

OPERATOR'S MANUAL MANUEL DEL OPERADOR

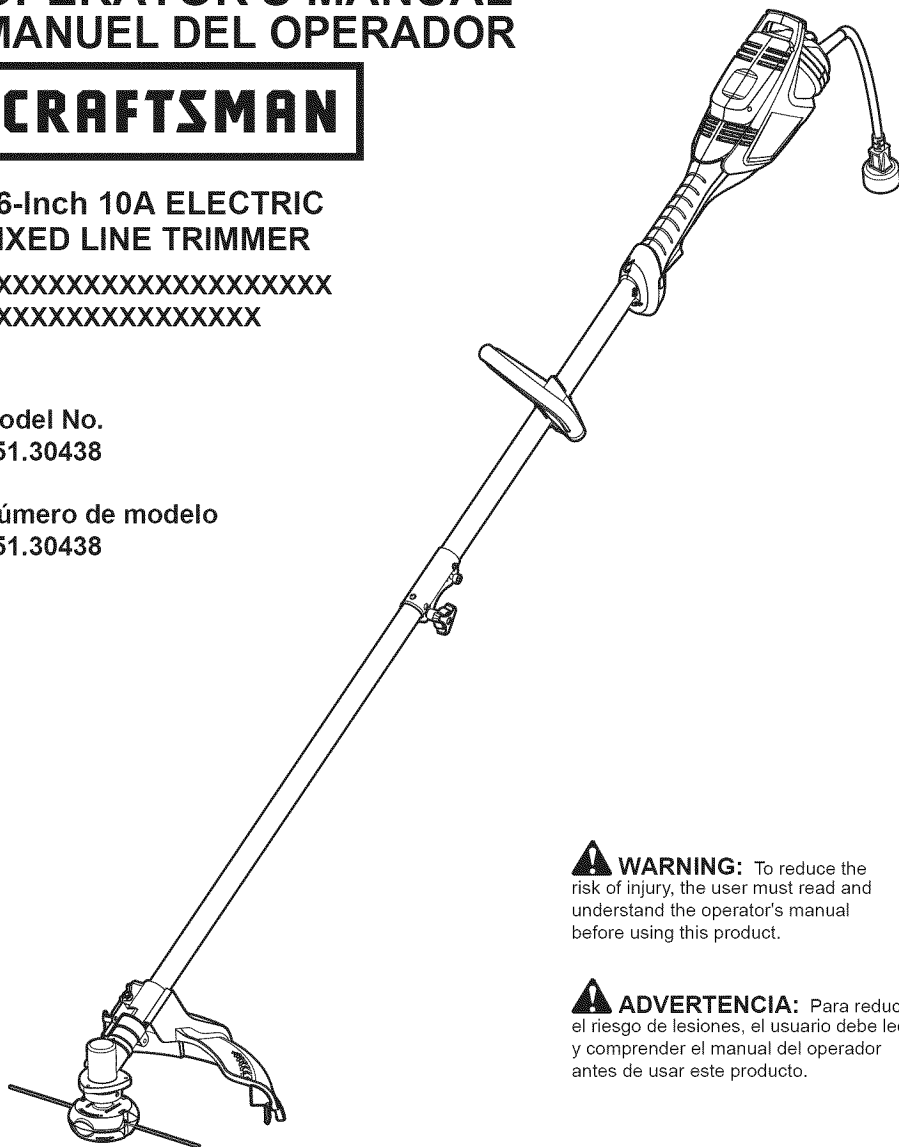


16-Inch 10A ELECTRIC
FIXED LINE TRIMMER

XXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXX

Model No.
151.30438

Número de modelo
151.30438



⚠ WARNING: To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

⚠ ADVERTENCIA: Para reducir el riesgo de lesiones, el usuario debe leer y comprender el manual del operador antes de usar este producto.

Sears Brands Management Corporation, Hoffman Estates, IL 60179 USA
Visit the Craftsman web page: www.craftsman.com
Visite el sitio web de Craftsman: www.craftsman.com

Save this manual for future reference
Guarde este manual para futuras consulta



IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS



IMPORTANT! When using electric gardening appliance, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. For your own safety and bystanders please read these instructions before operating the line trimmer. Do not use the line trimmer without reading the instruction sheet. Please keep the instructions safe for later use.

READ ALL INSTRUCTIONS

- This line trimmer is designed for cutting grass and similar soft vegetation and for trimming grass edges in private and hobby garden areas which are not accessible with a line trimmer.
- The device is not allowed to be used in public gardens, parks, sports centers or at roadsides as well as in agriculture and forestry.
- This line trimmer is not allowed to be used for cutting or chopping, otherwise, there is a risk of injury:
 - Hedges, shrubs and bushes,
 - Flowers,
 - In terms of composting.
- This line trimmer is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, stop using the unit. Take the unit to a qualified service dealer for inspection and possible repair using identical replacement parts.
- Wear protective glasses or goggles.
- Never allow children or people unfamiliar with the instructions to use the line trimmer.
- Stop using the line trimmer while people, especially children, or pets are nearby.
- Only use the line trimmer in daylight or good artificial light.
- Before using the line trimmer and after any impact, check for signs of wear or damage and repair as necessary.

- Never operate the line trimmer with damaged guards or without the guards in place.
- Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
- Take care against injury from any device fitted for trimming the filament line length. After extending new cutter line always return the line trimmer to its normal operating position before switching on.
- Never fit metal cutting elements.
- Never use replacement parts or accessories not provided or recommended by the manufacturer.
- Disconnect the line trimmer from the power supply before checking, cleaning or working on the line trimmer and when it is not in use.
- Always ensure that ventilation openings are kept clear of debris.

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR LINE TRIMMER

- Do not expose to moisture.
- Use only on AC mains supply voltage shown on the product rating label.
- Avoid operating your trimmer in wet grass, where feasible.
- Take care in wet grass, you may lose your footing.
- On slopes, be extra careful of your footing and wear nonslip footwear.
- Do not walk backwards when trimming, you could trip. Walk never run.
- Switch off before pushing the trimmer over surfaces other than grass.
- Never pick up or carry a trimmer by the power cord.
- Do not lean over the trimmer guard objects may be throw by the cutting line.
- Keep all nuts, bolts and screws tight to be sure the trimmer is in safe working condition.
- To avoid the risk of injury keep fingers and hands clear of the line cutter on the leading edge of the guard.
- Don't Force Appliance - It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed; Don't Overreach - Keep proper footing and balance at all times; Stay Alert - Watch what you are doing. Use common sense. Do not operate appliance when you are tired.

IMPORTANT SAFETY INSTRUCTIONS

MAINTENANCE

- After use, disconnect the machine from the mains and check for damage.
- When not in use store the machine out of the reach of children.
- Electric powered trimmers should only be repaired by a qualified service dealer using identical replacement parts.
- Use only identical replacement parts as listed in the Parts List of this manual.

The preparation for use, operation and maintenance of the appliance:

- Read the instructions carefully;
- Be familiar with the controls and proper use of the equipment;
- Before use check the supply and extension cord for signs of damage or ageing;
- If the cord becomes damaged during use, disconnect the cord from the power supply immediately;

DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.

- Do not use the lawn trimmer (edge trimmer), if the cords are damaged or worn.












WARNING!

- Cutting elements continue to rotate after the motor is switched off;
- Keep extension cords away from cutting elements;
- It is recommended that appliances should be supplied via a residual current device (RCD) with a tripping current of not more than 30mA.

SAVE THESE INSTRUCTIONS






SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
min	Minutes	Time
~	Alternating Current	Type of current
≡	Direct Current	Type or a characteristic of current
	Class II Construction	Double-insulated construction
	Safety Alert Symbol	Indicates a potential personal injury hazard.
	Read The Operator's Manual	To reduce the risk of injury user must read and understand operator's manual before using this product.
	Eye and Hearing Protection	Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with hearing protection.
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Keep Bystanders Away	Keep all bystanders at least 50 ft. away.
	Gloves	Wear non-slip, heavy-duty protective gloves when handling the hedge trimmer and the blade.
	Safety Footwear	Wear non-slip safety footwear when using this equipment.
	Electric Shock	Failure to use in dry conditions and to observe safe practices can result in electric shock.
	Long Hair	Failure to keep long hair away from the air inlet could result in personal injury.
	Loose Clothing	Failure to keep loose clothing from being drawn into air intake could result in personal injury.

SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.
	WARNING	To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the operator's manual. If you do not understand the warnings and instructions in the operator's manual, do not use this product. Call the Customer Care Hot Line for assistance at 1-888-331-4569.
		The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and, when needed, a full face shield. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

FEATURES

PRODUCT SPECIFICATIONS

Voltage.....	120V~ 60Hz
Current.....	10 AMP
Revolutions Per Minute	6650 rpm
Line Diameter	0.08 inch (2 mm)
Feed System	Fixed Line
Cutting Width.....	16 inch
Weight	TBD

NOTE: Always use .080" (2mm) round trimmer monofilament line as replacement line. SEARS item # 71.85606

KNOW YOUR LINE TRIMMER

See Figure 1.

The safe use of this product requires an understanding of the information on the product and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

TRIMMER ATTACHMENTS

This trimmer comes equipped with a Fixed Line Trimmer Head attachment connected to the Power Head. However, the Fixed Line Trimmer Head can be removed, and the Power Head can be connected to most other Craftsman trimmer attachments.

Recommended CRAFTSMAN Attachments:

- 79242 145MPH Blower with 2 nozzles
- 79249 22" dual steel blade hedge trimmer
- 79241 Cultivator with 5 to 9 inch Tilling width
- 79246 8" pole saw with automatic oiler
- 79240 7.5" blade edger
- 79244 4 tip blade Brush Cutter with 8" steel blade
- 79254 Straight shaft Hassle Free head
- 79252 Curve shaft Dual-line bump head
- 79264 Extended Reach Trimmer

CORD RETAINER

A convenient cord retainer helps keep the extension cord connection secure during line trimmer operation.

AUXILIARY HANDLE

The line trimmer is equipped with a front handle assembly for ease of operation and to prevent loss of control.

SHOULDER STRAP

The shoulder strap helps the operator to carry the product.

FIXED LINE HEAD

This straight shaft trimmer is equipped with a fixed line trimmer head. Line is easily replaced with a simple push of a button.

ELECTRICAL INFORMATION

⚠ WARNING! To avoid electrical hazards, fire hazards, or damage to the tool, use proper circuit protection. Your line trimmer is wired at the factory for 120 v operation. Connect to a 120 v, 15 a circuit, and use a 15 a time-delayed fuse or circuit breaker. To avoid shock or fire, if the extension cord is worn, cut or damaged in any way, replace it immediately.

DOUBLE INSULATION

See Figure 2.

The line trimmer is double insulated to provide a double thickness of insulation between you and the tool's electrical system. All exposed metal parts are isolated from the internal metal motor components with protective insulation.

⚠ WARNING!

■ ALTHOUGH THIS TOOL IS DOUBLE INSULATED, THE EXTENSION CORD AND RECEPTACLE MUST STILL BE GROUNDED WHILE IN USE TO PROTECT THE OPERATOR FROM ELECTRICAL SHOCK.

■ DOUBLE INSULATION DOES NOT TAKE THE PLACE OF NORMAL SAFETY PRECAUTIONS WHEN OPERATING THIS LINE TRIMMER.

⚠ WARNING! TO AVOID ELECTROCUTION:

■ Use only identical replacement parts when servicing a tool with double insulation. Servicing should be performed by a qualified technician.

■ Do not use in wet or damp areas or expose to rain.

GROUNDED INSTRUCTIONS

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for electric current, and reduces the risk of electric shock. This tool is equipped with a POLARIZED plug. The plug **MUST** be plugged into a matching grounded extension cord in accordance with All local codes and ordinances. **DO NOT MODIFY THE PLUG PROVIDED.** If it will not fit the properly grounded extension cord, have the proper outlet installed by a qualified electrician.

⚠ CAUTION! ALWAYS MAKE SURE THAT YOUR OUTLET IS PROPERLY GROUNDED. IF UNCERTAIN, HAVE IT CHECKED BY A CERTIFIED ELECTRICIAN.

⚠ WARNING! THIS LINE TRIMMER IS FOR OUTDOOR USE ONLY. DO NOT EXPOSE TO RAIN OR USE IN DAMP LOCATIONS.

GUIDELINES FOR USING EXTENSION CORDS

USE THE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause overheating. The table below shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

Minimum Gauge for Extension Cords (AWG)

(when using 120V only)

Ampere Rating		Total Length of Cord in Feet (meters)			
More Than	Not More Than	25' (7.6 m)	50' (15.2 m)	100' (30.4 m)	150' (45.7 m)
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not recommended	

Make sure your extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified person before use. Keep extension cords away from sharp objects, excessive heat and damp or wet areas Use a separate electrical circuit for your tools. This circuit should comprise a wire of at least 12 gauge and should be protected with a 15 A time-delayed fuse. Before connecting the motor to the power line, make sure the

switch is in the OFF position and the electric current is identical to that stamped on the motor nameplate. Running at a lower voltage will damage the motor.

⚠ WARNING! ALTHOUGH THIS LINE TRIMMER IS DOUBLE INSULATED, THE EXTENSION CORD AND RECEPTACLE MUST STILL BE GROUNDED WHILE IN USE TO PROTECT THE OPERATOR FROM ELECTRICAL SHOCK.

ASSEMBLY

UNPACKING

This product requires assembly.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packaging material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, do not operate the trimmer. Return it for replacement to the retailer from which it was purchased.

PACKING LIST

Power Head

Line Trimmer Attachment

Safety Guard with Screws


Auxiliary Handle Assembly with Bolt and Wing Nut

Shoulder Strap

Spindle Lock Rod

Additional Pre-Cut Trimmer Line x10

Operator's Manual

 **WARNING!** Before assembly, make sure that the line trimmer is switched off and unplugged.

FITTING THE AUXILIARY HANDLE

See Figure 3-4.

- Loosen the wing nut from the auxiliary handle.
- Align the auxiliary handle with the power head shaft.
- Adjust the auxiliary handle to the most comfortable position.
- Insert the bolt in the hole on the auxiliary handle and tighten the wing nut securely.


NOTE: Auxiliary handle can be mounted from either side of the shaft to accommodate personal preference of use.

FITTING THE GUARD

See Figure 5-6.


NOTE: Install the safety guard before the attachment is connected to the power head.


- Remove the wing nut from the safety guard.
- Insert the tab on the mounting bracket into the slot on the safety guard.
- Align the screw hole in the mounting bracket with the screw hole in the safety guard.
- Insert the wing nut through the mounting bracket and into the safety guard.
- Tighten the wing nut securely.

 **WARNING!** The line cut-off blade on the safety guard is sharp. Avoid contact with the blade. Failure to avoid contact can result in serious personal injury. Never use the line trimmer unless the guard is properly fitted.

JOINING THE POWER HEAD TO THE LINE TRIMMER ATTACHMENT

See Figure 7-8.

 **WARNING!** Never attach or adjust the attachment while the power head is running. Failure to stop the motor may cause serious personal injury.

 **WARNING!** This electric power head is designed to be only used with the attachment models that are specified in this Operator's Manual. Use of other attachments could cause serious personal injuries or property damage.

- The line trimmer attachment connects to the power head by means of a coupler device
- Loosen the coupler tightening knob on the upper trimmer shaft.
- Push in the button on the line trimmer attachment shaft. Align button with positioning hole in coupler. Insert attachment shaft into coupler until button locks into positioning hole.

NOTE: If the button does not release completely in the positioning hole, the shafts are not locked into place. Slightly rotate from side to side until the button is locked into place. Use the same procedure described above to connect other trimmer attachments.

REMOVING ATTACHMENT FROM TRIMMER

For removing or changing the attachment:

- Stop the power head.
- Remove power cord from power head.
- Loosen the coupler tightening knob.
- Push in the button and twist the shafts to remove and separate them.

NOTE: DO NOT connect "79257-Power Broom" attachment onto trimmer.

SHOULDER STRAP

See Figure 9.

The shoulder strap helps the operator to carry the product.

- Attach the securing clip to the loop near the main handle.
- While standing in the operating position adjust the length to fit the operator's size.
- To remove the shoulder strap from the loop, open the securing clip.

OPERATION

⚠ WARNING! If any parts are damaged or missing, do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.

⚠ WARNING! Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

⚠ WARNING! Read and understand entire Operator's Manual for each optional attachment used on this power head and follow all warnings and instructions. Failure to follow all instructions may result in electric shock, fire and/or serious personal injury.

⚠ WARNING! Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury. Do not allow familiarity with product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

⚠ WARNING! Always wear eye protection with side shields marked to comply with ANSI Z87.1. Hearing and/or head protection may also be required depending on the type of attachment used and as prescribed in the attachment's Operator's Manual. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

APPLICATIONS

You may use this product for the purpose listed below:

- Trimming grass and weeds from around porches, fences and deck.

STARTING/STOP THE TRIMMER

See Figure 10-11.

- Attach the outlet end of an extension cord to the plug on the rear of the line trimmer.

NOTE: Use only approved outdoor extension cords.

- Route the extension cord through the slot located on the rear of the line trimmer housing and place underneath the cord retainer.

- To start the line trimmer, squeeze the safety switch, then press the switch trigger.

- To stop the line trimmer, release the switch trigger.

⚠ WARNING! Never attempt to lock the trigger lever in the on position. Do not use any attachments not recommended in this Operator's Manual. The use of attachments or accessories not recommended can result in serious personal injury.

OPERATING THE TRIMMER

See Figure 12.

- Hold the line trimmer as shown. Keep a firm grip with both hands while in operation. Trimmer should be held at a comfortable position with rear handle about hip height.

- Gently swing the trimmer from right side to left side.

- In order to achieve optimum cutting results, only cut dry grass.

- When cutting thick or long grass, start at the top of the grass blades and gradually work down to the bottom.

- If the line trimmer starts running slowly, reduce the amount of material you are trying to cut.

IF GRASS BECOMES WRAPPED AROUND LINE HEAD SHAFT:

- Stop trimmer.
- Unplug the line trimmer.
- Remove the grass.

IF TRIMMING EFFICIENCY DIMINISHES

- Replace the line when trimming efficiency diminishes. This will maintain best performance.

CUTTING TIPS

See Figure 13.

- Avoid hot trimmer surfaces by always keeping the tool away from your body.

- Keep the trimmer tilted toward the area being cut; this is the best cutting area.

- Swing the trimmer head from right to left when trimming. This path will avoid throwing debris at the operator.

- Use the tip of line to do the cutting, do not force line head into uncut grass.


- Wire and picket fences cause extra line wear and breakage. Stone and brick walls, curbs and wood may wear line rapidly.

- Avoid trees and shrubs. Tree bark, wood moldings and fence posts can easily be damaged by the line.


⚠ WARNING! Before inspecting, cleaning or servicing the machine remove power cord. Failure to follow these instructions can result in serious personal injury or property damage.

CARE AND MAINTENANCE

Your line trimmer has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

 **WARNING!** Before performing any maintenance, switch off and unplug the tool.

- Regularly clean the ventilation slot in your line trimmer using a soft brush or dry cloth.
- Regularly clean the cutting line and trimmer head using a soft brush or dry cloth.
- Regularly use a blunt scraper to remove grass and dirt from the underside of the safety guard.

 **WARNING!** When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

REPLACING THE TRIMMER HEAD

See *Figure 14*.


- Lay the product on a flat stable surface with the trimming head facing upward.
- Rotate the backing flange until one of the notches is aligned with the hole in the gear head.
- Insert the spindle lock rod into the hole to lock the spindle.
- Unscrew the trimmer head clockwise to remove.

LINE REPLACEMENT

See *Figure 15*.

- Unplug the line trimmer.
- Press and hold the release button [A] on the trimmer head housing. The trimming line [C] can be replaced while the button is pressed.
- After inserting new trimming line [C], make sure that it sticks out evenly from both sides of the trimmer head.

NOTE: Always use .080" (2mm) round trimmer monofilament line as replacement line. SEARS item # 71.85606.

 **WARNING!** Only use the appropriate type of cutting line.

STORING THE TRIMMER

- Clean all foreign material from the trimmer.
- Store it in a place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and de-icing salts.

TROUBLESHOOTING

If your line trimmer does not seem to operate properly, first consult the Troubleshooting Table below.

If the solution to your trimmer problem is not found in the Troubleshooting information, take the trimmer to a qualified service dealer for inspection and possible repair.

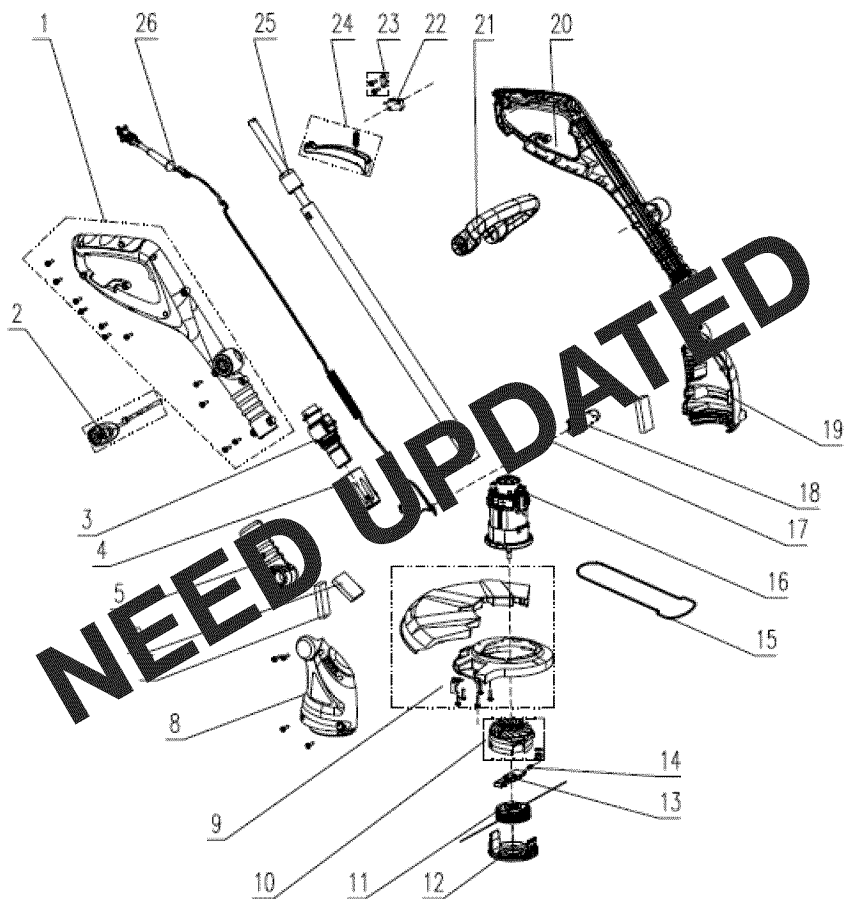
 **WARNING!** Before proceeding, switch off and unplug.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Grass wraps around drive shaft housing and trimmer head.	1. Cutting tall grass at ground level.	1. Cut tall grass from the top down to prevent wrapping.
Motor fails to start when switch trigger is depressed.	1. Power cord is not plugged in or connection is loose.	1. Plug in the power cord.
	2. Household circuit breaker is tripped.	2. Check circuit breaker.
	3. Extension cord may be faulty.	3. Try another extension cord or connect into another wall receptacle socket on a different circuit.
Trimming efficiency diminishes.	1. Not enough line.	1. Replace the line.

CRAFTSMAN 16-inch LINE TRIMMER – MODEL NUMBER 151.30438

The model number will be found on a label attached to the motor housing.

TO PURCHASE REPLACEMENT PARTS, CALL 1-888-331-4569



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ITEM NO.	PART NO.	DESCRIPTION	QTY
1	GT13FM.A0.01	Right Handle Assembly	1
2	GT01FM.12.00	Knob Assembly	1
3	GE50DC.10.50	Circumvolve Control Assembly	1
4	GT01FM.20.05	Locking Knob	1
5	GT02FM.00.04	Connector Of Left And Right Shell	1
6	GT01FM.00.15	Filter 2	2
7	GT01FM.00.14	Filter 1	2
8	GT02FM.A0.05	Right Motor Shell Assembly	1
9	GT15FM.A0.03	Safety Guard Assembly	1
10	GT15FM.A0.04	Spool Assembly	1
11	GT15FM.20.20	Spool Line	1
12	GT15FM.20.01	Spool Cover	1
13	GT15FM.20.03	Spool Lock	1
14	TOTHYY.03.05	Spring	1
15	GT03FM.10.04	Flower Guard	1
16	GT0650.00.00	Motor Assembly	1
17	TOTHYY.03.12	Pressed Spring	1
18	GT02FM.00.06	Bushing Button	1
19	GT02FM.00.07	Left Motor Shell	1
20	GT13FM.10.30	Left Handle	1
21	GF01BL.10.11	Assistant Handle Assembly	1
22	WODQ10.03.06	Switch	1
23	TOQTGX.A0.01	Impacted Plate Assembly	1
24	GT01FM.A0.02	Switch Button	1
25	GT12FM.A0.02	Aluminum Tube Assembly	1
26	TODXD1.A0.16	Wire Plug Assembly	1

CRAFTSMAN®

Product questions or problems?

1-888-331-4569

Customer Care Hot Line

**Get answers to questions, troubleshoot problems,
order parts, or schedule repair service.**

Para respuestas a preguntas o problemas, y ordenar
piezas o pedir servicio para la reparación de su equipo.

To help us help you, register your product at www.craftsman.com/registration

Para poderte ayudar mejor, registra tu producto en www.craftsman.com/registration

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