

Notice

90% of all Air Tool problems are caused by
moisture in air lines

This problem can be avoided by using Air Tool Lubricant
(See "Lubrication" & "Air Supply" sections of this manual)

FAILURE TO OIL can void your warranty

31111 Old Wixom Road



6" QUIET DUAL
ACTION SANDER
Model #KTI-85846

Operating Instructions, Parts List,
Warranty, & Warranty Repair Center

IMPORTANT! Read carefully before operating this tool. Failure to operate any power tool properly can result in personal injury and/or property damage!

SPECIFICATIONS

Free Speed (RPM)	10000	Motor (H.P.)	1/2
Air Pressure (PSI)	90	Avg. Air Consump. (cfm)	4
Hose Size (ID)	3/8"	Balancer	Steel/Crossbolt
Air Inlet (NPT)	1/4"	Length	8-1/4"
Pad Size	6"	Shipping Wt. (LBS)	4

Safety

1. Do not use cloth back sanding discs. Use only paper discs and proper adhesive. Follow adhesive manufacturer's directions exactly as specified.
2. Never take any risks with your eyes. Always wear approved eye protection.
3. Use dust mask. It is advisable, when sanding for extended periods of time, to wear a protective mask. This will help prevent breathing in the fine dust created while sanding.
4. Have throttle in "off" position when connecting to air supply.
5. Disconnect tool before performing service, changing accessories, or when not in use.
6. Always use tool a safe distance from other people in work area.
7. Keep tool away from body when it is running. Do not wear loose or ill fitting clothing; remove watches and rings.
8. Secure work with clamps or vise so both hands are free to operate tool. Don't overreach. Keep proper footing and balance at all times.
9. Use proper hose and fitting. Never use quick change couplings attached at tool. They add weight and could fail due to vibration. Instead, add a hose whip and connect coupling between air supply and hose whip, or between hose whip and leader hose.
10. Maintain tools with care. Keep tools clean and oiled for best and safest performance. Follow instructions for lubricating and changing accessories. Wiping or cleaning rags and other flammable waste materials must be placed in a tightly closed metal container and disposed of later in the proper fashion.
11. Make sure the RPM rating of the pad corresponds with the manufacturer's recommended speed of the tool. *Over-speeding* an accessory is dangerous.

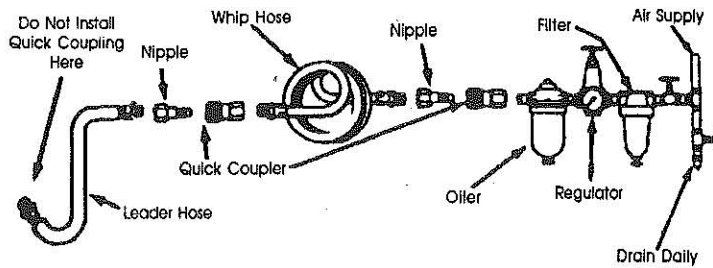
Lubrication

Lubricate the tool daily with a good grade of air tool oil. If no air line oiler is used, run a teaspoon of oil through the tool. The oil can be squirted into the tool air inlet or into the hose at the nearest connection to the air supply, then run the tool. A rust inhibitive oil such as "Marvel Mystery" oil is acceptable for air tools.

Air Supply

Tools of this class operate on a wide range of air pressure. It is recommended that air pressure of these tools measures 90 PSI at the tool while running free. Higher pressure and unclean air will shorten the tool's life because of faster wear and may create a hazardous condition.

Water in the air line will cause damage to the tool. Drain the air tank daily. Clean the air inlet filter screen on at least a weekly schedule. The recommended hookup procedure can be viewed in the illustration below.



The air inlet, used for connecting air supply, has standard 1/4" NPT American Thread.

Line pressure should be increased to compensate for unusually long air hoses (over 25 feet). Minimum hose diameter should be 1/4" I.D. and fittings should have the same inside dimensions.

Operating Instructions

The air regulator knob can be used as an air throttle and can be used for setting positive speed control. Turn the air regulator lever up for maximum speed.

The air inlet used for connecting air supply has standard 1/4" NPT thread.

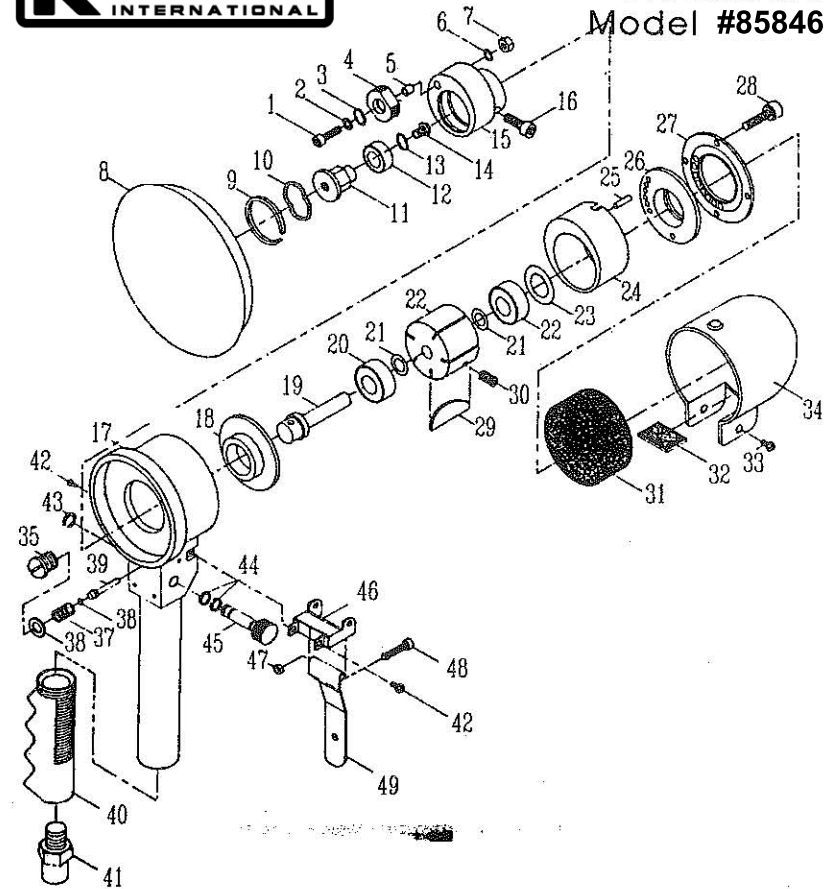
Let the sander do the work. The normal weight of the machine is sufficient for efficient sanding. Do not put additional pressure on the machine. This will only slow down the speed of the pad, reduce sanding efficiency and put an additional burden on the motor. Start the sander off the work, set it down on the work evenly, and move it slowly back and forth in wide, overlapping areas. When finished sanding, lift it off the work before stopping the motor.

Maintenance

Other factors outside the tool may cause loss of power or erratic action. Reduced compressor output, excessive drain on the air line, moisture or restriction in air pipes or the use of hose connections of improper size or poor condition may reduce air supply. Grit or gum deposits in the tool may cut power and may be corrected by cleaning the air strainer and flushing out the tool with gum solvent oil or an equal mixture of SAE#10 oil and kerosene. If outside conditions are in order and tool is out-of-warranty, disconnect tool from hose, disassemble tool, replace worn or damaged parts, clean, reassemble, and re-lubricate, or take tool to any air tool service center. For tools in warranty period, send tool direct to *Warranty Center*.

K TOOL
INTERNATIONAL

6" QUIET DUAL
ACTION SANDER
Model #85846



Ref. #	Part #	Description	Ref. #	Part #	Description
1	101101	Hex Screw	26	101028	Front End Plate
2	101036	Washer	27	101029	Rotor Fixing Cover
3	101103	Wave Washer	28	101031	Hex Crew (4)
4	101104	Balance Nut	29	101023	Rotor Blade (5)
5	101105	Washer	30	101022	Cap Screw
6	101106	Spring Washer	31	101047	Muffler
7	101107	Hex Nut	32	101048	Muffler Element
8	85836	6" Sanding Pad	33	101049	Cover Screw (2)
9	000R-344	Retaining Ring	34	106310	Motor Cover
10	101008	Wave Washer	35	0600-180	Screw
11	101111	Mounting Shaft	36	101431	O Ring
12	6201-ZZ0A	Ball Bearing	37	0300-165	Spring
13	101014	Wave Washer	38	101045	O Ring
14	101015	Hex Screw	39	101057	Valve Stem
15	101115	Balance Body	40	101443	Hose Adaptor
16	101116	Hex Screw	41	101443	Air Inlet
17	101415	Handle	42	101050	Screw (2)
18	101017	Rear End Plate	43	000S-074	Retaining Ring
19	101519	Spindle	44	0440-180	O Ring (2)
20	6200-ZZ0A	Ball Bearing	45	101435	Regulator
21	101020	Shim	46	101438	Lever Bracket
22	101021	Rotor	47	101054	Nut
23	101025	Bearing Shield	48	101053	Screw
24	101026	Cylinder	49	101439	Lever
25	101027	Pin			

Learn more about air sanders and polishers we have.