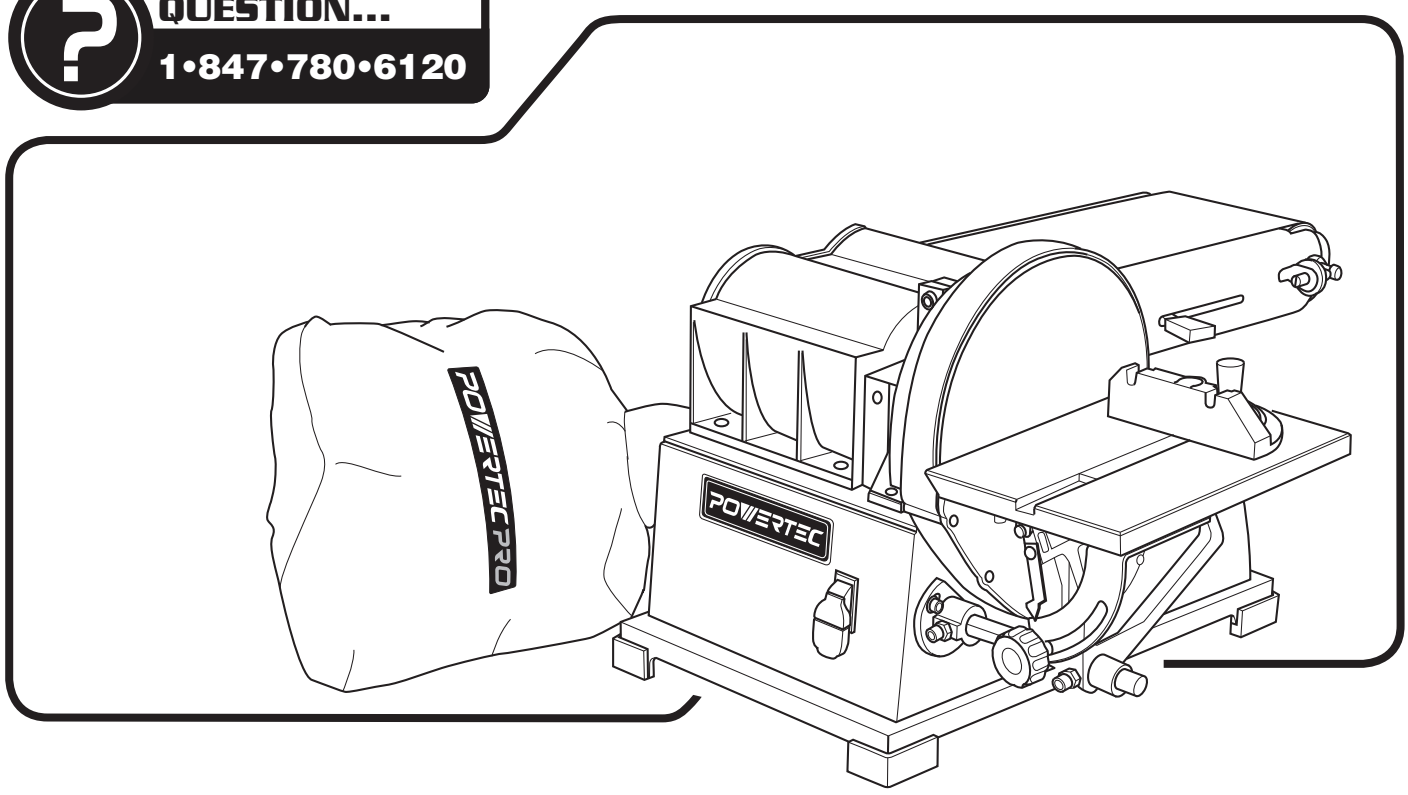
Model No. BD6900

Owner's Manual

POWERTEC®

6" x 9" Woodworking Belt Disc Sander

QUESTION...
1•847•780•6120



Visit us on the web at **www.southerntechllc.com**

You will need this manual for safety instructions, operating procedures, and warranty. Put it and the original sales invoice in a safe, dry place for future reference.

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PRODUCT SPECIFICATIONS

Horsepower (Peak HP)	1.2
Voltage	120
Amp	7.5
Hertz	60
Phase	Single
RPM	3450
Belt size	6 x 48"
Belt speed	2400 FPM
Disc diameter	9"
Disc speed	3100 RPM
Table dimensions	7 x 10"
Table tilts	0 to 45°
Dust port diameter	2"
Base dimensions	12 x 19"

SAFETY RULES

⚠WARNING

For your own safety, read and understand all warnings and operating instructions before using any tool or equipment.

⚠WARNING

Your Powertec belt/disc sander is designed and engineered to sand wood or wood products. Sanding of steel or other ferrous materials is a fire hazard and could damage your sander.

⚠WARNING

Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment. Always wear OSHA/ NIOSH approved, properly fitting face mask or respirator when using such tools.

⚠WARNING

Always follow proper operating procedures as defined in this manual even if you are familiar with use of this or similar tools. Remember that being careless for even a fraction of a second can result in severe personal injury.

WORK PREPARATION

- Wear proper apparel. Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewelry which may get caught in moving parts of the tool.
- Wear protective hair covering to contain long hair.
- Wear safety shoes with non-slip soles.
- Wear safety glasses complying with United States ANSI Z87.1. Everyday glasses have only impact resistant lenses. They are NOT safety glasses.
- Wear face mask or dust mask if operation is dusty.
- Be alert and think clearly. Never operate power tools when tired, intoxicated or when taking medications that cause drowsiness.

WORK AREA PREPARATION

- Keep work area clean. Cluttered work areas invite accidents.
- Do not use power tools in dangerous environments. Do not use power tools in damp or wet locations. Do not expose power tools to rain.
- Work area should be properly lit.
- Proper electrical receptacle should be available for tool. Three-prong plug should be plugged directly into properly grounded, three-prong receptacle.
- Extension cords should have a grounding prong and the three wires of the extension cord should be of the correct gauge.
- Keep visitors at a safe distance from work area.
- Keep children out of the work area. Ensure your work shop is child-proof. Use padlocks, master switches or remove switch keys to prevent any unintentional use of power tools.

TOOL MAINTENANCE

- Always unplug tool prior to inspection.
- Consult manual for specific maintaining and adjusting procedures.
- Keep tool lubricated and clean for a safe operation.
- Remove adjusting tools. Form habit of checking to see that adjusting tools or accessories are removed before switching tool on.
- Keep all parts in working order. Check to determine that guard or other parts will operate properly and perform their intended function.
- Check for damaged parts. Check for alignment of moving parts, binding, breakage, mounting and any other condition that may affect tool's operation.
- A guard or any other part that is damaged should be properly repaired or replaced. Do not perform makeshift repairs.

TOOL OPERATION

- Use the right tool for your job. Do not force your tool or attachment to do a job for which it was not designed.
- Disconnect tool when changing sanding sheets/belts.
- Avoid accidental start-up. Make sure that the tool is in the "OFF" position before plugging in.
- Do not force tool. It will work most efficiently at the rate for which it was designed. Keep hands away from moving parts and sanding surfaces.
- Never leave tool running unattended. Turn the power off and do not leave tool until it comes to a complete stop.
- Do not overreach. Keep proper footing and balance.
- Never stand on tool. Serious injury could occur if tool is tipped or if sanding surface is unintentionally contacted.
- Know your tool. Learn the tool's operation, application and specific limitations before using it.
- Use recommended accessories. Use of improper accessories may cause risk of injury to persons.
- Handle workpiece correctly. Protect hands from possible injury.
- Turn tool off if it jams. The motor may jam if too much pressure is applied on the sanding surface.
- Support workpiece with mitre gauge, belt platen or work table.
- Maintain 1/16" (1.5 mm) maximum clearance between table and sanding belt or disc.

⚠CAUTION

Think safety! Safety is a combination of operator common sense and alertness at all times when tool is being used.

⚠WARNING

Do not attempt to operate tool until it is completely assembled according to the instructions.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

2 ASSEMBLY

UNPACKING

Refer to Figure 1.

Check for shipping damage. Check immediately whether all parts and accessories are included. If anything is missing, or broken, contact your retailer or call **847-780-6120.**

The sander comes assembled as one unit. Additional parts which need to be fastened to sander, should be located and accounted for before assembling.

ITEM	DESCRIPTION	QUANTITY
A	Sander	1
B	Dust Collection Bag	1
C	Bag Clamp	1
D	Mitre Gauge Assembly	1
E	Table Assembly	1
F	Disc	1
G	Wrench (4 mm)	1
H	Wrench (6 mm)	1

Refer to Figures 2 - 5

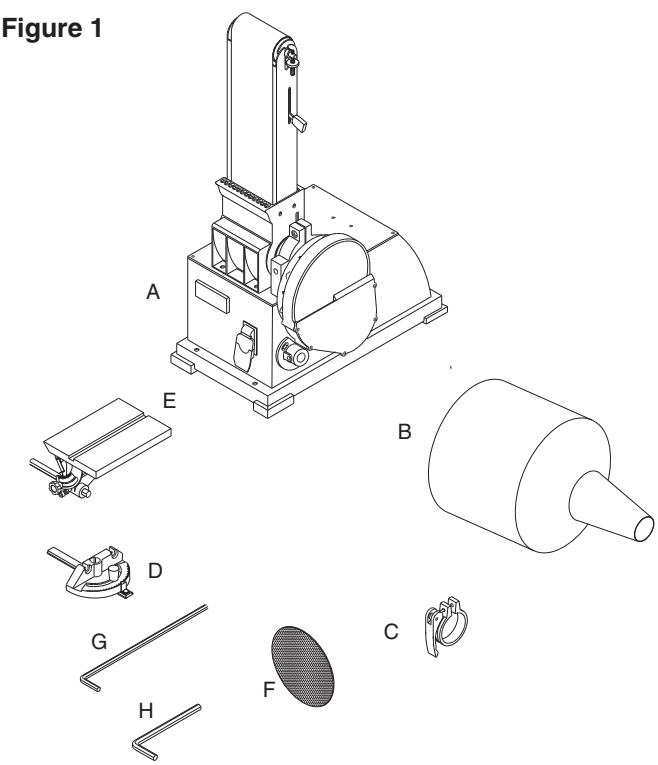
⚠CAUTION

Do not attempt assembly if parts are missing. Call the Customer service line to obtain replacement parts.

⚠WARNING

Do not operate sander until completely assembled. Do not operate this tool until you have completely read and understood this manual.

Figure 1



TOOLS NEEDED

While assembling or adjusting your belt and disc sander, you will need the following tools (not included):

- 10mm Wrench
- 5 and 6mm Hex Wrenches
- Combination Square
- Phillips Screwdriver

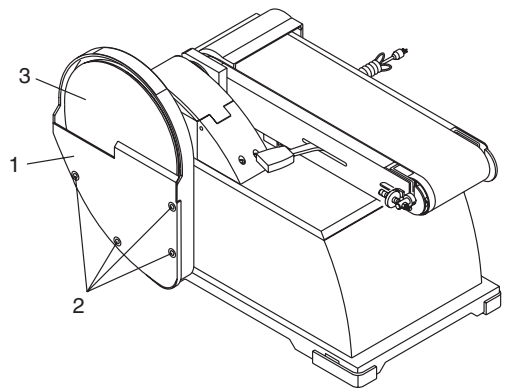
MOUNT SANDER

1. Choose a suitable location to mount the sander. The sander must be installed in a place with ample lighting and correct power supply. To install sander:
2. The sander must be bolted to a firm, level surface.
3. Make sure there is plenty of room for moving the workpiece. There must be enough room that neither operators nor bystanders will have to stand in line with the wood while using the tool. Allow room so that the belt assembly can be positioned horizontally.
4. Sander can be installed on a workbench or tool stand using bolts, lock washers and hex nuts (not supplied).

ATTACH ABRASIVE DISC (Fig. 2)

1. Remove disc cover (1) by loosening and removing five screws (2).
2. Peel protective paper from the back of the abrasive disc (3)
3. Center the abrasive disc onto the aluminum disc and press on firmly and evenly.
4. Replace disc cover.

Figure 2

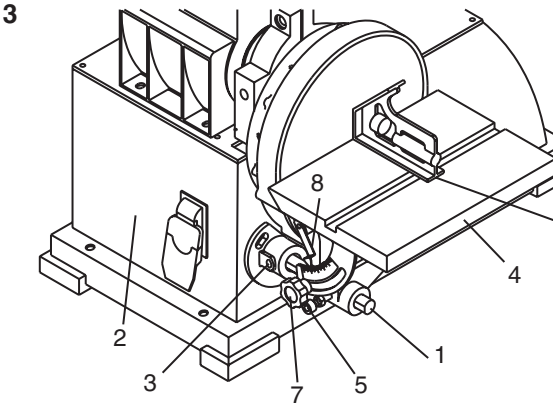


ATTACH TABLE

The included table is used with both the disc and belt.
To use the table with the disc: (Fig. 3)

1. Insert support rod (1) into base (2). Secure with bolt (3) on flat surface of rod.
2. Position table assembly (4) on rod. Make sure gap between table and disc is 1/16" (1.5 mm) or less. Secure with bolt (5).
3. Using a combination square (6), set the table perpendicular to the disc, and secure in position with knob (7).
   If necessary, set pointer (8) at 0.

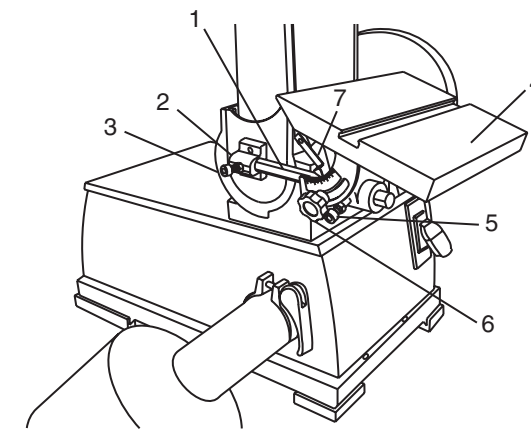
Figure 3



To use the table with the belt (Fig 4)

1. Insert support rod (1) into bracket (2). Secure with bolt (3) on flat surface of rod.
2. Position table assembly (4) on rod. Make sure gap between table and belt is 1/16" (1.5 mm) or less. Secure with bolt (5)
3. Using a combination square, set the table perpendicular to the belt and secure in position with knob (6).
   If necessary, set pointer (7) at 0.

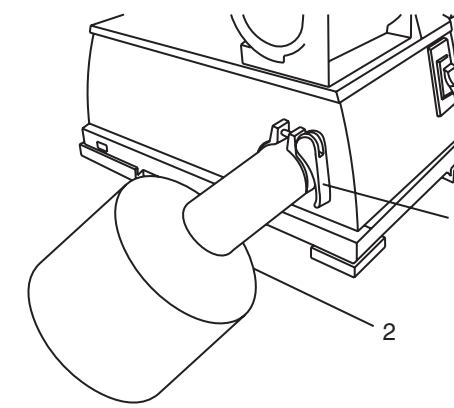
Figure 4



ATTACH DUST COLLECTION BAG (Fig. 5)

1. Place clamp (1) over bag sleeve (2).
2. Slide sleeve with clamp over the dust port.
3. Secure in position by tightening clamp handle. Do not force handle. Rotate the handle to increase the clamp size.

Figure 5



POWER SOURCE

⚠WARNING

Do not connect sander to the power source until all assembly steps have been completed.

The motor is designed for operation on the voltage and frequency specified. Normal loads will be handled safely on voltages not more than 10% above or below specified voltage. Running the unit on voltages which are not within the range may cause overheating and motor burn-out. Heavy loads require that the voltage at motor terminals be no less than the voltage specified on nameplate.

- Power supply to the motor is controlled by a single pole locking rocker switch. Remove the key to prevent unauthorized use.

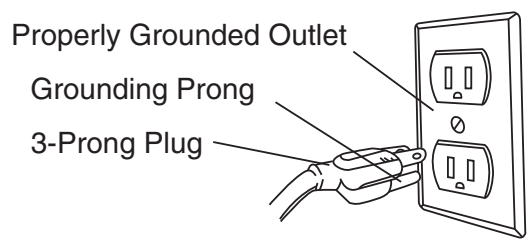
GROUNDING INSTRUCTIONS

⚠WARNING

Improper connection of equipment grounding conductor can result in the risk of electrical shock. Equipment should be grounded while in use to protect operator from electrical shock.

- Check with a qualified electrician if you do not understand grounding instructions or if you are in doubt as to whether the tool is properly grounded.
- This tool is equipped with an approved cord rated at 150V and a 3-prong grounding type plug (see Figure 6) for your protection against shock hazards.
- Grounding plug should be plugged directly into a properly installed and grounded 3-prong grounding type receptacle, as shown (see Figure 6).

Figure 6



- Do not remove or alter grounding prong in any manner. In the event of a malfunction or breakdown, grounding provides a path of least resistance for electrical shock.

⚠WARNING

Do not allow fingers to touch the terminals of plug when installing or removing from outlet.

- Plug must be plugged into matching outlet that is properly installed and grounded in accordance with all local codes and ordinances. Do not modify plug provided. If it will not fit in outlet, have proper outlet installed by a qualified electrician.
- Inspect tool cords periodically, and if damaged, have repaired by an authorized service facility.
- Green (or green and yellow) conductor in cord is the grounding wire. If repair or replacement of the electric cord or plug is necessary, do not connect the green (or green and yellow) wire to a live terminal.

EXTENSION CORDS

- The use of any extension cord will cause some drop in voltage and loss of power.
- Wires of the extension cord must be of sufficient size to carry the current and maintain adequate voltage.
- Use the table to determine the minimum wire size (A.W.G.) extension cord.
- Use only 3-wire extension cords having 3-prong grounding type plugs and 3-pole receptacles which accept the tool plug.
- If the extension cord is worn, cut or damaged in any way, replace it immediately.

Extension Cord Length

Wire Size…….. A.W.G.
Up to 25 ft…… 16 gauge

NOTE: Using extension cords over 25 ft. long is not recommended.

MOTOR

The sander is assembled with motor and wiring installed. The electrical wiring schematic is shown in Figure 9. The permanently split capacitor motor has the following specifications:

Horsepower (Peak HP) 1.2
Voltage 120
Amp. 7.5
Hertz 60
Phase. . . . . .Single
RPM. 3450

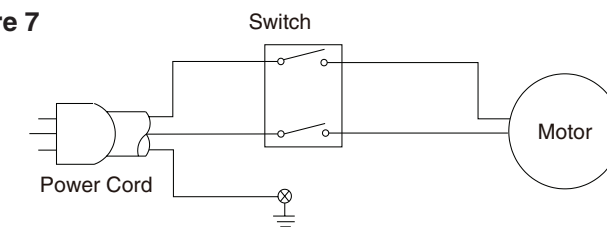
ELECTRICAL CONNECTIONS

⚠WARNING

All electrical connections must be performed by a qualified electrician. Make sure tool is off and disconnected from power source while motor is mounted, connected, reconnected or anytime wiring is inspected.

Motor and wires are installed as shown in wiring schematic (See Figure 7). Motor is assembled with approved, 3-conductor cord to be used at 120 volts.

Figure 7



The power lines are inserted directly onto the switch. The green ground line must remain securely fastened to the frame to properly protect against electrical shock. The power supply to the motor is controlled by a single pole locking rocker switch.

• Remove the key to prevent unauthorized use.

BASIC SANDER OPERATIONS

ON/OFF Switch (Fig. 8)

The keyed switch is intended to prevent unauthorized use of the sander.

1. To turn the sander ON insert the yellow key (1) into the key slot in the center of the switch.
2. Push the key firmly into the slot, then push switch to the ON position to start the sander.
3. To turn the sander OFF push the switch to the down position.
4. Remove the yellow switch key, when the sander has come to a complete stop, by gently pulling it outward.

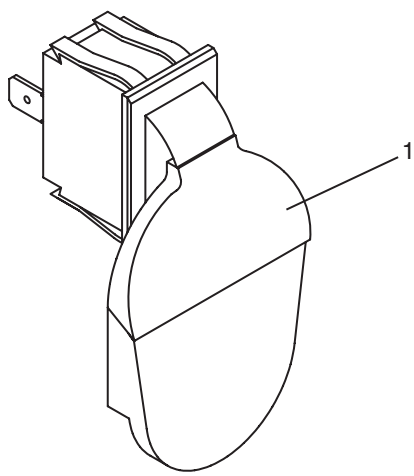
⚠WARNING

Remove the switch key whenever the sander is not in use. Place it in a safe place and out of reach of children.

⚠WARNING

ALWAYS lock the switch OFF when the sander is not in use. Remove the key and keep it in a safe place. In the event of power failure, blown fuse, or tripped circuit breaker, turn the switch OFF and remove the key, preventing accidental startup when power comes on.

Figure 8



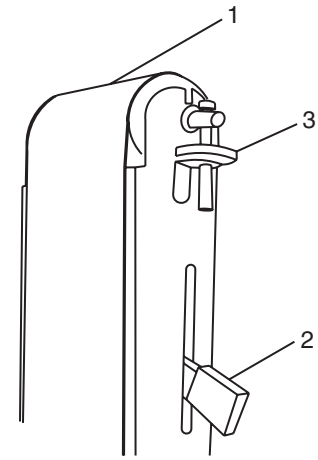
ADJUSTING BELT TRACKING (Fig. 9)

⚠CAUTION

Keep hands away from idler drum while adjusting belt tracking.

1. Make sure tension lever (2) is tight (toward drive drum).
2. Quickly turn the switch ON and OFF to check the tracking. Belt (1) should ride centered on idler and drive drums. Adjust tracking nut (3) as needed to center belt on drums.
3. If belt moves to the left, turn tracking nut to the right. If belt moves to the right, turn tracking nut to the left.
4. Quickly turn switch ON and OFF again. If belt moves to one side, continue adjusting tracking nut as needed to center belt on drums.

Figure 9



ADJUSTING BELT ASSEMBLY POSITION

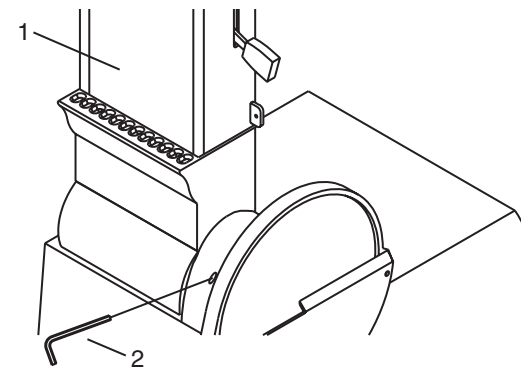
(Fig. 10)

Sanding belt assembly (1) can be adjusted from vertical to horizontal position, or any angle in between.

1. Loosen socket head bolt that is threaded into pivot bracket.
2. Tilt belt assembly to desired position. Secure belt assembly position by tightening socket head bolt in pivot bracket.
3. Adjustable positive stops are provided for both horizon tal and vertical positions.

NOTE: The horizontal limit stop is located on top of the base.

Figure 10

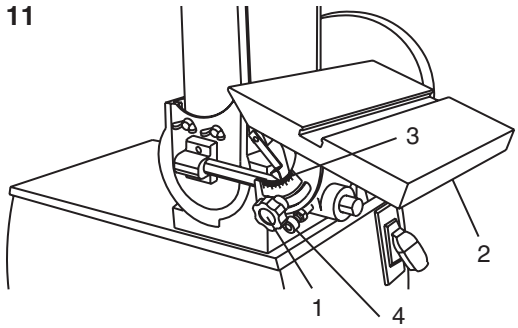


ADJUSTING TABLE ANGLE (Fig. 11)

Table tilts from 0 o 45° and will be within +/-3°.

1. To adjust table angle, loosen handle (1), tilt table (2) to desired angle on scale (3) then secure by tightening handle.
2. Make sure the gap between table and belt is 1/16" (1.5 mm) or less. If necessary, loosen bolt (4) and reposition table.
   Secure with bolt.

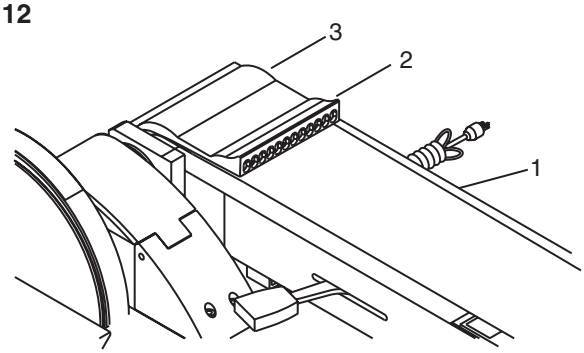
Figure 11



HORIZONTAL BELT SANDING WITH WORK STOP (Fig. 12)

1. Remove table from belt assembly (1).
2. Tilt belt assembly from vertical to horizontal position and secure in position.
3. Work stop (2) has been integrated into dust shroud (3).
4. Idler drum can be used as a contact drum to sand surfaces.

Figure 12



ABRASIVE BELT SANDING

1. Finishing flat surfaces: Hold workplace firmly with both hands; keep fingers away from abrasive belt. Use table to position and secure work being sanded. Keep end butted against table and move work evenly across abrasive belt.
2. Finishing long pieces: Use belt in horizontal position with work stop. Apply only enough pressure to allow abrasive belt to remove material.
   Use work stop to position and secure work being sanded. Keep end butted against work stop and move work evenly across abrasive belt. Use extra caution when finishing very thin pieces.
3. Finishing curved edges: Finish outside curves on flat portion or abrasive belt. Finish inside curves on idler drum portion of abrasive belt.
4. Finishing end grain: It is more convenient to finish ends of long workpieces with the abrasive belt in a vertical position.
   Position table on belt side of sander. Move work evenly across abrasive belt. For accuracy, use mitre gauge. Table may be tilted for beveled work.

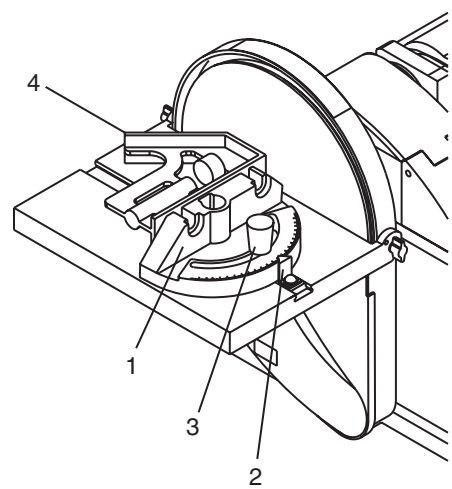
ABRASIVE DISC SANDING

1. Abrasive disc sanding is well suited for finishing small flat surfaces and convex edges.
2. Move workpiece across down side (left) of abrasive disc. Hold workpiece firmly with both hands; keep fingers away from abrasive disc.
3. Abrasive disc moves faster and removes more material at outer edge.
4. For accuracy, use mitre gauge.

USING MITRE GAUGE (Fig. 13)

1. Use mitre gauge (1) for securing the work and holding the proper angle while standing.
2. Use a combination square (4) to adjust mitre gauge square to belt (disc). Pointer (2) should be at zero. Loosen screw and reposition pointer if necessary.
3. After setting mitre gauge square to belt (disc), adjust to desired angle by repositioning the mitre gauge scale and locking it into place with knob (3).

Figure 13



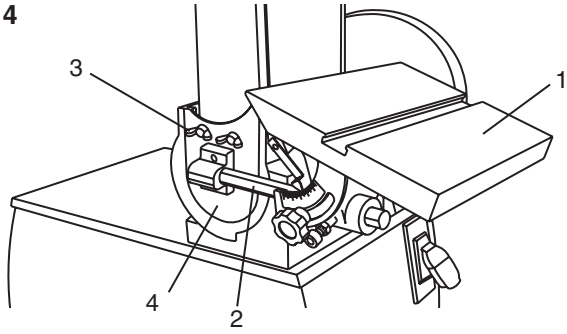
REPLACING ABRASIVE BELT (Fig. 14)

1. Sanding belt should be replaced when worn, torn, or glazed.
2. Remove table assembly (1) and support rod (2).
3. Loosen and remove wing screws and washers (3) and cover (4)
4. Release belt tension by pushing tension lever up toward idler drum. Slide old belt off the drive and idler drums.

NOTE: There may be an arrow on the inside of the belt. The arrow should point in the direction of belt travel to ensure that the splice in the belt will not come apart.

5. Slide new belt over the drive and idler drums; center belt on drums.
6. Push tension lever down towards drive drum to tension belt.
7. Check tracking. See “Adjusting Belt Tracking”, on page 5.
8. Assemble in reverse order.

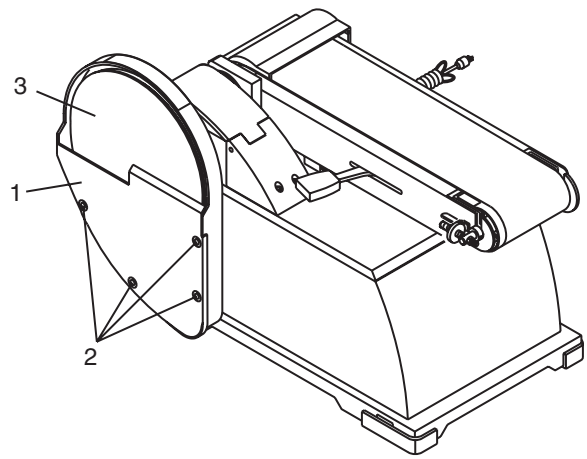
Figure 14



REPLACING ABRASIVE DISC (Fig. 15)

1. Remove table assembly.
2. Remove disc cover (1) by loosening and removing five screws (2).
3. Remove old abrasive disc by peeling it from the aluminum disc. Removng aluminum disc is not necessary.
4. Clean aluminum disc (3) if necessary. Use mineral spirits to remove old adhesive residue. Select the de sired abrasive disc and apply to aluminum disc.
5. Replace disc cover.

Figure 15



8 MAINTENANCE

GENERAL MAINTENANCE

⚠WARNING

- For your own safety, turn switch OFF and remove the plug from power source receptacle before maintaining, cleaning, adjusting, or lubricating your sander.
- To avoid fire or toxic reaction, never use gasoline, naphta, acetone, lacquer thinner or similar highly volatile solvents to clean the sander.
- To avoid eye injury from blowing debris, wear safety goggles when blowing out sawdust.

CLEANING

Keep sander and workshop clean. Do not allow sawdust to accumulate on the tool. Keep the drums clean. Dirt on drums will cause poor tracking and belt slippage. Periodically empty the dust collection bag.

Be certain motor is kept clean and is frequently vacuumed free of dust.

Use soap and water to clean painted parts, rubber parts and plastic guards.

LUBRICATION

The shielded ball bearings in this have been are permanently lubricated at the factory. They require no further lubrication.

- When operation seems stiff, a light coat of paste wax applied to the table will make it easier to feed the work while finishing.
- Do not apply wax to the belt platen. Belt could pick up wax and deposit it on wheels causing belt to slip.

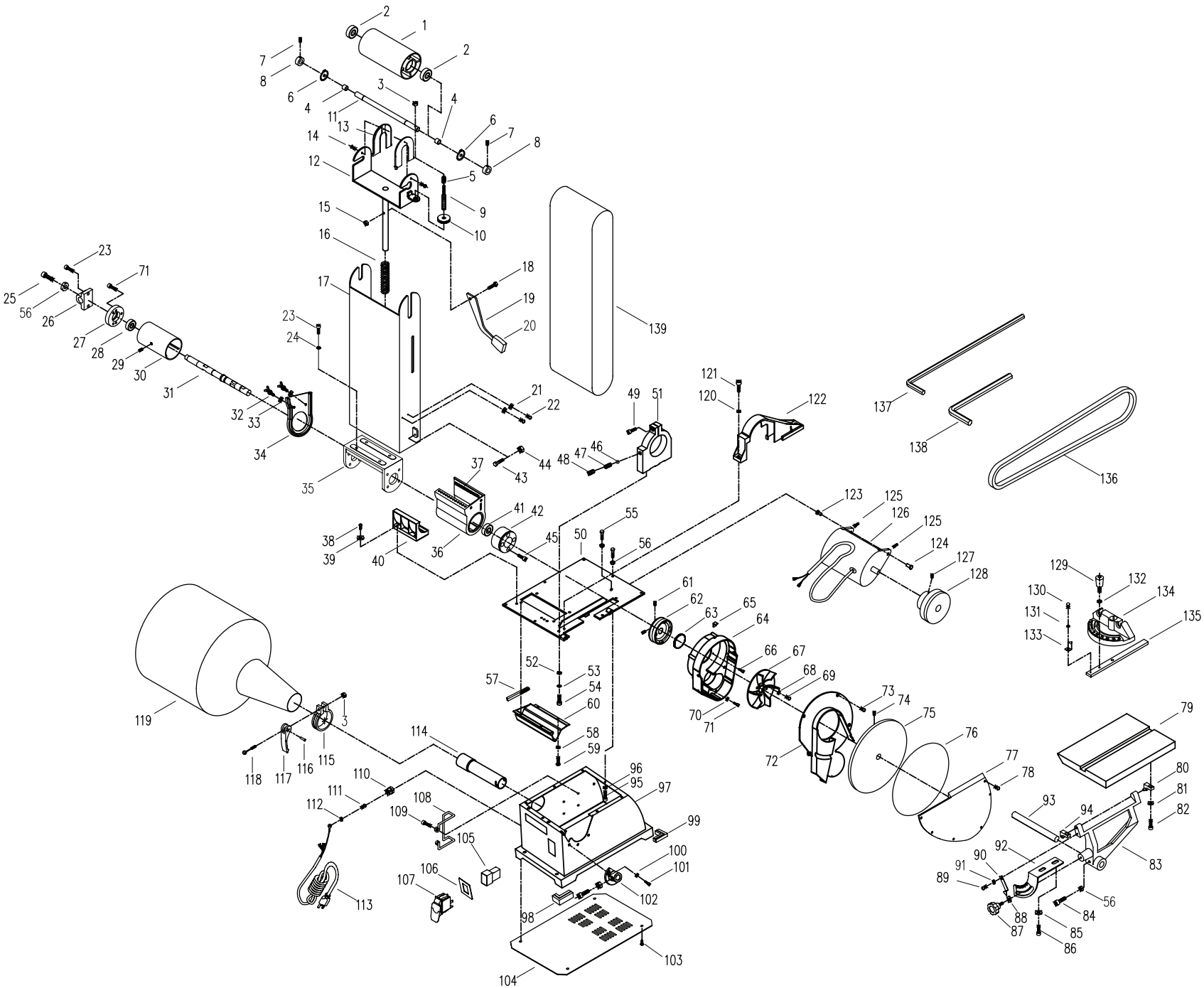
TOOL REPAIRS

- If power cord is worn, cut, or damaged in any way, have it replaced immediately.
- Replace worn abrasives when needed.
- Replace any damaged or missing parts. Use parts list to order parts.Any attempt to repair motor may create a hazard unless repair is done by a qualified service technician. Call the customer service line at **847-780-6120** for assistance.

TROUBLESHOOTING 9

SYMPTOM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Motor will not start	1. Low voltage 2. Open circuit in motor or loose connections 3. Defective switch 4. Defective capacitor	1. Check power line for proper voltage 2. Inspect all lead connections on motor for loose or open connection 3. Replace switch 4. Replace capacitor
Motor will not start; fuses blown or circuit breakers are tripped	1. Short circuit in line cord or plug 2. Short circuit in motor or loose connections 3. Incorrect fuses or circuit breakers in power line	1. Inspect line cord or plug for damaged insulation and shorted wires 2. Inspect all lead connections on motor for loose or shorted terminals or worn insulation on wires 3. Install correct fuses or circuit breakers
Motor fails to develop full power (power output of motor decreases rapidly with decrease in voltage at motor terminals)	1. Power line overloaded with lights, appliances and other motors 2. Undersize wires or circuits too long 3. General overloading of power company's facilities	1. Reduce the load on the power line 2. Increase wire sizes, or reduce length of wiring 3. Request a voltage check from the power company
Motor overheats	Motor overloaded	Reduce load on motor
Motor stalls (resulting in blown fuses or tripped circuit breakers)	1. Short circuit in motor or loose connections 2. Low voltage 3. Incorrect fuses or circuit breakers in power line 4. Motor overload	1. Inspect connections in motor for loose or shorted terminals or worn insulation on lead wires 2. Correct the low line voltage conditions 3. Install correct fuses or circuit breakers 4. Reduce load on motor
Machine slows down while operating	Applying too much pressure to workpiece	Ease up on pressure
Abrasive belt runs off top wheel	Not tracking properly	See operation "Adjusting Belt Tracking"
Dust collection not working	1. Dust collection bag full 2. Belt loose or broken 3. Impeller loose or broken	1. Empty dust collection bag 2. Replace belt 3. Replace impeller

10 6"X 9" BELT/DISC SANDER PARTS ILLUSTRATION



6"x 9" BELT/DISC SANDER PARTS LIST

Key No.	Part No.	Description	Specification	Qty
1	BD6900001	Idler Drum		1
2	BD6900002	Bearing 6201-2Z		2
3	BD6900003	Lock Nut 6		2
4	BD6900004	Rubber Sleeve		2
5	BD6900005	Compression Spring		1
6	BD4800004	Shock Ring		2
7	BD6900007	Set Screw	5x6	2
8	BD4800003	Locating Ring		2
9	BD4800010	Bolt		1
10	BD4800011	Nut		1
11	BD6900011	Idler Shaft		1
12	BD6900012	Idler Bracket		1
13	BD6900013	Guard		2
14	BD6900014	Pan Head Screw	ST4x10L	2
15	BD6900015	Fiber Hex Nut 6		1
16	BD6900016	Compression Spring		1
17	BD6900017	Platen		1
18	BD6900018	Hex Head Bolt	6x25L	1
19	BD6900019	Tension Lever		1
20	BD6900020	Cover		1
21	BD6900021	Flat Washer 5		2
22	BD6900022	Pan Head Screw	M5x10	2
23	BD6900023	Hex Head Screw	M6x16	6
24	BD6900024	Spring Washer		4
25	BD6900025	Hex Head Screw	M8x20	2
26	BD4800024	Mount		1
27	BD6900027	Bearing Plate		1
28	BD6900028	Bearing 6001-2RZ		1
29	BD6900029	Set Screw 8x10L		4
30	BD6900030	Drive Drum		1
31	BD6900031	Drive Shaft		1
32	BD6900032	Wing Screw		2
33	BD4800032	Flat Washer 5		2
34	BD4800033	Side Cover		1
35	BD6900035	Support Seat		1
36	BD6900036	Dust Housing		1
37	BD6900037	Sponge		1
38	BD6900038	Pan Head Screw	6x16	2
39	BD6900039	Flat Washer 6		2
40	BD6900040	Dust Deflector		1
41	BD6900041	Bearing 6004-2RZ		1
42	BD6900042	Pivot		1
43	BD6900043	Hex Head Bolt	6x20L	1
44	BD6900044	Hex Nut 6		2
45	BD6900045	Socket Head Screw	6x30L	4
46	BD6900046	Steel Ball 8		1
47	BD4800045	Spring		1
48	BD6900048	Set Screw	10x8	1
49	BD6900049	Socket Head Screw 8x25L		1
50	BD6900050	Support Plate		1
51	BD6900051	Bracket		1
52	BD6900052	Flat Washer 8		2
53	BD6900053	Spring Washer 8		3
54	BD6900054	Socket Head Screw	8x15	3
55	BD6900055	Hex Head Bolt	8x35	2
56	BD6900056	Hex Nut 8		5
57	BD6900057	Sponge		1
58	BD6900058	Flat Washer		4
59	BD6900058	Pan Head Screw	6x8	4
60	BD6900060	Dust Chute		1
61	BD6900061	Socket Head Screw	M8x10	2
62	BD6900062	Driver Pulley		1
63	BD6900063	Sponge		1
64	BD6900064	Disc Guard		1
65	BD6900065	Disc Guard Pulg		1
66	BD6900066	Socket Head Screw	M5x35	2
67	BD6900067	Fan		1
68	BD6900068	Flate Washer		4
69	BD6900069	Socket Head Screw	M5x10	4
70	BD6900070	Flat Washer		2
71	BD6900071	Socket Head Screw 5		5
72	BD6900072	Dust Chute		1
73	BD6900073	Self-Tapping Screw	ST4.8x13L	8
74	BD6900074	Set Screw	8x8L	2
75	BD6900075	Aluminum Disc		1
76	BD6900076	Abrasive Disc		1
77	BD6900077	Disc Guard		1
78	BD6900078	Pan Head Screw	5x12	5
79	BD4800081	Table		1
80	BD4800082	Left Joint		1
81	BD4800083	Flat Washer 5		2
82	BD4800084	Socket Head Screw		2
83	BD4800085	Bracket		1
84	BD6900084	Socket Head Screw	8x20L	1
85	BD4800086	Flat Washer 8		2
86	BD4800087	Socket Head Screw		2
87	BD4800088	Lock Knob		1
88	BD4800089	Flat Washer 6		1
89	BD4800090	Socket Head Screw		1
90	BD4800092	Pointer		1
91	BD4800091	Flat Washer 5		1
92	BD4800093	Angle Scale		1
93	BD4800094	Rod		1
94	BD4800095	Right Joint		1
95	BD6900095	Socket Head Screw	5x6L	8
96	BD6900096	Flat Washer		8
97	BD6900097	Base		1
98	BD4800105	Foot B		2
99	BD4800099	Foot A		2
100	BD6900100	Flat Washer		2
101	BD6900101	Socket Head Screw	6x16	2
102	BD6900102	Mount		1
103	BD6900103	Pan Head Screw	5x10L	4
104	BD6900104	Bottom Plate		1
105	BD4800106	Switch Box		1
106	BD4800107	Switch Plate		1
107	BD4800108	Switch		1
108	BD4800109	Hook		2
109	BD6900109	Pan Head Screw	5x10L	4
110	BD6900110	Strain Relief		1
111	BD6900111	Pan Head Screw	5x6L	1
112	BD6900112	Serrated Washer 5		1
113	BD6900113	Line Cord		1
114	BD6900114	Dust Pipe		1
115	BD6900115	Bag Clamp		1
116	BD6900116	Pin		1
117	BD6900117	Wrench		1
118	BD6900118	Pivot Bolt	6x40	1

Key No.	Part No.	Description	Specification	Qty
119	BD6900119	Dust Bag		1
120	BD6900120	Flat Washer		2
121	BD6900121	Pan Head Screw		2
122	BD6900122	Guard		1
123	BD4800127	Pin 10x20		1
124	BD4800130	Pin		1
125	BD6900125	Set Screw		2
126	BD6900126	Motor		1
127	BD6900127	Set Screw		2
128	BD6900128	Motor Pulley		1
129	BD4800134	Knob		1
130	BD4800135	Cross Recessed Pan Head Screw		1
131	BD4800136	Flat Washer		1
132	BD4800140	Flat Washer 6		1
133	BD4800137	Pointer		1
134	BD4800138	Miter Gauge		1
135	BD4800139	Slide Bar		1
136	BD6900136	V-Belt		1
137	BD6900137	Wrench 4		1
138	BD6900138	Wrench 6		1
139	BD6900139	Abrasive Belt		1

WARRANTY

Thank you for investing in a **POWERTEC** power tool. This product has been designed and manufactured to meet high quality standards and is guaranteed for domestic use against defects in workmanship or material for a period of 12 months from the date of purchase. This guarantee does not affect your statutory rights.

WARRANTY

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SOUTHERN TECHNOLOGIES LLC. BENCH TOP AND STATIONARY POWER TOOL
LIMITED 1 YEAR WARRANTY AND 30-DAY SATISFACTION GUARANTEE POLICY

POWERTEC products are designed and manufactured by **Southern Technologies LLC.** All warranty communications should be directed to **Southern Technologies LLC** by calling 847-780-6120 (toll free), 9 AM to 5 PM, Monday through Friday, US Central Time.

30- DAY SATISFACTION GUARANTEE POLICY

During the first 30 days after the date of purchase, if you are dissatisfied with the performance of this ***POWERTEC*** tool for any reason, you may return the tool to the retailer from which it was purchased for a full refund or exchange. You must present proof of purchase and return all original equipment packaged with the original product. The replacement tool will be covered by the limited warranty for the balance of the one year warranty period.

LIMITED ONE YEAR WARRANTY

This warranty covers all defects in workmanship or materials in this ***POWERTEC*** tool for a one year period from the date of purchase. This warranty is specific to this tool. **Southern Technologies, LLC** reserves the right to repair or replace the defective tool, at its discretion.

HOW TO OBTAIN SERVICE

To obtain service for this POWERTEC tool you must return it, freight prepaid, to POWERTEC. You may call (toll free) 847-780-6120 for more information. When requesting warranty service, you must present the proof of purchase documentation, which includes a date of purchase. POWERTEC will either repair or replace any defective part, at our option at no charge to you. The repaired or replacement unit will be covered by the same limited warranty for the balance of one year warranty period.

WHAT IS NOT COVERED

This warranty applies to the original purchaser at retailer and may not be transferred.
This warranty does not cover consumable items such as saw blades, knives, belts, discs, cooling blocks and sleeves.
This warranty does not cover required service and part replacement resulting from normal wear and tear, including accessory wear.
This warranty does not cover any malfunction, failure or defect resulting from:
1) misuse, abuse, neglect and mishandling not in accordance with the owner's manual.
2) damage due to accidents, natural disasters, power outage, or power overload.
3) commercial or rental use.
4) alteration, modification or repair performed by persons not recommended by ***POWERTEC***.

DISCLAIMER

To the extent permitted by applicable law, all implied warranties, including warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, are disclaimed. Any implied warranties, that cannot be disclaimed under state law are limited to one year from the date of purchase. **Southern Technologies LLC**. is not responsible for direct, indirect, incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Southern Technologies LLC., makes no warranties, representations, or promises as to the quality or performance of its power tools other than those specifically stated in this warranty.

POWERTEC