

1050 SERIES DRAWN FIELD CULTIVATOR (SERIAL NO. 1601-)



OPERATORS MANUAL 1050 SERIES DRAWN FIELD CULTIVATOR (SERIAL NO. 1601-)

OMN200023 A5 English

**JOHN DEERE DES MOINES WORKS
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ENGLISH





Introduction

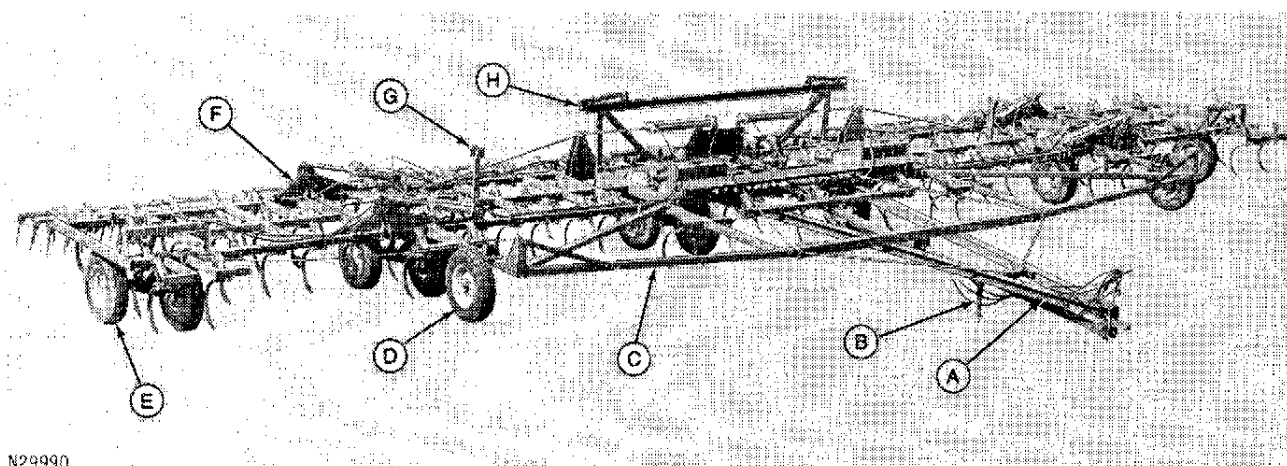
! This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of bodily injury and carefully read the message that follows.

This publication contains both the U.S. customary units of measurement and the SI Metric equivalents.

"Right-hand" and "left-hand" sides of the cultivator are determined by facing in the direction the cultivator will travel when in use.

The warranty appears on your copy of the purchase order which you should have received from your dealer.

Record your model and serial number in the space provided on page 54.



N29990

A—Hitch
B—Jack
C—"A" Frame

D—Stabilizer Wheel
E—Tandem Wheels
F—Outrigger Hinges

G—Outrigger Stop
H—Main Frame Out-
Rigger Support

John Deere 1050 Field Cultivator in Operating Position

1050 SERIES DRAWN FIELD CULTIVATOR

PREDELIVERY CHECK LIST

After the cultivator has been completely assembled, inspect it before delivering to the customer. The following check list is a reminder of points to inspect. Check off each item as it is found satisfactory or after proper adjustment is made.

- ☐ SMV emblem and reflectors installed.
- ☐ Tires are properly inflated and wheel bolts torqued, page 6.
- ☐ Make sure the correct number of shanks are installed.
- ☐ Make sure all the customer-ordered attachments have been installed.
- ☐ Any parts scratched in shipment have been touched up with paint.
- ☐ This cultivator has been thoroughly checked and to the best of my knowledge, is ready for delivery to the customer.

Signature

Date

DELIVERY CHECK LIST

At the time the cultivator is delivered, the following check list is a reminder of information which should be conveyed directly to the customer. Check off each item as it is fully explained to customer.

- ☐ Advise the customer of the importance of using the proper ground working tools.
- ☐ Explain to the customer that the life expectancy of this or any other machine depends on regular lubrication as directed in the operator's manual.
- ☐ Give the operator's manual to the customer and explain all operating adjustments.
- ☐ Advise the customer of all the safety precautions that must be exercised while using this cultivator.

- ☐ When the cultivator is transported on a road or highway at night or during the day, accessory lights and devices should be used for adequate warning to operators of other vehicles. In this regard, tell customer to check local governmental regulations.
- ☐ To the best of my knowledge, this machine has been delivered ready for field use and the customer has been fully informed as to proper care and operation.

Signature

Date

AFTER-SALE CHECK LIST

The following is a suggested list of items to be checked at a dealer-customer mutually agreeable time during the first operating season.

- ☐ Check with the customer as to the performance of the cultivator. Make certain the proper operating adjustments are understood.
- ☐ If possible, operate the cultivator to see that it is functioning properly.
- ☐ Acquaint the customer with any special attachment which will help do a better job.
- ☐ Go over entire cultivator for loose or missing bolts.
- ☐ Check for broken or damaged parts.
- ☐ Ask the customer if the recommended periodic lubrication has been performed.
- ☐ Review the operator's manual with the customer and stress the importance of proper lubrication and safety precautions.

OWNER REGISTER

Name _____

Post Office _____

County _____ State _____

Size and Serial Number _____

Date Sold _____



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Safety Suggestions

Operate Safely



N35538

DO NOT operate field cultivator without reading this operator's manual.

DO NOT allow anyone to ride on the field cultivator when it is in motion. Observe operation only from tractor platform.

Always shut off tractor engine and shift to "park" when leaving tractor. Remove key when leaving tractor unattended.

Have the field cultivator stationary and on level ground when raising or lowering outriggers.

DO NOT raise or lower the outriggers when moving.

DO NOT operate close to ditch or creek.

Slow down when turning and drive slowly over rough ground.

Apply both tractor brakes evenly when making emergency stops. Plan ahead.

Wear relatively tight and belted clothing to prevent being caught on some part of the machine.

DO NOT operate with outriggers folded.

Protect Against Noise



X7662

A—Earmuffs
B—Earplugs

Prolonged exposure to loud noise can cause impairment or loss of hearing.

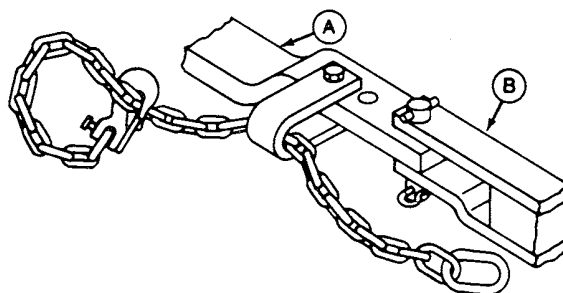
Wear a suitable hearing protective device such as earmuffs (A) or earplugs (B) to protect against objectionable or uncomfortable loud noises.

Avoid Fires

DO NOT refuel with the tractor engine running.

DO NOT smoke or use a lantern when refueling.

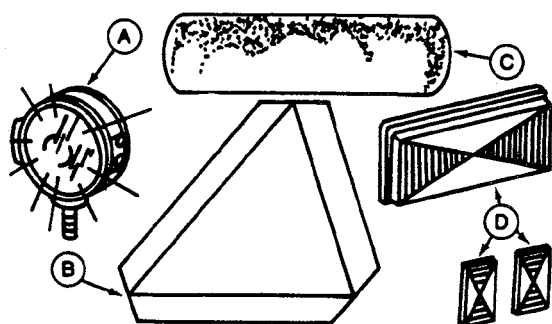
Use A Safety Chain



TS163

A safety chain will help control drawn equipment (B) should it accidentally separate from the drawbar (A) while transporting. Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning. See your John Deere dealer for a chain with a strength rating greater than the gross weight of the towed machine.

Transport Safely



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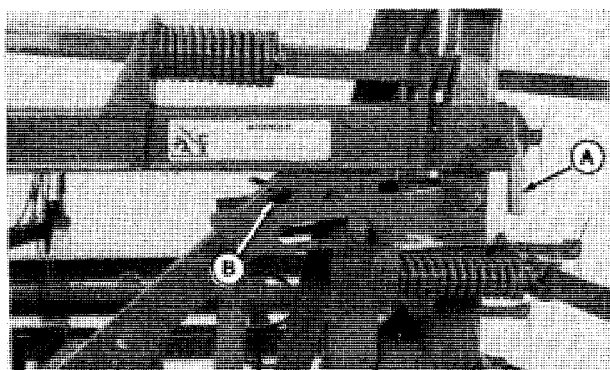
A—Lights
B—SMV Emblem

C—Reflector Tape
D—Reflectors

When transporting your machine on a road or highway at night or during the day, use necessary lights (A), SMV emblems (B), reflector tape (C) or reflectors (D), for adequate warning to operators of other vehicles. In this regard, check local governmental regulation. These various safety lights and devices are available from your John Deere dealer.

Keep the SMV emblem (B) and reflectors (D) clean and visible from the rear.

Before transporting, put the outriggers in the raised position as described on page 9.

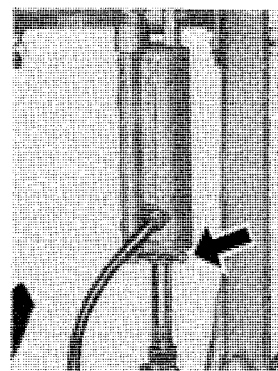


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A—Transport Position

B—Field Position

Fold outriggers. Remove pins from field position (B); then install lockup pins in transport position (A). Outriggers may fall rapidly and cause bodily injury if unpinned incorrectly. Before removing lockup pin retract cylinder fully to take weight off pin. If pin does not remove freely, adjust linkage and/or ensure cylinder is completely filled with hydraulic fluid.



N7805311

Transport

Always move depth control cylinder stop forward (bold arrow) to lock the cylinder.

DO NOT fail to latch the tractor brakes together.

Shift the tractor into a lower gear when transporting down steep slopes or hills.

Stop slowly.

KNOW the transport height and width of your cultivator and beware of overhead wires.

Signal Words in this Manual

“CAUTIONS” are presented in bold type, and indicate there is a possibility of injury to you or other people.

“IMPORTANTS” are also presented in bold type, and indicate there is a possibility of damage to the machine.

“NOTES” are separated from the text in italics. They provide additional information that is an exception to a previous statement or is not directly related to the original subject.

Practice Safe Maintenance

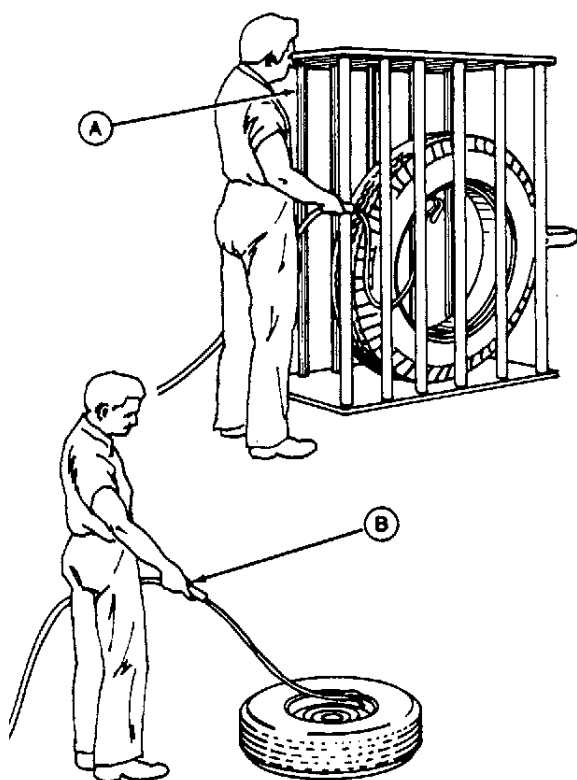
Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

DO NOT lubricate, adjust, or clean the field cultivator while it is in motion.

Always use a safety support when working on, under, or around the field cultivator.

Shut off tractor engine and remove key when working on field cultivator.

SERVICE TIRES SAFELY



- A—Use a safety cage if available
B—Do not stand over tire. Use a clip-on chuck and extension hose.

TS0123

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified tire repair service.

When seating tire beads on rims, never exceed 35 psi (240 kPa) (2.4 bar) or maximum inflation pressure specified by tire manufacturers for mounting tires. Inflation beyond this maximum pressure may break the bead, or even the rim, with dangerous explosive force. If both beads are not seated when the maximum recommended pressure is reached, deflate, reposition tire, relubricate bead, and reinflate.

Detailed tire mounting instructions, including necessary safety precautions, are contained in John Deere Fundamentals of Service (FOS) Manual 55, Tires and Tracks, available through your John Deere dealer. Such information is also available from the Rubber Manufacturers Association and from tire manufacturers.

AVOID HIGH-PRESSURE FLUIDS



X9511

Escaping fluid under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Keep hands and body away from pinholes and nozzles which eject fluids under high pressure. Use a piece of cardboard or paper to search for leaks. Do not use your hand.

If ANY fluid is injected into the skin, it must be surgically removed within a few hours by a doctor familiar with this type injury or gangrene may result.



Preparing the Tractor

1. Pin drawbar in fixed, centered low position.

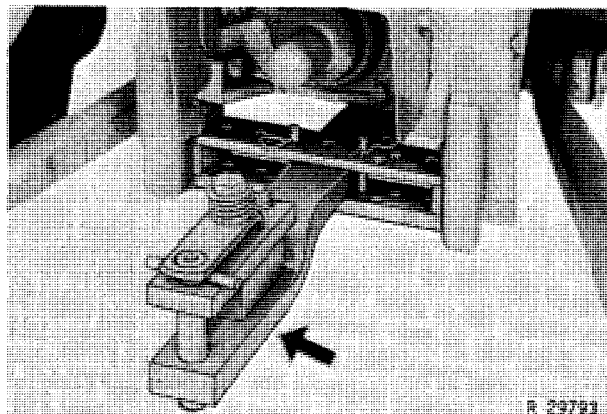


CAUTION: Make sure PTO guard and master shield are both installed on tractor.

2. Install sufficient ballast and/or tire pressure on your tractor. See your tractor operator's manual.

3. Check tractor hydraulic oil reservoir and add if needed.

4. Safety chains are recommended to secure hitch to tractor. All tractors must be equipped with an intermediate chain support ahead of hitch pin. See your John Deere dealer.



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