USER MANUAL

BARRETO

9hp Hydraulic Rear Tine Tiller

Product Code: OOA900

Serial Number Range:

From:

To:

Year Of Manufacture: 2004
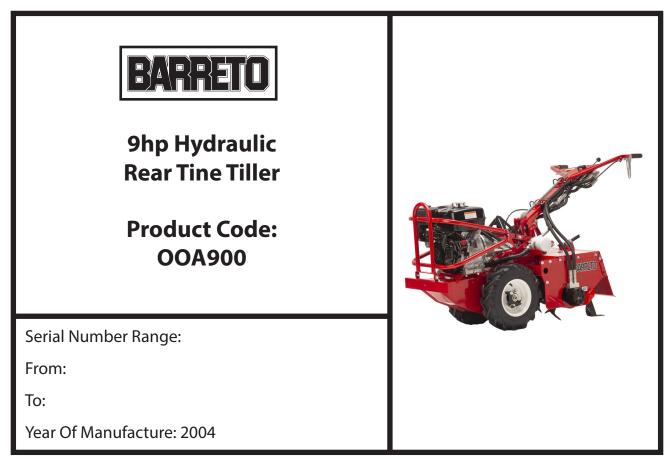
*Please note, when ordering online via our website if the part number is not recognised, please Email spares@hscgroupuk.co.uk or Telephone 0115 946 1988

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Nottingham: 0115 946 1988 • London: 0208 830 3333   Nottingham: sales@hscgroupuk.co.uk • London: sean@hscgroupuk.co.uk   www.hscgroupuk.co.uk

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THE

BARRETO

MODEL 916
HYDRAULIC REAR TINE TILLER

CONGRATULATIONS!

You are now the proud owner of the BARRETO Model 916 tiller. Please take a moment of your time to look over the following information. Familiarize yourself with the tiller, its characteristics, and method of operation. Pay particular attention to the safety and operating instructions.

If you have any questions or need any replacement parts in the future, please contact us at your convenience. Our toll-free phone number, fax and email are listed below.

THANK YOU for your patronage and confidence in BARRETO equipment.

Barreto Manufacturing, Inc.
Innovative Equipment Engineered to Last
66498 Hwy 203, La Grande, OR 97850
(800) 525-7348   (541) 963-7348
FAX (541) 963-6755
E-Mail: info@barretomfg.com
Web Site: http://www.barretomfg.com

ASSEMBLY INSTRUCTIONS

1. Remove tiller from shipping crate.

2. Screw the handle bar adjustment crank into the lower handle bar adjuster pin.

3. Fasten handle bar to tiller using the 1/2" x 3" bolt supplied.

4. Arrange hoses down handle bar tube and fasten to the tube with tie wraps provided.

5. Adjust clutch cable by removing all slack in lever.

6. Check reservoir according to instructions in service information on the following page.

7. Fill engine with fuel and oil according to the engine manual.

8. Free wheel hubs: Pull one free wheeling pin slightly, using the split ring. Rotate the pin until the 1/8" diameter roll pin aligns with the slot in the mounting plate. Allow the pin to slide through the slot. Repeat for the other wheel. Roll the tiller until each pin drops into a hole in the hub. The hubs are now locked.

9. Uncoil the wire for the remote engine on/off switch. Route the wire along the clutch cable to the engine and secure with the cable ties provided. Splice this wire to the kill switch wire on the engine with the electrical splice provided.

SERVICE INFORMATION

1. Check reservoir level using sight glass on the left side of the tank. If required, add to reservoir with tractor transmission hydraulic oil (Shell DONAX TD FLUID or comparable). Recheck oil level after the tiller has been run and oil has been circulated through the wheel and tine motors. Routinely check level thereafter. DO NOT OVERFILL THE TANK.

2. Change the hydraulic oil filter after the first 50 hours of use. Change it after every 200 hours thereafter.

3. Add 1 quart of hydraulic oil to the reservoir with each oil filter change.

4. Check the tine bolts after each use and tighten as needed. Check all hydraulic fittings for leaks and tighten if necessary.

5. Tines should be changed as often as needed for the machine to do a satisfactory and efficient tilling job. Use Loctite stud and bearing adhesive/sealant on tine bolt threads to prevent loosening.

6. The grease zerk on both ends of the tine shaft flange bearing should be greased after every 4 to 8 hours of use.

7. Grease zerks on the wheel hubs should be greased once a week or so, depending upon freewheel use.

IMPORTANT: The engine is normally serviced prior to shipping. However, shipping regulations may prohibit this. Check levels and add oil and fuel as required before starting. Service according to the engine manual before starting.

WARNING: Running the tiller without hydraulic oil will cause serious damage to the hydraulic pump. CHECK RESERVOIR LEVEL BEFORE STARTING THE MACHINE.

BREAK IN PROCEDURE

KEEP ALL PERSONNEL CLEAR OF MACHINE DURING BREAK IN TO PREVENT INJURY!!

Before using tiller, lower the depth bar to raise the tines off the ground. Tape clutch handle in closed position and let the machine run for 30 minutes at half throttle with tines in motion.

OPERATING INSTRUCTIONS

1. **READ SAFETY INSTRUCTIONS BEFORE OPERATING!**

2. Be sure engine oil and hydraulic oil are at proper levels before starting tiller.

3. **STUDY AND UNDERSTAND CONTROLS BEFORE BEGINNING OPERATION.**

4. **NEVER RUN MACHINE IN REVERSE WHILE TINES ARE ROTATING.**
5. Always move the tine control lever to "OFF" before reversing wheels.

6. Tine control lever should be set at "OFF" when moving tiller from place to place while not tilling.

7. CLUTCH (ACTUATOR) LEVER: (At left handle grip) Activates Wheel Drive and Tine Rotation controls when squeezed. Stops all motion when released.

8. WHEEL DRIVE LEVER: The wheel speed is variable both in forward and reverse. Moving WHEEL DRIVE lever to the right causes the tiller to go forward; moving to the left to back up. The farther the control lever is moved away from center, the faster the tiller will travel. When the lever is centered, the wheels are locked in a neutral or park position.

9. TINE DRIVE LEVER: The tines operate at a constant speed. The TINE DRIVE lever must be moved all the way over to either the forward "ON" position or "REV" position when tilling. If an object becomes lodged in the tines, put the WHEEL DRIVE lever in neutral and change direction of the tines to dislodge it.

10. OPERATE TILLER ON LEVEL GROUND ONLY!

11. TILLING OPERATION: In most soil and sod conditions, the depth bar can be set with the pin in the third hole from the top.

    When starting to till, move the TINE DRIVE lever to the ON (forward) or REV position. Tines will dig in either the forward or reverse rotating direction.

    Squeeze the CLUTCH LEVER completely to engage tines.

    Move the WHEEL DRIVE lever to the right until desired wheel speed is reached.

    Under most conditions, at least two passes must be made. For deeper tillage, move the depth bar up one hole at a time.

SAFETY INSTRUCTIONS

1. READ SAFETY AND OPERATING INSTRUCTIONS BEFORE OPERATING!

2. DO NOT LEAVE TILLER UNATTENDED WITH ENGINE RUNNING.

3. Always park on level surface, never on an incline.

4. USE EXTREME CAUTION IF TRANSPORTING TILLER DOWN ANY INCLINE, **ESPECIALLY IF USING RAMPS OFF A PICK-UP TRUCK**.

5. The SAFETY CLUTCH (ACTUATOR) lever on the left handle bar is for operator protection. DO NOT TAPE DOWN OR OTHERWISE BY-PASS THIS CLUTCH.

6. Objects may become airborne while operating tiller. Wear safety goggles, hard hat, protective footwear and hearing protection while operating or observing!

7. Rotating tines can cause serious injury. KEEP HANDS AND FEET CLEAR!

8. KEEP TINE COVER CLOSED and MACHINE LEVEL while tines are operating.

9. Buried cables or gas lines can cause serous injury or death. Contact local agencies for location.

10. Fuel exhaust and fuel fumes can cause illness or death. Operate outdoors and avoid breathing exhaust and fumes.

11. Fuel-fumes can catch fire or explode. Do not smoke or operate near flames or sparks.

12. Hydraulic oil is under extreme pressure and can get under skin and burn or poison. Check for leaks with cardboard.

13. Muffler and engine get hot enough to cause serious burns. Do not touch until cool.

Recycling

ENVIRONMENTAL PROTECTION: Please recycle any unwanted materials as opposed to disposing them as general waste. It is recommended the original is retained and used to store the product when not in use for prolonged periods of time. If this is not applicable ensure the materials are sorted and recycled in accordance with local regulations.

SPECIFICATION CHANGE: It is our policy to continually improve products to ensure these meet the rigours of the industry we serve. Therefore, as such we reserve the right to alter specifications, data, components & parts with-out prior notice.

WARRANTY: Please refer to the manufactures terms & conditions.

IMPORTANT: No liability will be accepted for the incorrect use of this product.

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