



Quick Start Guide

SRM-225i, SRM-2120, SRM-2620/T, SRM-3020/T, SRM3020U, GT-225
Trimmer / Brushcutter

INTRODUCTION:


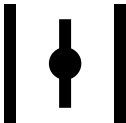













This ECHO Quick Start Guide is designed to provide you with details about safety warning symbols, necessary assembly steps, and operational instructions to use your product without delay. Refer to online Operator's Manual for additional information.



For Operator's Manual, additional literature including safety manual, or a copy of the product warranty scan QR code, visit www.echo-usa.com/manuals, or call 1-800-432-ECHO (3246). Before calling or accessing the website, know the model and serial number of your unit.

Products sold in Canada comply with CAN ICES-2 / NMB-2.

INTERNATIONAL SAFETY SYMBOLS

Symbols	Description	Symbols	Description	Symbols	Description
	Warning, See Operator's Manual		Choke Control "RUN" Position (Choke Open)		Rotating Cutting Attachment
	Wear Eye, Ear and Head Protection		Choke Control "COLD START" Position (Choke Closed)		Direction of Blade
	Wear Hand and Foot Protection		Keep Feet Away From Blade		DO NOT Allow Flames or Sparks Near Fuel
	Safety / Alert		Thrown Objects		Fuel and Oil Mixture
	Do Not Smoke Near Fuel			Keep Bystanders and Helpers Away 15 m (50 ft.)	
	Hot Surface				



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MANUAL SAFETY SYMBOLS AND IMPORTANT INFORMATION

Throughout this manual and on the product itself, you will find safety alerts and helpful, informational messages preceded by symbols or key words. The following is an explanation of those symbols and key words and what they mean to you.

DANGER

The safety alert symbol accompanied by the word “DANGER” calls attention to an act or condition which will lead to serious personal injury or death if not avoided.

WARNING

The safety alert symbol accompanied by the word “WARNING” calls attention to an act or condition which can lead to serious personal injury or death if not avoided.

NOTICE

The “NOTICE” message provides information necessary for the protection of the unit.

Note: This “NOTICE” message provides tips for use, care and maintenance of the unit.

GENERAL SAFETY REQUIREMENTS

Read and understand all provided literature before use. Failure to do so could result in serious injury. Additional operating instructions are available from your Authorized ECHO Dealer.

WARNING

- Operating a poorly maintained unit can result in serious injuries to operator or bystanders. Always follow all maintenance instructions as written, otherwise serious personal injury can result.
- Use only approved attachments. Serious injury can result from the use of a non-approved attachment combination.
- Do not attempt to modify this product. Serious injury can result from the use of any modified product.
- Do not operate this unit when tired, ill, or under the influence of alcohol, drugs, or medication. Serious injury can result from the use of this product in an impaired state.
- Moving parts can amputate fingers or cause severe injuries. Keep hands, clothing and loose objects away from all openings. Always stop engine, disconnect spark plug, and make sure all moving parts have come to a complete stop before removing obstructions, clearing debris, or servicing unit.
- Eye protection that meets ANSI Z87.1 or CE requirements must be worn whenever you operate the unit.
- Operators who are sensitive to dust or other common airborne allergens may need to wear a dust mask to prevent inhaling these materials while operating unit. Dust masks can provide protection against dust, plant debris, and other plant matter such as pollen. Make sure the mask does not impair your vision, and replace the mask as needed to prevent air restrictions.

USE THE CORRECT PERSONAL PROTECTION

WARNING

ALWAYS WEAR	NEVER WEAR
Hearing Protection	Loose Clothing
Eye Protection	Jewelry
Heavy, Long Pants	Short Pants, Short Sleeve Shirt
Boots	Sandals
Gloves	Bare Feet
Long Sleeve Shirt	Long Hair Below Shoulders

Before Each Use:

- Inspect for damaged parts.
- Loose or missing fasteners.
- Inspect cutting attachment for damage (cracked, chipped, etc.).
- Verify cutting attachment is securely fastened.
- Verify debris shield is correct for cutting attachment and secured according to the Operator's Manual.
- Inspect for fuel leaks from any point of the fuel system (tank to carburetor).
- Only use ECHO recommended flexible non-metallic line in the trimmer head.

PROPER OPERATING POSITION

WARNING

- Echo recommends using a shoulder / waist harness for all trimmer / brushcutter use, not just blade operation.
- Keep a firm grip on both handles.
- Be sure front handle is installed according to assembly instructions in the Operator's Manual.
- For barrier bar or u-handle, follow instructions supplied with either blade conversion kit or U-handle kit.
- Keep firm footing and balance.
- Do not over-reach.
- Keep cutting attachment below waist.
- Keep all body parts away from rotating cutting attachment and hot surfaces.



WARNING

If the cutting attachment moves at idle please adjust according to the Carburetor Adjustment section in the Operator's Manual.

EXHAUST GASES

WARNING

Do not operate this product indoors or in inadequately ventilated areas. Engine exhaust contains poisonous emissions and can cause serious injury or death.

FUEL HANDLING

DANGER

- Fuel is flammable. Use care when mixing, storing or handling, or serious personal injury can result.
- Mix and pour fuel outdoors where there are no sparks and flames.
- Slowly remove the fuel cap only after stopping the engine.
- Do not smoke while fueling or mixing fuel.
- Wipe spilled fuel from the unit.
- Move at least 3 m (10 ft) away from the fueling source and site before starting engine.

WORK AREA

- Review the area to be cleared. Remove potential hazards such as rocks, broken glass, nails, wire, or metal objects, which can be thrown.
- Clear the area of children, bystanders and pets.
- At a minimum, keep all children, bystanders and pets outside a 15 m (50 ft) radius.
- Outside the 15 m (50 ft) zone, there is still a risk of injury from thrown objects.
- Bystanders should be encouraged to wear eye protection.
- Avoid blowing debris towards people, pets, open windows, or vehicles when using unit.
- If you are approached, stop the engine and cutting attachment.
- When a bladed unit is used, there is the added risk of injury to bystanders being struck with the moving blade in the event of a blade thrust or other unexpected reaction of the blade.



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HANDLE ASSEMBLY

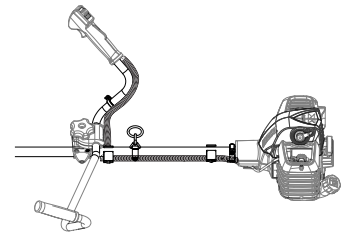
SRM-225i, SRM-2120, SRM2620/T, SRM-3020/T	GT-225	SRM-3020U
X Label shows minimum spacing for support handle location.		CABLE ROUTING

Fuel Requirements

Gasoline/Oil Ratio 50:1

Gasoline - Use fresh (purchased within the last 30 days from the pump) 89 Octane [R+M/2] (mid grade or higher) gasoline known to be good quality. Gasoline may contain up to 10% Ethanol (grain alcohol) or 15% MTBE (methyl tertiary-butyl ether). Gasoline containing methanol (wood alcohol) is not approved. Use of ECHO branded fuel is recommended to extend engine life in all air-cooled two-stroke and two or four-stroke hybrid engines.

Two-Stroke Oil - A two-stroke engine oil, such as ECHO branded two-stroke oils, meeting ISO-L-EGD (ISO/CD 13738) and J.A.S.O. FD Standards must be used. ECHO branded two-stroke oils meet these standards. Engine problems due to inadequate lubrication caused by failure to use an ISO-L-EGD (ISO/CD 13738) and J.A.S.O. M345-FD certified oil will void the two-stroke engine warranty.



COLD START

A

B

C

D

E

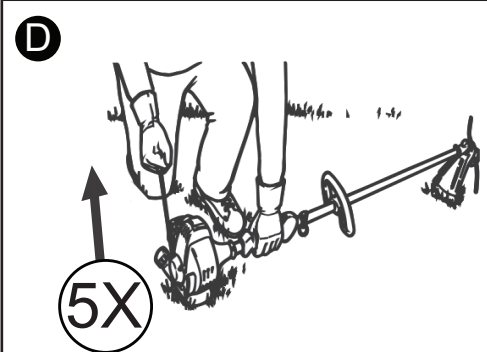
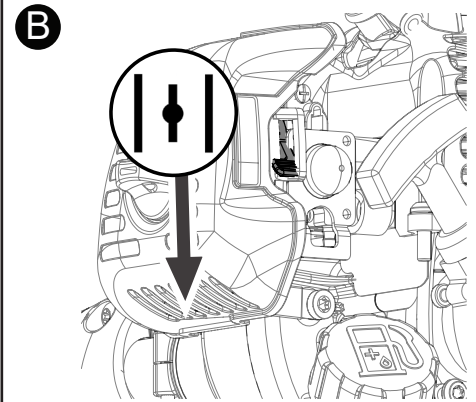
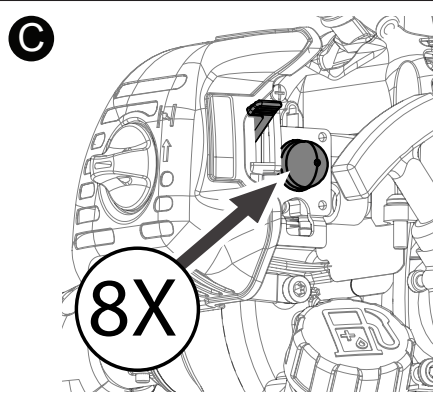
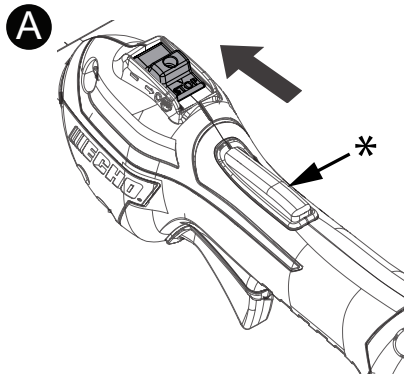
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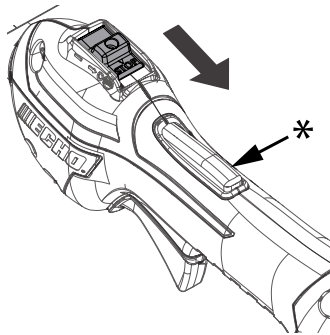
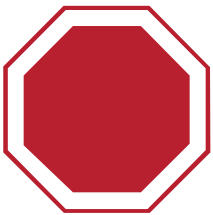
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WARM START

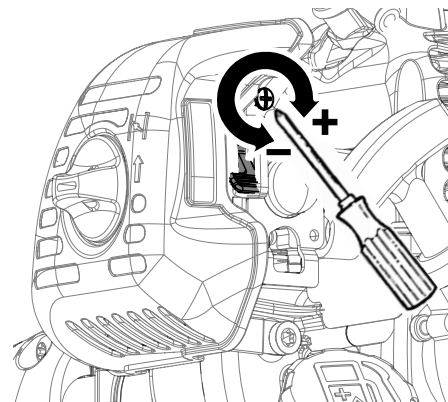


STOP ENGINE



*- If equipped with throttle trigger lockout.

IDLE SPEED ADJUSTMENT





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MAINTENANCE INTERVALS

See Operator's Manual for procedures.

Daily Or Before Use	
Air Filter, Choke Shutter	Inspect-Clean*
Recoil Starter Rope	Inspect-Clean*
Cooling System	Inspect-Clean*
Screws, Nuts, Bolts	Inspect-Tighten-Replace*
3 Months	
Air Filter	Replace*
Fuel Filter, Fuel Cap Gasket	Inspect*
Spark Plug, Muffler Spark Arrestor	Inspect-Tighten-Replace*
Drive Shaft (Flex Cable Models)	Apply lithium based grease every 25 hours of use.
Gear Housing (Some Models)	Apply lithium based grease every 50 hours of use.
Muffler Spark Arrestor	Inspect-Clean*
Yearly	
Fuel Filter	Inspect-Clean*
NOTE - Time intervals shown are maximum. Actual use and your experience will determine the frequency of required maintenance. * Replacement is recommended based on the finding of damage or wear during inspection.	

TRANSPORTATION

WARNING

- **Metal blades are very sharp and can cause severe injuries, even if unit is off and blades are not moving. Avoid contact with blades. Wear gloves to protect hands.**
- **Secure the unit to prevent fuel spillage, and damage to the unit.**

SHORT TERM STORAGE

DANGER

Fuel fumes can accumulate and explode if exposed to an open flame or spark.

- Shut engine off
- Store unit in a dry, dust free place, out of the reach of children.
- Store in a well-ventilated area.

LONG-TERM STORAGE (OVER 30 DAYS)

See Operator's Manual for procedures.

OPERATION

WARNING

Read and understand all provided literature before use. Failure to do so could result in serious injury.

CUTTING TECHNIQUE

- Nylon line heads may be used for trimming, scything, edging, scalping grass and light weeds.

- GT models: Tilt cutting head to the left while cutting to direct debris away from the operator.
- Direction of rotation (R).



- SRM models: Tilt cutting head to the right while cutting to direct debris away from the operator.
- Direction of rotation (R).



- Either model: To scythe swing the cutting head in a level arc feeding the line into the material to be cut.





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WARNING

- **The cutting attachment will continue to rotate even after the throttle is released, maintain control of the unit until it has come to a complete stop.**
- **Avoid contact with blades. Wear gloves to protect hands when handling or maintaining blades. Metal blades are very sharp and can cause severe injuries, even if engine is off and blades are not moving.**
- **Blade thrust may occur when the spinning blade contacts an object that it does not immediately cut. Following proper cutting techniques will prevent blade thrust.**
- **Blade thrust can be violent enough to cause the unit and/or operator to be propelled in any direction, and possibly cause operator to lose control of the unit.**
- **Blade thrust can occur without warning if the blade snags, stalls or binds.**
- **Blade thrust is more likely to occur in areas where it is difficult to see the material to be cut.**
- **Blade must be matched with material to be cut.**

Recommended product configurations based on material to be cut:

Material to be Cut	Grass (SRM & GT)	Weed/Grass (SRM & GT)	Weed/Grass (SRM)	Brush (<0.5") (SRM)	Clearing (<2.5") (SRM)
Cutting Attachment	Nylon linehead included	Maxi-Cut head, Pro Maxi-Cut head	3 Tooth Blade 8 Tooth Blade	80 Tooth Blade	22 Tooth Blade
Shield	Shield Included	Included with unit	Included with unit	Included with Blade	Included with Blade
Handle	Handle Included	U-Handle* or Support Handle w/ Barrier Bar	U-Handle* or Support Handle w/ Barrier Bar	U-Handle* or Support Handle w/ Barrier Bar	U-Handle* or Support Handle w/ Barrier Bar
Harness	Not Required	Not Required	Supplied w/Kit	Supplied w/Kit	Supplied w/Kit

*ANSI standards require brushcutters be equipped with a barrier bar or restrictive harness. U-Handle ensures a higher safety factor.

WARNING

- **Blades cannot be used on GT models.**
- **Use only ECHO approved parts. Failure to use the correct parts can cause the blade to fly off. Seriously injury to the operator and / or bystanders can occur.**

BEFORE EACH USE WHEN USING A BLADE

- Verify handles are installed according to the Operator's Manual.
- Verify blade is secured properly based on instructions with blade conversion kit.
- Discard blades that are bent, warped, cracked, broken, or damaged in any way.
- Use a sharp blade, dull blades are more likely to snag and thrust.

SHARPENING METAL BLADES

See Operator's Manual for procedures.

CARB AND EPA EMISSIONS CONTROL INFORMATION

The emission control system for the engine is EM (engine modification) and, if the second to last character of the Engine Family on the Emission Control Information label (see example) is "B", "C", "K", or "T", the emission control system is EM and TWC (3-way catalyst). The fuel tank/fuel line emission control system is EVAP (evaporative emissions). Evaporative emissions for California models are only applicable to fuel tanks and fuel feed lines.



An **Emission Control Label** is located on the engine. (This is an example only, information on label varies by engine family).

PRODUCT EMISSION DURABILITY (EMISSION COMPLIANCE PERIOD).

The 50 or 300 hour emission compliance period is the time span selected by the manufacturer certifying the engine emissions output meets applicable emissions regulations, provided that approved maintenance procedures are followed as listed in the Maintenance Section of this manual.

SERVICE

- Service of this product during the warranty period must be performed by an Authorized ECHO Service Dealer. For the name and address of the Authorized ECHO Service Dealer nearest you, ask your retailer or call 1-800-432-ECHO (3246). Dealer information is also available on our website www.echo-usa.com. When presenting your unit for Warranty service/repairs, proof of purchase is required.

WARNING

Cancer and Reproductive Harm.

www.P65Warnings.ca.gov

Note: This product complies with CAN ICES-2/NMB-2.

PRODUCT REGISTRATION

To register your product, visit www.echo-usa.com.