JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER EQUIPMENT DIVISION

Stick Edger
XT140SE LE - UT22100

OMPS05088 K3

OPERATOR'S MANUAL

JOHN DEERE

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North American Version
Litho in U.S.A.

PRODUCT IDENTIFICATION

Product Identification

Record Identification Numbers

XT140SE LE Stick Edger

If you need to contact an Authorized Service Center for information on servicing, always provide the product model and serial number.

You will need to locate the serial number for the machine and record the information in the spaces provided below.

DATE OF PURCHASE:

_____

DEALER NAME:

_____

DEALER PHONE:

_____

UT NUMBER:

UT22100_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

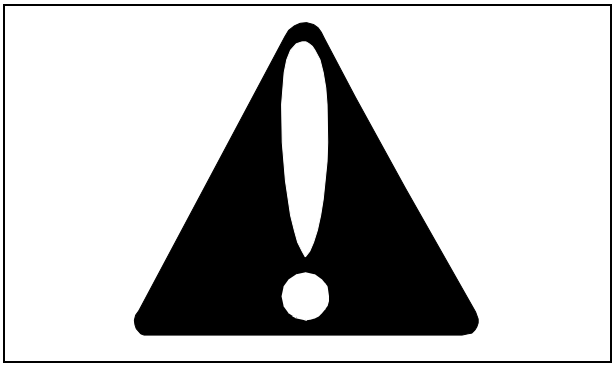
PRODUCT SERIAL NUMBER:

TCXE40Lxxxxxx _ _ _ _ _ _ _ _ _ _ (Six digits)_

Safety

Read the general safety operating precautions in your machine operator's manual for additional safety information.

Understanding The Safety-Alert Symbol



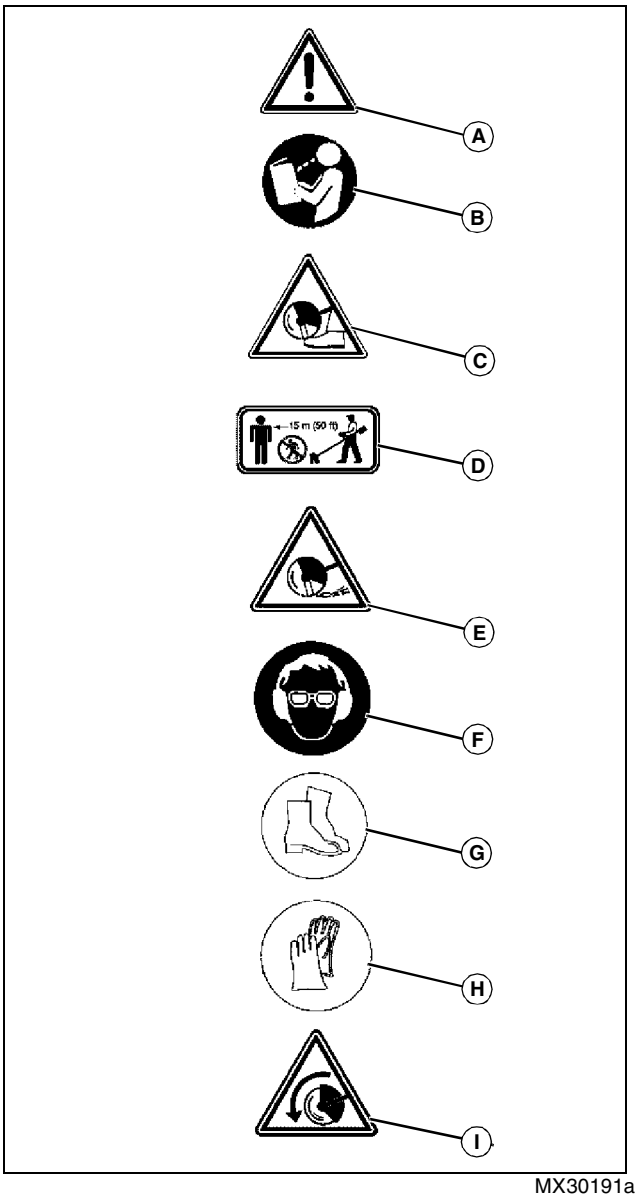
MIF

The machine safety labels shown in this section are placed in important areas on your machine to draw attention to potential safety hazards.

On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards.

The operator's manual also explains any potential safety hazards whenever necessary in special safety messages that are identified with the word, CAUTION, and the safety-alert symbol.

Safety Symbols



MX30191a

A- Indicates Warning, Danger, and Caution.

B- Read all Safety, Operating and Maintenance Instructions.

C- Caution: Rotating cutting blade.

D- Keep all bystanders at least 50 feet (15 m) away.

E- Danger of thrown object.

F- Wear eye and hearing protection when operating this equipment.

G- Wear appropriate footwear when operating this equipment.

H- Wear heavy gloves when operating this equipment. Wear heavy gloves when installing or removing blades.

I - Direction of edger blade rotation.

SAFETY

Operating Safely

CAUTION: Avoid injury! For safe operation, read these instructions before using your edger. Follow all instructions for safety. Save these instructions for future reference.

NOTE: Do not allow children or untrained individuals to use this unit.

Always stop engine and remove spark plug wire before making any adjustments or repairs except carburetor adjustments.

Follow these instructions to reduce the risk of injury:

• Be thoroughly familiar with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly.

• Use this edger for edging along sidewalks, driveways, flower beds and similar areas. Do not use for any other purpose.

• Never start or run the engine inside a closed area; breathing exhaust fumes can kill.

• Clear the work area before each use. Remove all objects such as broken glass, nails or broken wires.

• Wear full eye and hearing protection while operating this edger.

• Wear heavy long pants, shoes, and gloves.

• Keep all bystanders, children, and pets at least 15 m (50 feet) away.

• Do not wear loose clothing, or jewelry.

• Secure long hair so it is above the shoulder.

• Do not operate this edger when you are tired, ill, or under the influence of alcohol, drugs, or medication.

• Do not operate in poor lighting.

• Do not use the product on graveled surfaces.

• Keep firm footing and balance. Do not overreach.

• Keep all parts of your body away from hot surfaces.

• Be careful of rotating member. Keep feet from cutting area.

• Do not attempt to remove cut material nor hold material to be cut when engine is running or when cutting member is moving. Be aware of cutting member coasting after turned off.

• Never operate the product without guards, plates, or other protective devices in place.

• Never direct discharge of material toward bystanders, nor allow anyone near the area of operation. Use care in directing discharge to avoid glass enclosures, automobiles, etc.

• Stay alert for uneven sidewalks, holes in terrain or other similar conditions. Always push slowly over rough ground.

Maintenance Safety Procedures

CAUTION: Avoid injury! Use only John Deere replacement parts. Failure to do so may cause poor performance, possible injury and may void your warranty.

PRODUCT USERS ON UNITED STATES FOREST SERVICE LAND, AND IN SOME STATES, MUST COMPLY WITH FIRE PREVENTION REGULATIONS. THIS PRODUCT IS EQUIPPED WITH A SPARK ARRESTOR; HOWEVER, OTHER USER REQUIREMENTS MAY APPLY. CHECK WITH YOUR FEDERAL, STATE, OR LOCAL AUTHORITIES.

• Disconnect (unplug) spark plug lead before servicing and cleaning unit.

• Inspect unit before each use for loose fasteners, fuel leaks, etc. Replace damaged parts. Failure to do so can cause serious injury.

• Make sure all guards and handles are properly and securely attached.

• Before storing, allow the engine to cool.

• Empty the fuel tank and restrain the unit from moving before transporting in a vehicle.

Handling Fuel Safely

CAUTION: Avoid injury! Do not smoke!

• Never add fuel to a running or hot engine.

• Mix and store fuel in a container approved for gasoline.

• Mix fuel outdoors where there are no sparks or flames.

• Select bare ground, stop engine, and allow to cool before refueling.

• Loosen fuel cap slowly to release pressure and to keep fuel from escaping around the cap.

• Wipe spilled fuel from the unit. Move 3 m (10 feet) away from refueling site before starting engine.

• To reduce the risk of fire, replace gasoline cap securely.

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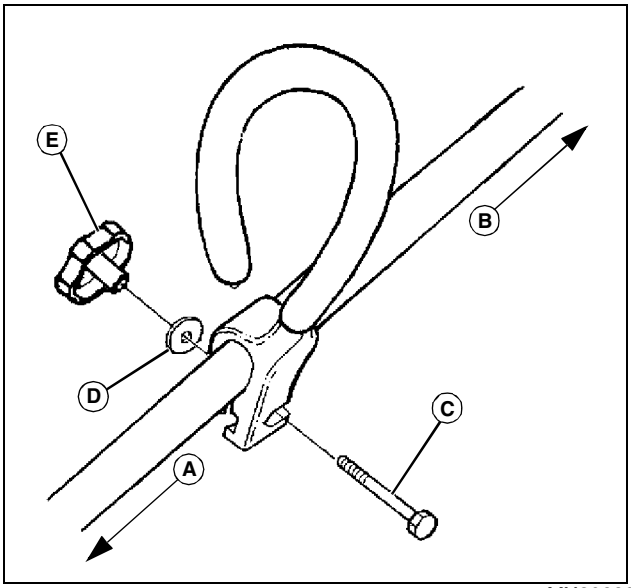
Assembly

Assemble Front Handle



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Picture Note: Orientation Shown; Cutting attachment end (A) and power head end (B).

1.Snap handle onto drive shaft housing. Install bolt (C), flat washer (D), and knob (E). Adjust handle to a comfortable position. Tighten knob securely.

Operating

Inspection

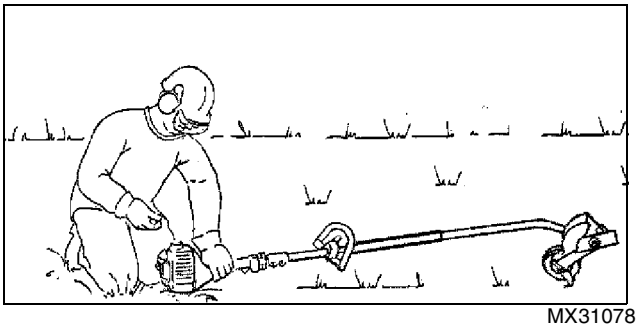
• Always inspect all fasteners for tightness and/or missing parts. Tighten or replace before use.

• Make sure all parts are installed as instructed.

• Do not operate product with a damaged or excessively worn cutting member.

Starting Engine

Starting Engine When Cold (Initial Engine Starting)



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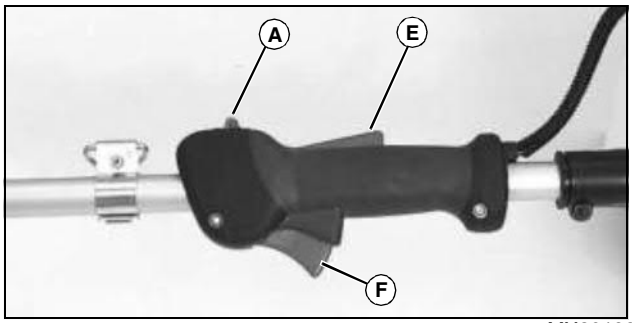
1.Lay edger on a flat, bare surface, as shown above.



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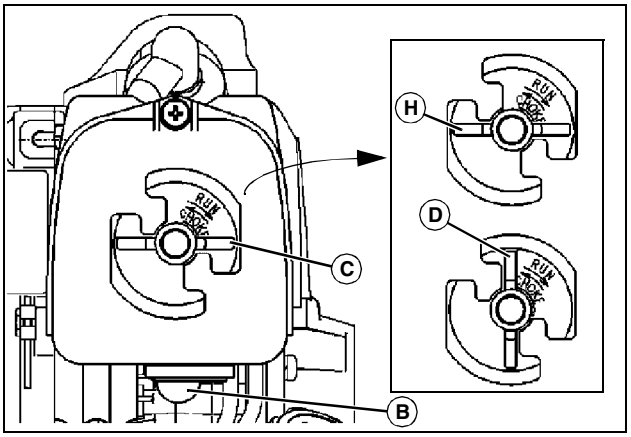

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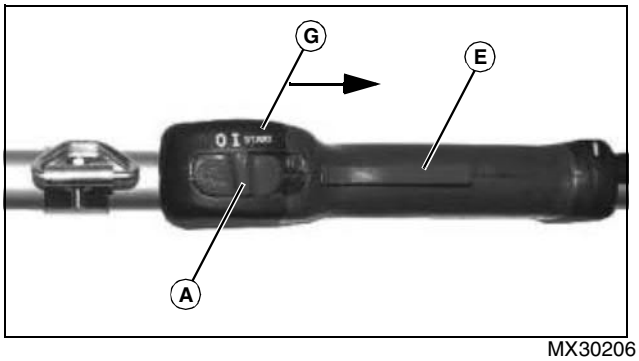


MX30206

2.Move the switch (A) to the “I” position.

3.Push primer bulb (B) 8 to 10 times.

4.Move choke lever (C) to choke position (D).

NOTE: Trigger safety lock (E) must be depressed before squeezing trigger.

5.Squeeze trigger (F) to full throttle position and hold it, or set the switch (A) to the “START” (fast idle) position (G) and release the trigger.

6.Pull starter until engine tries to run. (No more than 6 pulls.)

7.Move choke lever to half choke position.

8.Pull starter until the engine runs.

9.Run engine 30 to 45 seconds at the "START" (fast idle) position on half choke position to warm up. Move choke lever to the “RUN” position (H).

NOTE: If the engine will not idle properly (either it dies when the trigger is released or it runs too fast and the cutting attachment does not stop rotating when the trigger is released) refer to “Idle Speed Adjustment” in the SERVICE section.

Starting Engine When Warm (Restarting Engine)

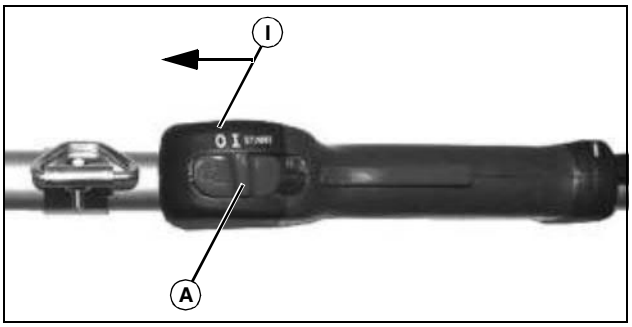
1.Place choke lever in the “RUN” position (H), if it is not already there.

2.Pull starter rope until the engine runs.

NOTE: If engine fails to start, push primer until fuel appears in clear plastic return line.

Stopping Engine

1.Release trigger.



MX30206

2.Move switch (A) to the “O” stop position (I).

Operating the Edger

The edger will edge along sidewalks, driveways, curbs, and similar areas.

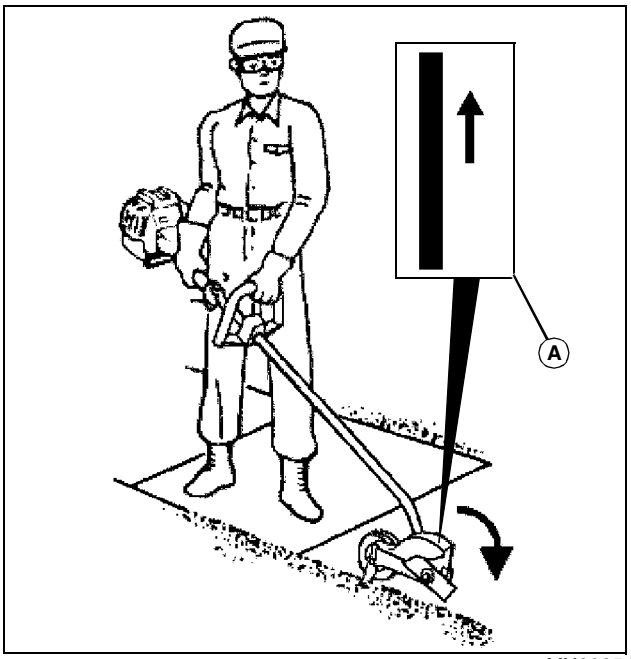
IMPORTANT: Avoid damage! Always operate edger at full throttle. PROLONGED PART THROTTLE CUTTING WILL RESULT IN OIL DRIPPING FROM THE MUFFLER. Best appearance is obtained when grass is dry. Avoid edging in wet soil or wet grass areas or the blade guard might clog and result in an uneven edge. If blade guard becomes clogged, stop the engine, DISCONNECT THE SPARK PLUG, and remove debris from the guard.

• Always hold the edger with both hands when operating. Use a firm grip on both handles.

CAUTION: Avoid injury! Extreme care must be taken when using blade to insure safe operation.

• Maintain your grip and balance on both feet. Position yourself so that you will not be drawn off balance.

Cutting Tips



MX30354

• Hold and operate the edger at the right side of your body, as shown above. Use a firm grip with both hands when using the edger.

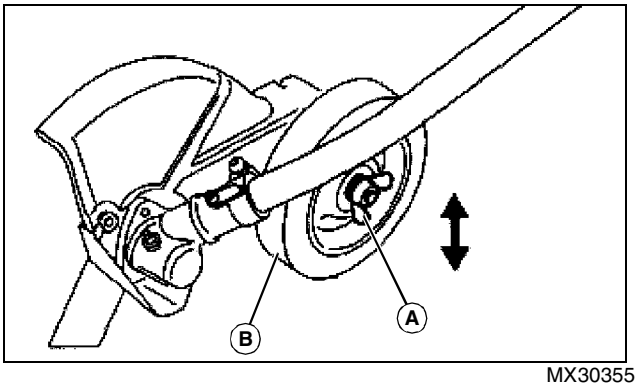
• Keep the cutting attachment below waist level.

• Use the black line on the blade alignment decal (A) as a guide to align the blade with the edging surface. The arrow designates the direction of blade rotation.

• Cut at a steady pace. If the blade bogs down, slow your pace. Do not force the blade into the ground.

• Light contact of the blade against the edge of sidewalk, etc. is acceptable and will not damage the edger.

Adjusting Blade Depth



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1.To adjust blade depth, turn engine off and disconnect the spark plug lead. Loosen the wing nut (A), and move wheel (B) up or down to obtain a desired cutting depth.

Suggest:

If the above button click is invalid.

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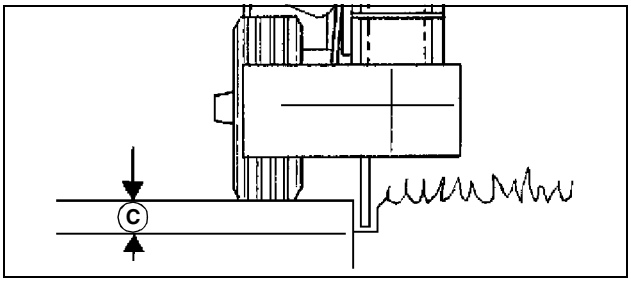
first, and then click the above link

to download the complete manual.

Thank you so much for reading

NOTE: Moving the wheel up increases the depth, and down decreases the depth.



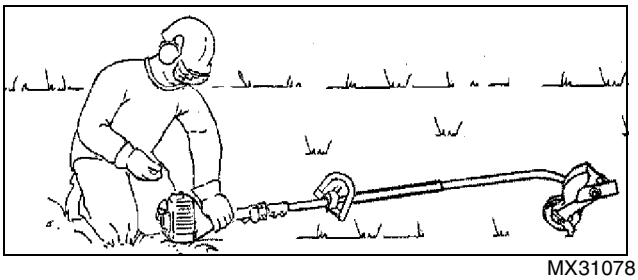
MX30297

- Initially adjust blade depth at 1/2" (1.2 cm) deep (C). (Depth of cut (C) is determined by the distance from the bottom of the wheel to the tip of blade.)
- If deeper edging is required, first make a shallow cut, then, progressively make deeper cuts until the desired depth is reached.

2.After adjustment is made, tighten the wing nut securely and connect spark plug lead.

Service

Servicing Your Machine



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- Before performing any service or adjustment procedures, lay edger on a flat, bare surface, as shown above.

IMPORTANT: Avoid damage! Operating in extreme conditions may require more frequent service intervals:

- **Engine components may become dirty or plugged when operating in extreme heat, dust, or other severe conditions.**
- **Engine oil and spark plugs may lose efficiency if machine is operated constantly at slow or low engine speeds or run for short periods of time.**

Please use the following timetables to perform routine maintenance on your machine.

6-Hour Maintenance or Daily For Commercial Use

- Carefully inspect for any fuel leaks. Correct immediately.
- Remove all dust, dirt, and grass from the entire unit after each use.
- Check air filter. For proper performance and long life, keep air filter clean.
- Inspect the cutting attachment for wear or cracks, and replace if detected.

25-Hour Maintenance

- Grease the gear head. (See “Greasing the Gear Head - 25 Hour Interval.”)

50-Hour Maintenance or Once a Week For Commercial Use

- All items under 6-hour maintenance plus:
- Replace the spark plug. The recommended electrode gap is 0.7 mm (0.028 in.).
- Replace air filter.
- Check fuel filter in tank and replace if needed.
- A LEAKING FUEL CAP IS A FIRE HAZARD AND MUST BE REPLACED IMMEDIATELY.

The fuel cap contains a check valve. Clogged air passages will cause poor engine performance. If performance improves when the fuel cap is loosened, check valve may be faulty or air passages are clogged. Replace fuel cap if required.

- Clean out all dust and dirt from the cylinder fins.

Engine Warranty Maintenance Statement

Maintenance, repair, or replacement of the emission control devices and systems on this engine, which are being done at the customers expense, may be performed by any non-road engine repair establishment or individual. Warranty repairs must be performed by an authorized John Deere dealer.

Selecting and Mixing the Proper Fuel

This machine is powered by a 2-cycle engine and requires pre-mixing unleaded gasoline and 2-cycle engine oil. Premix the gasoline and engine oil thoroughly in a clean container approved for gasoline.

Use unleaded gasoline intended for automotive use with an octane rating of 87 or higher.

The engine on this model requires the use of John Deere Premium 2-Cycle Engine Oil. The engine was designed to reach its optimal performance output, maximum endurance, and minimum preventive maintenance by using this oil.

If John Deere Premium 2-Cycle Oil is not available at your dealership, use any brand of premium 2-cycle engine oil classified as grade ISO-L-EGD or JASO-FC.

Using any other oil will shorten the engine life and increase the required maintenance. The warranty might also be voided by using a lower quality oil.

Mix John Deere Premium 2-Cycle Engine Oil with gasoline according to the instructions on the package.

IMPORTANT: Avoid damage! Do not use automotive oil, 2-cycle outboard oil or any 2-cycle oil other than grade ISO-L-EGD or JASO-FC.

Do not use pre-mixed gasoline from fuel service stations intended for use in mopeds, motorcycles, etc.

NOTE: John Deere fuel mix contains a fuel stabilizer and will stay fresh up to 30 days. Do not mix quantities larger than usable in a 30-day period.

Fuel Mixture (50:1)

Gasoline	Oil
1 Gallon (US)	2.6 oz
1 Liter	20 cc (20 ml)
5 Liter	100 cc (100 ml)

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