



DEMOLITION JACK HAMMER WITH 2 CHISELS

ITEM: 61110



OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL: KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATING, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL NEAR THE ASSEMBLY DIAGRAM (OR MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO NUMBER)

FOR QUESTIONS PLEASE CALL OUR CUSTOMER SUPPORT: (909) 628 4900 MON-FRI 9AM TO 3PM PST



GENERAL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

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. Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

- **Read and understand all instructions.** Failure to follow all instructions may result in serious injury or property damage.
- **DO NOT** allow persons to operate or assemble the product until they have read this manual and have developed a thorough understanding of how it works.
- **DO NOT modify this product in any way.** Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- **Use the right tool for the job. DO NOT** attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. This product will be safer and do a better job at the capacity for which it was intended. **DO NOT** use this equipment for a purpose for which it was not intended.
- **Keep children and bystanders away from the work area while operating the tool. DO NOT** allow children to handle the product.
- Always use both handles for maximum control over this hammer. Never attempt to operate this tool with one hand. This tool develops intense percussive forces during operation and you may lose control if attempting one hand operation.
- **DO NOT use the power tool if the Switch does not turn on and off.** Any power tool that cannot be controlled with the Switch is dangerous and must be repaired by a qualified technician.
- **Store idle power tools out of the reach of children** and do not allow persons unfamiliar with the power tool to operate the power tool.
- **Maintain power tools.** 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.
- 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.
- Wear ear protectors. Exposure to loud noise can cause hearing loss. Wear steel-toed boots during use.
- Pull on chisel after installation and before use; chisel may move but **MUST NOT** slide out.
- **DO NOT operate this tool if you have back, neck, wrist injuries or other conditions** that will be aggravated by the forces that this tool exerts upon the operator.
- Avoid unintentional starting. Prepare to begin work before turning on the tool.
- **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.

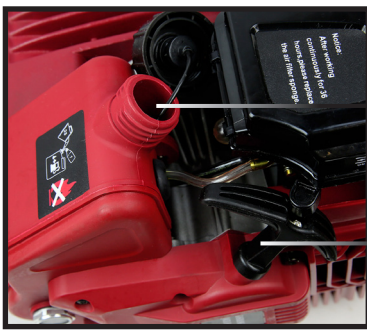
IMPORTANT SAFETY INFORMATION

- When using a hand-held power tool, maintain a firm grip on the tool with both hands to resist starting torque.
- Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury. For example: internal wires may be misplaced or pinched, safety guard return springs may be improperly mounted.
- **DO NOT** use dull or damaged bits and accessories. Dull or damaged bits have a greater tendency to bind in the work-piece.
- When operating this power tool, use the weight of the tool to do most of the work. The force should be reasonable in order to achieve high efficiency and easier operation.
- **DO NOT** use this tool to pry apart stone. This tool should be used for crushing, tamping and compacting work.
- Ensure the handles are free of grease and water.
- Double check all screws are tightened prior to using the machine. If any are found, re-tighten immediately.
- Gasoline is highly flammable. Only refill the tool in open, well ventilated areas. Be sure the engine is off when refuelling the machine.
- **DO NOT** overfill the fuel tank, overflow or spilled fuel can ignite and cause serious injury and/or property damage. If any fuel is spilled, you must clean it immediately and wait for it to volatilize before starting the engine.
- After refuelling, be sure to tighten the fuel cap and continue to check it frequently as it can become loosened due to the vibration of the machine.
- If working in enclosed environments, such as tunnels, trenches and deep grooves, be sure to run an electric fan while running the gasoline powered tool to avoid carbon monoxide dangers.
- **DO NOT** overfill the fuel tank, overflow or spilled fuel can ignite and cause serious injury and/or property damage. If any fuel is spilled, you must clean it immediately and wait for it to volatilize before starting the engine.
- Quick acceleration and fast stopping is not recommended as it may cause damage to the machine.
- Avoid fragmentation impact on the tool by not using the highest speed available. Moderate speeds should be used for this.
- Make sure the fuel tank is completely empty before transporting the power tool.



SAVE THESE WARNINGS

FEATURES AND SPECIFICATION



OIL TANK

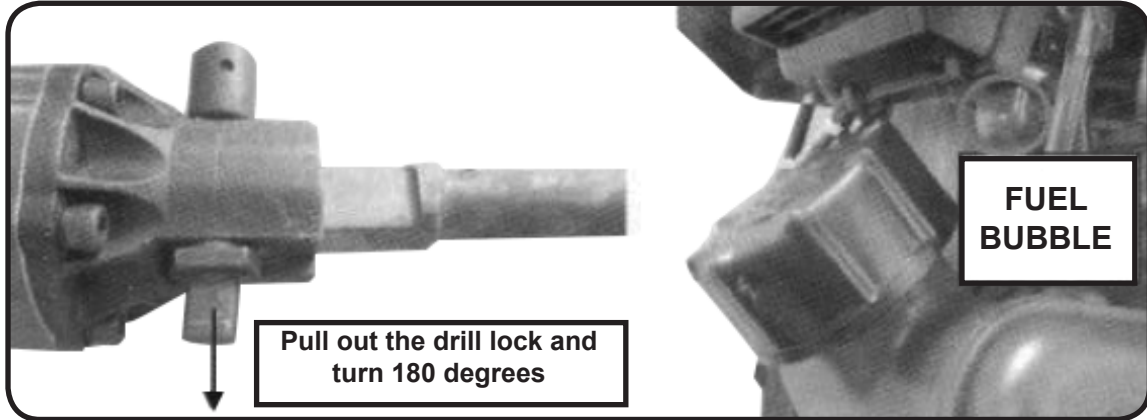
STARTER

ENGINE TYPE	44X34mm, SINGLE CYLINDER, AIR COOLING, 2-STROKE
L x W x H	690x370x270
FUEL	MIXING OIL: GASOLINE 25, 2-STROKE ENGINE OIL 1
FUEL TANK CAPACITY	1.7L
WEIGHT	20.50Kg
DISPLACEMENT	52CC
MAX POWER & SPEED	1.7KW / 6500R / min
MAX TORQUE & SPEED	3.5N.m / 5000r / min
CONSUMPTION RATE	<0.6L/h
IMPACT FREQUENCY	700~1500BPM
CARBURETOR TYPE	H119-6A
SPARK PLUG TYPE	BM6A
STARTER SYSTEM	HAND PULL START

NOTE: Due to continuing program research and development, the specifications herein are subject to change without prior notice.

INSTALLATION AND OPERATION

1. Lubricate the drill by pulling out the drill lock, insert the drill into the drill seat then make sure to lock up the drill.



FUEL: The general gasoline and 2-stroke oil mix recommended mixing ratio:

CONDITIONS	GASOLINE : ENGINE OIL
WORK WITHIN 20 HOURS	20:1
WORK AFTER 20 HOURS	25:1

1. Prohibit the use of pure gasoline (no refuelling 2-stroke engine oil) for fuel.
2. Do not add too much fuel to the fuel tank, nor should you leave fuel in the neck of the tank. Be sure to clean up any spills before starting the tools.
3. After refuelling the tank be sure to put the cap back on and tighten it.

ENGINE OIL: It is recommended to add .68 engine oil.

1. The total capacity of the oil tank is 140ml. We recommend adding the engine oil to 100ml.
2. When the engine oil is less than the red point of the gearbox standard, please add the engine oil.
3. After 15 hours of working the tool, check on the position of the oil, refill if necessary. See fig. A
4. Unlock the gearbox standard with the spanner, then add the engine oil through the hole. Do not let the engine oil overflow the hole of the gearbox. Remember to lock the gear box standard. See fig B & C



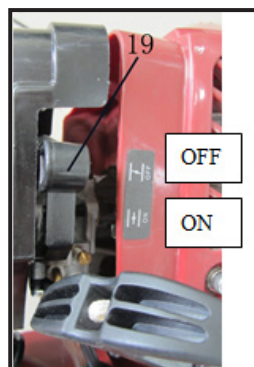
OPERATION AND MAINTENANCE

STARTING THE JACKHAMMER

1. Prior to starting the Jackhammer, repeatedly press the transparent fuel bubble. Fully fill the carburetor with fuel.
2. Close the air vent when the engine is in the state of cooling but open the air vent only when the engine is heated.
3. Hold the operation handle with one of your hands and quickly pull the pulling handle for about 50cm with the other hand. Do not let the handle go back freely in your repeat pulling. Hold the handle and pull it down with it's resistance to protect the starter.
4. Open the air vent completely when the gasoline engine is started.
5. After the engine starts, it should be an at low speed for -3 minutes. When the engine warms up enough, according to the required impact energy to pull the appropriate regulatory position.
6. Be sure to run the tool at a medium speed and prohibit use of the hammer under the non-breaking with high speed operation.

STOPPING THE JACKHAMMER

1. Pull the scale position 0, idle running for 3-5 minutes.
2. Press the red button to STOP.



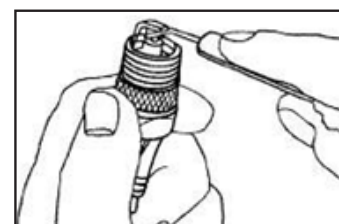
TECHNICAL MAINTENANCE

Air Filter: Check the air filter regularly. Dust blocking the cover of the air filter will reduce engine power and cause a shorter cylinder life. If the filter is very dirty, clean it with a mild detergent and warm water, wring dry.

Fuel Filter: If the fuel filter is clogged, this will slow down the speed of the Jackhammer. Open the tank lid with the metal hook, take the fuel filter cleaning from the tank. When cleaning the fuel filter. Clean the fuel tank at the same time.

Carburetor: Residual oil left in the carburetor can clog the fuel line causing the tool to not work correctly. If the machine is not in use for more than a week, make sure to drain the fuel. To do this, depress the carburetor fuel bubble until all the fuel has drained out.

Spark Plug: To ensure normal operation of the engine, spark plug gap to be moderate, with a wire brush to remove sediment. A reasonable spark plug gap is 0.5-0.7mm



Muffler: Regularly remove dust to ensure the cylinder is staying cool. If the cylinder accumulates too much dust, the heat sink will directly affect the cooling effect.

MAINTENANCE

The following Data are given common use of the product. Suppose it is in worse working condition, such as thick dust in the air or much longer work hours for Crusher, the maintenance cycle should be shortened correspondingly.		Before woke	After work or every day	After Filling fuel	Every Week	Every Month	Broken Down	If necessary
The whole machine	outlook check (state, stabilities of screws)	√		√				
	Cleaning		√					
Control handle/stop button	function check	√		√				
Air Filter	Clean				√			√
	Replace						√	
Fuel Filter	Check					√		
	Replace						√	
Petrol Tank/Petrol Tank cover	Clean		√	√				
	Check	√		√				
	Tighten							√
Gear Box/Hammer Box	Clean					√		
	Add fuel							√
Lubricating fuel Tank	Check	√						
	Clean					√		
	Fill fuel							√
Chisel	Check Sharpness	√						
	Sharpen or Forge							√
	Replace						√	
Silencer	Check					√		
	Remove carbon deposit							√
Cylinder Cooling Fin	Check					√		
	Clean							√
lignite Plug	Check/Adjust Customize the distance between electrodes					√		
	Replace							√
Screw and Nut	Check	√		√				
	Tighten							√

DISCLAIMER

ISSUE	POSSIBLE CAUSE	POSSIBLE SOLUTION
Difficulties in starting engine in cooling state	Spark plug is wet	Dry the Igniter plug
	Whether the spark plug produces electric spark	replace the igniter plug
	Too much fuel absorbed	lessen the fuel supply
Difficulties in restarting after a sudden stop	Whether fuel runs out or the Carburetor is blocked	Refill fuel tank or clean the carburetor
	Whether the fuel filter is blocked	clean the fuel filter
	Too much carbon deposit in igniter plug	Remove carbon deposit
Reluctance in speeding and weakness in power	Carbon deposit cover the entrance of the cylinder or silencer	Remove carbon deposit
	Whether the fuel tube and the air vent on the fuel Tank cover is blocked	Clean
	Blockage in air filter	Clean the filter
abnormal sound	Carbon deposit found in combustion chamber	Remove carbon deposit
	Serious abrasion in active components	Replace
The machine is working normally, but the efficiency of cracking is very low	The head of the chisel is attrited badly	replaced or renew

PLEASE READ THE FOLLOWING CAREFULLY

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Record Product's Serial Number Here: _____

Note: If product has no serial number, 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.

Questions, problems, missing parts?



Before returning to your retailer, our exceptional customer service is here to help.

Call Us: 909.628.4900

Email Us: info@starktoolsusa.com

Hours of Operation: 9am - 4pm (Monday - Friday)

PRODUCT MADE IN CHINA