

Vac BAR Co's Sander

User Guide | Manual



READ CAREFULLY

Failure to follow the instructions in your product owner's manual for proper operation and safety precautions can result in injury.

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Customer Support: (855) 227-2276
Website: www.barcovacsander.com

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4 * **HOSES**

- Original: 6' light weight premium grade reinforced 1.25" hose (black)
- Plus: 10' light weight premium grade reinforced 1.25" hose (black)
- Extenders: 15' or 25' light weight premium grade reinforced 1.5" hose (black)

** Optional (as per your order)*

FEATURES

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FEATURES

SANDER with ABRASIVE BASE (400 GRIT)

Your sander is ready for use. Simply attach your hose assembly to the end sander handle by sliding the hose cuff onto the sander. Attach the opposite end of your hose system to your shop vac or hepa filtered vacuum. Make sure to start your sander with the airflow adjuster completely closed; open/close the airflow adjuster as needed to match your vacuum suction. Your sander should just hold itself to the wall and glide across the wall's surface with fingertip effort.

1 SANDER CHAMBER

Your sander chamber is represented in blue. Be sure to always keep your sander clean and clear of foreign objects; never attempt vacuuming with the sander other than during regular sanding use.

2 SANDER HANDLE

Your handle (also in blue) can be gripped for more aggressive sanding needs. However, for fingertip sanding, simply slide your hand under the handle to softly grip the lower chamber. Be sure to not touch the wall or abrasive base to avoid pinching or scraping your fingers. For best use, find a grip that you are most comfortable with. No force or hard pressure is needed; the sander is designed to do all the work for you. Simply guide the sander in a forward motion and return for your next pass.

Remember to keep your chamber and its handle clean and clear of foreign objects.

FEATURES

3 AIRFLOW ADJUSTER

The airflow adjuster assists your sander in working with the strength of your vacuum. Your sander should just hold itself to the wall for perfect results. Too much pressure will cause the sander to skip across the surface; simply adjust the airflow adjuster to lower the suction power for optimum performance. Adjustments may be needed for different vacuums and/or new filters. Remember to periodically check your vacuum's performance and suction. If you start losing power (suction), your vacuum could be clogged or full. **The sander takes in 100% of the sanded dust;** be sure to follow your vacuum's recommended usage and maintenance, including proper filtration and cleaning. Never remove your airflow adjuster from the sander.

4 BASE ATTACHMENT KNOB

Your base attachment knob holds the abrasive base onto your sander. To replace your abrasive base, simply unscrew your base attachment knob completely. Remove and replace your abrasive base by sliding the notched ends into the appropriate slots of the chamber. Replace the knob through the top, front end of the chamber from where you originally removed it, lining the knob up with the abrasive base unit's screw threads. Twist until secure. Do not over-twist your knob. Make sure to always attach your abrasive base with the provided knob. Never remove your knob during sanding / use.

FEATURES

5 **ABRASIVE BASE (Interchangeable)**

Your abrasive base is a custom cut industrial super abrasive that can cut through steel. Please be very careful when placing the sander on furniture or delicate surfaces as damage WILL happen.

YOUR BASE NEEDS TO BE BROKEN IN. This can be done by sanding any painted surface for about 15-20 minutes. Your abrasive base is broken in when the surface grains begin to show flat and even surface.

Your abrasive base is self-sharpening and will expose new particulate as you use it. A standard life expectancy of approximately 2 - 4 years with regular use. Your abrasive base will need to be replaced when the center of the pad starts to collect pockets of dust and shows a low "tire tread".

Your sander comes with an abrasive pad in a 400 grit size, perfect for painted surfaces and wall repair and/or drywall work. Other grit sizes are available for different applications.

Contact our office if you have questions about the abrasive pad, the base unit and how it works, or if you would like to receive more information about the different applications and grit sizes available.

USE | USAGE

USING YOUR SANDER

The BAR Co's Vac Sander has a very different feel than a normal sanding tool and should not be used in the same traditional way. Expect to feel differences when using this sander; do not over-sand or apply too much pressure. The sander has been designed to do all the work for you, and because it collects 100% of the sanded particulate, you will not see any dust and must pay attention to the wall you're working on. We recommend getting accustomed to how well and quickly the sander performs before running through with a second or third pass.

This sander has a perfectly flat base. Because of this, you will literally get a flat, evenly finished, featureless surface after you've used the sander. Until you get used to using the sander, spackling may be different than you're used to.

We recommend sanding before spackling to smooth out the wall. Ultimately, you will use less spackle than you would normally have used in the past. Do not try to cut into the wall with the sander. The sander should always be flat against the wall with just enough suction to hold itself to it. Adjust your airflow adjuster until your suction levels will support this and to allow the sander to lightly move over the surface. The sander should never jump or chatter. If you do experience any chattering, open the airflow adjuster until the chattering stops.

USE | USAGE

USING YOUR SANDER

Be aware of humidity levels and make sure that your spackle is 100% dry before using the sander. Since the dust collection rate is so high, too much humidity in the vacuum can cause clumping and clog your filter quickly. You may find that there is clumping on the bottom on the abrasive pad due to the moisture content. If this happens, simply give the sander a quick tap on its side to loosen the dust particles. Do this while the vacuum is still on to avoid any particulate falling on the floor or other surface(s). Be sure to clean and maintain your vacuum system as instructed by its manufacturer. Be sure to check and clean inside the sander chamber if you do find clumping due to moisture.

Take proper care to use your vacuum system in the manner in which it was intended. Check your vacuum's manual for proper filtration and cleaning practices when dealing with high-volume dust particulates such as drywall dust. Be sure to use hepa-filters made for your vacuum model.

UNDERSTANDING YOUR ABRASIVE PAD

Your abrasive base is a custom cut industrial super abrasive that can cut through steel. Its compact grain is a pelletized abrasive in 400 grit size. Due of the nature of the pelletized base, be very careful when placing your sander on furniture or delicate surfaces as damage WILL happen.

USE | USAGE

UNDERSTANDING YOUR ABRASIVE PAD

YOUR BASE NEEDS TO BE BROKEN IN. This can be done by sanding any painted surface for about 15-20 minutes. Your abrasive base is broken in when the surface grains begin to show flat and even, plateau surface. You can use your sander prior to breaking it in, however please expect a more aggressive sanding behavior. We recommend breaking the abrasive base in prior to using the sander on soft spackle or on unpainted gypsum paper (bare drywall).

Your abrasive base is self-sharpening does not require a repetitious sanding motion as over-sanding may happen; plan on using fewer passes when sanding. Your abrasive base has a standard life expectancy of approximately 2 - 4 years with regular use and will need to be replaced when the center of the pad starts to collect pockets of dust and shows a low "tire tread".

Your sander comes with an abrasive pad in a 400 grit size, perfect for painted surfaces and wall repair and/or drywall work. Other grit sizes are available for different applications.

USE | USAGE

MISUSE | LIABILITY

Though the sander can be used on many different surfaces, we can only recommend using your sander for general paint prep and wall repair activities until each application is formally developed and tested in our labs. Using the sander for different applications will be at the user's own risk.

BAR Co. Production Company will not be liable for any misuse of the sander in any application that has not been approved by our development team or as expressly defined herein.

QUESTIONS?

Contact our office if you have questions about the sander, abrasive pad, the base unit and how it works, or if you would like to receive more information about the different applications and grit sizes available. If you should have any trouble with using your sander, contact our office as soon as possible.

Check back to our website often for new posts and tips on how to use the sander, different projects, and popular home remodeling and repair topics.

Contact us if you have any specific challenges that may require a different grit or abrasive type. Visit our online store for different accessories and optional grit sizes for other applications.

MAINTENANCE

CLEANING

Your sander should not require cleaning if using regular drywall compound with normal to low humidity levels. If you should notice drywall dust clumping due to moisture, tap the sander on its edge lightly to dislodge any particles. Doing this while the vacuum is running will allow the vacuum to take in any dislodged particles or clumps.

To clean the sander, dust lightly with a clean paint brush or dust brush while the vacuum is running.

Check your abrasive pad after every use; check for any dust or paint particles that have not been sucked in by the vacuum. If cleaning is needed, carefully dislodge any larger paint particles with the use of an AWL or pointed tool.

Check your sander for any foreign objects / particles and keep the chamber and handle clean of any foreign objects / particles.

To clean your hose thoroughly, disconnect from the sander and vacuum units and rinse your hose out with a garden hose / tap water. Be sure to dry completely prior to storage or prior to use.

Cleaning your vacuum should be done in a manner acceptable by the manufacturers' instructions. It is highly recommended to disconnect and clean your vacuum outside or in a highly ventilated room. Be sure to take every precaution to minimize dust exposure or having dust put into the air.

Be sure to protect always protect your eyes, skin and mouth from dust exposure; take extra precaution not to breathe in dust particulates while cleaning and/or maintaining your equipment.

MAINTENANCE

STORAGE

Store your sander and hose in dry space within normal temperature ranges. Suggested optimum storage conditions of under 75 degrees Fahrenheit, having less than 50% relative humidity. You can store your sander with its hose or disconnect the hose from the sander as you wish.

Always be sure to clean your vacuum prior to storage; before and after using with your sander. Take proper care to use the approved filters and bags that it recommended by your vacuum's manufacturer.

MAINTENANCE

Replacement of abrasive base should be done when the abrasive particles wear down to a low "tread", similar to a how a low tire tread would look. If your tread is low and you start seeing dust particulate buildup in the center of the abrasive pad after sanding/use, this is a sign that the pad should be replaced soon. A normal lifespan of the abrasive pad with normal sanding use is approximately 2 – 4 years.

Be sure to maintain all your equipment in accordance with its manufacturers' instructions.

Please contact our office if you should notice any problems using the sander in conjunction with your vacuum system. If you should have any questions about maintaining your sander or hose system, feel free to contact us either by phone or email using the contact information provided herein.

DO'S | DON'TS

- **DO** keep your sander and hose clean and clear of foreign objects/debris; lightly dust/rinse your system as needed
- **DON'T** disconnect your hose indoors; any residual dust within the hose wall can produce a dust cloud
- **DO** check your abrasive pad after each use
- **DON'T** disconnect your vacuum inside; avoid dust clouds in your home while disassembling your equipment for cleaning and/or changing your filters, or removing waste
- **DO** protect your skin, eyes and mouth from dust particulates that may become airborne when cleaning your vacuum filter and/or bag/waste removal.
- **DON'T** use the wrong size filters on your vacuum
- **DO** send old parts back to the company for recycling

PRECAUTIONS

THE SANDER

Always be sure to use your sander in the manner in which is listed herein your user guide.

Your sander is 100% dust-free, however please take necessary precautions to not drop, disconnect or dislodge your sander to avoid dust clouds being forced into the air.

Always be aware of what you are sanding.

Even though our BAR Co's Vac Sander is 100% safe for use in removing lead paint and moldy surfaces, please always take the necessary precautions when dealing with these conditions prior to sanding.

For **LEAD PAINT**, please refer to the EPA guidelines on your safety and removal of lead paint by visiting their website: <http://www2.epa.gov/lead>

For **MOLD** and possible moldy conditions that may be sanded, please refer to the EPA guidelines for your safety on mold removal and cleanup methods by visiting their website: <http://www.epa.gov/mold/cleanupguidelines.html>

You may have to clean your wall prior to sanding it. Be sure to use the appropriate cleaners to clean your wall; such as to kill mold, remove grease or other foreign surface spots and/or stains. After cleaning your wall, wait until the area is dry before sanding.

Be sure to check and clean your abrasive pad after use in these situations.

PRECAUTIONS

THE SANDER (CONT.)

Be sure to reduce your dust exposure at all stages of your sanding project activities. Take extra care when disassembling your equipment, hoses and vacuum filters. Always protect your skin, eyes and mouth when working with or around dust and debris/waste.

Do not try to sanding surfaces other than painted walls or drywall and/or spackled areas. The sander is not designed for use with wallpaper or wallpaper glue. Do not attempt to use on wallpaper or wallpaper glue. Remove both wallpaper and wallpaper glue prior to sanding your wall's surface.

Always read your paint can instructions and/or precautions prior to starting your painting project. Be aware of restrictions and special instructions that need to be considered and applied prior to beginning your project. If you should have any questions when working with paint or other materials, contact our office for assistance or further instruction.

PRECAUTIONS

THE ABRASIVE

When using your sander's abrasive pad, be sure to protect your skin and avoid contact with the abrasive pad; abrasion of the skin is possible. Do not use the abrasive base on any other surface that what is instructed herein and intended for. Avoid contact with your eyes.

Your abrasive base pad is a grit size of 400. This is predetermined to be the best grit size for use in painted walls and working with drywall and/or spackle. Other grit sizes are available for use in other applications. Please contact our offices if you should have any questions about the grit size and its use.

Do not use your abrasive pad on wet paint, wet spackle or wet walls. If moisture is present, clumping may occur. Check and clean your abrasive pad as needed in this situation.

Please be aware that your abrasive base pad will not kill mold. The sander and its abrasive pad will remove all surface layers of the mold and any mold spores, however any mold or mold spores will be suctioned into your vacuum. Necessary caution should be taken when cleaning and dispensing of your vacuum's waste. Be sure to protect your skin, eyes and mouth when possibly working with or near this type of debris.

PRECAUTIONS

YOUR VACUUM

Always follow your vacuum's user guide/instructions for proper use and maintenance.

Be sure to properly clean your vacuum as instructed by the vacuum's manufacturer. Always use and replace your vacuum's filter with the proper hepa filter designed and approved for your machine.

There is a slim possibility of a static charge when vacuuming dust particulates in high volumes. Because of this, we have supplied you with static conductive parts that prevent shock from occurring. If however, you should notice any static shock happening when using the sander, please contact our office immediately so that we can supply you with an alternative solution.

LIMITS OF USE

Your sander is limited to use on painted walls and drywall surfaces, and is tailored for use of painted walls and drywall surfaces. Only use your sander as it is intended and described herein.

For questions regarding the sanding of steel, wood or plaster surfaces, please contact our office for the appropriate abrasive grit size and application.

Use of other products in conjunction with the sander should be used in accordance with their respective manufactures' guidelines and instructions.

PRECAUTIONS

LIMITS OF USE (CONT.)

Do not attempt to use the sander, the abrasive base or any other part of the sander for personal care and/or hygiene.

HEALTH | SAFETY

Always reduce your exposure to dust and/or sanding debris/waste by protecting your skin, eyes and mouth at every stage of your sanding project.

Always be aware of what you are sanding. If you are unsure if your walls surface has been contaminated with mold or if you think you might have lead paint, be sure to refer to the EPA guidelines for proper cleaning, removal and your health.

Avoid inhaling dust particles and prolonged exposure to dust particulates. Whenever working with dust and/or dust exposure, be sure to protect your skin, eyes and mouth.

QUESTIONS | CONCERNS

If you should have any questions on how to properly use the sander and/or any of its parts, or if you should have any concerns with anything you've read or encountered, please contact our support team to assist you.

WARRANTY

ONE (1) YEAR General Manufacturer's Warranty

The BAR Co's Vac Sander and all its parts are warranted to be free of defects in workmanship and material.

This warranty lasts for one (1) year after purchase. Coverage ends when the product becomes unusable for reasons other than defects in workmanship or material.

To obtain warranty coverage of your BAR Co's Vac Sander product, send the complete product and all its parts to the BAR Co. Production Company, Coatesville, PA.

Warranted products will be repaired or replaced upon review by BAR Co. Production Company, and will be returned at no charge. If after three attempts to repair or replace (during the warranty period) the product is still defective, you can elect to receive a full refund of your purchase price.

Failures due to misuse, abuse or normal wear and tear are not covered by this warranty. BAR Co. Production Company shall not be responsible for any incidental or consequential damages.

Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights, and you may also have other rights, which may vary by state to state, province to province, or country to country.

This warranty is the sole and exclusive warranty for BAR Co. Production Company products. No employee, agent, dealer, or other person is authorized to alter this warranty or make any other warranty on behalf of BAR Co. Production Company.

CONTACT INFORMATION



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