



CORDLESS LINE TRIMMER

USER MANUAL

[Revision 2.0 July 2016]

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

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SAFETY

WARNING! When using the machine the safety rules must be followed. For your own safety and that of bystanders please read these instructions before operating the machine. Please keep the instructions safe for later use.

GRASS TRIMMER SAFETY

- Wear safety goggles when operating this tool.
- Wear gloves when operating this tool.
- Do not expose the tool to rain or high humidity.
- Be familiar with the controls and proper use of trimmer;
- Never allow children or people unfamiliar with the instructions to use the trimmer.
- Keep children, other people and pets away from the trimmer; the grass which is cut and dispersed may contain stones and debris. Stop using the trimmer while people, especially children, or pets are nearby.
- Do not let other people or animals come within 15 feet of the trimmer when in use.
- Only use the trimmer in daylight or good artificial light.
- Before using the trimmer and after any impact, check for signs of wear or damage and repair as necessary; do not use the trimmer if the cutting device is not secured properly or is damaged.
- Always check the good working order of the trimmer which, if not adequate, could endanger the user.
- Always use the guards when using the grass trimmer.
- Do not use the trimmer if the guards are damaged.
- Before starting the trimmer, make sure that the nylon line is not touching stones or debris.
- Keep hands and feet away from the cutting area at all times and especially when switching on the motor.
- Guard against injury from the cutting blade fitted for trimming the filament line length. After extending new cutting line always return the trimmer to its normal operating position before switching on.
- Do not use metal cutting elements.
- Do not use replacement parts or accessories not provided or not recommended by the manufacturer.
- Remove the battery before checking, cleaning or working on the trimmer and when it is not in use.
- Always ensure that ventilation openings are kept clear of debris.
- To avoid unintentional starting, do not carry the machine with a finger on the on/off switch.
- Remain in a stable and secure position while operating the trimmer.
- Keep the area being cut free from wires, stones and debris.
- Do not cut against hard objects. This could cause injury or damage the trimmer.
- **WARNING!** Cutting elements continue to rotate after the motor is switched off.
- Do not try stop the cutting device (nylon line) with your hands. Always let it come to a stop by itself.
- Do not use the trimmer to cut grass which is not in contact with the ground; for example do not cut grass which is on walls or rocks etc.
- Do not cross roads or gravel paths with the trimmer still running.

BATTERY SAFETY

- Never attempt to open for any reason.
- Do not expose to water.
- Do not incinerate the battery pack even if it is severely damaged or is completely worn out. The battery pack can explode in a fire.
- Do not store in locations where the temperature may exceed 40°C.
- Do not leave the battery pack in the charger when the charging is finished, otherwise battery leakage may occur.
- Charge only at room temperature.
- Charge only using the charger provided with the tool.
- Before charging, make sure that the battery is dry and clean.
- Use only the correct type of battery for the tool.
- When dispose of batteries follow the instructions given in the section "protecting the environment".
- Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
 - Carefully wipe the liquid off using a cloth. Avoid skin contact.
 - In case of skin or eye contact, follow the instructions below.
 - The battery fluid, a 25-30% solution of potassium hydroxide, can be harmful. In case of skin contact, immediately rinse with water. Neutralise with a mild acid such as lemon juice or vinegar. In case of eye contact, rinse abundantly with clean water for at least 10 minutes. Consult a physician.

NOTE: The batteries in your battery pack are the Lithium-Ion type. Do not dispose of battery packs/batteries into household waste, fire or water. Battery packs/batteries should be collected, recycled or disposed of in an environmental-friendly manner.

CHARGER SAFETY

- **The Charger's plug must match the outlet. Never modify the plug in any way.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- Use your charger only to charge batteries of the type supplied with your tool. Other batteries could burst, causing personal injury and damage.
- Only 2 battery packs are allowed to be charged continuously in order to prevent overheating of charger, necessary rest time is required to let the charger cool down before further charging.
- When charging is finished, unplug the charger from mains socket outlet and take away the battery pack from the charger, do not leave the battery pack in the charger.
- Never carry the charger by its cord or pull the cord to disconnect from the socket. Keep the cord away from heat, oil and sharp edges.
- Never attempt to charge non-rechargeable batteries.
- The cord of charger is not changeable, do not continue to use if the cord is damaged.
- Do not expose to water or rain, do not use in wet conditions.
- Do not open the charger.
- Do not probe the charger.
- The charger is intended for indoor use only.

SET-UP

GUARD INSTALLATION

1. Remove two screws from the motor housing.
2. Slide guard over motor housing (FIG. 1).
3. Re-insert two screws into the guard and tighten (FIG. 2).

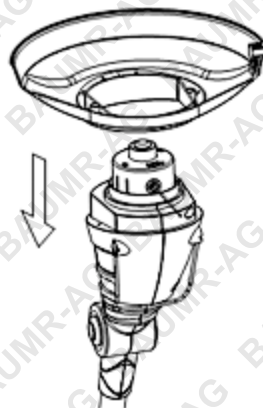


FIG. 1

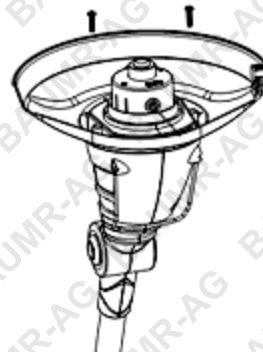


FIG. 2

ATTACH ADJUSTABLE HANDLE

Refer to FIG. 3.

1. Turn the handle knob and Draw out the bolt from the adjustable handle.
2. Insert the adjustable handle in the machine handle.
3. Insert the bolt and handle knob, then turn the handle knob lightly tighten.
4. Before tightening completely, turn the adjustable handle in desired angle. When adjustable handle is in desired angle, tighten the handle knob securely.

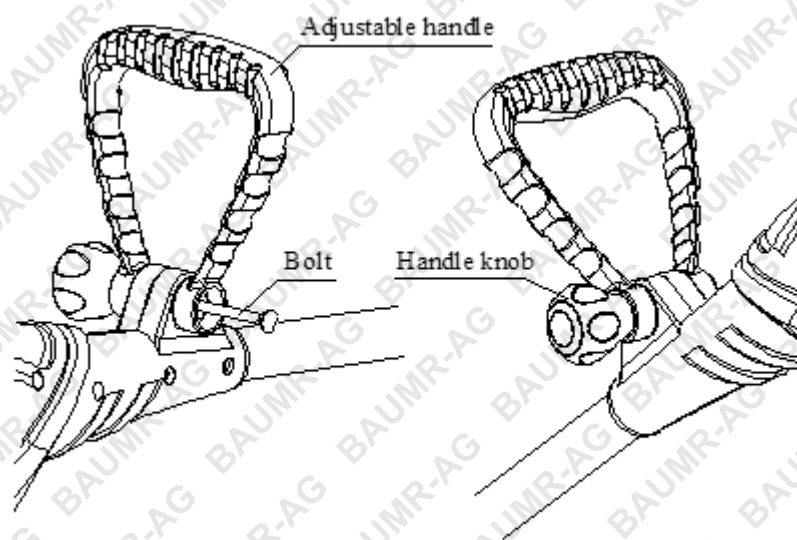


FIG. 3

OPERATION



It is important you read and understand the instruction manual before first use and keep the manual in a safe place for future reference.



Safety precautions must be observed to reduce the risk of personal injury when operating this machine.



DANGER! Keep clear of power lines, contact can cause death.



It is strongly recommended that a comprehensive training course on machine use, fuel handling safety and engine operation be completed before attempting to use this machine.



Never allow children to access the machine.



Always wear ear protection. Loud noises for an extended period of time may damage your hearing.



Total face and head protection must be worn to reduce injury from falling branches.



Wear no-slip heavy duty work gloves to improve your grip on the saw handle. Gloves also reduce the transmission of machine vibration to your hands.



The dust produced during operation may be dangerous to health. If the work area is very dusty or smoky, wear a respirator.

INTENDED USE

- Your grass trimmer has been designed for trimming grass. Do not use for any other purpose. This tool is intended for domestic use only.
- Your charger has been designed for charging batteries of the type supplied with this tool. Do not use to charge other batteries.

STARTING

1. Grip rear handle and press trigger lock-off button (A) with thumb, then pull trigger switch (B) (See FIG. 4).

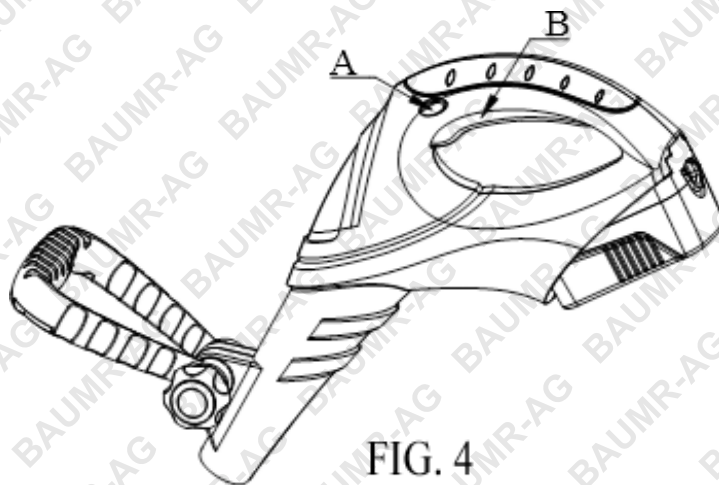


FIG. 4

2. Before starting the grass trimmer for the first time, check that the nylon lines touch or pass over the wire cutting blade. If they are not long enough:
 - a. Press the spool button (FIG. 5).
 - b. Pull more nylon wire to lengthen (FIG. 5).
3. The lengthened nylon line will be cut to size automatically by the wire cutting blade once the lawn trimmer is turned on.
4. During use, the nylon line will become shortened or worn. To automatically lengthen or advance the nylon cutting line, tap the spool button lightly on ground (while the unit is running) (FIG. 6).

These operations should be repeated a few times before starting work to make sure that everything is functioning properly and to familiarise yourself with the grass trimmer. Start off slowly, when you have gained experience, you will be able to use the grass trimmer to its full potential.

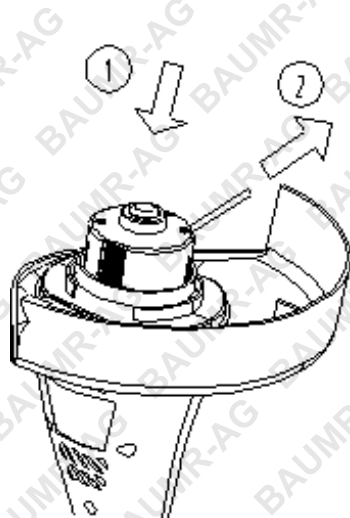


FIG. 5

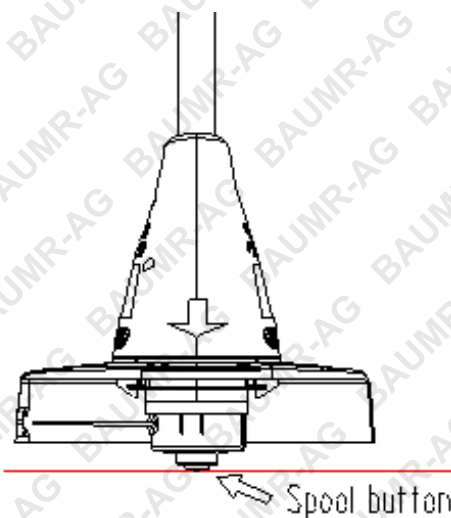


FIG. 6

5. The length of the grass trimmer can be infinitely varied and therefore adjusted to your individual height (FIG. 7):
 - a. Hold the tube with one hand, then loosen the adjusting thread.
 - b. Set the handle to the correct length and tighten the adjusting thread.

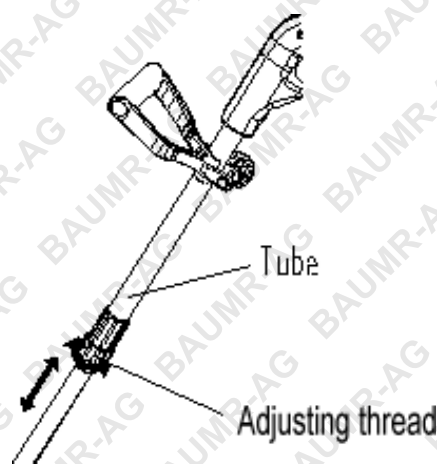


FIG. 7

REPLACING THE SPOOL OF THE NYLON LINE

1. Switch off the trimmer and wait for all parts to stop moving.
2. Remove the battery pack.
3. Remove the spool assembly from the trimmer. To do so, hold the outer ribbed part of the assembly with one hand, while pushing down and turning the spool head with the other to unlock it (FIG. 8). The spool carrier and spool will now disassemble easily.

NOTE: There is a spring inside the head that could easily be lost. Ensure that it is put in a safe place.

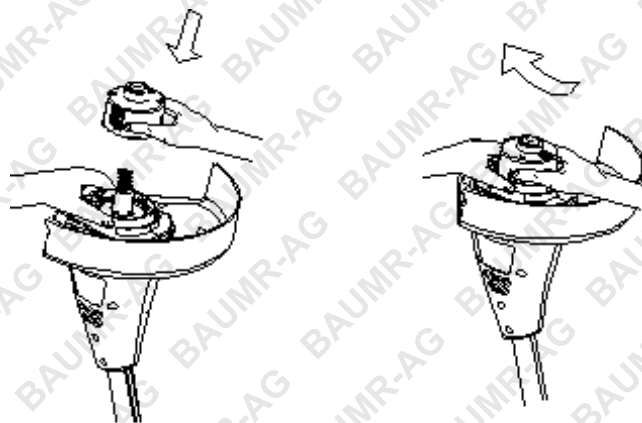


FIG. 8

4. Choose either OPTION 1 or OPTION 2 below for spool or line replacement.
5. Insert the line through the eyelet in the spool carrier and slide the spool into it (FIG. 9).

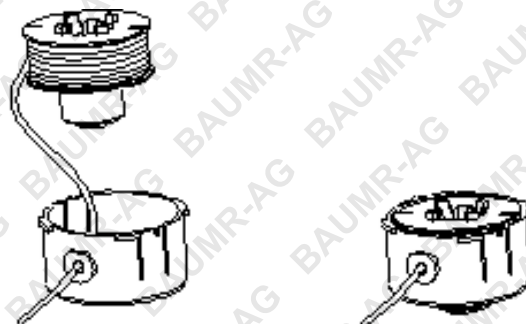


FIG. 9

6. Making sure to insert the spring, assemble the spool and spool carrier back onto the trimmer. To do so, push the head on and turn it clockwise until it locks (FIG. 10).

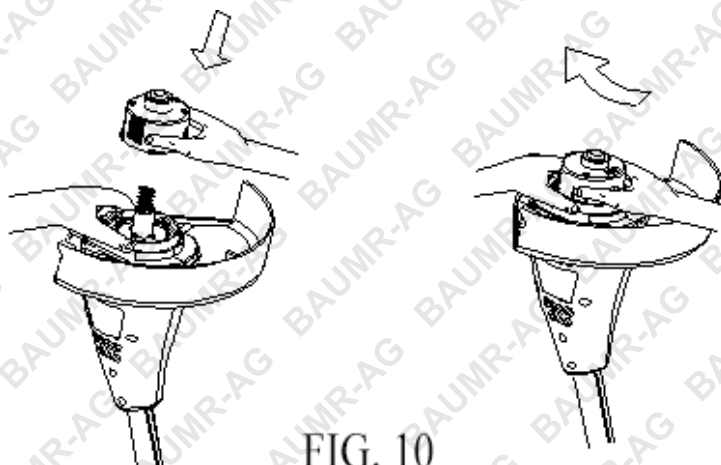


FIG. 10

7. To test if the line is advancing properly, push the button with your thumbs while pulling the wire with your fingers. The line should advance freely.

Option 1: Accessory Replacement Spool

- Use replacement spool.

Option 2: Rewinding Spool Using Line

- Line for your trimmer is available at extra cost from your local dealer or manufacturer. To install line, follow the steps below:
 - i. Insert one end of line into the hole in the spool as shown in FIG. 11, about 3 mm.

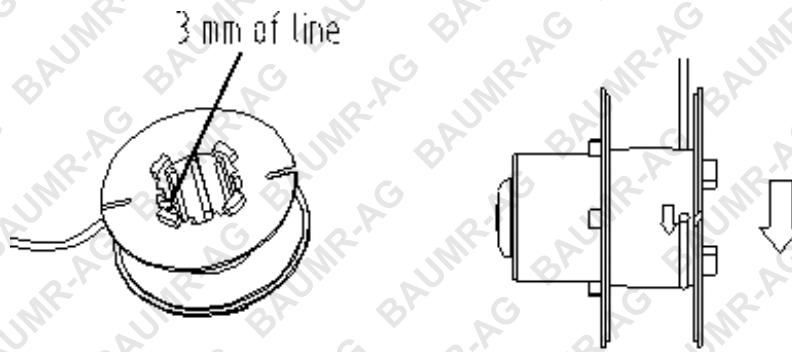


FIG. 11

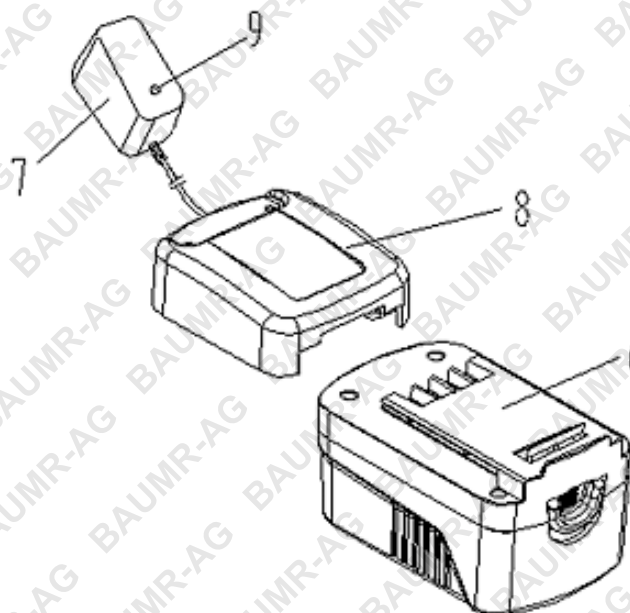
- ii. Snugly and evenly wind the line onto the spool in the direction of the arrow on the spool (FIG. 11), until the line builds up to the notches in the spool rim. Do not overfill spool. The spool holds about 6.5m of line.

CHARGING THE BATTERY

The battery needs to be charged before first use and whenever it fails to produce sufficient power on jobs that were easily done before. The battery may become warm while charging; this is normal and does not indicate a problem.

NOTE: After several charge and discharge cycles, the battery will attain full capacity.

**DO NOT CHARGE THE BATTERY AT AMBIENT TEMPERATURES BELOW 4°C OR ABOVE 40°C.
RECOMMENDED CHARGING TEMPERATURES: APPROX. 24°C.**



1. Connect the charger (#7) to the charger station (#8).
2. Plug the charger into an appropriate AC power outlet. The LED (#9) lights green to tell you that the charger is ready for use.
3. Insert the charger station (#8) into the battery pack (#6), as shown in FIG. 13, making sure the charger station is fully seated in the battery pack. The LED (#9) lights red to tell you that the battery pack is on charge.
4. The battery pack will be fully charged in about 4 hours. And the LED (#9) lights green again to tell you that the battery pack is fully charged.

IMPORTANT CHARGING REMINDERS

- Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 18 – 24°C. Do not charge the battery pack in a very low or very high air temperature. This is important and will prevent serious damage to the battery pack.
- **When using your tool continuously, the batteries in your battery pack will become hot. You should let a hot battery pack cool down for approximately 30 minutes before attempting to recharge.**
- The charger and battery pack may become warm to touch while charging. This is a normal condition, and does not indicate a problem.
- Use the charger in normal room temperatures whenever possible. To prevent overheating, do not cover the charger and do not charge battery packs in direct sunlight or near heat sources.
- If the battery pack does not charge properly:
 - Check current at receptacle by plugging in a lamp or other appliance.
 - Move charger and battery pack to a location where the surrounding air temperature is approximately 18 – 24°C.
 - If charging problems persist, take or send the tool, battery pack and charger to your local service centre.
- The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. **DO NOT CONTINUE** to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse effect on the battery pack.
- Under certain conditions, with the charger plugged in to the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminium foil, or any build-up of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.
- Do not immerse charger in water or any other liquid.
- **WARNING!** Don't allow any liquid to get inside charger. Electric shock may result. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer.
- **CAUTION!** Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service centre for recycling, do not put it into further use

MAINTENANCE

- After use, remove the battery pack from the trimmer.
- When not in use store the machine out of the reach of children.
- Use only manufacturer-recommended replacement parts and accessories.
- Your trimmer line can dry out over time. To keep your line in top condition, store spare pre-wound spools or bulk line in a plastic, sealable bag with a tablespoon of water.
- To clean the tool, remove battery pack and use only mild soap and a damp cloth to clean the tool. Do not immerse tool in water or squirt it with a hose. Do not allow any liquid to get inside it. Do not clean with a pressure washer.
- The line cutter on the edge of the guard can dull over time. It is recommended you periodically touch-up the sharpness of the blade with a file.

TECHNICAL SPECIFICATIONS

MODEL	TR2
BATTERY	20V 1300mAh Lithium
TRIMMER HEAD	Bump Feed
SPOOL	6.5m
TRIMMER LINE	Ø 1.6mm
NO-LOAD SPEED	8000rpm
CUTTING PATH	230mm
THROTTLE CONTROL HANDLE	Rubber Over Moulded
FRONT HANDLE	Adjustable Swivel
SHAFT	Aluminium Telescopic
CHARGER	240V
CHARGING TIME	4 Hours
RUNNING TIME	30 Minutes
LENGTH	1-1.2m

Note: Minimal Assembly required



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

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