

172
Hedge Clipper
(Serial No. 100001 -)

John Deere Horicon Works
OMM95306 Issue D2

(This manual replaces OMM95306 Issue K0.)

LITHO IN U.S.A.
ENGLISH

Introduction

THANK YOU for purchasing a John Deere product.

READ THIS MANUAL carefully to learn how to operate and service your hedge clipper correctly. Failure to do so could result in personal injury or equipment damage.

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your hedge clipper and should remain with the hedge clipper when you sell it.

W THIS MACHINE IS OF METRIC design. Measurements in this manual are metric with the customary U.S. measurement following. Use only metric hardware and tools as specified.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction of forward travel.

WRITE IDENTIFICATION NUMBERS in the Specifications section. Accurately record all the

numbers to help in tracing the hedge clipper should it be stolen. Your dealer also needs these numbers when you order parts. File numbers in a safe place.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering hedge clippers will result in such action.



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All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

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Safety

RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



DX,ALERT -19-04JUN90

T81389 -UN-07DEC88

UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



DX,SIGNAL -19-09JAN92

TS187 -19-30SEP88

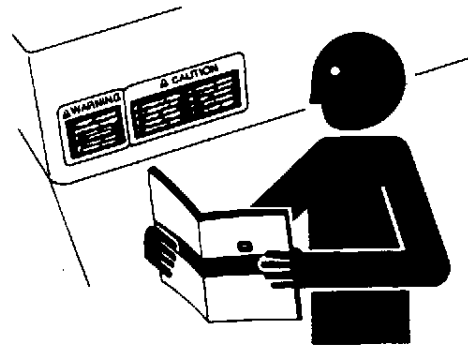
FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



DX,READ -19-04JUN90

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INSPECT HEDGE CLIPPER REGULARLY

Check hardware often. Keep it tight.

Keep hedge clipper clean. Keep hand grips clean and dry.

Replace missing parts.

Repair or replace damaged or badly worn parts.

Safety shield and handle must be in good condition and fastened in place.

Blades must be aligned and move freely.

Make adjustments before you operate.

MX,SABZ,B -19-14NOV90

PROTECT PEOPLE AND PETS

Keep people and pets out of area where you are using hedge clipper.

DO NOT let children or untrained persons operate hedge clipper.

DO NOT hand hedge clipper to another person while engine is running.

DO NOT leave hedge clipper unattended.

MX,SABZ,B1 -19-31MAR92

OPERATE HEDGE CLIPPER SAFELY

Be alert. DO NOT use hedge clipper when tired.

Hold hedge clipper firmly with one hand on each handle.

Start hedge clipper on the ground.

Keep good footing.

Work slowly, plan your moves.

Move clipper in a sweeping motion away from your body. Never draw clipper blades toward you.

DO NOT reach to make a cut.

If blades jam, STOP engine and disconnect spark plug wire before removing obstruction.

When carrying hedge clipper, hold it below waist and point blades down and to the rear.

DO NOT grab cutting blades of hedge clipper.

DO NOT run engine in an enclosed area. Exhaust gas contains carbon monoxide, an odorless and deadly poison.

MX,SABZ,E -19-14NOV90

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HANDLE FUEL SAFELY—AVOID FIRES

Handle fuel with care, it is highly flammable.

DO NOT refuel machine:

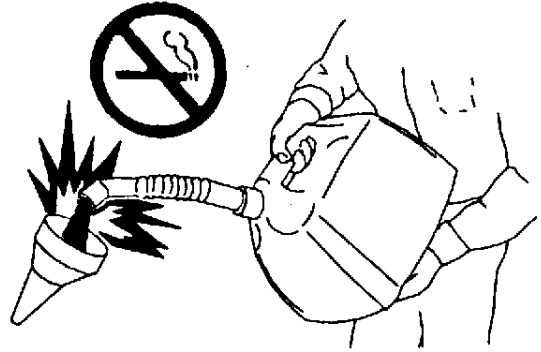
- While you smoke.
- When machine is near open flame or sparks.
- When engine is running. STOP engine.

Fill fuel tank outdoors.

Help prevent fires:

- Clean oil, grease and dirt from machine.
- Clean up spilled fuel immediately.

Do not store machine with fuel in tank in a building where fumes may reach an open flame or spark.



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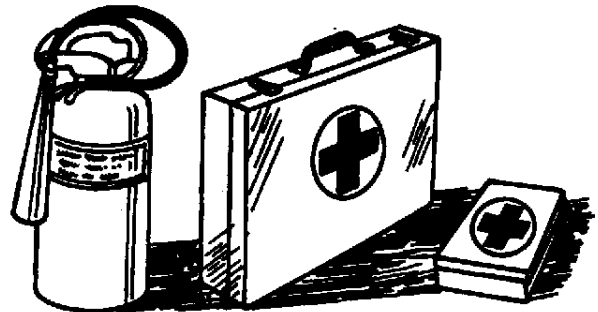
MX,FIRE,5 -19-26MAR92

PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



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DX,FIRE2 -19-04JUN90

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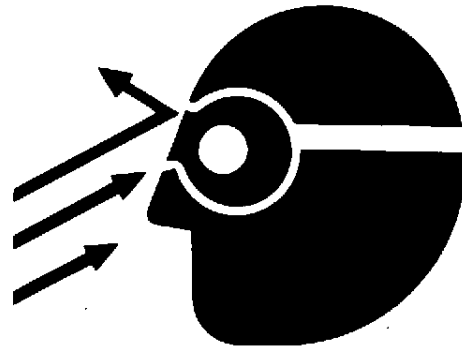
PROTECT AGAINST THROWN OBJECTS

DO NOT touch blades to ground, debris can be thrown or blades damaged.

Clear work area of debris.

Remove loose or fallen branches.

Wear safety goggles that meet ANSI Standard Z-87.1 to avoid injury from thrown objects.



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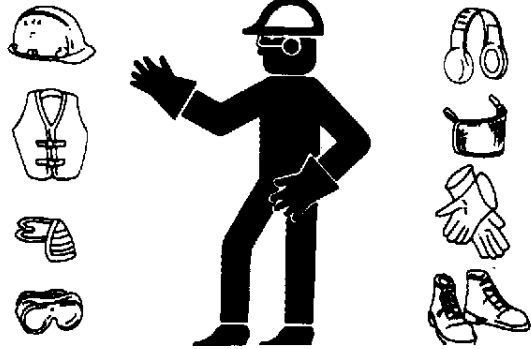
WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

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

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

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



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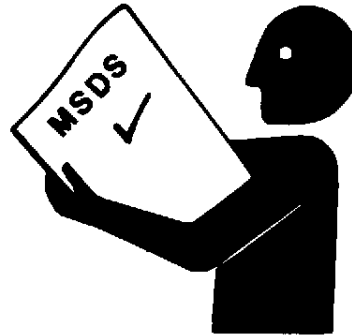
HANDLE CHEMICAL PRODUCTS SAFELY

Direct exposure to hazardous chemicals can cause serious injury. Potentially hazardous chemicals used with John Deere equipment include such items as lubricants, coolants, paints, and adhesives.

A Material Safety Data Sheet (MSDS) provides specific details on chemical products: physical and health hazards, safety procedures, and emergency response techniques.

Check the MSDS before you start any job using a hazardous chemical. That way you will know exactly what the risks are and how to do the job safely. Then follow procedures and recommended equipment.

(See your John Deere dealer for MSDS's on chemical products used with John Deere equipment.)



DX,MSDS,NA -19-15MAR91

TS1132 -UN-26NOV90

SERVICE HEDGE CLIPPER SAFELY

Before you service, clean, or inspect clipper:

- STOP engine.
- Let engine cool.
- Disconnect spark plug wire before servicing.

Keep all parts in good condition and fastened in place.

Fix damage immediately. Replace worn or broken parts.

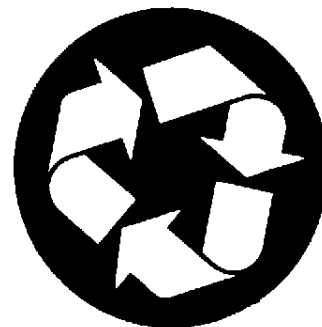
Wear gloves when you handle blades.

MX,SABZ,F -19-31MAR92

WASTE PRODUCT SAFETY

Waste products, such as, used oil, fuel, coolant, brake fluid, and batteries, can harm the environment and people. See your local Recycling Center or John Deere dealer to learn how to recycle or get rid of waste products.

Don't use beverage containers for waste fluids—someone may drink from them.



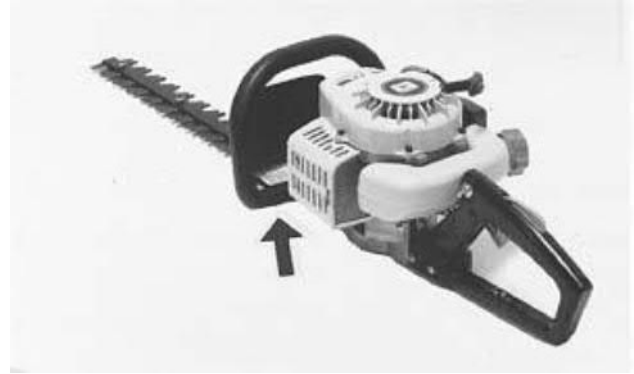
MX,SAIR,I -19-18MAR92

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READ SAFETY SIGNS



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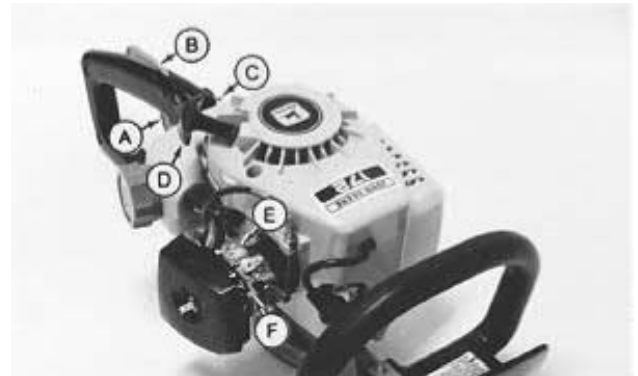
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MX,SABZ,A1 -19-31MAR92

Operation

LEARNING CONTROLS

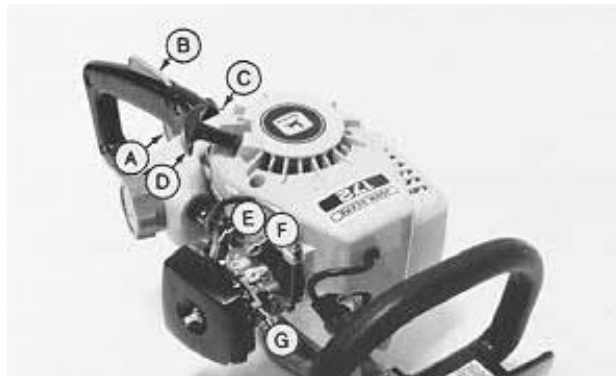
- A—Throttle Trigger
- B—Throttle Lock
- C—Ignition Switch
- D—Recoil Starter Handle
- E—Primer Bulb
- F—Choke Lever



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-UN-13NOV90

MX,OPBZ,A1 -19-31MAR92

STARTING COLD ENGINE



M71220
-UN-13NOV90

- A—Trigger
- B—Throttle Lock

- C—Ignition Switch
- D—Starter Handle

- E—Fuel Line
- F—Primer Bulb

- G—Choke Lever

- N** **CAUTION: To help prevent injury:**
- **DO NOT** run engine in an enclosed area.
 - **Keep hands away from blades.**
 - **Start hedge clipper on ground.**

1. Put hedge clipper on clear, level ground.
2. **CHOKE** engine:
 - Pull choke lever (G) up to **CLOSED** position.
3. Pull ignition switch (C) up to **START** position.
4. Push primer bulb (F) 3 or 4 times until you see fuel in line (E).

5. Push down throttle lock (B). Squeeze trigger (A) to **FULL THROTTLE**.

IMPORTANT: DO NOT let rope snap back or you may damage starter.

6. Pull starter handle (D) slowly until you feel resistance. Then, use short rapid pulls until you hear popping sound.
7. Push choke lever down to **HALF OPEN**.
8. Pull starter handle again until engine starts.
9. Push choke lever all the way down to **OPEN**.
10. Release throttle trigger to **HALF THROTTLE** and let engine warm up for a few minutes.

MX,OPBZ,A2 -19-31MAR92

STARTING WARM ENGINE

- N** **CAUTION:** To help prevent injury:
- **DO NOT** run engine in an enclosed area.
 - **Keep hands away from blades.**
 - **Start hedge clipper on ground.**

1. Pull ignition switch (C) up to START position.

NOTE: DO NOT use primer bulb or choke a warm engine.

2. Leave choke lever in OPEN position.

3. Push down throttle lock (B) and squeeze throttle trigger (A).

4. Pull starter handle (D).

NOTE: If engine does not start, follow STARTING COLD ENGINE procedure.



A—Trigger
B—Throttle Lock
C—Ignition Switch
D—Starter Handle

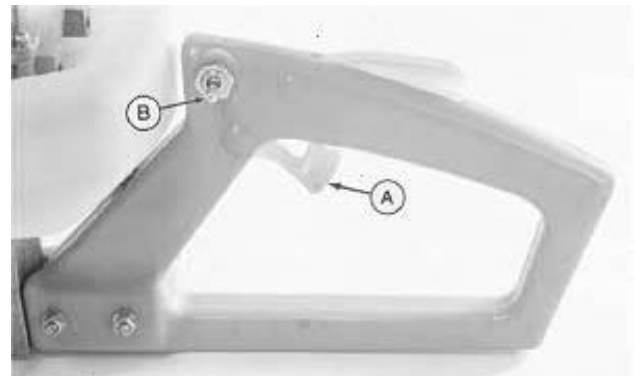
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MX,OPBZ,A7 -19-31MAR92

STOPPING ENGINE

Release throttle trigger (A) and throttle lock.

Push ignition switch (B) down to STOP position.



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OPERATING TIPS

- N** **CAUTION:** To avoid injury, if blades jam:
- STOP engine.
 - Disconnect spark plug wire before removing obstruction.

- IMPORTANT:** To avoid damage to blades:
- DO NOT touch blades to ground.

Keep blades sharp. Replace cracked blades immediately. (See SERVICE section.)

DO NOT cut branches larger than 6.4 mm (1/4 in.) diameter.

NOTE: Blade will move when engine speed reaches approximately 3000 rpm.

Tilt hedge clipper so cutting teeth are angled slightly toward hedge or shrub.

Move hedge clipper in a sweeping motion away from your body. Never draw blades toward you.

Move hedge clipper in short, even strokes.

To trim side of a hedge or shrub, start at bottom branches and move clipper upward. Cutting upwards yields a more even cut and makes shaping shrubbery easier.



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MX,OPBZ,A4 -19-31MAR92

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