

ECHO® Quick Start Guide PB-2520 / PB-2620 Handheld Blower

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		Finger Sever		STOP Switch
	Wear Eye, Ear and Head Protection		Do not Allow Flames or Sparks Near Fuel		Fuel and Oil Mixture
	Wear Hand and Foot Protection		Do not Smoke Near Fuel		Fast Speed
	Safety / Alert	H	Carburetor Adjustment - High Speed Mixture		Purge Bulb
	Hot Surface	T	Carburetor Adjustment - Idle Speed	Ignition 	Ignition ON / OFF
	Idle Speed	L	Carburetor Adjustment - Low Speed Mixture		Choke Control "COLD START" Position (Choke Closed)
			Beware of thrown objects		Choke Control "RUN" Position (Choke Open)
			Keep Bystanders and Helpers Away 15 m (50 ft.)		Wear Slip Resistant Footwear

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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.
- This blower should be used for clearing leaves, grass, and dust in yards, gardens, driveways, and parking lots only.

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:

- Inspect for damaged parts.
- Loose or missing fasteners.
- Guards are installed correctly.
- Inspect for fuel leaks from any point of the fuel system (tank to carburetor).

OPERATING RECOMMENDATIONS

WARNING

- Keep a firm grip on all handles.
- Keep firm footing and balance.
- Do not over-reach.
- Keep all body parts away from hot surfaces.
- Do not operate from ladders, maintaining balance will be difficult and could result in serious injury.
- Read and understand all provided literature before use. Failure to do so could result in serious injury.
- Operate power equipment only at reasonable hours--not early in the morning or late at night when people might be disturbed. Comply with times listed in local ordinances.
- To reduce sound levels, limit the number of pieces of equipment used at any one time.
- Operate blowers at the lowest possible engine speed to do the job.
- Use rakes and brooms to loosen debris before blowing.
- In dusty conditions, slightly dampen surfaces or use mister attachment when water is available.
- Conserve water by using blowers instead of hoses for many lawn and garden applications, including areas such as gutters, screens, patios, grills, porches, and gardens.
- Avoid blowing debris towards people, pets, open windows, or cars when using unit.
- Use the full blower nozzle extension when blowing.
- After using blowers and other equipment, clean up, and dispose of debris in trash receptacles.

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

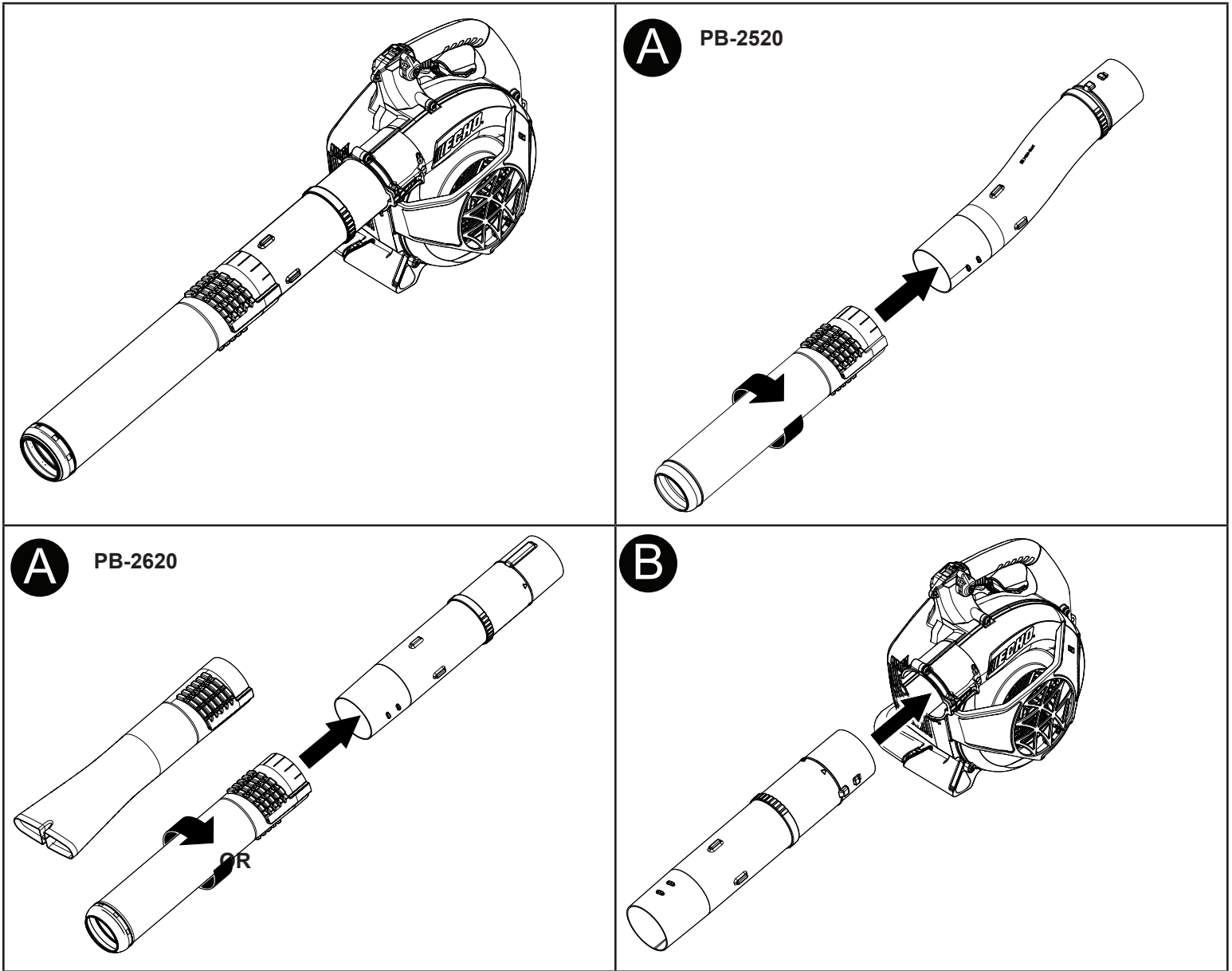
- Fuel is flammable. Use care when mixing, storing or handling, or serious personal injury can result.
- Mix and pour fuel outdoors where there are no sparks and flames.
- Slowly remove the fuel cap only after stopping the engine.
- Do not smoke while fueling or mixing fuel.
- Wipe spilled fuel from 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 15m (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.

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ASSEMBLY



Note: Align tabs on tube with slot on unit. Insert until "CLICK" is heard.


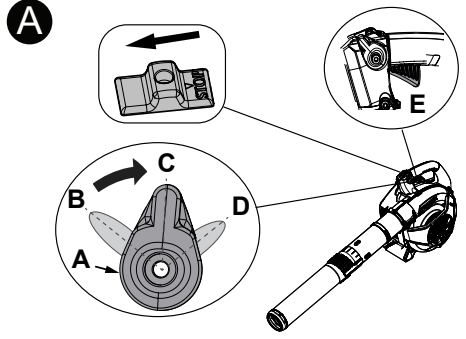
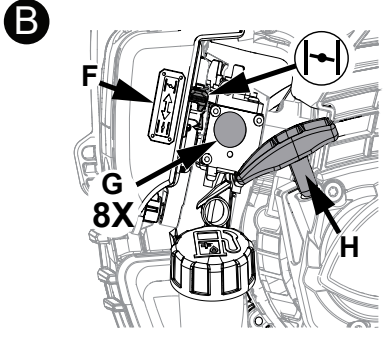
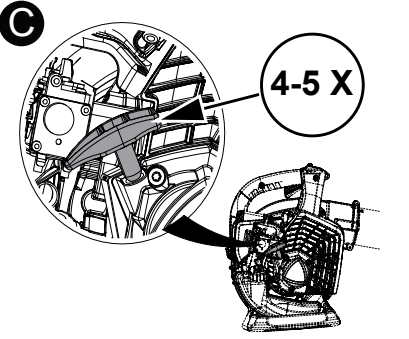


FUEL REQUIREMENTS

Gasoline/Oil Ratio 50:1


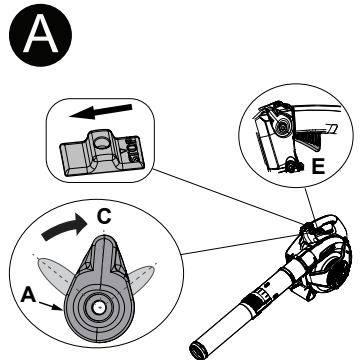
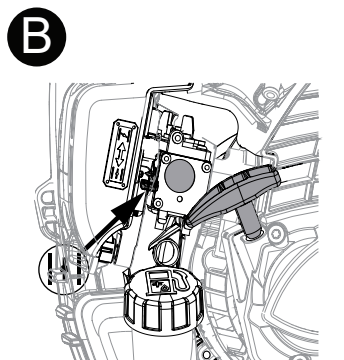
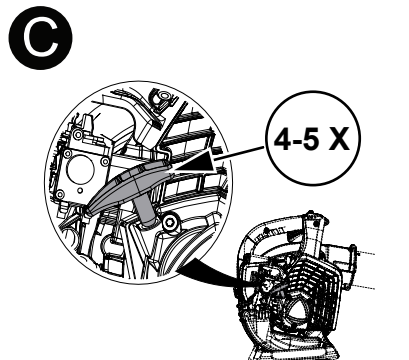
Gasoline - Use fresh (purchased within the last 30 days from the pump) 89 Octane [R+M/2] (mid grade or higher) gasoline known to be good quality. Gasoline may contain up to 10% Ethanol (grain alcohol) or 15% MTBE (methyl tertiary-butyl ether). Gasoline containing methanol (wood alcohol) is not approved. 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.

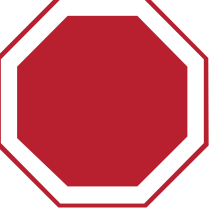
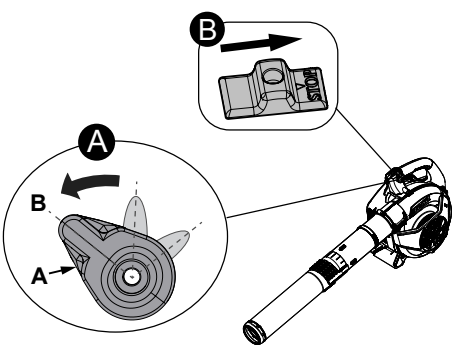
COLD START

			
	<p>A - Throttle Position Lever. B - Idle. C - Starting. D - Wide Open Throttle. E - Throttle Trigger. F - Choke Lever. G - Purge. H - Recoil Starter.</p>	<p>Note: After engine starts, move Choke Lever (F) to RUN  position, and Throttle Position Lever (A) to Idle position (B). Allow engine to warm up at idle for 3 minutes before use. After warm up, gradually increase engine RPM to operating speed using the Throttle Trigger (E).</p> <p>Note: If after 5 pulls, the engine does not start, move Choke Lever (F) to RUN  position, push Purge (G) 8 times, and repeat step C.</p>	

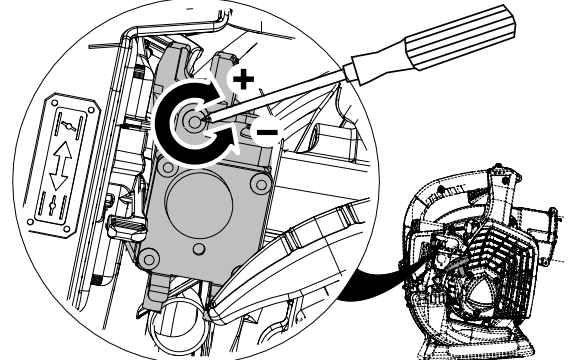
WARM START

			
	<p>Note: If after 5 pulls the engine does not start, perform Cold Start procedure.</p>		

STOP ENGINE

	
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IDLE SPEED ADJUSTMENT

<p>3000 RPM</p>	
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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*
Muffler Spark Arrestor	Inspect-Clean*
Yearly	
Fuel Filter	Inspect-Clean*
<p>Note: Time intervals shown are maximum. Actual use and your experience will determine the frequency of required maintenance.</p> <p>* Replacement is recommended based on the finding of damage or wear during inspection.</p>	

TRANSPORTATION

! WARNING

- *During operation the muffler or catalytic muffler and surrounding cover become hot. Always keep exhaust area clear of flammable debris during transportation or when storing, otherwise serious property damage or personal injury may result.*
- *Always secure the unit during transportation to prevent turnover, 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.

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.