

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 near the assembly diagram (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.

26e

ATLASTM

BRUSHLESS

AUGER WITH 6" DUAL FLUTE AUGER BIT

80V

LITHIUM



Visit our website at: <https://www.harborfreight.com>
For product assistance, visit [harborfreight.com/customer-support/contact-us](https://www.harborfreight.com/customer-support/contact-us)

58272

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please visit [harborfreight.com/customer-support/contact-us](https://www.harborfreight.com/customer-support/contact-us) as soon as possible.

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⚠ WARNING

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

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ATLAS

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.
	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
	Addresses practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

General Power Tool Safety Warnings

WARNING

Read all safety warnings, instructions, illustrations and specifications provided with this power tool.
Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

- 1. Work area safety**
 - a. Keep work area clean and well lit.**
Cluttered or dark areas invite accidents.
 - b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
 - c. Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*
- 2. Electrical safety**
 - a. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
 - b. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.**
There is an increased risk of electric shock if your body is earthed or grounded.

- c. **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f. **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** *Use of a GFCI reduces the risk of electric shock.*

3. Personal safety

- a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b. **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.*
- d. **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry or long hair can be caught in moving parts.*
- g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
- h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

- i. Only use safety equipment that has been approved by an appropriate standards agency. Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.
- j. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.
- k. When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.
- l. Do not leave the tool unattended when the Battery Pack is connected. Turn off the tool, and remove the Battery Pack before leaving.
- m. This product is not a toy. Keep it out of reach of children.
- n. 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.
- o. 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.

4. Power tool use and care

- a. **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b. **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e. **Maintain power tools and accessories.** *Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.*

- f. **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*
- h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5. Operating Precautions

- a. **Buried utility lines may be unmarked; contact utility companies before drilling.** Contacting utility lines may cause severe personal injury or death.
- b. **Check for landscape fabric before drilling.** Landscape fabric may get pulled into the Bit and also pull the operator into the Bit. Before drilling, cut a hole in the landscape fabric sufficiently larger than the diameter of the Auger to prevent contact or entanglement with the fabric.
- c. **Keep everyone other than the operator at least 10 feet from the Auger during operation. People using hand tools should not move or remove soil-pile while the Auger is operating.**
- d. To prevent severe personal injury or dismemberment from rotating Bit: Stand on flat, level, solid surface and brace against torque during use. Keep hands and feet away from Bit and hole when motor is running.
- e. Do not lock trigger on. Never disable safety switches or components.
- f. **Maintain a firm grip on the Auger with both hands and be aware of the strong start-up torque of the tool.**
- g. Do not carry between holes with motor running.
- h. Carry by handle only; not by Bit.
- i. **Do not use the Auger if the Bit is dull, bent, or damaged.**
- j. **When shutting off the tool, make sure the Auger has stopped before setting the tool down.**
- k. Keep children away from the Auger, especially while it is operating. Do not allow children to operate Auger.
- l. Do not use to drill holes in ice or other materials other than ground.
- m. Only use a suitable means of transport and lifting devices with sufficient weight bearing capacity when transporting the Auger.
- n. Secure the Auger on transport vehicles to prevent it from rolling, slipping, and tilting.
- o. Industrial applications must follow OSHA requirements.
- p. Do not leave the Auger unattended when it is running. Turn off the Auger (and remove safety keys, if available) before leaving the work area.
- q. Wear ANSI-approved safety glasses, hearing protection, and NIOSH-approved dust mask/respirator under a full face shield along with steel-toed work boots during use.
- r. Use only accessories that are recommended by Harbor Freight Tools for your model. Accessories that may be suitable for one Auger may become hazardous when used on another Auger.
- s. Use this Auger with both hands only. Using Auger with only one hand can easily result in loss of control.
- t. Keep the Auger and surrounding area clean at all times.
- u. Use the Auger, accessories, etc., in accordance with these instructions and in the manner intended for the particular type of Auger, taking into account the working conditions and the work to be performed. Use of the Auger for operations different from those intended could result in a hazardous situation.
- v. Keep hands and feet away from moving parts. Do not reach over or across Auger while operating.
- w. Before use, check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the Auger's operation. **If damaged, have the Auger serviced before using.** Many accidents are caused by poorly maintained Auger.
- x. Use the correct Auger for the application. Do not modify the Auger and do not use the Auger for a purpose for which it is not intended.

6. Battery tool use and care

- a. **Prevent unintentional starting.** *Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the power tool. Carrying the power tool with your finger on the switch or energizing power tool that have the switch on invites accidents.*
- b. **Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tool.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- c. **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*

- d. **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- e. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*
- f. **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** *If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.*
- g. **Do not use a battery pack or power tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.*
- h. **Do not expose a battery pack or power tool to fire or excessive temperature.** *Exposure to fire or temperature above 140°F may cause explosion.*
- i. **Follow all charging instructions and do not charge the battery pack or power tool outside of the temperature range specified in the instructions.** *Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.*
- j. **Have servicing performed by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the product is maintained.*
- k. **Do not modify or attempt to repair the power tool or the battery pack except as indicated in the instructions for use and care.**



The battery Charger gets hot during use. The Charger's heat can build up to unsafe levels and create a fire hazard if it does not receive adequate ventilation, due to an electrical fault, or if it is used in a hot environment. Do not place the Charger on a flammable surface. Do not obstruct any vents on the Charger. **Especially avoid placing the Charger on carpets and rugs; they are not only flammable, but they also obstruct vents under the Charger.** Place the Charger on a stable, solid, nonflammable surface (such as a stable metal workbench or concrete floor) at least 1 foot away from all flammable objects, such as drapes or walls. Keep a fire extinguisher and a smoke detector in the area. Frequently monitor the Charger and Battery Pack while charging.

7. Service

- a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*
- b. **Never service damaged BATTERY packs.** *Service of BATTERY packs should only be performed by the manufacturer or authorized service providers.*
- c. **Maintain labels and nameplates on the tool.** *These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.*

8. Lithium Battery Safety Warnings



LITHIUM BATTERIES STORE A LARGE AMOUNT OF ENERGY AND WILL VENT FIRE OR EXPLODE IF MISTREATED:

- a. **Keep Battery Pack dry.**
- B. **DO NOT DO ANY OF THE FOLLOWING TO THE BATTERY PACK:**
 - Open,
 - Drop,
 - Short-circuit,
 - Puncture,
 - Incinerate, or
 - Expose to temperatures greater than 140°F.
- c. **Charge Battery Pack only according to its Charger's instructions.**
- d. **Inspect Battery Pack before every use; do not use or charge if damaged.**

9. Vibration Safety

This tool vibrates during use.

Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders.

To reduce the risk of vibration-related injury:

- a. Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool.

If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.

- b. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
- c. Use tools with the lowest vibration when there is a choice.
- d. Include vibration-free periods each day of work.
- e. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.
- f. To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.



SAVE THESE INSTRUCTIONS.

⚠ WARNING**TO PREVENT ELECTRIC SHOCK AND DEATH FROM INCORRECT GROUNDING:**

Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the charger. Do not use the charger if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

Extension Cords

Note: Extension cords must not be used with this item's Charger.

Symbology

V	Volts		WARNING marking concerning Risk of Hearing Loss. Wear hearing protection.
=	Direct Current		WARNING marking concerning Risk of Fire. Do not cover Charger ventilation ducts. Charge on fireproof surface only.
A	Amperes		WARNING marking concerning Risk of Electric Shock. Properly connect Charger's power cord to appropriate outlet.
n ₀ xxxx/min.	No Load Revolutions per Minute (RPM)		WARNING marking concerning Risk of Explosion. Do not puncture, short, or open battery packs and do not charge damaged battery packs.
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.		
	Read the manual before set-up and/or use.		

Specifications

Battery Type	Atlas 40V/80V Li-Ion
Charger Type	Atlas 40V/80V Li-Ion
Electrical Rating	80VDC
Rated No Load Speed	n_0 : 210/min
Drive Shaft Diameter	7/8"
Maximum Bit Size	8" x 35"

Setup - Before Use:



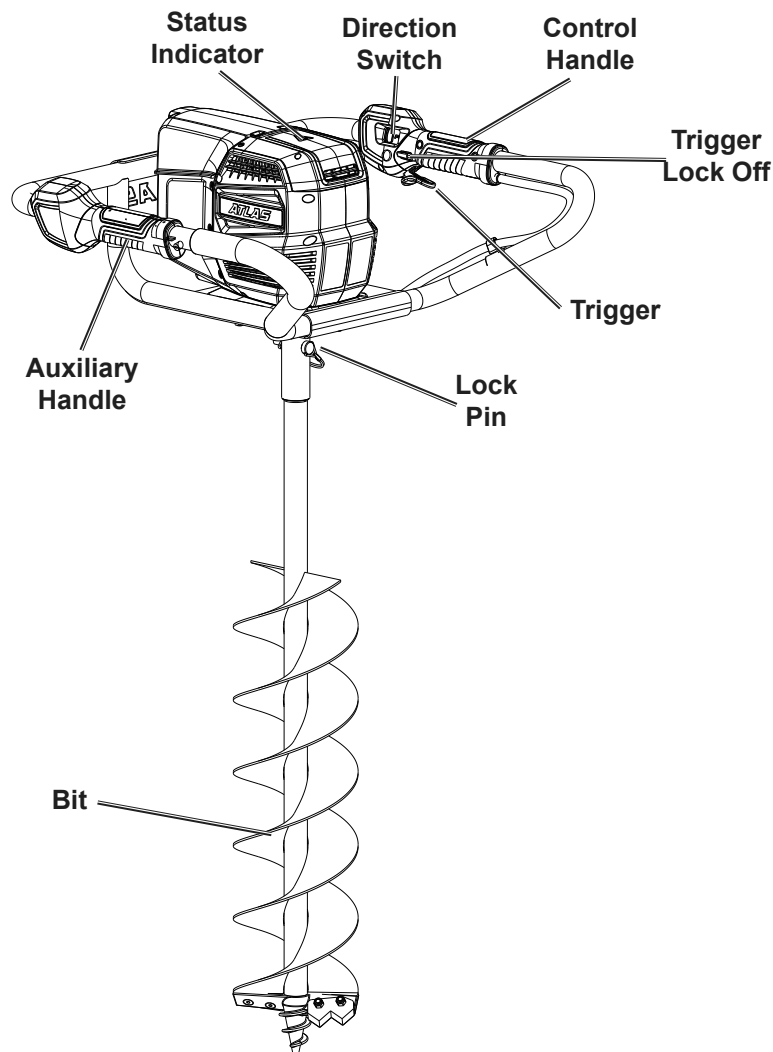
Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Note: For additional information regarding the parts listed in the following pages, refer to *Component List and Diagram* on page 14.

Charging

Charge battery after unpacking and before using this tool. Follow instructions included with battery charger.

Functions



Operating Instructions



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.

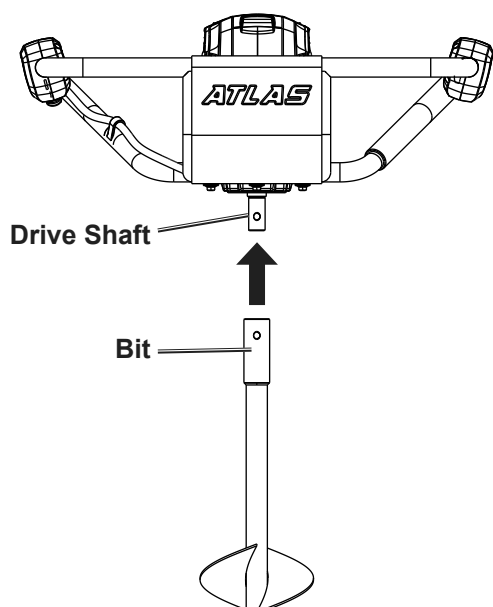
!WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Make sure that the Trigger is in the off-position and remove its Battery Pack before performing any procedure in this section.

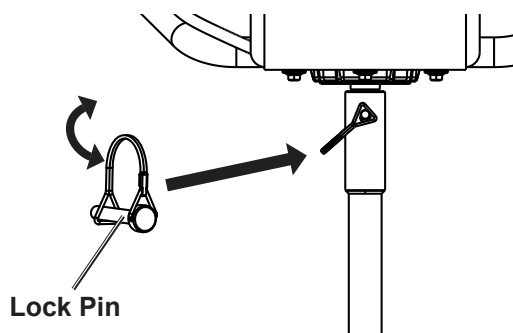
Tool Changing

Installing Bit

1. Slide Bit over Drive Shaft while aligning holes.



2. Open Lock Pin, insert into holes, then close Lock Pin.



ATLAS™

General Instructions For Use

SAFETY

⚠️WARNING

TO PREVENT SERIOUS INJURY: Buried utility lines may be unmarked; contact utility companies before drilling. Contacting utility lines may cause severe personal injury or death.

Make sure that no debris, clothing, or other objects are near the Bit.

Check for landscape fabric before drilling and cut away or remove as needed.

Keep all bystanders at least 10 feet away.

1. Set Direction Switch to FORWARD.
2. Make sure that the Trigger is in the off-position, then open Battery Cover.
3. Insert fully charged battery pack, making sure that it clicks into place securely. Close Battery Cover.
4. Stand with a solid stance on stable ground. Brace yourself and maintain a proper grip with both hands on the Handles whenever the Auger is running.
5. Press and hold Trigger Lock Off, then squeeze Trigger to turn on the Auger. Release Trigger Lock Off. To turn off the Auger, release the Trigger.
6. Allow the Bit to reach full speed before allowing Bit to drill into the soil.

NOTICE: TO PREVENT PROPERTY DAMAGE:
Do not drill at an angle. Keep Bit vertical at all times.

WARNING! TO PREVENT SERIOUS INJURY: Risk of entanglement! Do not carry between holes with motor running. Keep clear of rotating Bit.

7. Allow the Bit to drill for you. Exert only light downward pressure. Do not force the Auger to avoid damage to the Auger and Bit. **Be aware of the strong twisting forces produced by the Auger during operation.**
8. During drilling, periodically pull Auger up to remove loosened earth. If loosened earth is allowed to remain in the drilled hole, the Auger will screw into the earth, become stuck, and twist violently.

9. If Auger stops, release Trigger and check Status Indicator:

If Indicator is BLUE, The Anti-Kickback feature has engaged:

- a. Switch Direction Switch to REVERSE, restart, and lift up until Bit reverses out of hole.
- b. Remove any visible obstructions.
- c. Switch Direction Switch to FORWARD, restart, and lower gently back into hole.

NOTICE: TO PREVENT PROPERTY DAMAGE:
If REVERSE will not remove Bit, dig Bit out. Do not rock Auger to loosen Bit. Bit will bend.

If Indicator is RED, The Overload Stop feature has engaged:

- d. Switch Direction Switch to REVERSE, restart, and lift up until Bit reverses out of hole.
- e. Switch Direction Switch to FORWARD, restart, and lower gently back into hole.

NOTICE: TO PREVENT PROPERTY DAMAGE:
If REVERSE will not remove Bit, dig Bit out. Do not rock Auger to loosen Bit. Bit will bend.

10. Once drilling is completed, release the Trigger and wait until the Bit stops spinning.
11. To prevent accidents, turn off the tool and remove its Battery Pack after use. Clean, then store the tool indoors out of children's reach.

SETUP

OPERATION

MAINTENANCE

ATLAS™

Maintenance and Servicing Instructions



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

!WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Make sure that the Trigger is in the off-position and remove its Battery Pack before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL 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 tool. Check for:
 - leaking, swollen, or cracked battery pack,
 - loose hardware,
 - misalignment or binding of moving parts,
 - cracked or broken parts,
 - a bit that is bent, cracked, damaged, or packed with dirt and debris, and
 - any other condition that may affect its safe operation.
2. **AFTER USE**, wipe external surfaces of the tool with clean cloth. Do not use solvents. Do not immerse in liquid.
3. Remove dirt and debris from the Bit. Wipe a thin coat of light oil on the Bit to prevent corrosion.
4. **OCCASIONALLY**, clean the ventilation openings. Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator and blow out vents with compressed air.
5. **Li-Ion BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.**
Do not short, incinerate or open battery.
6. Disconnect battery pack and store battery pack, charger, and tool in dry, indoor area out of reach of children and away from metal objects (i.e., paperclips, coins) to prevent shorting.

Ambient Temperature Range

Tool/Battery Storage/Use	32°F - 113°F
Charger Use/Battery Charging	39°F - 104°F

Troubleshooting

SAFETY

SETUP

OPERATION

MAINTENANCE

Problem	Possible Causes	Likely Solutions
Tool will not start.	1. Battery Pack not properly connected. 2. Battery Pack not properly charged. 3. Battery Pack stopped working. 4. Internal damage or wear. (Trigger, for example.)	1. Remove Battery Pack, make sure there are no obstructions, reinsert the Battery Pack according to its shape (it should only fit one way), and press firmly until the Battery Pack locks in place. 2. Make sure Charger is connected and operating properly. Give enough time for Battery Pack to recharge properly. 3. Dispose of old Battery Pack properly or recycle. Replace Battery Pack. 4. Have technician service tool.
Tool operates slowly.	1. Forcing tool to work too fast. 2. Battery Pack wearing out.	1. Allow tool to work at its own rate. 2. Dispose of old Battery Pack properly or recycle. Replace Battery Pack.
Tool stops suddenly	1. Auger Bit jammed/Anti-Kickback feature is engaged. 2. Battery Pack charge low. 3. Tool or Battery Pack is overheating. 4. Software error or gyroscope sensor offline.	1. Release Trigger. Lift Auger Bit from hole, restart tool and gently lower back into hole. 2. Recharge or replace Battery Pack. 3. Remove Battery Pack from tool and allow tool and Battery Pack to cool before use. 4. Remove Battery Pack from tool, then plug Battery Pack back in.
Performance decreases over time.	Internal damage or wear. (bearings, for example.)	Have technician service tool.
Excessive noise or rattling.	Internal damage or wear. (bearings, for example.)	Have technician service tool.
Overheating.	1. Forcing tool to work too fast. 2. Blocked motor housing vents.	1. Allow tool to work at its own rate. 2. Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator while blowing dust out of motor using compressed air.
 Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect Battery Pack and Charger power supply before service.		

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE COMPONENT 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.

SAFETY

SETUP

OPERATION

MAINTENANCE

Component List and Diagram

Component List

Part	Description	Qty
1	Switch Bracket	1
2	Bracket	1
3	Control Handle Left Housing	1
4	Control Handle Right Housing	1
5	Direction Switch	1
6	Platen	1
7	Trigger Lock Off	1
8	Trigger	1
9	Positioning Pin	1
10	Switch	1
11	Torsion Spring	1
12	Positioning Pin	1
13	Auxiliary Handle Left Shell	1
14	Auxiliary Handle Right Shell	1
15	Positioning Pin	1
16	Pan Head Self-Tapping Locking Screw	12
17	Wire Hook	1
18	Compression Spring	1
19	Positioning Pin	1
20	Motor	1
21	Gearbox	1
22	Gearbox	1
23	Skeleton Oil Seal	1
24	Deep Groove Ball Bearing	2
25	Spur Gear	1
26	Output Shaft	1
27	Spur Gear	5
28	Spur Gear	1
29	Spacer Shims	1
30	Spur Gear	4

Part	Description	Qty
31	Motor Shims	1
32	Retaining Ring For Shaft-A Type	1
33	Oil Seal Gasket	1
34	Left Housing	1
35	Right Housing	1
36	Upper Cover	1
37	Positioning Pin	1
38	Torsion Spring	1
39	Battery Cover	1
40	PCBA	1
41	Gyroscope Small Board	1
42	Battery Pack Cover	1
43	Connecting Seat	1
44	Platen	1
45	LED Indicator Cover	1
46	Male Plug Component	1
47	Spring Seat	1
48	Compression Spring	2
49	Bearing Seat	1
50	Socket Head Screw	4
51	Small Gasket-Grade A	6
52	Pan Head Self-Tapping Locking Screw	10
53	Pan Head Self-Tapping Locking Screw	12
54	Pan Head Self-Tapping Locking Screw	6
55	Nylon Gasket	6
56	Flange Bolts - Grade B	6
57	Lock Pin	3
58	Bit	1
59	Grease (not shown)	1

Record Product's Date Code Here: _____

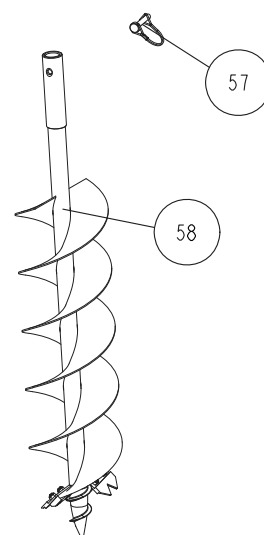
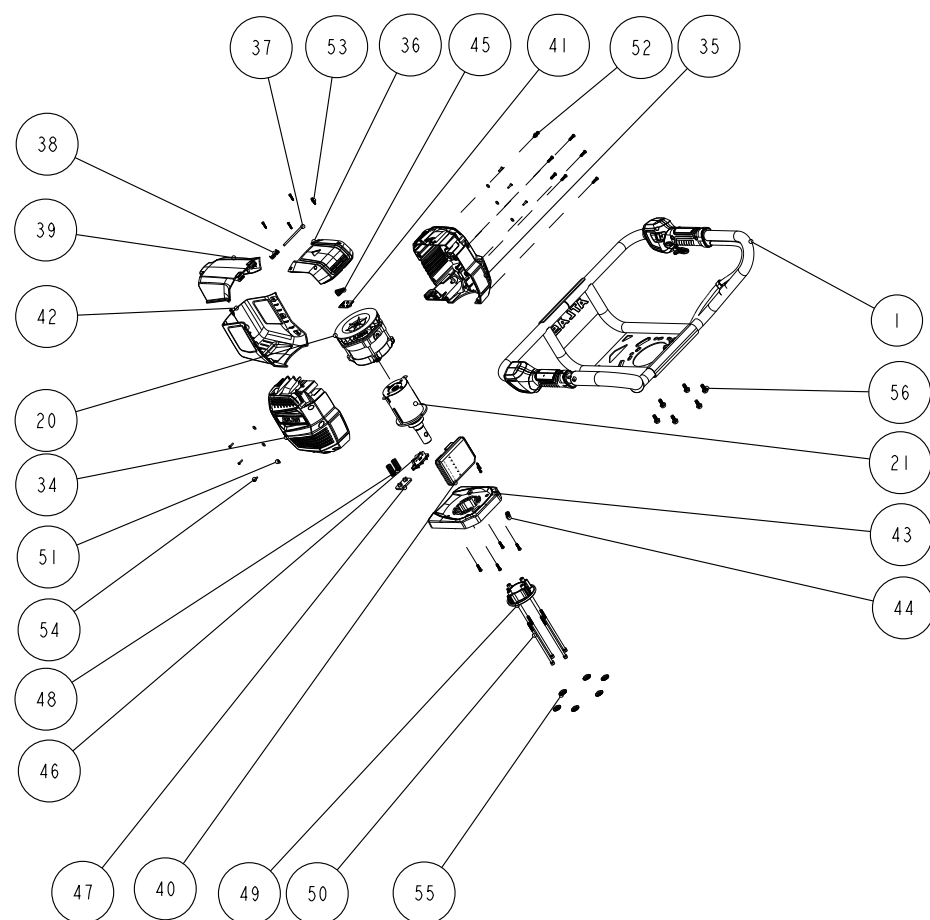
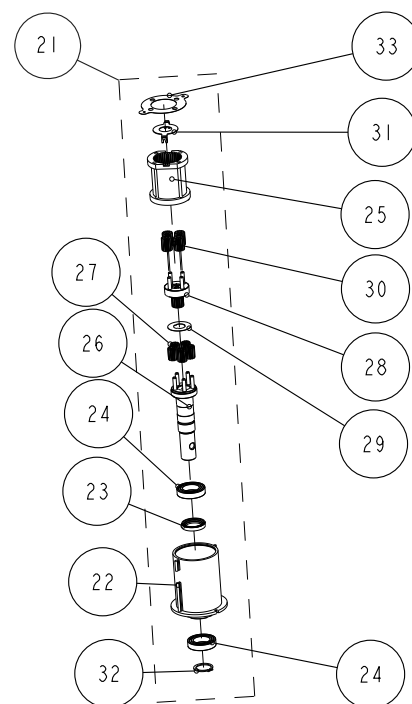
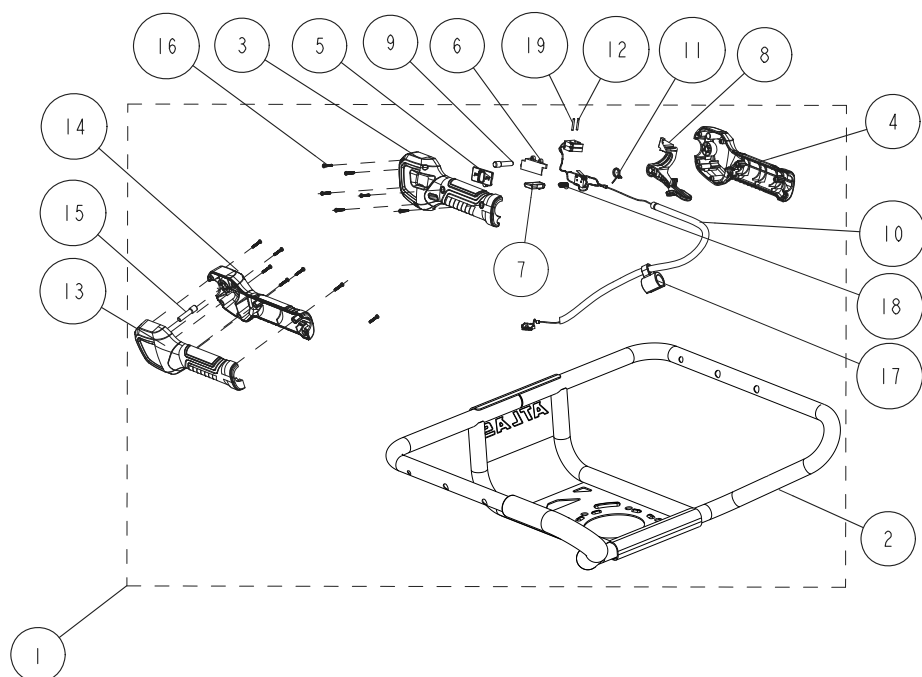
Note: If product has no date code, record month and year of purchase instead.

Note: The component list and assembly diagram are shown for reference only.

To view all currently available replacement parts, please visit harborfreight.com/parts

Specify UPC 193175606419 when ordering parts.

Assembly Diagram



SAFETY

SETUP

OPERATION

MAINTENANCE

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.

The logo for ATLAS, featuring the word "ATLAS" in a bold, italicized, sans-serif font. A small trademark symbol (TM) is located at the bottom right of the letter "S".

For product assistance, visit [harborfreight.com/customer-support/contact-us](https://www.harborfreight.com/customer-support/contact-us)