



Model: **SE240**

Product Type:
AIR BELT SANDER 1/2" x 18"



WARNING



Study, understand and follow all instructions provided with this product. Read these instructions carefully before installing, operating, servicing or repairing this tool. Keep these instructions in a safe accessible place.

INTENDED USE OF THE TOOL

This belt sander is designed to rapidly sand down materials and remove rust, paint and welds in hard to reach areas. Do not use this tool outside of the designed intent. Never modify the tool for any other purpose or use.



WARNING



Caution: To help prevent personal injury

- Use of this product can expose you to chemicals including ethylene glycol, gasoline vapors and engine exhaust, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit www.P65Warnings.ca.gov. Always wear ANSI approved safety equipment, safety glasses and clothing when using this product. Study, understand, and follow all instructions provided with this product. Failure to read and follow all warnings and operating instructions may result in damages and serious injury or death.
- Always wear ANSI approved goggles when using this product. (Users and bystanders).
- Never use this tool for any application other than for which it was designed.
- Only use accessories designed for this tool.
- Never alter or modify this tool in any way.
- Improper operation and/or maintenance of the tool, modification of the tool or use of the tool with accessories not designed for it could result in serious injury or death.
- Always select accessories of the correct size and design for the job that you are attempting to perform.
- Always work in a clean, safe, well-lit, organized and adequately equipped area.
- Do not begin repairs without assurance that vehicle is in secure position and will not move during repair.

AIR BELT SANDER 1/2" x 18"



MADE IN TAIWAN



SILVER EAGLE

1 YEAR LIMITED WARRANTY

- The manufacturer warrants products to the original owner against defective material or workmanship for a period of 1 year (except where noted on our price schedule) from the date of 1st use. The manufacturer reserves the right to determine whether the product failed because of defective material, workmanship or other causes and to charge back for missing parts. The manufacturer, at its discretion, will repair products covered under this warranty free of charge. The distributor should direct the original owner to return the product (with the exceptions listed below) with the distributor's name, address, adequate proof of date of purchase or a copy of warranty card, and a short note explaining the problem. **Failures caused by accident, alteration or misuse are not covered by this warranty.**
- The manufacturer or its authorized service representatives must perform all warranty repairs. Any repair to the product by unauthorized service representatives voids this warranty. The rights under this warranty are limited to the original owner and may not be transferred to subsequent owners.
- This warranty is in lieu of all other warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose. Some states do not allow the exclusion of limitations of incidental or consequential damages so the above limitations may not apply to you.

BEFORE USE

When unpacking, check the parts diagram and part number listing on page 4 to make sure all parts are included. If any parts are missing or damaged, please call your distributor.

PRODUCT INFORMATION:

- Wide rubber coated roller drastically improves sanding belt life without losing aggressiveness
- Simple belt tension lever
- Variable speed control
- Angle offset handle allows for accessing difficult to reach spot-welds comfortably.
- Included in the kit:
 - 1 - 36 Grit 1/2" x 18" (SE140-36B)
 - 1 - 40 Grit 1/2" x 18" (SE140-40B)
 - 1 - 60 Grit 1/2" x 18" (SE140-60B)
- Non-wearing steel roller assembly available (3037PAS)

SPECIFICATIONS:

Free Speed: 17,000RPM
Size of Belt: 1/2" x 18"
Air Consumption: 4.5cfm
Overall Length: 15.15" (385mm)
Net Weight: 1.87 lbs. (0.85kg)
Air Inlet: 1/4"
Air Pressure: 90psi

DO NOT DISCARD – GIVE TO USER

MAINTENANCE INSTRUCTIONS:

1) LUBRICATION:

Before connecting the hose, apply 4 to 5 drops of a good quality air tool oil at the air inlet. After 3 to 4 hours of operation, oiling may be necessary again.

2) TIGHTNESS OF PARTS:

Regularly check whether all connection parts are **fastened securely**. Follow this procedure daily before beginning work.

3) STORAGE:

Avoid storing the tool in a location subject to high humidity. If the tool is left unused, the residual moisture inside the tool can cause rust. Before storing and after operation, oil the tool at the air inlet with a good quality air tool oil and run it for a short period.

4) DISPOSAL:

Follow national legislation of waste disposal.

5) ORDERING SERVICE PART:

For further operational and handling information or for replacement of parts and components, contact the sales agent from where you purchased the tool or the service division of our company.

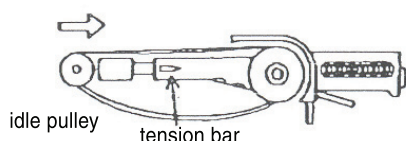
*When ordering parts and components, give each part number, name and quantities.

Sanding Belt Replacement Instructions:

- 1) Disconnect air supply from sander.
- 2) Push #65 idle pulley in the direction shown in the photo below until tension bar automatically locks into place.
- 3) Remove old belt, install new belt.
- 4) Push #23 lock lever in to unlock #8 tension bar and the #65 idle pulley will automatically apply tension to the belt.

WARNING

Always keep hands away from pulleys and disconnect air supply before servicing this tool to prevent serious injury.



Sanding Belt Alignment Instructions:

If the sanding belt is off center of the #1 idle pulley during operation, an adjustment should be made for safety and to prevent premature wear of the belt and other tool parts. If the belt is running off center away from the #20 shoe and #65 pulley assembly, turn the #6 screw clockwise or counter-clockwise to adjust the left/right alignment of the belt until it is centered with the #65 pulley and not rubbing on guards.



WARNING



1. The tool shall not be used in potentially explosive atmospheres.
2. Disconnect the air hose before changing or adjusting any inserted tools.
3. Before using tool, please confirm all couplings and plugs are fixed securely. An air hose that is under pressure may lash out when disconnected and could lead to serious injuries.
4. Prevent loose clothes, long hair or any other personal accessories from coming close to moving parts to reduce the risk of being caught, trapped or drawn into the rotating spindle.
5. Excessive high air pressure that exceeds the maximum pressure may cause injuries to operator.
6. Exposure to strong vibration for extended time may cause harm to operator.
7. Be aware of the rotation direction before starting the tool to reduce hazardous situations due to unexpected rotation direction.
8. WATCH YOUR STEP! Leaving excess hose unattended near working area or walk path could result in injury or death.
9. Wearing eye/face protection could reduce the danger to operator from high speed splinters being emitted from the tool or work surface.
10. Wearing correct breathing protection will help avoid inhaling dust or debris from work process that can be harmful to your health.
11. High sound levels can cause permanent hearing loss. Use hearing protection while operating tool.
12. Due to the material being processed, there may be a risk of explosion or fire. Be aware of work surface dangers prior to beginning work.
13. There is a risk of being cut due to high speed rotation. Do not touch high speed rotating belt.
14. This power tool is not insulated. If contact is made with an electric current, injury may occur.
15. Dust created by sanding, sawing, grinding, drilling and other related activities may expose the user to dust and/or microscopic particles that may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



WARNING



Users of this tool should review the chemical composition of the work surface and any products used in conjunction with this tool for any such chemicals prior to engaging in any activity that creates dust and/or microscopic particles.

Users should obtain the Material Safety Data Sheets for all identified chemicals, whether from the manufacturer or their employer, and proceed to study, understand and follow all instructions and warning for exposure to such chemicals.

Some examples of these chemicals are: lead from lead-based paints; crystalline silica from bricks, cement and other masonry products; and arsenic and chromium from chemically treated lumber. A list of the chemicals can be obtained at www.oehha.ca.gov under Proposition 65.

In order to reduce their exposure to such chemicals users should always:

- Work in well-ventilated areas.
- Wear appropriate safety equipment and clothes that are specifically designed to filter out microscopic particles.

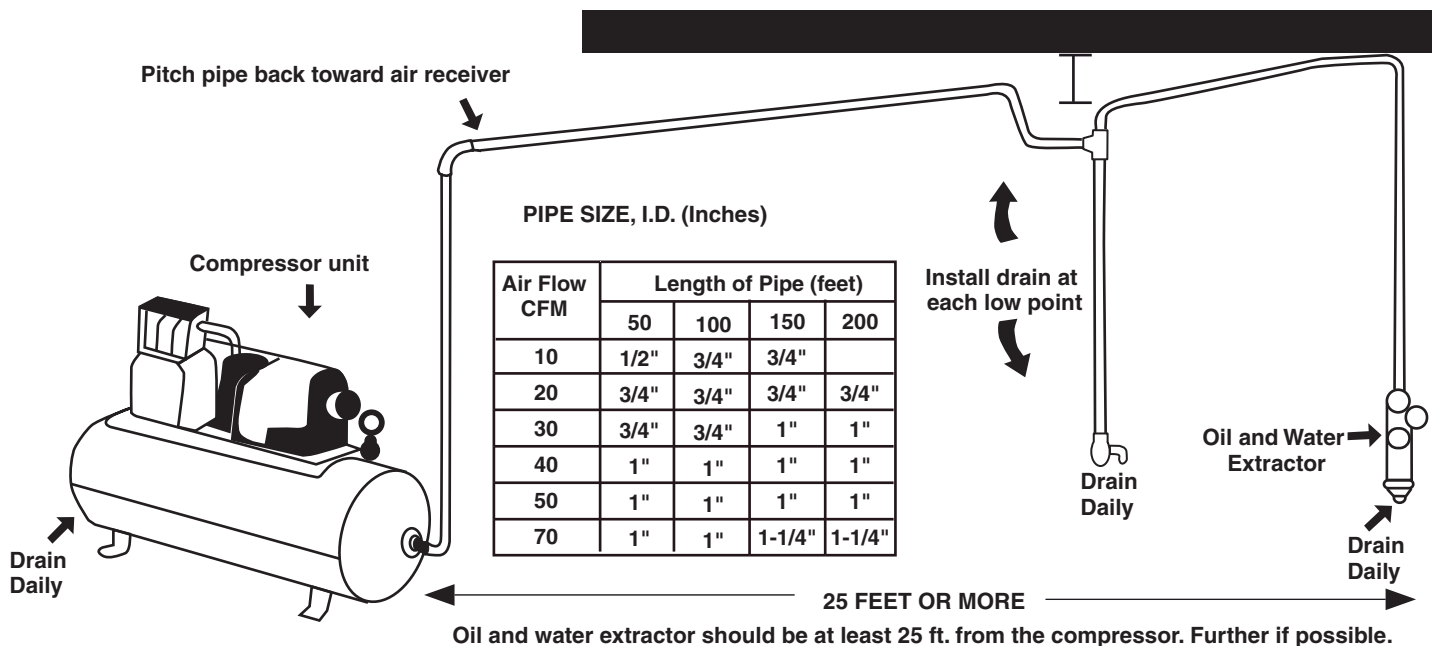
CAUTIONS FOR USE:

1. This tool is intended for polishing and sanding with a rotary movement using abrasive products of appropriate material compositions and grits. Any other use is forbidden.
2. Only use the polishing and sanding belts as recommended by the belt manufacturer.
3. Ensure the maximum operating speed of the belt is higher than the rated speed of the power tool.
4. Always wear ANSI approved ear protection and safety glasses when using this tool. Gloves and protective clothing are recommended.
5. Personal protection and dust collection devices shall be chosen according to the material being worked upon. Please consult provider of such devices.
6. Release the start/stop lever in the case of air supply loss.
7. Only use the lubricant recommended by the manufacturer.

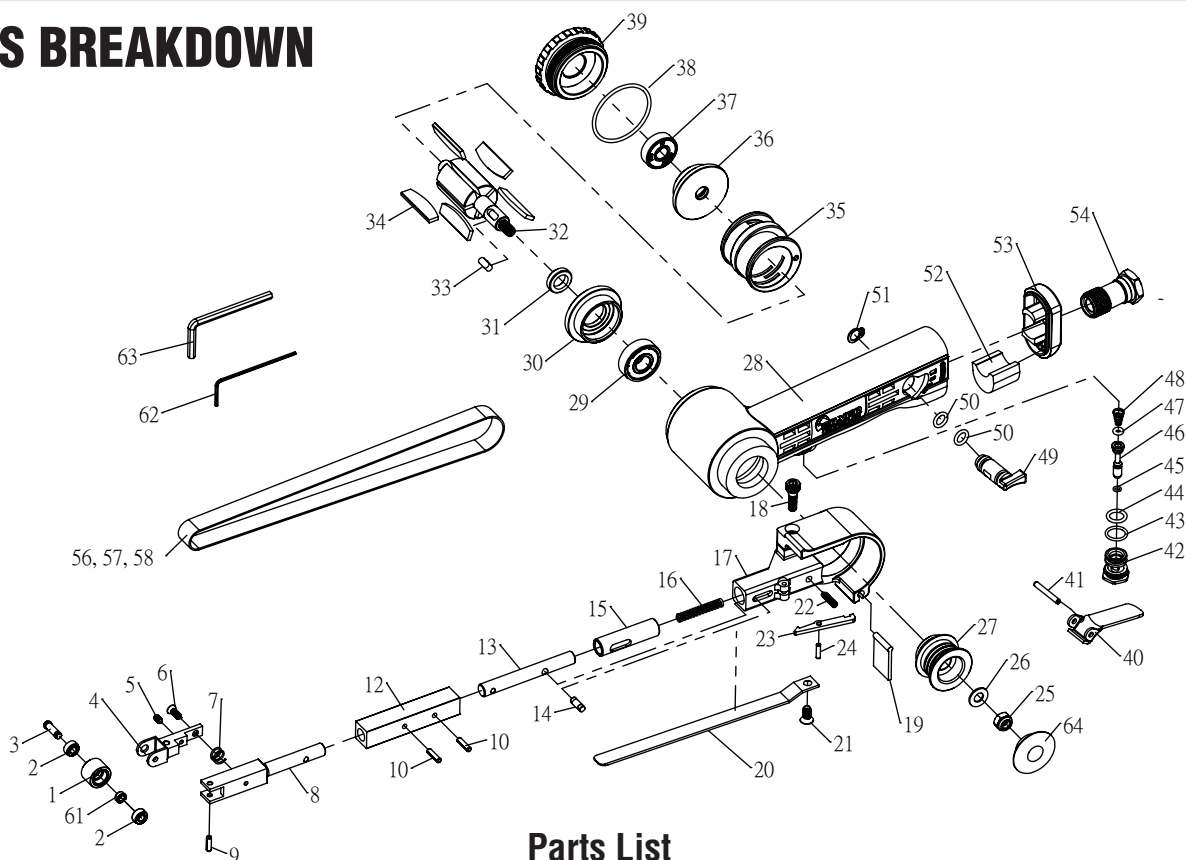
The oil and water extractor should not be mounted on or near the air compressor. The temperature of air is greatly increased during compression. As the air cools down to room temperature in the air line while on its way to the air power tool, the moisture contained in it condenses. Thus, for maximum effectiveness, the oil and water extractor should be mounted at some point

in the air supply system where the temperature of the compressed air in the line is likely to be lowest. Air lines must be properly drained daily. Each low point in an air line acts as a water trap. Such points should be fitted with an easily accessible drain. See diagram below. Pitch all air lines back towards the compressor so that condensed moisture will flow back into the air receiver where it can be drained off. Drain daily.

SUGGESTED AIR LINE CONNECTION



PARTS BREAKDOWN



Parts List

Index	Parts No.	Description	Qty
1	3037-01	Idle Pulley	1
2	3037-02	Ball Bearing (684zz)	2
3	3037-03	Idle Pulley Screw	1
4	3037-04B	Bracket 12.5	1
5	3037-05	Set Screw(M3x5)	1
6	3037-06	Hexagon Socket Headless Set Screw	1
7	3037-07	Spring	1
8	3037-08	Tension Bar	1
9	3037-09	Spring Pin (3x10)	1
10	3037-10	Spring Pin (3x12)	2
12	3037-12	Tension Spindle	1
13	3037-13	Dead Hadle	1
14	3037-14	Stopper Pin	1
15	3037-15	Guard Bushing	1
16	3037-16	Tension Spring	1
17	3037-17	Guard Body	1
18	3037-18	Head Cap Screw (M5x15)	1
19	3037-19	Dust Cover	1
20	3037-20	Shoe 12	1
21	3037-21	Hexagon Socket Headless Set Screw	1
22	3037-22	Stopper Spring	1
23	3037-23	Stopper	1

Index	Part No.	Description	Qty
24	3037-24	Spring Pin (2.5x10)	1
25	3037-25	Hexagon Nut (M6)	1
26	3037-26	Washer (M6)	1
27	3037-27	Drive Pulley	1
28	SE240-28	Housing	1
29	3037-29	Ball Bearing(6000ZZ)	1
30	3037-30	Front End Plate	1
31	SE240-31	Spacer	1
32	SE240-32	Rotor	1
33	SE240-33	Parallel Key Both Ends Round 4x4x9.5	1
34	SE240-34	Rotor Blade	5
35	SE240-35	Cylinder	1
36	SE240-36	Rear End Plate	1
37	3037-37	Ball Bearing (608zz)	1
38	3037-38	O-Ring(S38)	1
39	SE240-39	Cap	1
40	SE240-40	Throttle Lever	1
41	3037-41	Spring Pin (3x20)	1
42	3037-42	Valve Body	1
43	3037-43	O-Ring (S011.2)	1
44	3037-44	O-Ring(ID8.8x1.9)	1
45	3037-45	O-Ring (ID3x1)	1

Index	Part No.	Description	Qty
46	3037-46	Valve Stem	1
47	3037-47	O-Ring (P3)	1
48	3037-48	Valve Spring	1
49	SE240-49	Air Regulator	1
50	3037-50	O-Ring (P7)	2
51	3037-51	Snap Ring	1
52	3037-52	Muffler	1
53	SE240-53	Exhaust Diffuser	1
54	SE240-54	Inlet Bushing	1
56	SE140-36B	Belt 12x18" (#36)	1
57	SE140-40B	Belt 12x18" (#40)	1
58	SE140-60B	Belt 12x18" (#60)	1
61	3037-61	Washer	1
62	3037-62	Hex. Wrench	1
63	3037-63	Hex. Wrench	1
64	3037-64	Pulley Cover	1