



BOTTLE JACK 20 TON

ITEM: 50011



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

IMPORTANT SAFETY INFORMATION



GENERAL SAFETY WARNINGS

To maintain the Jack and User Safety, the responsibility of the owner is to read and follow these instructions. Follow all installation and operation instructions. Inspect the jack for proper operation and function. Read and follow the safety instructions. Keep Instructions readily available for equipment operators. Make certain all equipment operators are properly trained, understand how to safely and correctly operate the unit, and are properly trained. Allow unit operation only with all parts in place and operating safely. Use only genuine replacement parts. Service and maintain the unit only with authorized or approved replacement parts negligence will make the jack unsafe for use. Carefully inspect the unit on a regular basis and perform all maintenance as required. Store these instructions in the handle of your jack. Keep all decals on the unit clean and visible.

- **Always use Jack Stands! DO NOT USE** wood blocks or any other non-approved load sustaining devices. The manufacturer only permits loads to be sustained by jack stands that meet current ASME standards.
- **DO NOT USE** wood blocks or any other non-approved lift ing device in addition for a means of lifting with the jack and or load being raised. Failure to heed these warnings may cause injury or death.
- **Position the Jack.** Position the jack to only lift on the areas of the vehicle as specified by the vehicle manufacturer.
- **Always Use Support Stands.** After lifting the vehicle always support the load with appropriately rated vehicle supports stands before working on the vehicle.
- **Do Not Overload Jack.** Do not overload this jack beyond its rated capacity. Overloading this jack beyond its rated capacity can cause damage to or failure of the jack.
- **Always Use on Hard Level Surfaces.** This jack is designed only for use on hard level surfaces capable of sustaining the load. Use on unstable or other capable of sustaining the load. Use on unstable or other possible loss of load.
- **Center Load on Jack Saddle.** Center load on jack saddle before lifting vehicle. Off-center loads and loads lifted when the jack is not level can cause loss of load or damage to the jack.
- **Do not raise or lower the vehicle unless tools, materials and people are clear.** Clean up grease and oil spills immediately. When the lift is being lowered, make sure everyone is standing at least six feet away. Be sure there are no tools or equipment, left under the jack before lowering.
- **Always lower the jack slowly. DO NOT USE THE JACK TO SUPPORT OR STABILIZE A LOAD.** Using the jack to support or stabilize a load may result in unexpected movement and result in serious injury, being crushed and death. Always securely chock and block (stabilize) the load to be lifted. Never place any part of the body under a raised load without properly chocking and supporting the load.
- **Never use the jack on curved or tubular vehicle bumpers.** This will result in the vehicle slipping off the jack and falling, causing serious injury or death. Use a Bumper Lift to lift most vehicles with curved bumpers or plastic bumpers.
- Wear ANSI-approved safety glasses and heavy duty work gloves during use.
- **Do not** adjust the safety valve.
- **Do not** move or dolly vehicle while jack is in use.
- **Stay alert.** Use caution and common sense when operating jack. Do not use a jack when tired, incoherent, dizzy, under the use or drugs or alcohol.

IMPORTANT SAFETY INFORMATION

- **Spectators:** Do not allow bystanders around the jack or under the load supported only by the jack. Do not allow anyone in the vehicle while the jack is in use. Keep all spectators away from vehicle when in use.
- **Inspection:** Inspect the jack carefully before each use. Ensure the jack is not damaged, excessively worn, or missing parts. Do not use the jack unless it is properly lubricated. Using a jack that is not in good clean working condition or properly lubricated may cause serious injury.
- **Chock and Block (Stabilize):** Apply parking brake in vehicle before operating jack.
 - A chock is a wedge for steadying an object and holding it motionless, or for preventing the movement of a wheel. Chock the wheel opposite the end being lifted.
 - When you block a load, you secure and support a load that is being lifted. The block(s) or stabilizer(s) should have a weight capacity that is greater than the weight of the load which is being lifted.
- **Do not modify the jack in any way.**

Unauthorized modification may impair the function and/or safety and could affect the life of the equipment. There are specific applications for which the jack was designed.

 - **Always check for damaged or worn out parts before using the jack.** Broken parts will affect the equipment operation. Replace or repair damaged or worn parts immediately.
 - **When jack is not in use, store it in a secure place out of the reach of children.** Inspect it for good working condition prior to storage and before re-use.



SAVE THESE WARNINGS

OPERATION

1. Before operating, estimate the weight of the load. Do not overload the jack beyond its

NOTE: These jacks are suitable only for vertical lifting jobs and can not be used where side or downward force is needed. They should not be placed where acid, alkali or other corrosive gases can ignite.

2. Determine the center of gravity of the object. Choose the most proper position where the jack can sustain the load and make sure it stands steadily. If necessary, put a solid plank under the jack to secure it from falling down.

3. Before operating the jack first insert the notched end of the handle into the release valve and tighten the release valve by turning it clockwise. Insert the operating handle into the socket and the ram is steadily raised by the up and down movement of the handle and then the work is raised and the required height is reached.

4. Lower the ram by turning the release valve counter-clockwise with the notched end of the handle, slacken it slowly when a load is applied.

5. If you are using more than one jack at a time, make sure they are rising at the same speed and that each of them are bearing the same weight.

6. The jack can be used under the temperature of higher than -5°C, and it should be applied with N 15 machine oil, which is demanded by GB443 - 84. When it is -5°C to 35°C, the GB422-64 Special oil, or SYB 1207-56 instrument oil should be used, the jack must be kept with sufficient filtered working oil, otherwise it cannot reach the predetermined height.

7. The oiling hole of jack is installed in its outer casing. When the jack needs oiling, simply lay it sideways with the oiling hole upward and pull out the plug and then fill it with the working oil provided for.

DISCLAIMER

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.



SAVE THESE INSTRUCTIONS.

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Questions, issues or missing parts?

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



Call Us: 909.628.4900

Email Us: info@starktoolsusa.com

Hours of Operation: 9am - 3pm PST Monday - Friday

PRODUCT MADE IN CHINA