	1
19	67954	IDLER WHEEL 7" X 2.5"	1
20	67929	TRACKING ARM	1
21	11519	1/4"ID x 3/8"OD x 3/8" FLANGE BEARING	2
22	97458	Dowel Pin 1/4" Diameter, 2" Length	1
23	67928	TENSIONING ARM	1
24	95149	SPRING	2
25	95202	1/4 - 20 x 3/8" SET SCREW	1
26	67933	BEARING SHAFT	1
27	97501	BEARING	1
28	96423	BEARING 5203-2RS	2
29	97563	KNURLED KNOB	1
30	97132	THREADED STUD 1/4"-20 THREAD, 4" LENGTH	1
31	97468	1/4" x 1/2" CADMIUM PLATED WASHER	5
32	95567	1/4-20 x 7/8 SHCS	2
33	67950	Main Frame	1
34	67924	TENSIONING HANDLE	1
35	97481	3/8-16 X 2-1/4 HEX BOLT (PART THREADED)	1
36	67927	EYE BOLT	1
37	67925	PAWL	1
38	97455	1/4 X 7/8 SHOULDER BOLT	1
39	97451	10-24 FLANGE LOCK NUT	1
40	97043	5/16 - 18 x 1" SHCS ZINC	1
41	64545	KNOB: REID DK-907	1
42	97529	DIE SPRING 5/8 HOLE, .344 ROD X 4IN	1
43	67926	RATCHET	1
44	67953	DOOR	1
45	97515	5/8-18 x 2 HEX BOLT	1
46	97673	10-32 x 1/2" BHSCS	2
47	97454	1/4-20 X 5/8 BHCS	4
48	97584	10-32 x 1/2" SHCS, ZINC	1
49	97452	10-32 ACORN NUT	1
50	97484	3/8-16 HEX NUT	1
51	67941	WORK REST	1
52	67940	WORK REST ARM	1
53	67937	PLATEN GUARD	1
54	67938	PLATEN ARM	1
55	67946	PLATEN	1
56	95018	10-32 x 3/8 SHCS	3
57	67947	CONTACT WHEEL 7" X 2.5"	1
58	67952	Platen Support	1
59	95335	1/4 - 20 x 1/2" SHCS	1
60	95156	1-4 -20 X 1 IN SHCS	2
61	95216	1/8" x 3/4" ROLL PIN	1
62	95150	1/4 - 20 x 3/4" SHCS	2
63	97639	Surface-Mount Hinge with Holes -1549A61	2
64	97594	Push-in Flexible Rubber Grommet	1
65	67943	DOOR STUD	1
66	97459	1-4 20 STAR LOCK NUT	2
67	97759	8-32 x 1/2" FHCS	8
68	97968	8-32 NYLON-INSERT HEX LOCKNUT 8-32	6
69	97517	5/8-18 NUT	1
70	97131	0.24 x .026 x .875 Prec. Comp. Spring	1
71	97656	Steel Flat Washer 5/8" Screw, 1-1/2 OD	1
72	95146	#10 WASHER	1
73	65059	DESCRIPTIVE PLATE, ELECTRICAL DATA	1
74	67960	WARNING LABEL	1
75	64930	WARNING LABEL, EYE PROTECTION	1
76	95186	1/4-20 HEX NUT	1
77	95935	1/4" WASHER	1
78	97062	1/8" ALUMINUM BLIND POP RIVET	8
79	67967	CONTROL MOUNTING BRACKET	1
80	97991	3HP 3,600RPM 3 PHASE 208-230/460	1
81	97467	1/4-20 NYLOCK NUT	1
82	97460	CHAMFER KEY	1
83	95000	8-32x3/16 Cup Pnt Set Screw	4
84	98616	CRIMP ON WIRE CONNECT	1
85	97995	Wave Disc Spring	1
86	97999-90	FOAM STRIP 16 INCH	1
87	97985	MAGNETIC STARTER 3 HP 208-230V	1
88	95923	8-32 x 5/8" SS SHCS	1
89	95294	8-32 HEX NUT, ZINC	1
90	98609	RING TERMINAL	1
91	98426	ADHESIVE LABEL, 3 PHASE	1
92	98422	ADHESIVE LABEL, 230VOLTS	1
93	98730	45 DEGREE ELBOW	2



67804 67805 67810 67811						
Model	ITEM 80 MOTOR	ITEM 87 STARTER	ITEM 84 98616 QTY	ITEM 93 VOLTAGE LABEL	ITEM 102 98615 QTY	ITEM 100 PULLEY
67804	97991	97985	1	98422	3	97758
67805	97991	97986	6	98423	0	97758
67810	97994	97985	1	98422	3	97988
67811	97994	97986	6	98423	0	97988

ADHESIVE KEY		
A2	HIGH STRENGTH THREAD LOCK	RED 271
A4	HIGH STRENGTH SHAFT LOCK	GREEN 680
A10	MED STRENGTH THREAD LOCK	BLUE 243

BILL OF MATERIALS			
ITEM	P/N	DESCRIPTION	QTY.
1	67923	RISER BLOCK	1
2	67922	MOUNTING PLATE	1
3	68021	5/16-18 x 3/4" HEX BOLT	4
4	95183	5/16 WASHER	6
5	98226	3-8 16 X 7-8HCS	2
6	67921	V-BELT GUARD	1
7	98227	3/8-16 X 7/8 SHCS	2
8	97309	3-8 x 406 x 813 WASHER	3
9	97613	V-Belt Pulley, 3 In OD, 5/8 In Bore	1
10	97614	V-Belt Pulley, 2.5 In OD, 5/8 In Bore	1
11	97612	V-Belt 4Lx25", 4L250	1
12	95559	3/8-24 x 1" SHCS	2
13	67934	DRIVE SHAFT	1
14	97084	1-4 20 x 1 1-2 FHCS	3
15	67944	CONTACT WHEEL BEARING HOUSING	1
16	97519	EXTERNAL RETAINING RIN 5/8 SHAFT	3
17	97522	BEARING 5/8 x 1 3/8 x 0.4331in	4
18	95476	3/8-16 x 1in SHCS	1
19	67935	DRIVE SHAFT SPACER	1
20	67930	IDLER WHEEL SHAFT	1
21	67954	IDLER WHEEL 7" X 2.5"	1
22	67929	TRACKING ARM	1
23	11519	1/4"ID x 3/8"OD x 3/8" FLANGE BEARING	2
24	97458	Dowel Pin 1/4" Diameter, 2" Length	1
25	67928	TENSIONING ARM	1
26	95149	SPRING	2
27	95202	1/4 - 20 x 3/8" SET SCREW	1
28	67933	BEARING SHAFT	1
29	97501	BEARING	1
30	96423	BEARING 5203-2RS	2
31	97563	KNURLED KNOB	1
32	97132	THREADED STUD 1/4"-20 THREAD, 4" LENGTH	1
33	97468	1/4" x 1/2" CADMIUM PLATED WASHER	5
34	95567	1/4-20 x 7/8 SHCS	2
35	67950	Main Frame	1
36	67924	TENSIONING HANDLE	1
37	97481	3/8-16 X 2-1/4 HEX BOLT (PART THREADED)	1
38	67927	EYE BOLT	1
39	67925	PAWL	1
40	97455	1/4 X 7/8 SHOULDER BOLT	1
41	97451	10-24 FLANGE LOCK NUT	1
42	97043	5/16 - 18 x 1" SHCS ZINC	1
43	64545	KNOB: REID DK-907	1
44	97529	DIE SPRING 5/8 HOLE, .344 ROD X 4IN	1
45	67926	RATCHET	1
46	67953	DOOR	1
47	97515	5/8-18 x 2 HEX BOLT	1
48	97673	10-32 x 1/2" BHSCS	2
49	97454	1/4-20 X 5/8 BHCS	4
50	97584	10-32 x 1/2" SHCS, ZINC	1
51	97452	10-32 ACORN NUT	1
52	97484	3/8-16 HEX NUT	1
53	67941	WORK REST	1
54	67940	WORK REST ARM	1
55	67937	PLATEN GUARD	1
56	67938	PLATEN ARM	1
57	67946	PLATEN	1
58	95018	10-32 x 3/8 SHCS	3
59	67947	CONTACT WHEEL 7" X 2.5"	1
60	67952	Platen Support	1
61	95335	1/4 - 20 x 1/2" SHCS	1
62	95156	1-4 -20 X 1 IN SHCS	2
63	95216	1/8" x 3/4" ROLL PIN	1
64	95150	1/4 - 20 x 3/4" SHCS	2
65	97639	Surface-Mount Hinge with Holes -1549A61	2
66	97594	Push-in Flexible Rubber Grommet	1
67	67943	DOOR STUD	1
68	97459	1-4 20 STAR LOCK NUT	2
69	97759	8-32 x 1/2" FHCS	8
70	97968	8-32 NYLON-INSERT HEX LOCKNUT 8-32	8
71	97517	5/8-18 NUT	1
72	97131	0.24 x .026 x .875 Prec. Comp. Spring	1
73	98399	10 FT CORD	1
74	98398	5-20 NEMA PLUG	1
75	98701	.187-.312 ALUM. STRAIN RELIEF	1
76	97656	Steel Flat Washer 5/8" Screw, 1-1/2 OD	1
77	95146	#10 WASHER	1
78	65059	DESCRIPTIVE PLATE, ELECTRICAL DATA	1
79	67960	WARNING LABEL	1
80	64930	WARNING LABEL, EYE PROTECTION	1
81	97990	1 1/2HP 3,600RPM 3 PHASE 208-230/460	1
82	95186	1/4-20 HEX NUT	1
83	95935	1/4" WASHER	1
84	97062	1/8" ALUMINUM BLIND POP RIVET	8
85	67967	CONTROL MOUNTING BRACKET	1
86	97467	1/4-20 NYLOCK NUT	1
87	97460	CHAMFER KEY	1
88	95000	8-32x3/16 Cup Pnt Set Screw	4
89	98616	CRIMP ON WIRE CONNECT	4
90	97995	Wave Disc Spring	1
91	97999-90	FOAM STRIP 16 INCH	1
92	95923	8-32 x 5/8" SS SHCS	1
93	95294	8-32 HEX NUT, ZINC	1
94	98746	1/2" LOCK NUT	1
95	98609	RING TERMINAL	1



67812		67813
Model	ITEM 74 PLUG	ITEM 96 VOLTAGE LABEL
67812	98398	98421
67813	98601	98422

ADHESIVE KEY		
A2	HIGH STRENGTH THREAD LOCK	RED 271
A4	HIGH STRENGTH SHAFT LOCK	GREEN 680
A10	MED STRENGTH THREAD LOCK	BLUE 243