



21C and 21S
String Trimmers
(Serial No. 010001-



John Deere Horicon Works
OMM112595 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 string trimmer correctly. Failure to do so could result in personal injury or equipment damage.

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your string trimmer and should remain with it when you sell it.



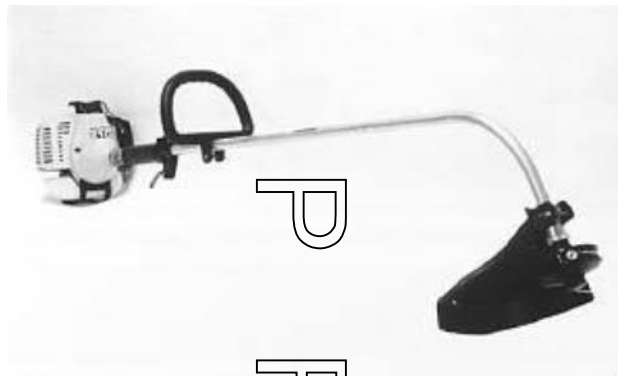
THIS MACHINE IS OF METRIC design. Measurements in this manual are metric with customary U.S. measurement following. Use only metric hardware and tools as specified.

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

WRITE IDENTIFICATION NUMBERS in the Specifications section. Accurately record all numbers to help in tracing string trimmer if it is 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 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 original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering string trimmers will result in such action.



Model 21C

MT71185 -UN-24OCT90

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A John Deere ILLUSTRATION™ Manual

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Thank you very much for reading.

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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-07DEC68

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 -19-04JUN90

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.



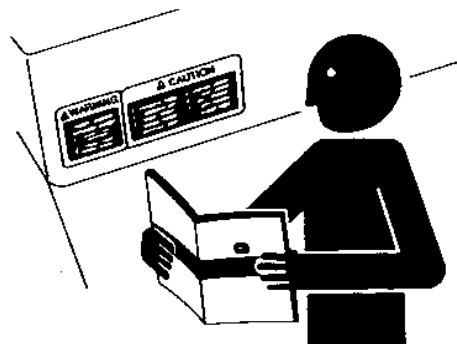
Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.



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

TS201 -UN-23AUG88



PROTECT PEOPLE AND PETS

Keep people and pets at least 10 M (33 ft) away.



DO NOT let anyone operate string trimmer without proper instruction. DO NOT let children operate string trimmer.

DO NOT leave string trimmer unattended.



DO NOT hand string trimmer to another person while engine is running.



MX,SAFZ,A -19-25OCT90

OPERATE STRING TRIMMER SAFELY

Tighten parts on rotating head before you operate string trimmer.

Start string trimmer on ground.

DO NOT run engine in an enclosed area.

DO NOT use string trimmer when you are tired.

Keep hand grips clean and dry.

Hold string trimmer firmly with both hands.

Keep solid footing.

Cut at ground level only.

Trim from right to left, walking behind string trimmer. DO NOT draw string trimmer head toward you.

DO NOT reach to make a cut.

STOP engine before you remove debris from cutting head.

DO NOT operate string trimmer without shield.



M61443 -JUN-01SEP88

MX,SAFZ,B -19-25OCT90



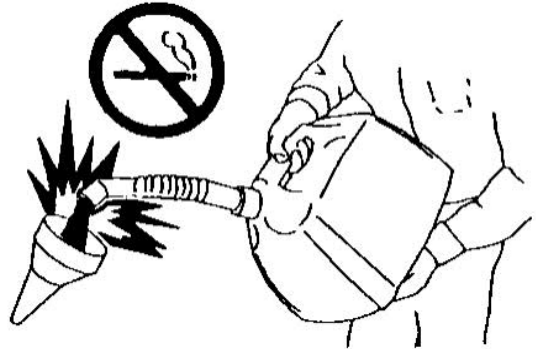
HANDLE FUEL SAFELY—AVOID FIRES

Handle fuel with care: it is highly flammable. **DO NOT** refuel machine while smoking or when near open flame or sparks.

Always stop engine and let it cool before refueling machine. Fill fuel tank outdoors.

Prevent fires by keeping machine clean of accumulated trash, grease, and debris. Always clean up spilled fuel.

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



M73115 -UN-09MAR90

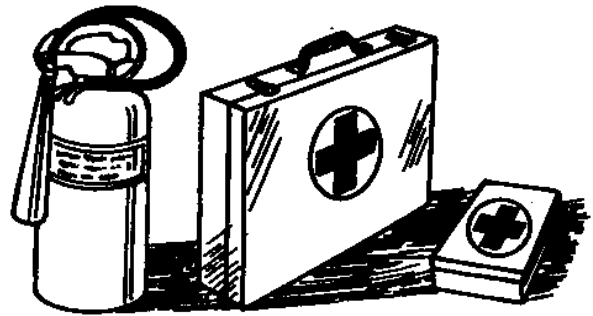
MX,FIRE -19-25OCT90

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.



TS291 -UN-23AUG88

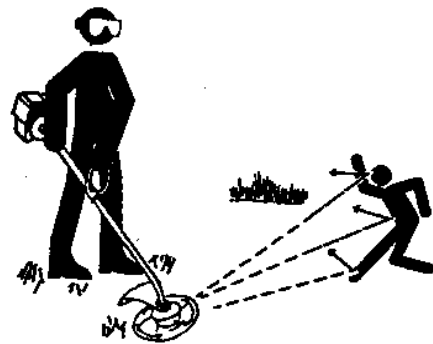
DX,FIRE2 -19-04JUN90

PROTECT AGAINST THROWN OBJECTS

Clear work area of objects that may be thrown.

Trim from left to right so trimmer throws particles away from you. Trim with head tilted to the right.

Wear goggles or safety glasses when you trim.



M61442 -UN-01SEP88

MX,SAFZ,C -19-25OCT90



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.



DX,WEAR -19-10SEP90

TS206 -UN-23AUG68

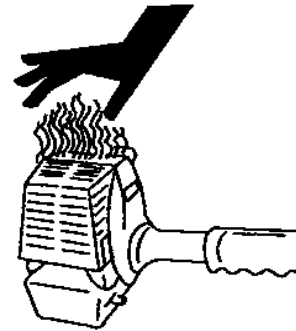
SERVICE STRING TRIMMER SAFELY

Before you service, clean or inspect trimmer:

- STOP engine.
- Let engine cool.

Keep all parts in good condition and fastened in place.

Fix damage immediately. Replace worn or broken parts.



MX,SAFZ,D -19-25OCT90

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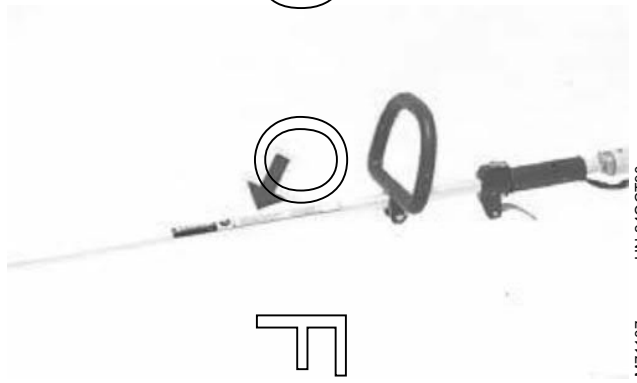
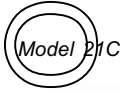
SAFETY SIGNS

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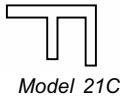
CAUTION

- READ OPERATOR'S MANUAL
- STOP ENGINE BEFORE SERVICING
- KEEP SHIELDS IN PLACE
- WEAR HEARING PROTECTION
- WEAR EYE PROTECTION-OBJECTS CAN BOUNCE BEYOND SHIELDS
- DO NOT USE METAL BLADES ON THIS MACHINE
- KEEP OTHERS AWAY- 33 FT
- CUT AT GROUND LEVEL

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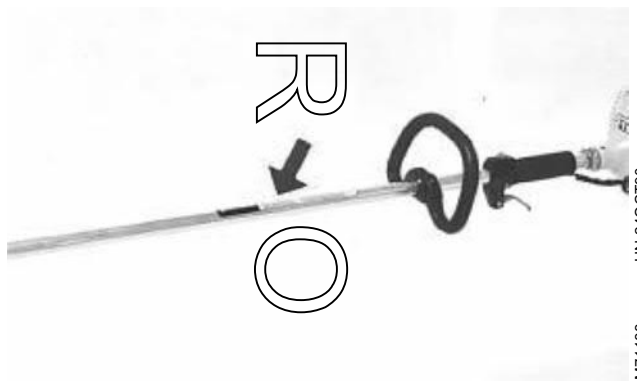
M71087 -19-05SEP90

WARNING

- BEWARE OF KICKOUT
- USE U-HANDLE, HARNESS AND METAL SHIELD WITH METAL BLADES
- KEEP OTHERS AWAY- 33 FT
- USE JOHN DEERE APPROVED BLADES ONLY
- CUT AT GROUND LEVEL
- DO NOT EDGE WITH METAL BLADES
- KEEP SHIELDS IN PLACE
- READ OPERATOR'S MANUAL
- WEAR EYE & HEARING PROTECTION

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Model 21S



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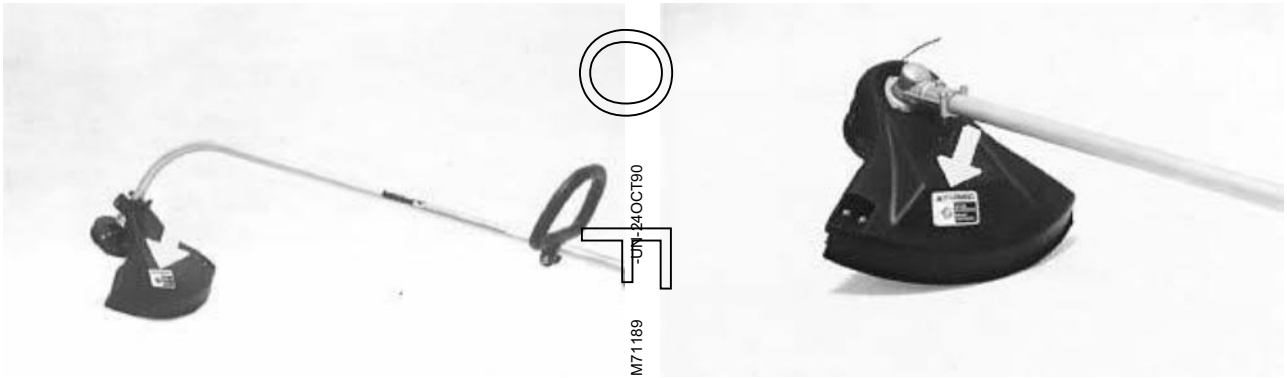
Model 21S

MX,SAFZ,E1 -19-25OCT90





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Model 21C

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-JUN-24OCT90

Model 21S

M71092

-JUN-07SEP90

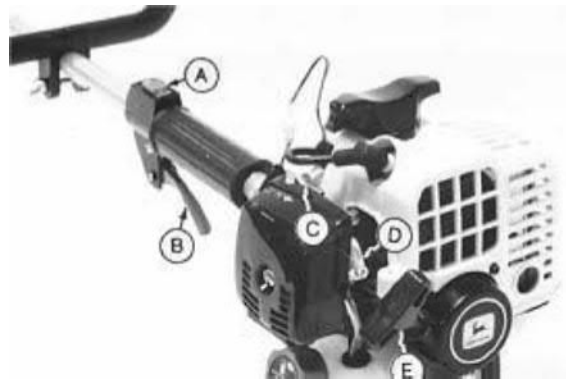
MX,SAFZ,E2 -19-25OCT90

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Operation

LEARNING CONTROLS

- A—Engine Switch
- B—Throttle Trigger
- C—Choke Lever
- D—Primer Bulb
- E—Starter Handle



MX,OPFZ,A -19-25OCT90

M71190 -UN-24OCT90

ADJUSTING LINE LENGTH

IMPORTANT: Keep line cutting length 127 to 152 mm (5 to 6 in). Line too long will overload engine, and line too short may cause engine to overspeed.

If line is 50 mm (2 in.) or less you must lengthen it manually:

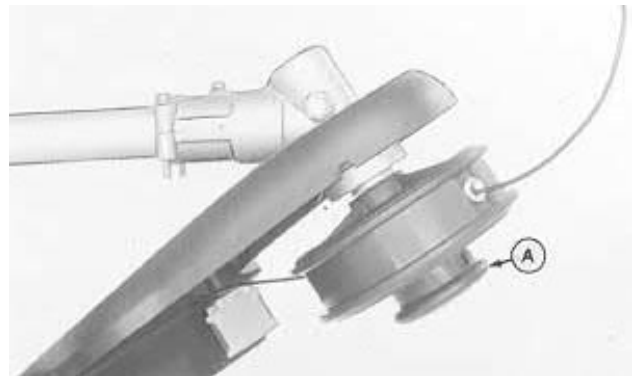
- Push and hold button (A).
- Pull line(s) to desired length.

To adjust line(s) during operation:

- Run engine at full throttle.
- Firmly tap button (A) on hard surface, not on lawn. Line extends 25 mm (1 in.) with each tap.



Model 21C



Model 21S

MX,OPFZ,B -19-25OCT90

-UN-24OCT90

M71191

-UN-23AUG88

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ADJUSTING HANDLE

IMPORTANT: DO NOT put handle assembly over caution decal.

Model 21C — loosen wing nut (A).
Model 21S — loosen screws (A).

Put handle assembly in desired position.

Tighten screws or wing nut.



Model 21C

M71192 -UN-24OCT90



Model 21S

M71193 -UN-24OCT90

MX,OPFZ,C -19-25OCT90

STARTING COLD ENGINE

CAUTION: Avoid inhaling exhaust fumes. **DO NOT** operate string trimmer indoors. Start string trimmer on ground.

1. Put string trimmer on clear, level ground.
2. Support string trimmer with shield and engine.

IMPORTANT: DO NOT start string trimmer in tall grass or brush.



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Suggest:

If the above button click is invalid.

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first, and then click the above link

to download the complete manual.

Thank you so much for reading

3. CHOKE engine:

- Move choke lever (A) to CLOSE position.



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M71194 -UN-24OCT90

4. Push switch (B) forward to ON position.



5. Push primer bulb (C) 3 or 4 times until you see fuel in line (D).

6. Squeeze trigger (A) to FULL THROTTLE.



NOTE: Use short rapid pulls when pulling starter handle.

7. Pull starter handle. When you hear popping sound, move choke lever or button to HALF OPEN.

8. Pull starter handle again until engine starts.

9. Move choke lever or button to OPEN.

10. Warm engine a few minutes at HALF THROTTLE before you cut.



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