

# 21HC Hedge Clipper

(Serial No. 030001 – )



## OPERATOR'S MANUAL

**John Deere**  
**Lawn & Grounds Care Division**  
**OMM120617 H5**

North American Version  
Litho in U.S.A  
English

# INTRODUCTION

**THANK YOU** for purchasing a John Deere product.

Read this manual and your attachment manuals thoroughly. Failure to do so could result in personal injury or equipment damage.



**C WARNING:** The Engine Exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

CALIFORNIA Proposition 65 Warning

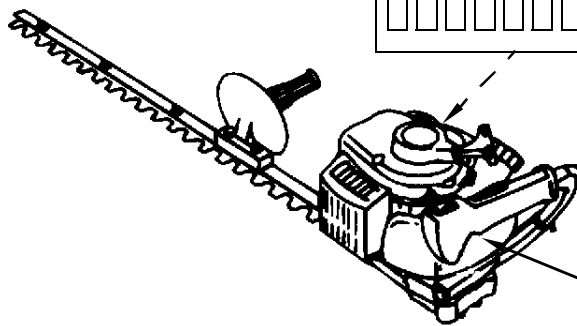
This manual should be considered a permanent part of your machine and should remain with the machine when you sell it.

Measurements in this manual are metric units and their U.S. customary equivalents. RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line arrow ( - - - → ) it indicates the part it is pointing to is hidden.

Record identification numbers below. Be sure to record all the numbers to help in tracing the machine if it is stolen. You also

<b>Date of Purchase:</b> _____	<b>Dealer Name:</b> _____	<b>Phone:</b> _____
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**Machine Serial Number:**  
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □



**Machine Model Number:**  
□ □ □ □

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# SAFETY SIGNS

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## Safety-Alert Symbol

Read and recognize safety information. Be alert to the potential for personal injury when you see this safety-alert symbol.

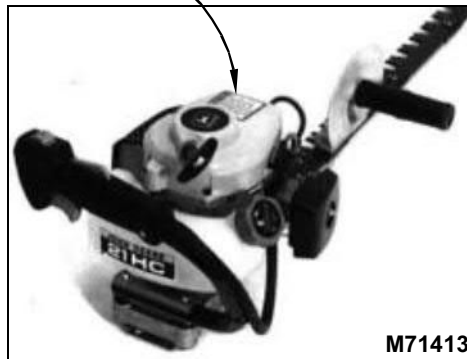
On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards. In this manual, the word CAUTION and this symbol call attention to safety messages.



## Machine Safety Labels



M71383



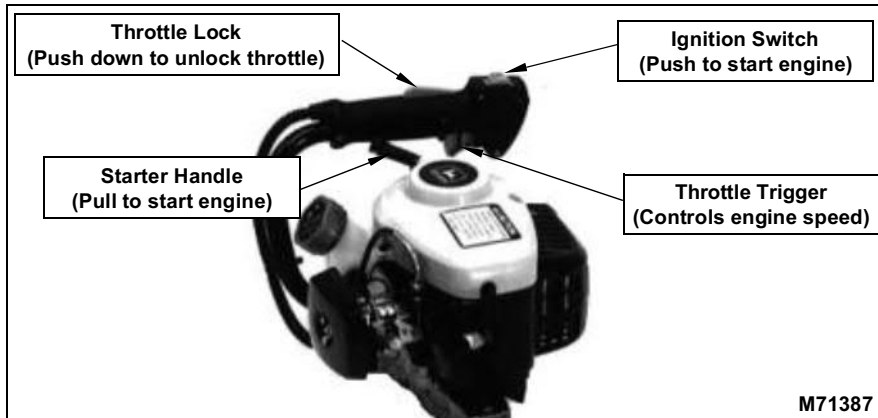
M71413

# CONTROLS

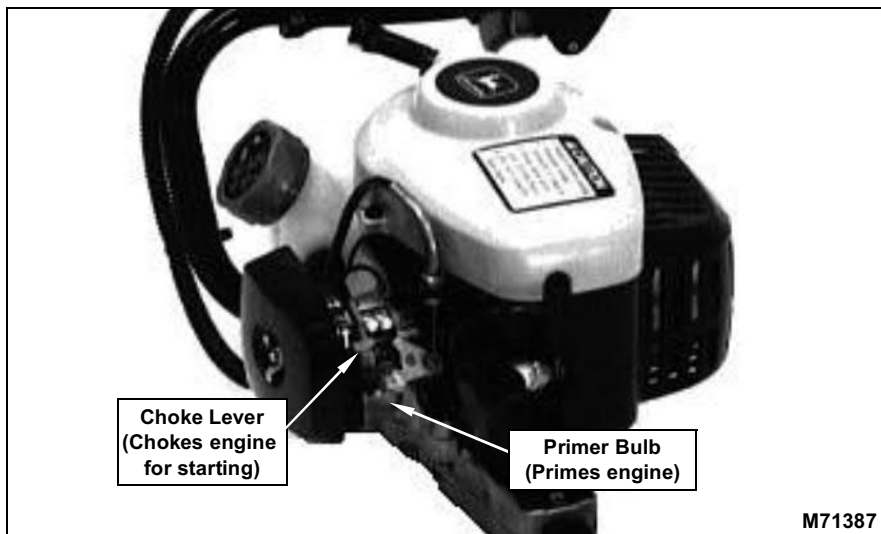
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## Handle Controls



## Engine Controls



## OPERATING

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### Operate Safely

- Clear work of debris. Remove loose or fallen branches. DO NOT touch blades to the ground, debris can be thrown or blades damaged..



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



- Inspect machine before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Blades must be aligned and move freely. Make any necessary adjustments before you operate.
- Start hedge clipper on the ground. Hold hedge clipper firmly with one hand on each handle. Keep both hands on the handles when the engine is running.
- 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 the engine and disconnect the spark plug wire before removing the obstruction. Make repairs before you operate. Keep machine properly maintained and in good working order. Keep all shields and guards in place.
- DO NOT grab cutting blades of hedge clipper.
- Only operate during daylight or with good artificial light.

# OPERATING

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## Protect Children And Prevent Accidents

### PROTECT CHILDREN:

- Never assume that children will remain where you last saw them, stay alert to the presence of children.
- Keep children in the house when you are operating the machine.
- Turn machine off if a child enters the area.
- DO NOT let children or an untrained person operate the machine.

### HELP PREVENT SERIOUS OR FATAL ACCIDENTS:

- Keep people and pets out of the work area.
- Stop machine if anyone enters the area
- DO NOT leave machine unattended when it is running.
- DO NOT hand hedge clipper to another person while the engine is running.
- Be alert at all times, people ESPECIALLY CHILDREN can move quickly into the area before you know it.
- Release throttle trigger to shut off blades when you are not clipping.
- Keep hands, feet, and clothing away from blades.

## Wear Appropriate Clothing



- Wear close fitting clothing and safety equipment appropriate for the job.
- Loud noise can cause impairment or loss of hearing, wear a suitable protective device such as earplugs.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.

# OPERATING

## Starting Engine

C

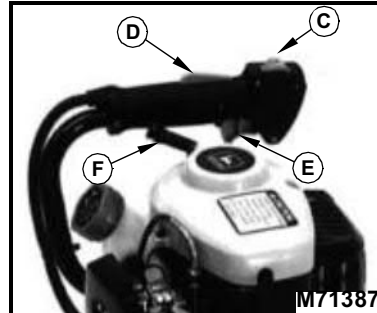
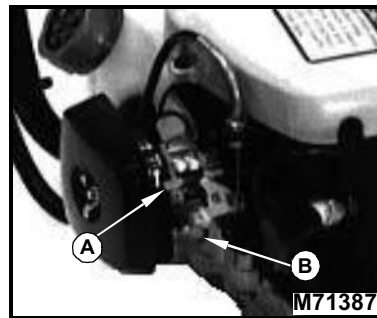


**CAUTION: To help prevent injury:**

- DO NOT run engine in an enclosed area. Exhaust gas contains carbon monoxide, an odorless and deadly poison.
- Keep hands away from blades. Blades may move when engine starts.
- Start hedge clipper on the ground.

### Cold Engine

1. Put hedge clipper on clear, level ground.
2. CHOKE engine:
  - Pull choke lever (A) up to CLOSED position.
3. Push switch (C) forward to START position.
4. Push primer bulb (B) three or four times until you see fuel in the clear line.
5. Push down throttle lock (D). Squeeze trigger (E) to FULL THROTTLE.



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

6. Pull starter handle (F) slowly until you feel resistance. Then, use short rapid pulls until you hear popping sound.

## OPERATING

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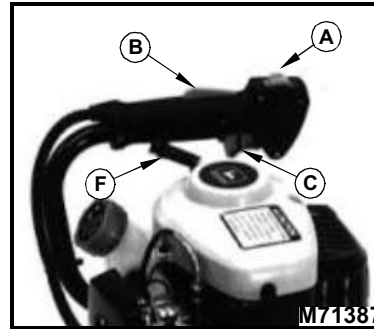
7. Push choke lever down to HALF OPEN.
8. Pull starter handle again until engine starts.
9. Push choke lever all the way down to the OPEN (RUN) position
10. Release throttle trigger to HALF THROTTLE and let engine warm up for a few minutes.

### Warm Engine

1. Push switch (A) forward to START position.

**NOTE: DO NOT choke a warm engine.**

2. Leave choke lever in OPEN (RUN) position.
3. Push down throttle lock (B) and squeeze throttle trigger (C).



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

4. Pull starter handle (F).

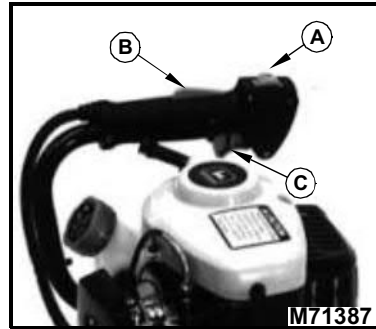
**NOTE: If engine does not start, follow Cold Engine procedure.**

## OPERATING

### Stopping Engine

Release throttle trigger (C) and throttle lock (B).

Pull switch (A) back to STOP position.



### Operating Tips

- C 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 the ground.

Keep blades sharp. Replace cracked blades immediately.

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

Run engine at full throttle when trimming.

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.



TY14128

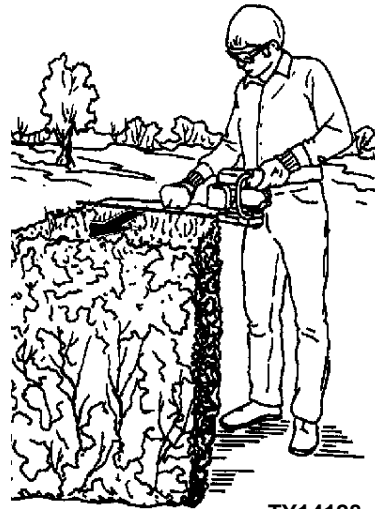
## OPERATING

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### Operating Tips (Continued)

Move hedge clipper in short, even strokes. DO NOT force blades through clippings.

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.



TY14128

## **REPLACEMENT PARTS**

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**WE RECOMMEND JOHN DEERE** quality parts and lubricants, available at your John Deere dealer.

**PART NUMBERS MAY CHANGE**, use part numbers listed below when you order. If a number changes, your dealer will have the latest number.

**WHEN YOU ORDER PARTS**, your John Deere dealer needs your machine serial number. This is the number you have recorded on the inside front cover of this manual.

ITEM	PART NUMBER
Spark Plug	TY15207
Spark Plug Cap Spring	PT3811
Spark Plug Cap	PT2502
Air Filter	M120094
Upper Blade	M120483
Lower Blade	M120484
Starter Rope	M75050
Rope Guide	M75051
Starter Handle	PT9915
Fuel Filter	M94328

(Part numbers are subject to change without notice. Part Numbers may be different outside the U.S.A.)



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## SERVICE MACHINE SAFELY

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### Practice Safe Maintenance



- Understand service procedure before doing work. Keep area clean and dry.
- Never lubricate or service machine while it is moving. Keep safety devices in place and in working condition. Keep hardware tight.
- To prevent them from getting caught, keep hands, feet, clothing, jewelry, and long hair away from any moving parts.
- Before servicing machine, stop the engine. Let engine cool. Disconnect the spark plug wire.
- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.
- Unauthorized modifications to the machine may impair its function and safety.

### Wear Appropriate Clothing



- Wear close fitting clothing and safety equipment appropriate for the job.
- Wear gloves when you handle the blades.
- Loud noise can cause impairment or loss of hearing, wear a suitable protective device such as earplugs.
- Do not wear radio or music headphones while servicing the machine. Safe service requires your full attention.

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