Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's Date Code in the back of the manual (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference. 25d

2052-BDS

Bauer™

CYCLONE DUST SEPARATOR KIT FOR 5 GALLON BUCKET



Visit our website at: https://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

57194

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-800-444-3353 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools.
Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein.
Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.

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WARNING SYMBOLS AND DEFINITIONS	
⚠	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠ DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
⚠ WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
⚠ CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

Instructions Pertaining to a Risk of Fire, Electric Shock, or Injury to Persons

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING APPLIANCE

⚠ WARNING

To reduce the risk of fire, electric shock, or injury:

1. **SANDING DUST FROM SURFACE COATINGS CAN SELF-IGNITE**. To prevent serious injury and death from fire, empty Bucket frequently (at least every 30 minutes) during use and immediately after use. Put dust in a metal can with an airtight lid, and remove dust from premises daily. Keep a fully charged class ABC fire extinguisher in the vicinity of the work area.
2. Do not use for collecting metal grinding/ sanding as sparks may ignite material inside of bucket or vacuum. Do not use to vacuum flammable liquids, gases, or explosive dusts, like gasoline or other fuels, lighter fluid, varnish, polyurethane coatings, cleaners, oil-based paints, natural gas, hydrogen, coal dust, magnesium dust, grain dust, or gun powder.
3. This product not designed to handle flammable dust.
4. Do not introduce sparks or sources of ignition into the product.
5. Do not use for vacuuming hazardous or toxic materials. (chlorine bleach, ammonia, drain cleaner, asbestos, etc.)
6. Can be used for collecting non-flammable liquids. Dispose of waste in a FIRE SAFE AREA.
7. Clean all parts of this tool before collecting non-flammable liquids. Do not use on dry materials until completely dry. Do not mix wet and dry materials so the mixture does not harden inside the collector or develop mold or mildew.
8. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
9. Do not expose to rain. Store indoors.
10. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
11. Use only as described in the manual. Use only manufacturer's recommended attachments.

12. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.

13. Do not pull or carry appliance by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.

14. Do not unplug appliance by pulling on cord. To unplug, grasp the plug, not the cord.

15. Do not handle plug or appliance with wet hands.

16. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.

17. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.

18. Turn off all controls before unplugging.

19. Use extra care when cleaning on stairs.

20. Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.

21. Connect appliance to a properly grounded outlet only.

22. **Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.**

23. Carefully inspect the condition of the Dust Separator parts before use. Check for damaged parts. Do not use and replace any damaged part.

24. Use only identical replacement parts. Use of any other part will void warranty.

25. Use the right part for the job. Do not modify the Dust Separator or use its parts for a purpose for which they were not intended.

26. Stay alert, watch what you are doing and use common sense when operating an appliance. Do not use an appliance while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating appliances may result in serious personal injury.

27. Maintain labels and nameplates on the appliance. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

28. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.

29. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

SAVE THESE INSTRUCTIONS

Specifications

Hose Size	Compatible with 1-1/4″, 1-7/8″, 2-1/2″ hoses

Setup - Before Use:

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

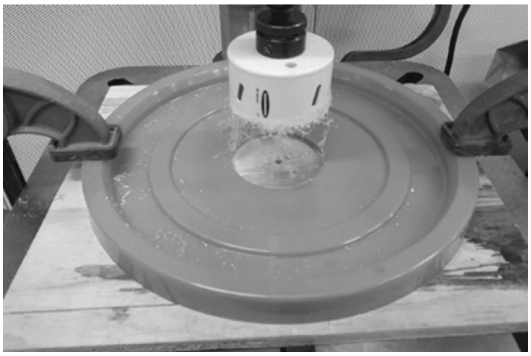
⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the Power Switch of the appliance off and unplug the appliance from its electrical outlet before performing any procedure in this section.

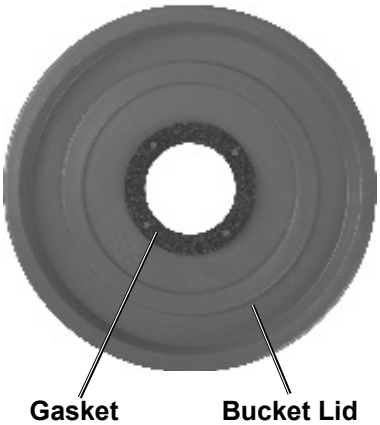
Note: For additional information regarding the parts listed in the following pages, refer to the Parts List near the end of this manual.

Assembly

1. Determine if included Bucket Lid will fit 5-gallon bucket (sold separately). If included Lid fits, proceed to step 2. If not, modify lid that came with 5-gallon bucket as follows:
   a. Secure lid with clamps (sold separately), then drill a hole in center of lid with 3″ hole saw (sold separately).



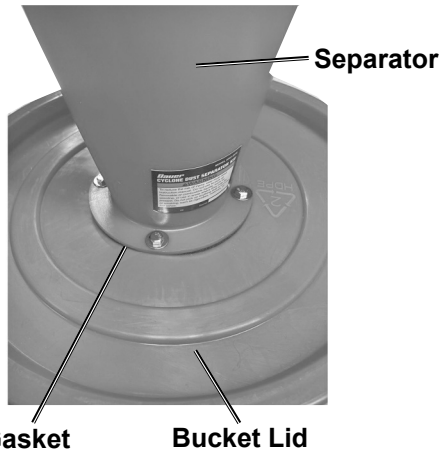
   b. Use the Gasket to mark the four bolt hole locations.



   c. Use a 7/32″ drill bit (sold separately) to drill holes.



2. Place Gasket between Separator Base and Bucket Lid, lining up holes.

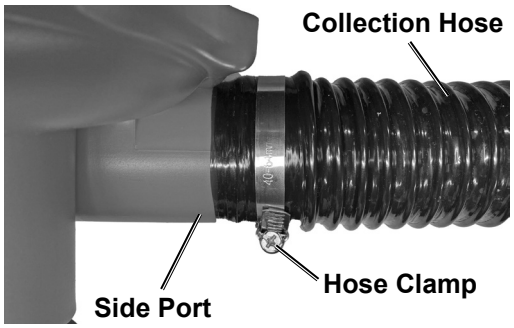


3. Secure Separator to Bucket Lid using four Screws, Washers and Bolts. Tighten securely.
4. Place Bucket Lid onto 5-gallon bucket.
5. Ensure Bucket Lid is completely sealed onto bucket. Any air leaks will affect performance.

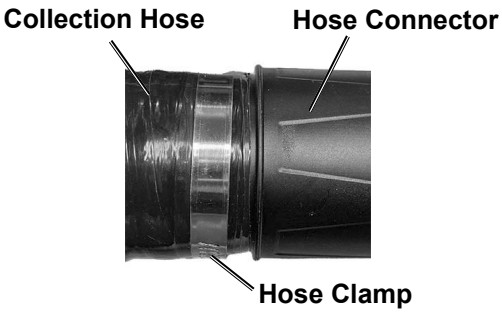
6. Place Hose Clamp over Collection Hose.
7. Place Collection Hose over side port.

Note: Gently heat Collection Hose as needed if it is too tight.

8. Slide Hose Clamp over side port.
9. Tighten Hose Clamp securely.



10. Place Hose Clamp over open end Collection Hose.
11. Place Collection Hose over end of Hose Connector.
12. Slide Hose Clamp over Hose Connector.
13. Tighten Hose Clamp securely.



14. Attach Adaptor to top port, then attach vacuum's hose (vacuum sold separately) to Adaptor.
    - 2-1/2″ hose will fit completely over Adaptor.
    - 1-7/8″ hose will fit halfway over Adaptor.
    - 1-1/4″ hose will fit inside Adaptor.



Operation

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Work Area Setup

1. The work area must not allow access by children or pets to prevent distraction and injury.
2. Route the power cord along a safe route to reach the work area without creating a tripping hazard or exposing the power cord to possible damage. The power cord must reach the work area with enough extra length to allow free movement while working.
3. There must not be hazardous objects, such as utility lines or foreign, sharp or hot objects nearby that will present a hazard while working.

Operating Instructions

CAUTION! TO PREVENT INJURY: After installation, check the condition of accessory parts during use. If any damage is seen, stop immediately and replace part before continuing use.

1. Use Collection Hose or a 2-1/2″ vacuum tool to vacuum.
2. Plug vacuum's power cord into 120VAC outlet or use a battery for DC vacuums.
3. Turn the vacuum on.
4. When finished, turn off and unplug vacuum or remove battery.
5. Disconnect Hoses, remove Bucket Lid and dispose of bucket contents properly.
6. Clean and store Dust Separator according to *User-Maintenance and Storage* on page 6.

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the Power Switch of the appliance off and unplug the appliance from its electrical outlet before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM APPLIANCE FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

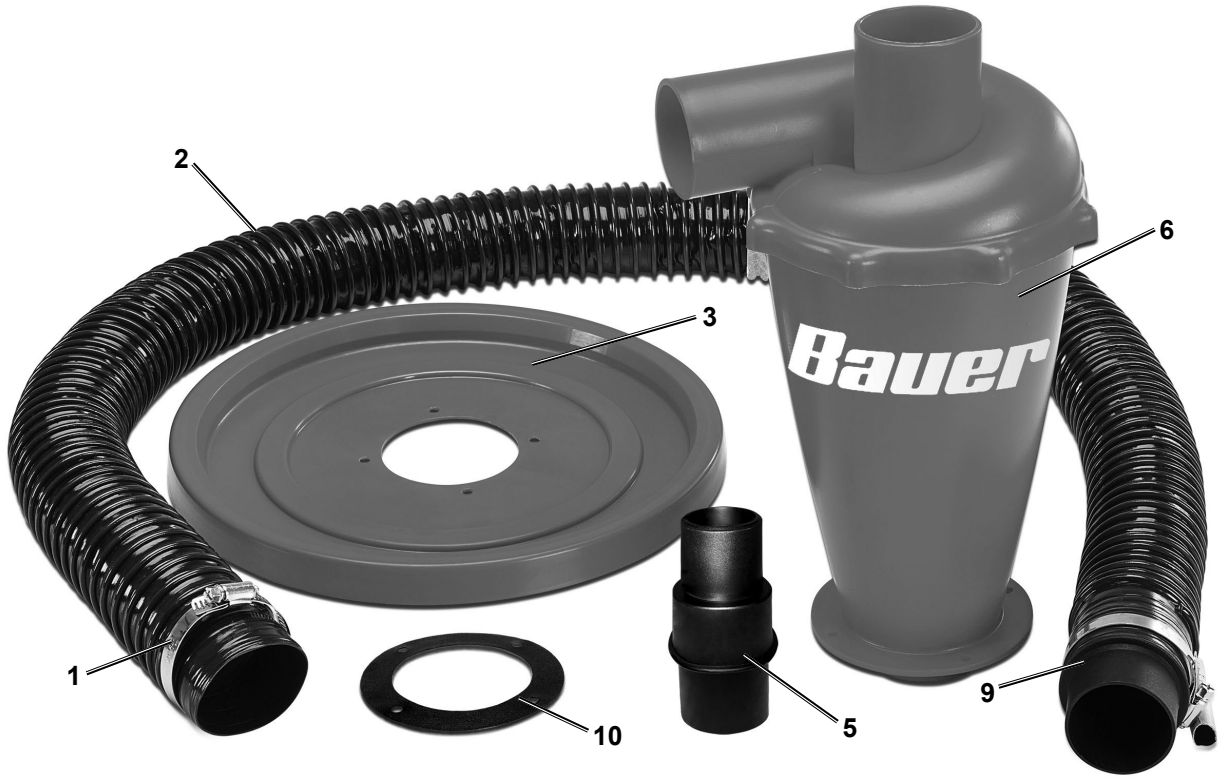
1. **BEFORE EACH USE,** inspect the general condition of the appliance. Check for:
   - loose hardware
   - misalignment or binding of moving parts
   - cracked or broken parts
   - damaged electrical wiring
   - any other condition that may affect its safe operation.
2. **AFTER USE,** wipe external surfaces of the appliance with clean cloth. Store in an indoor dry area out of reach of children.
3. **DAILY:** With a soft brush, cloth, or vacuum, remove debris from the Dust Collector. If necessary, a mild detergent may be used.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Part	Description	Qty
1	Hose Clamp	2
2	Collection Hose	1
3	Bucket Lid	1
4	Washer (not shown)	4
5	Adaptor	1

Part	Description	Qty
6	Separator	1
7	Screw (not shown)	4
8	Nut (not shown)	4
9	Hose Connector	1
10	Gasket	1



Record Product's Date Code Here:_____

Note: If product has no Date Code, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175481924 when ordering parts.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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