

MACHINERY DIVISION

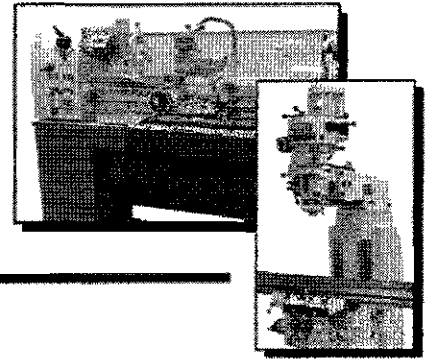
6465 18 MILE ROAD
STERLING HEIGHTS, MI 48314

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(586) 731-3600 • 1-800-860-1740

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(586) 731-7464 • 1-800-862-1740



MODEL 2486 SANDER/GRINDER

THANK YOU FOR PURCHASING WITH KBC MACHINERY. ALL KBC MACHINES ARE BACKED BY OUR 1 YEAR PARTS REPLACEMENT WARRANTY. WHEN USED AS INTENDED, AND WITH PROPER MAINTENANCE THIS MACHINE WILL PROVIDE YOU WITH YEARS OF TROUBLE-FREE SERVICE. IF YOU NEED PARTS SIMPLY FILL OUT THE PARTS REQUEST FORM, AND FAX OR E-MAIL YOUR REQUEST. ALL OTHER QUESTIONS PLEASE CONTACT US @ :

**KBC MACHINERY
6465 18 MILE ROAD
STERLING HEIGHTS, MI 48314
PH (800) 860-1740
FAX (800) 862-1740
MACHINERY@KBCTOOLS.COM
WWW.KBCTOOLSANDMACHINERY.COM**



PARTS REQUEST FORM

YOUR COMPANY NAME: _____

STATE/PROVINCE _____

YOUR NAME _____

PHONE # + EXT _____

FAX # _____

MACHINE INFO:

MAKE/MANUFACTURER _____

MODEL NUMBER _____

YEAR MADE _____

SERIAL# _____

PARTS REQUESTED:

PART#

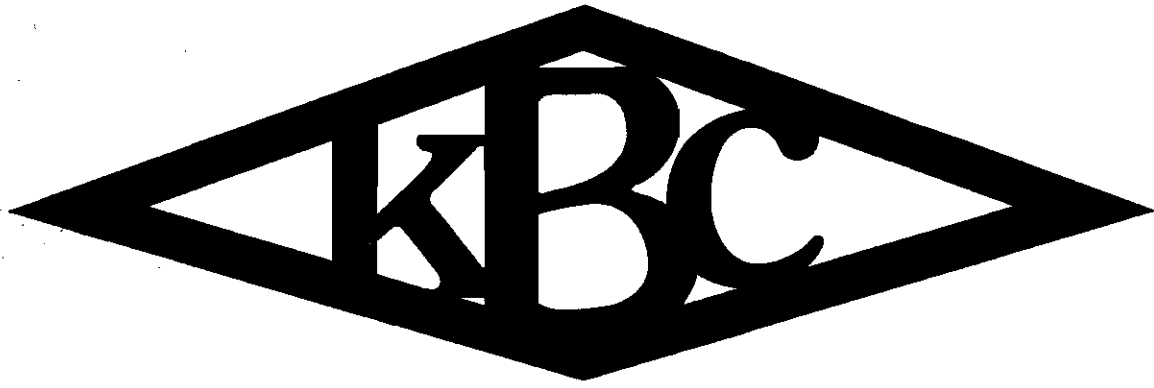
DESCRIPTION

PLEASE INCLUDE COPY(S) OF THE PARTS DRAWING FROM THE
MANUAL AND CIRCLE THE PARTS NEEDED

FAX PARTS REQUEST TO (800) 862-1740

E-MAIL PARTS REQUEST TO: machinery@kbctools.com

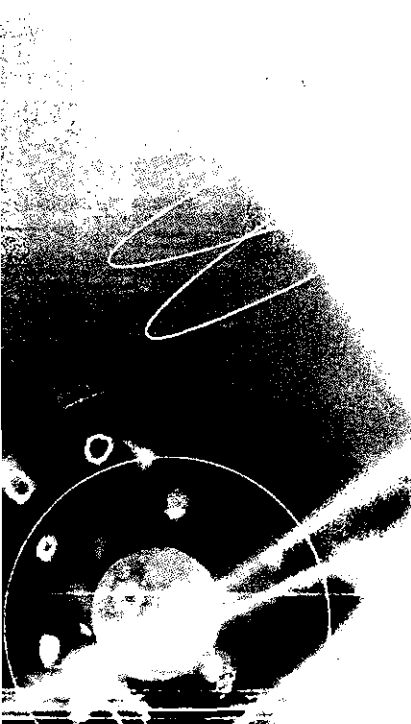
THANKS; KBC MACHINERY - MICHIGAN



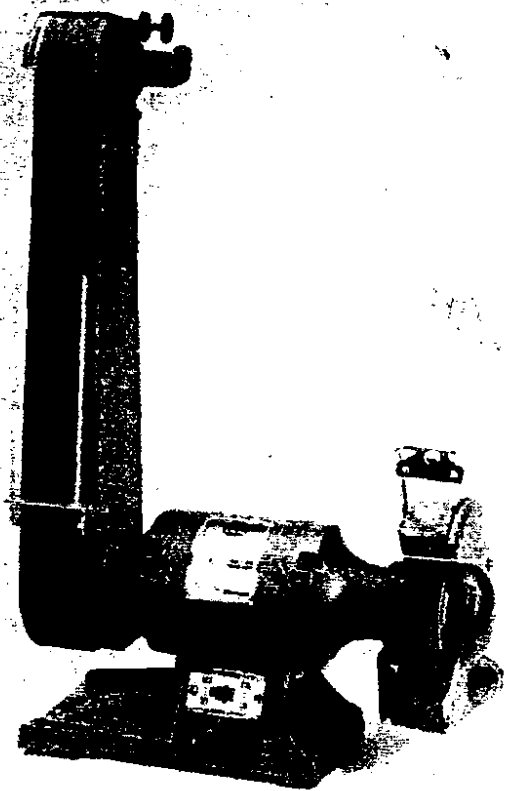
machinery

BELT SANDER GRINDER

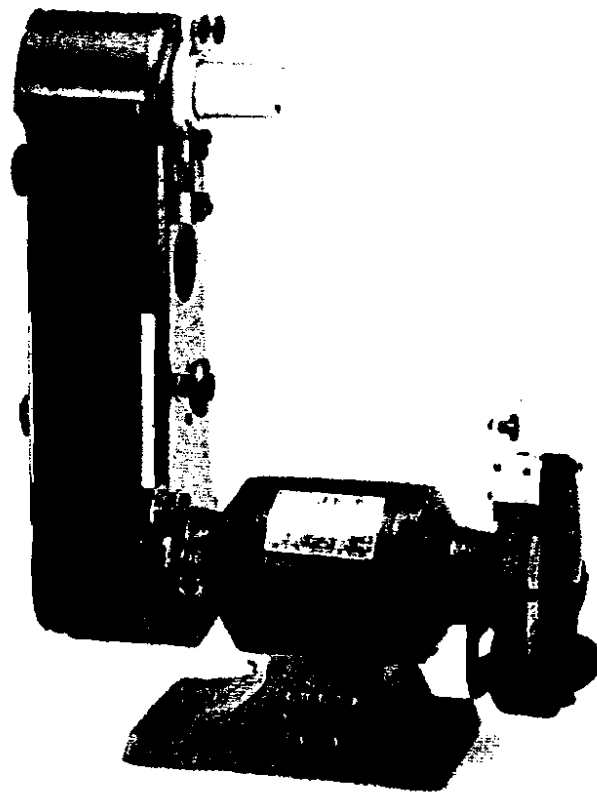
#2486



BELT SANDER GRINDER



248-6



248-8

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SAFETY RULES FOR ALL POWER TOOLS

As with all electrical power tools it is important to read and follow the safety guidelines in this instruction manual. By using the tool in the manner for which it is designed and by following the safety precautions, it will considerably lessen the possibility of personal injury.

BEFORE PLUGGING IN YOUR POWER TOOL

1. Read the instruction manual fully and understand the applications and potential safety hazards. Do not modify this tool without expert advice.
2. **Ground all tools** - If tool is equipped with a 3 prong plug it should only be used with a 3 hole receptacle. If an adaptor is used for 2 prong receptacle, the adaptor lug must be attached to a known ground. **DO NOT REMOVE THE 3RD PRONG.**
3. **Safety guards** are there for your protection, ensure they are correctly fitted and in place.
4. **Accidental starting** - Make sure switch is "OFF" before plugging in your tool.
5. **Adjusting keys** - Make sure all keys and tools are clear of work area.
6. **Keep work area clean** - Cluttered work areas are a potential safety-hazard.
7. **Working apparel** - Make sure you have no loose clothing such as ties, jewelry that could get caught in moving parts. An overall is recommended to be worn during operation with sturdy rubber footwear.
8. **Safety goggles** - Use an approved safety goggle or glasses to protect your eyes. A dust mask should also be used during dusty operations.
9. **Secure work** - Firmly secure work piece in a vice, clamp or jig. Avoid getting your hands close to moving parts.
10. **Work area** - Keep your surrounding work area clean, dry and well illuminated.
11. **Keep children away** - Before operation ensure children or visitors are kept at a safe distance.

12. **Tool location** Whether a floor or bench model make sure your tool is on a level surface and cannot move during operation. Bench models should be bolted down.

DURING OPERATION

1. **Use correct tool** - Make sure you are using the tool in the manner for which it is designed.
2. **Forcing your tool** - Do not force your tool, it will operate correctly and give better results using normal pressure.
3. **Don't overreach** - Keep a proper footing and balance at all times.
4. **Tool maintenance** - A sharp and clean tool will give you the best performance. Follow instructions for lubricating.
5. **Changing accessories** - Make sure machine is switched "OFF" before changing accessories and make sure the accessories are designed for your tool.

AFTER USE

1. **Disconnect your machine** - so that during cleaning or moving it cannot be accidentally switched on.
2. **Clean your machine** and working area and put all tools and accessories way out of the reach of children.
3. **Damaged parts** - Before further use ensure you replace faulty or damaged parts. Using your tool without it being in perfect working order could prove hazardous.
4. **Servicing** - Keep your tool lubricated and clean with all moving parts aligned and in good condition.
5. **Lock up your tool** in an area where children or visitors can not gain access.

With proper care and maintenance your power tool can give you years of dependable service.

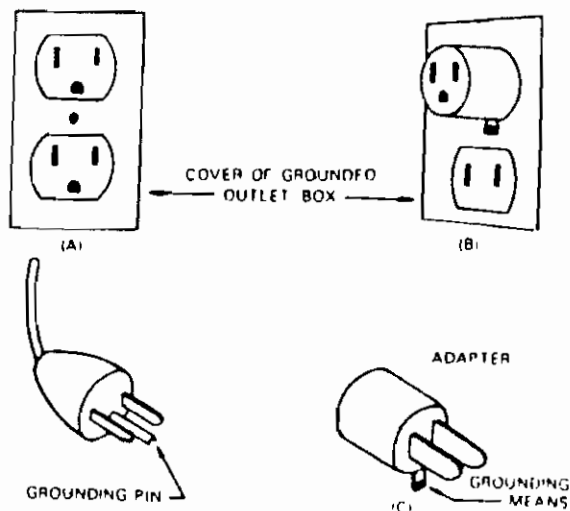
GROUNDING

This tool should be grounded while in use to protect the operator from electric shock.

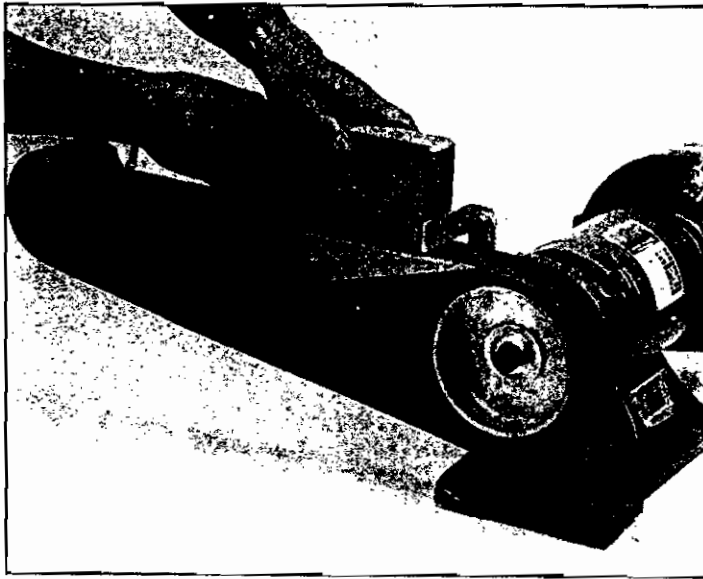
1. **Cord Connected Tools** - This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three conductor cord and three prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A. If it is for use on 150 to 250 volts, see VOLTAGE CHANGE DIAGRAM shown in base cover. An adapter, Figures B and C, is available for connecting Figure A plugs to two prong receptacles. The green colored rigid ear, lug, etc., must be connected to a permanent ground such as a properly grounded outlet box.

Adapter shown in Figure B & C is not for use in Canada.

GROUNDING METHODS

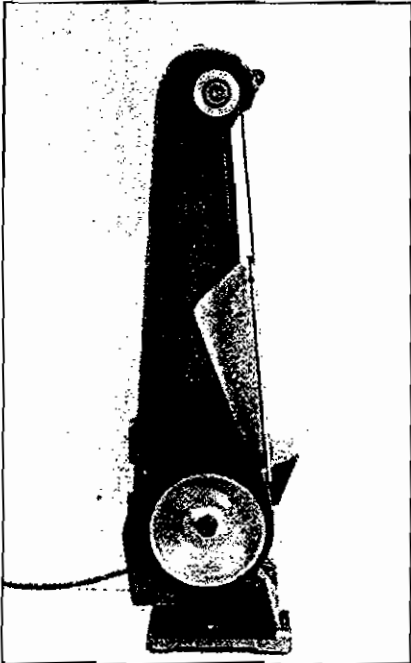


OPERATION



You can operate the belt vertically, horizontally or at any degree in between. Note the tool rest can remain in vertical, Providing excellent work support.

CHANGING BELT.

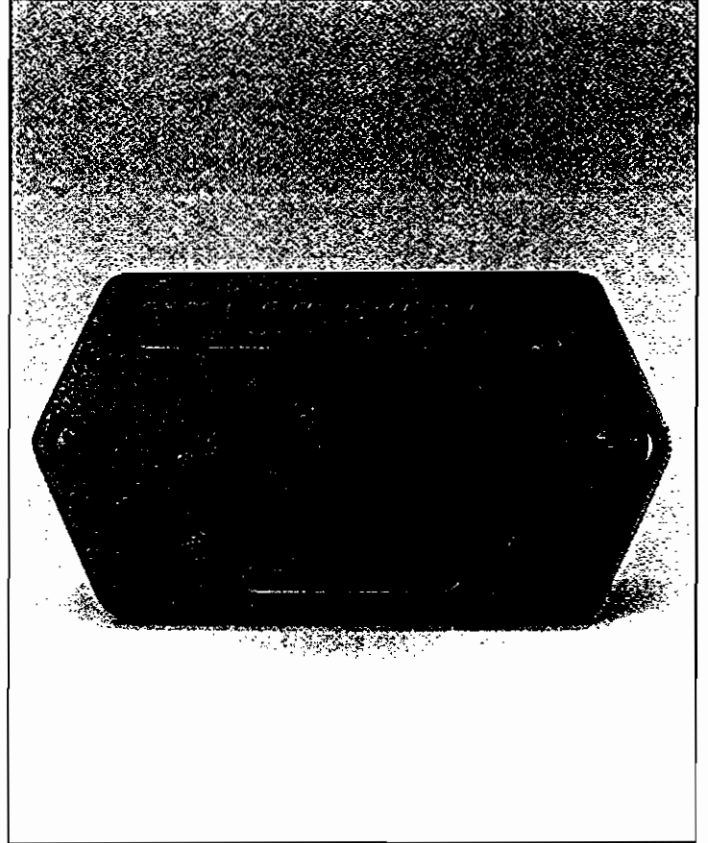
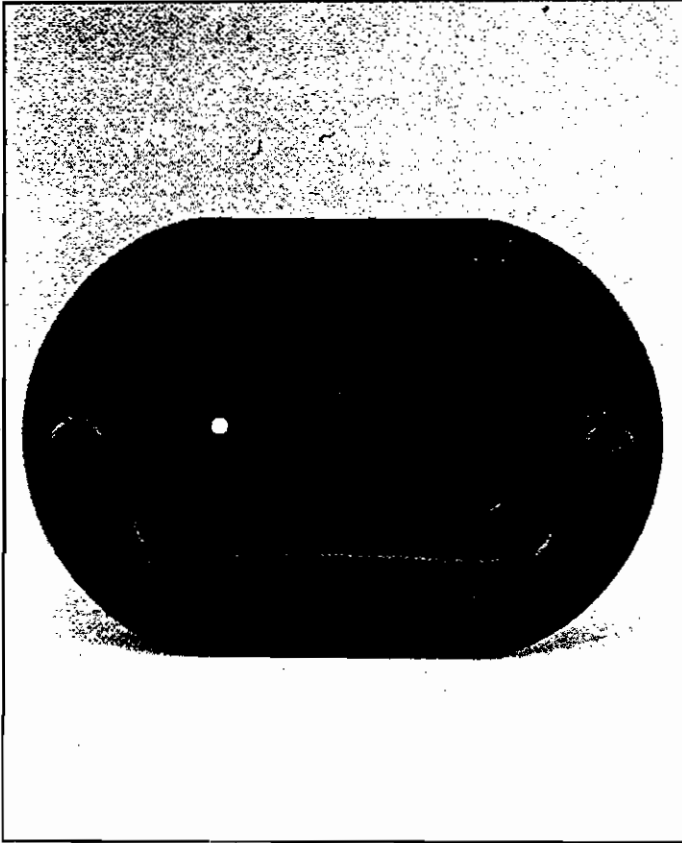


The other side of the Belt Sander.



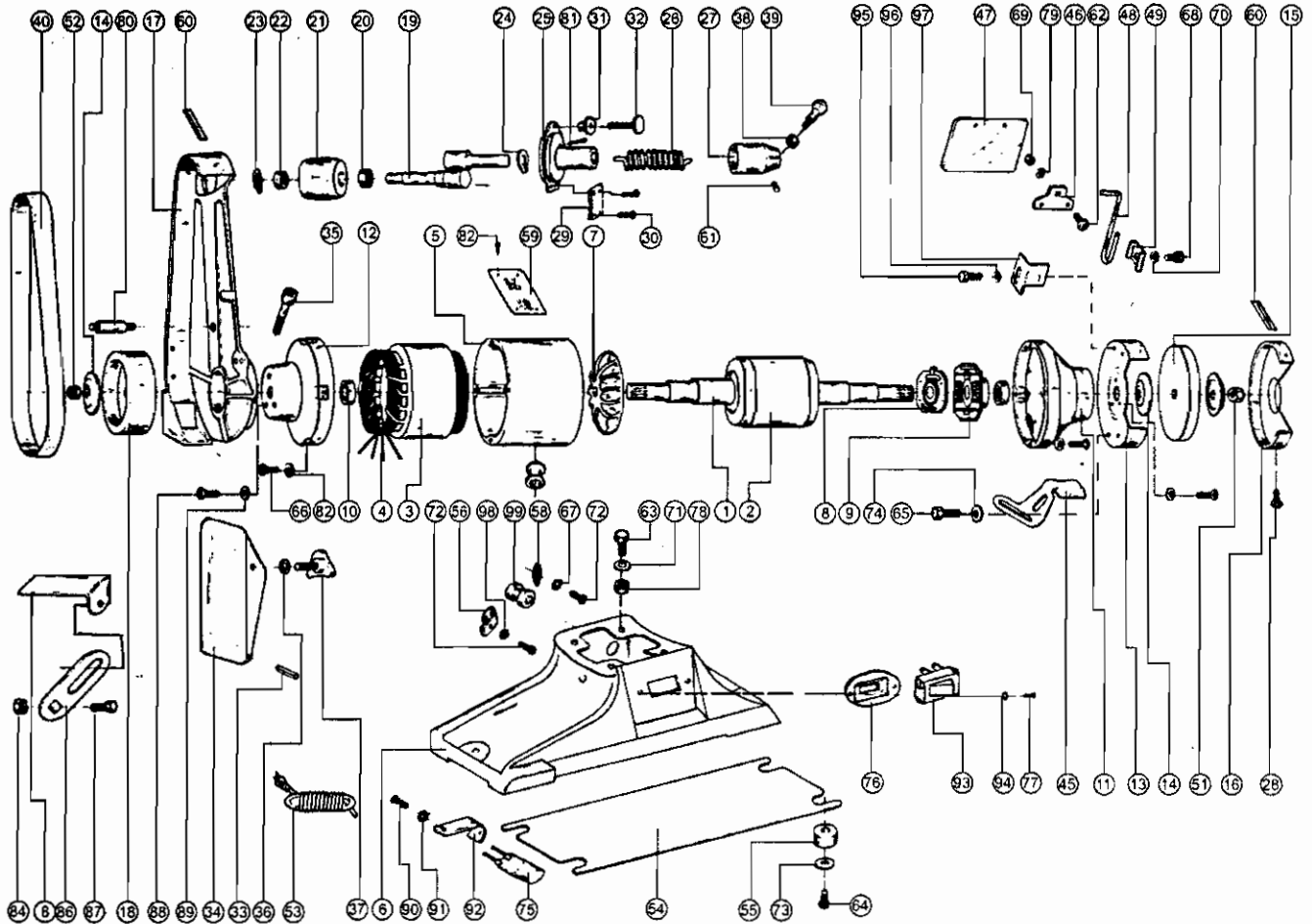
Loosen the knob, you can change the belt.

SWITCH



Switch is made of non-conductive material for added safety.

ASSEMBLY DIAGRAM FOR MODEL 248-6



PARTS LIST FOR 248-6

NO.	Description	Q'TY	NO.	Description	Q'TY	NO.	Description	Q'TY
1.	Shaft	1	31.	Adjust Nut	1	67.	Toothed Washer	1
2.	Rotor	1	32.	Adjust Screw	1	68.	Hex. Screw	1
3.	Stator	1	33.	Socket Head Cap Screw	1	70.	Spring Washer	1
4.	Copper Wire	1	34.	Belt Support Plate	1	71.	Steel Washer	1
5.	Stator Housing	1	35.	Socket Head Cap Screw	1	72.	Set Screw	1
6.	Base	1	36.	Steel Washer	1	73.	Steel Washer	1
7.	Fan	1	38.	Hex. Nut	1	74.	Steel Washer	1
8.	Switch Sheet	1	39.	Knob	1	75.	Condenser	1
9.	Centrifugal Starting Switch	1	40.	Belt	1	76.	Switch Plate	1
10.	Bearing	2	45.	Tool Rest	1	77.	Set Screw	1
11.	AL. Cover (L.H.)	1	46.	Eye Shield	1	78.	Hex. Nut	1
12.	AL. Cover (R.H.)	1	47.	Frame of Eye-shield	1	79.	Spring Washer	1
13.	Wheel Guard (Inner)	1	48.	Post	1	80.	Stud	1
14.	Washer	1	49.	Plastic Washer	2	81.	Steady Stand	1
15.	Grinder	1	50.	Square Washer	2	82.	Rivet	1
16.	Wheel Guard (Outer)	1	51.	Hex. Nut (R)	1	83.	Set Screw	1
17.	Belt Guard	1	52.	Hex. Nut (L)	1	84.	Hex. Nut	1
18.	Rubber Wheel	1	53.	Electric Cord	1	85.	Tool Rest (Upper)	1
19.	Shaft	1	54.	Base Plate	1	86.	Tool Rest (Lower)	1
20.	Ball Bearing	1	55.	Rubber Pad	4	87.	Hex. Screw	1
21.	AL. Wheel	1	56.	Electric Cord Clip	1	88.	Set Screw	1
22.	Ball Bearing	1	57.	Rubber Guide	2	89.	Spring Washer	1
23.	Button Ring (Rear)	1	58.	Terminal	6	90.	Set Screw	1
24.	Button Ring (Front)	1	59.	Name Plate	1	91.	Toothed Washer	1
25.	Rotation Guide	2	60.	Rotation Guide	2	92.	Condenser Fixer	1
26.	Spring	1	62.	Set Screw	1	93.	Switch	1
27.	Loosen-tighten Adjusted Cover	1	63.	Set Screw	1	94.	Toothed Washer	1
28.	Set Screw	1	64.	Set Screw	1	95.	Hex. Screw	1
29.	Pallet	1	65.	Hex. Screw	1	96.	Set Washer	1
30.	Set Screw	1	66.	Set Screw	1	97.	Spark Shield	1