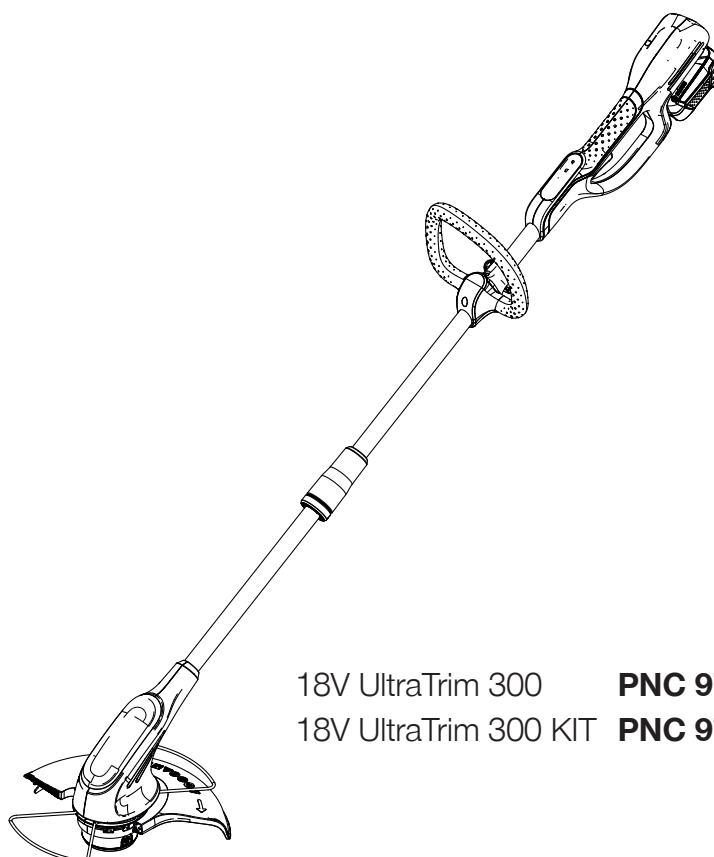




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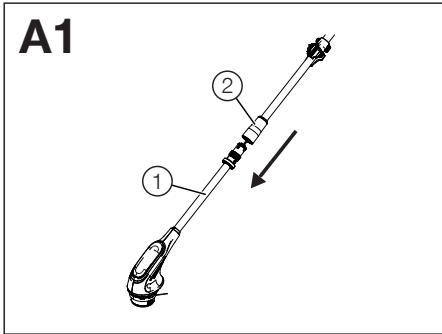
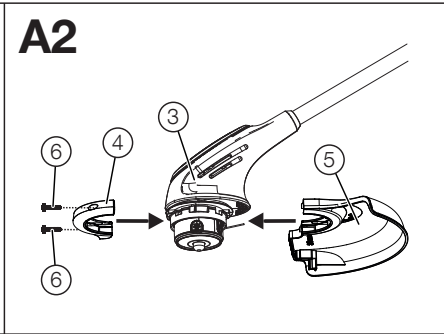
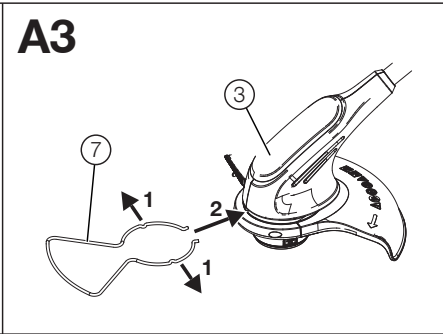
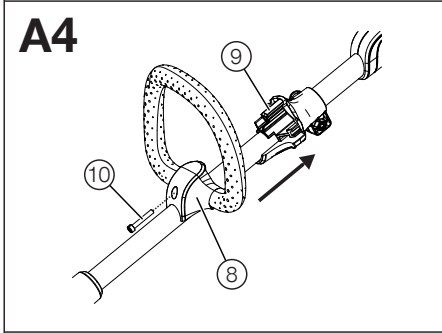
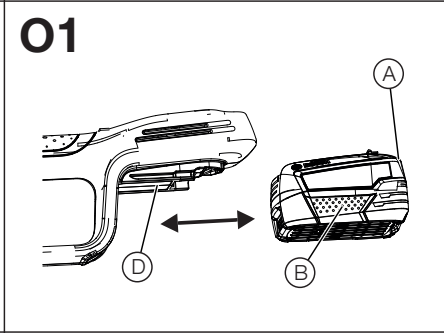
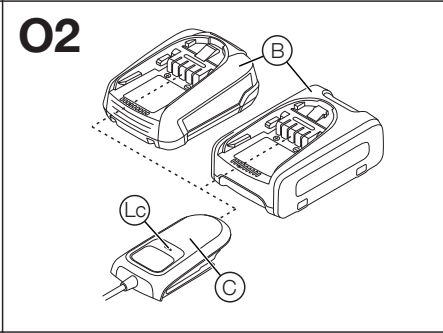
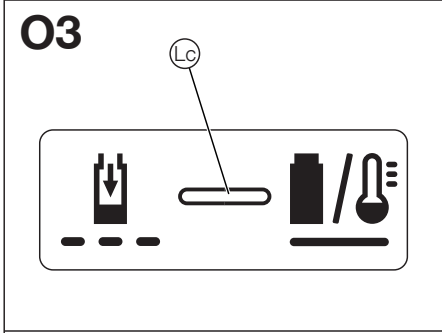
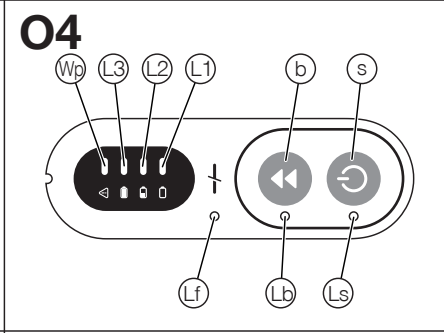
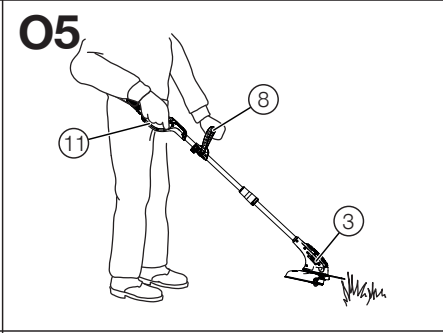
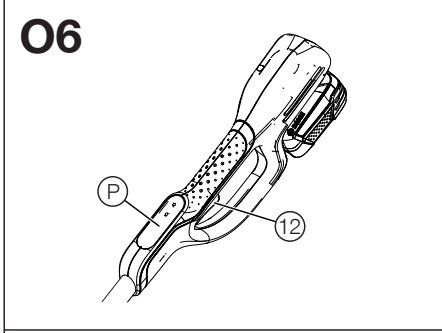
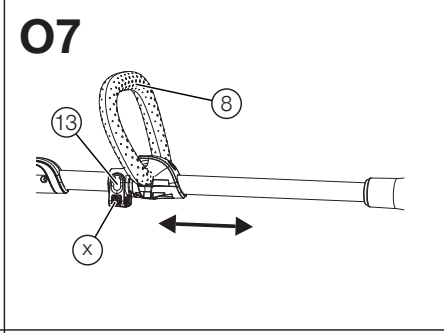
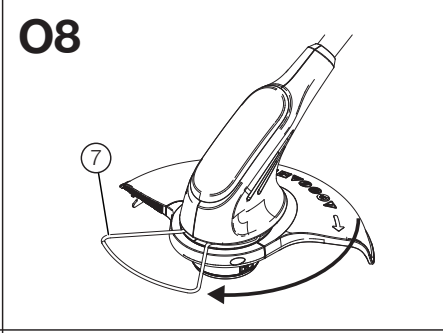
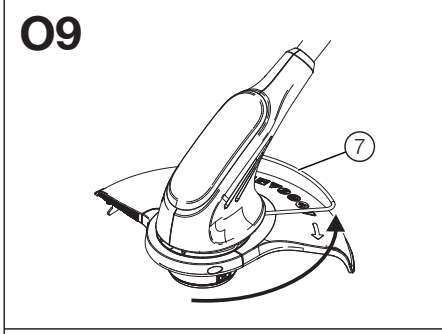
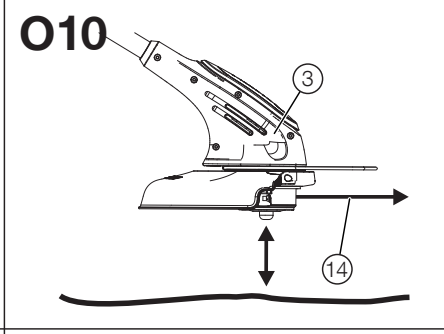
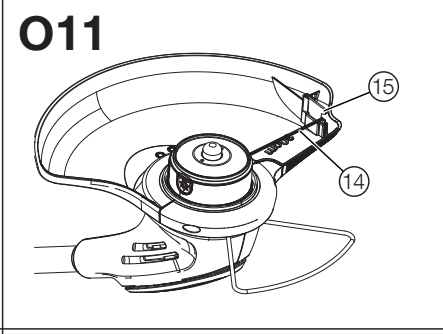
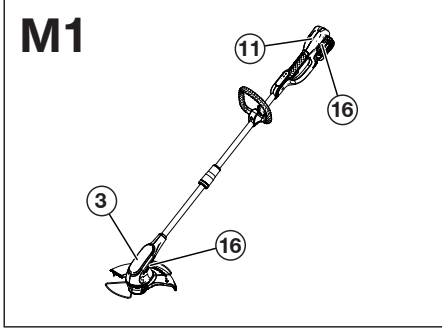
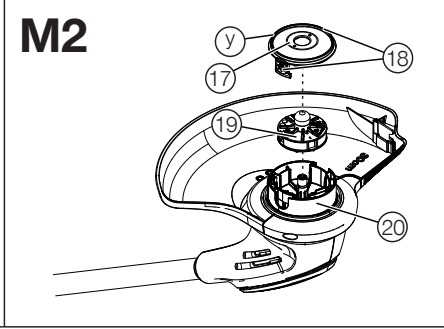
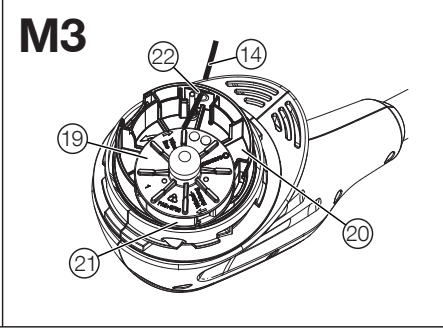
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18V UltraTrim 300 **PNC 970755601**

18V UltraTrim 300 KIT **PNC 970755501**

en Operator's manual
Battery Trimmer

A1 	A2 	A3 
A4 	O1 	O2 
O3 	O4 	O5 
O6 	O7 	O8 
O9 	O10 	O11 
M1 	M2 	M3 

en Battery trimmer

18V UltraTrim 300

Original instructions

1. SAFETY INSTRUCTIONS	4
2. ASSEMBLY	6
3. OPERATION	6
4. MAINTENANCE	7
5. STORAGE	8
6. TROUBLESHOOTING	8
7. TECHNICAL DATA	8
8. ACCESSORIES/ SPARE PARTS	9
9. WARRANTY/SERVICE	9
10. DISPOSAL	9
11. ANNEX	9

1. SAFETY INSTRUCTIONS

1.1 Symbols on the product



→ Read operator's manual.



→ Do not expose the product to rain.



→ Wear safety goggles and hearing protection.



WARNING!

→ Unplug the mains plug immediately if the mains cable is damaged or cut.



WARNING!

→ Keep bystanders at a distance.



WARNING!

→ Disconnect the battery before carrying out maintenance work.

1.2 General safety instructions

1.2.1 General machine safety warnings



WARNING!

Read all safety warnings, instructions, illustrations and specifications provided with this machine.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term „machine“ in the warnings refers to your mains-operated (corded) machine or battery-operated (cordless) machine.

1) Work area safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate machines in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Machines create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a machine.** Distractions can cause you to lose control.

2) Electrical safety

- a) **Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) machines.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose machines to rain or wet conditions.** Water entering a machine will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a machine outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **If operating a machine in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating machines may result in serious personal injury.
- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the machine.** Carrying machines with your finger on the switch or energising machines that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the machine on.** A wrench or a key left attached to a rotating part of the machine may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the machine in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- h) **Do not let familiarity gained from frequent use of machines allow you to become complacent and ignore machine safety principles.** A careless action can cause severe injury within a fraction of a second.

4) Machine use and care

- a) **Do not force the machine. Use the correct machine for your application.** The correct machine will do the job better and safer at the rate for which it was designed.
- b) **Do not use the machine if the switch does not turn it on and off.** Any machine that cannot be controlled with the switch is dangerous and must be repaired.
- c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the machine before making any adjustments, changing accessories, or storing machines.** Such preventive safety measures reduce the risk of starting the machine accidentally.
- d) **Store idle machines out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine.** Machines are dangerous in the hands of untrained users.
- e) **Maintain machines and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use.** Many accidents are caused by poorly maintained machines.
- f) **Keep cutting machines sharp and clean.** Properly maintained cutting machines with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the machine, accessories and machine bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the machine for operations different from those intended could result in a hazardous situation.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the machine in unexpected situations.

5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use machines only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- e) **Do not use a battery pack or machine that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) **Do not expose a battery pack or machine to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g) **Follow all charging instructions and do not charge the battery pack or machine outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6) Service

- a) **Have your machine serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the machine is maintained.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

1.2.2 Lawn trimmer and lawn edge trimmer safety warnings

- a) **Do not use the machine in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- b) **Thoroughly inspect the area for wildlife where the machine is to be used.** Wildlife may be injured by the machine during operation.

- c) **Thoroughly inspect the area where the machine is to be used and remove all stones, sticks, wires, bones, and other foreign objects.**
Thrown objects can cause personal injury.
- d) **Before using the machine, always visually inspect to see that the cutter and the cutter assembly are not damaged.**
Damaged parts increase the risk of injury.
- g) **Keep guards in place. Guards must be in working order and be properly mounted. A guard that is loose, damaged, or is not functioning correctly may result in personal injury.**
- h) **Keep all cooling air inlets clear of debris.**
Blocked air inlets and debris may result in overheating or risk of fire.
- i) **Wear eye protection and ear protection.**
Adequate protective equipment will reduce personal injury.
- j) **While operating the machine, always wear non-slip and protective footwear. Do not operate the machine when barefoot or wearing open sandals.**
This reduces the chance of injury to the feet from contact with the moving cutter.
- k) **Always wear clothing such as trousers that covers the operator's legs while operating the machine.**
Contact with the moving cutter or line may cause injury.
- l) **Keep bystanders away while operating the machine.**
Thrown debris can result in serious personal injury.
- m) **Do not operate the machine above waist height. This helps prevent unintended cutter contact and enables better control of the machine in unexpected situations.**
- n) **Exercise caution when operating the machine in wet grass. Walk, never run. This reduces the risk of slipping and falling which may result in personal injury.**
- o) **Do not operate the machine on excessively steep slopes. This reduces the risk of loss of control, slipping and falling which may result in personal injury.**
- p) **When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction. This reduces the risk of loss of control, slipping and falling which may result in personal injury.**
- q) **Keep all power cords and cables away from cutting area. Power cords or cables may be hidden in hedges or bushes and can be accidentally cut or damaged by the line or cutter.**
- r) **Keep all parts of the body away from the moving trimmer cutter or line. Do not clear material from the machine until it has been disconnected from the power source. The moving trimmer cutter or line may result in serious personal injury.**
- s) **Carry the machine with the machine switched off and away from your body. Proper handling of the machine will reduce the likelihood of accidental contact with a moving trimmer cutter or line.**
- t) **Only use replacement cutting heads and trimmer cutters or lines specified by the manufacturer.**
Incorrect replacement parts may cause loss of control, breakage and injury.
- u) **Do not replace the trimmer cutters or lines with metal wires or blades. Using non-recommended cutting elements can cause injury.**

1.3 Additional safety instructions

1.3.1 Intended use

The FLYMO Trimmer is intended to trim and to cut lawn and areas of grass in private domestic gardens and allotments.

The product is not suitable for continuous operation (professional operation).





DANGER!


Risk of injury!

Do not use the product to cut hedges, to chop up material or to make compost.

1.3.2 Safety warning for batteries and battery chargers

-  **Read all safety warnings and instructions.**
Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
- **Keep these instructions in a safe place. Only use the battery charger if you are familiar with all of its functions and are able to perform these without limitation or have received appropriate instructions.**
- **Do not use the product in explosive atmospheres.**
- **Supervise children during use, cleaning and maintenance.**
This is to ensure that children do not play with the battery charger.
- **Only charge lithium-ion batteries of the POWER FOR ALL system type PBA 18V with a capacity of 1.5 Ah or more (5 battery cells or more). The battery voltage must match the battery charging voltage of the battery charger.**
- **Do not charge non-rechargeable batteries. Otherwise there is a risk of fire and explosion.**
-  **Only use the battery charger in closed rooms and keep it away from moisture. The ingress of water into a battery charger increases the risk of electric shock.**
- **Keep the battery charger clean.**
Dirt poses a risk of electric shock.
- **Always check the battery charger, including cable and plug, before use. Do not use the battery charger if you notice any damage. Do not open the battery charger yourself, ensure that any repairs are performed only by qualified personnel using only original spare parts.**
Damaged battery chargers, cables and plugs increase the risk of electric shock.
- **Do not operate the battery charger on easily combustible surfaces (e.g. paper, textiles etc.) or in combustible environments. There is a risk of fire because the battery charger heats up during charging.**

- If a replacement of the connecting cable is necessary, let this be carried out by FLYMO or an authorised service centre for FLYMO power tools in order to avoid safety hazards.
- These safety warnings only apply to 18V Li-Ion batteries of the POWER FOR ALL system.
- **Only charge the batteries with battery chargers recommended by the manufacturer.**
A battery charger that is suitable for one type of battery may cause a fire hazard if used with other batteries.
- **Vapours may also escape if the battery is damaged or used improperly. Ensure that the area is well ventilated and seek medical attention should you experience any adverse effects.**
The vapours may irritate the respiratory tract.
- **If the battery is defective, liquid may leak out and wet adjacent objects. Check affected parts. Clean them or replace them if necessary.**
- **If used incorrectly or if the battery is damaged, flammable liquid may escape from the battery; avoid contact. If contact accidentally occurs, flush with water. If the liquid gets in your eyes, seek additional medical attention.**
Liquid ejected from the battery may cause irritation or burns.
- **Only use the battery in POWER FOR ALL system partner products.**
POWER FOR ALL-marked 18V batteries are fully compatible with the following products: all 18V POWER FOR ALL system partner products.
- **Observe the battery recommendations in the operator's manual for your product.**
This is the only way to operate the battery and the product safely and to protect the batteries from dangerous overloading.
- **Only charge the batteries with battery chargers recommended by the manufacturer or by partners of the POWER FOR ALL system.**
A battery charger that is suitable for a certain type of battery poses a fire hazard when used with other batteries (battery type: PBA 18V etc./ Compatible battery chargers: AL 18 etc.).
- **The battery is supplied partially charged. To ensure full performance of the battery, fully charge the battery in the battery charger before using it for the first time.**
- **Keep batteries out of the reach of children.**
- **Do not open the battery. There is a risk of a short circuit.**
- **Do not short-circuit the battery. When the battery is not in use, keep it away from paper clips, coins, keys, nails, screws or other small metal objects that could cause bridging of the contacts.**
Shorting the battery terminals together may cause burns or a fire.
- **The battery contacts may be hot after use. Be careful of the hot contacts when removing the battery.**
- **The battery can be damaged by sharp objects such as a nail or screwdriver or by external force. An internal short circuit may occur and the battery may burn, smoke, explode or overheat.**
- **Never service damaged batteries.**
All maintenance of batteries should only be carried out by the manufacturer or authorised service centres.

-  **Protect the battery from heat, including prolonged exposure to sunlight, fire, dirt, water and moisture.**



There is a risk of explosion and short circuit.

- **Only operate and store the battery at an ambient temperature between -20 °C and +50 °C. Do not leave the battery in a car in summer, for example. At temperatures < 0 °C, performance may be reduced depending on the device.**
- **Charge the battery only at ambient temperatures between 0 °C and +45 °C.**
Charging outside the temperature range can damage the battery or increase the risk of fire.
- **After use, allow the battery to cool down for at least 30 minutes before charging or storing it.**

1.3.3 Additional electrical safety instructions



DANGER!

Risk of cardiac arrest!

The product generates an electromagnetic field during operation. This electromagnetic field may affect the functionality of active or passive medical implants (e.g. pacemakers), which may result in serious injury or death.

- Consult your doctor and the manufacturer of your implant before using this product.
- Remove the battery when you are not using the product.

1.3.4 Additional personal safety instructions



DANGER!

Risk of suffocation!

Smaller parts can be swallowed.

- Keep toddlers away when you assemble the product.
- Inspect the machine for damage if you hit a hard object or if excessive vibrations occur.
- Keep your hands away from the length limit of the cutting filament.
- Avoid situations that can occur during normal work, such as a blockage of the filament cassette.
- Carry out cleaning and maintenance work before the machine is stored.
- **Do not use the product near water or for pond maintenance.**
This prevents the ingress of water and damage.

2. ASSEMBLY



DANGER!

Cutting injury caused by the cutting filament.

If the product starts unintentionally, people can be injured by the cutting filament.

- Remove the battery before assembling the product.
- Wear protective gloves.
- Install the protective cover.

2.1 Scope of supply

	Art. 970755501 (Kit)	Art. 970755601
Battery Trimmer	x	x
Battery charger	x	-
Battery (4.0 Ah)	x	-
Operator's manual	x	x

2.2 Fitting the rail [Fig. A1]

- Push the rail ① into the clamping sleeve ② until it clicks into place.
Ensure that the rail is securely attached.
- Tighten the clamping sleeve ②.

2.3 Fitting the protective cover and the plant guard [Fig. A2/A3]



DANGER!

Risk of injury.

Pinching fingers during assembly can lead to injuries.

- Take care of your fingers when assembling the two trimmer parts.

- Slide the front part of the protective cover ④ onto the trimmer head ③ until it clicks into place.
- Slide the rear part of the protective cover ⑤ onto the trimmer head ③ as far as it will go.
- Carefully tighten the two small screws ⑥.
- Spread 1 the plant guard ⑦ slightly outwards and push 2 it onto the trimmer head ③ until it clicks into place.

2.4 Fitting the auxiliary handle [Fig. A4]

- Push the auxiliary handle ⑧ into the handle bracket ⑨.
Ensure that the auxiliary handle is firmly seated.
- Tighten the big screw (M5x32) ⑩.

3. OPERATION



DANGER!

Cutting injury caused by the cutting filament.

If the product starts unintentionally, people can be injured by the cutting filament.

- Wait until the cutting filament has come to a standstill before checking or transporting the product.
- Remove the battery.
- Wear protective gloves.

3.1 Charging the battery [Fig. O1/O2/O3]



CAUTION!

Damage to property.

If the voltage of the power source does not match the specifications on the battery charger rating plate, the battery charger may be damaged.

- Note the mains voltage.



DANGER!

Risk of injury.

You may trap your fingers when inserting the battery.

- Mind your fingers.

Thanks to the intelligent charging process, the charge condition of the battery is automatically detected and then charged up with the optimal charge current depending on battery temperature and voltage. In this way, the battery is treated with care and remains permanently fully charged when it is stored in the charger.

- Press the release button ① and remove the battery ② from the battery holder ③.
- Connect the battery charger ④ to a mains power outlet.

- Slide the battery charger ④ onto the battery ②.

When the battery charge indicator ⑤ on the charger is flashing green, the battery is charging.

When the battery charge indicator ⑤ on the battery charger glows green continuously, the battery is fully charged (charging time, see 7. TECHNICAL DATA).

- Examine the charge status regularly while you charge.
- Once the battery ② is fully charged, the battery ② can be disconnected from the battery charger ④.

3.2 Meaning of display elements

3.2.1 Battery charge indicator on the battery charger [Fig. O3]

Flashing battery charge indicator ⑤



The charge cycle is indicated by the battery charge indicator ⑤ flashing.

Note: The charging procedure is only possible when the battery temperature is within the allowable charging temperature range, see 7. TECHNICAL DATA.

Battery charge indicator ⑤ shows solid light



The **solid light** of the battery charge indicator ⑤ signals that the battery is fully charged or that the temperature of the battery is outside the permissible charging temperature range and therefore cannot be charged. As soon as the permissible temperature range is reached, the battery is charged.

If the battery is not plugged in, the **solid light** of the battery charge indicator ⑤ signals that the mains plug is plugged into the power outlet and the charger is ready for operation.

3.2.2 Battery state of charge indicator ⑥ on the product [Fig. O4/O6]

After starting the product, the battery state of charge indicator ⑥ is displayed for 5 seconds.

Battery state of charge indicator	Battery state of charge
①, ② and ③ light up green	67 – 100 % charged
① and ② light up green	34 – 66 % charged
① lights up green	11 – 33 % charged
① flashes green	0 – 10 % charged

If the LED ① flashes green, the battery must be charged.

If the error LED ④ lights up or flashes, see 6. TROUBLESHOOTING.

3.2.3 Control panel ⑦ [Fig. O4]

On/Off button ⑧:

- Press the On/Off button ⑧ on the control panel ⑦.

When the trimmer is switched on, the On LED ⑨ lights up.

The trimmer switches off automatically after 1 minute.

Boost button ⑩:

- Press the boost button ⑩ on the control panel.

When boost mode is enabled, the LED ⑪ lights up.

Boost mode increases the speed of the motor for maximum cutting performance.

Cutting filament length indicator ⑫:

The cutting filament length indicator ⑫ lights up if the cutting filament is too short and the trimmer is not cutting/loaded when the motor is running.

- Extend the cutting filament (see "3.7 Extending the cutting filament (automatic tap) [Fig. O10/O11]").

3.2.4 Work position [Fig. O5]

- Hold the product by the auxiliary handle ⑧ and the main handle ⑪ so that the trimmer head ③ is tilted forward slightly.

Avoid contact between the cutting filament and hard objects (wall, stones, fences etc.) to prevent the cutting filament from welding or breaking off.

3.3 Starting/stopping the trimmer



DANGER!

Risk of injury

Risk of injury if the product does not stop when the start lever is released.

- Do not bypass the safety device or switches.
- For example, do not attach the start lever to the handle.
- Do not make any changes to the product that are not described in this manual.

3.3.1 Before starting [Fig. O1]

- Check that the protective cover and the plant guard are correctly fitted (see "2.3 Fitting the protective cover and plant guard [Fig. A2/A3]").
- Insert the battery ② into the battery holder ③ until it audibly clicks into place.

3.3.2 Starting the trimmer [Fig. 01/O5/O6]

1. Press the On/Off button (S) (half a second) on the control panel (P) until the On LED (S) lights up green.
2. Hold the auxiliary handle (8) with one hand.
3. Hold the main handle (11) with your other hand and pull the start lever (12).
The trimmer starts.

3.3.3 Stopping the trimmer

1. Release the start lever (12).
The trimmer stops.
2. Press the On/Off button (S) on the control panel (P) until the On LED (S) is off.
3. Wait until the cutting filament (14) comes to a standstill.
4. Remove the battery (9).

3.4 Adjusting the position of the auxiliary handle [Fig. 07]

The position of the auxiliary handle (8) can be adjusted to your height.

1. Open the clamping lever (13).
2. Push the auxiliary handle (8) to the desired position.
3. Close the clamping lever (13).

3.4.1 Adjusting the clamping force of the clamping lever [Fig. 07]

The clamping force of the clamping lever (13) can be adjusted as required.

Clamping force too strong:

1. Open the clamping lever (13).
2. Turn the screw (X) anticlockwise using a screwdriver.
3. Close the clamping lever (13).

Clamping force too weak:

4. Open the clamping lever (13).
5. Turn the screw (X) clockwise with a screwdriver.
6. Close the clamping lever (13).

3.5 Adjusting the plant guard [Fig. 09]

– Work position [Fig. 08]

– Park position [Fig. 09]

- Turn the plant guard (7) to the desired position until it clicks into place.

3.6 Transporting the trimmer

DANGER! **Risk of injury**

If the battery is inserted and the trimmer is switched on, it is possible to accidentally pull the start lever and start the trimmer.

- Only transport the trimmer when the battery is removed and the trimmer is switched off.

- Turn the plant guard (7) to the park position until it clicks into place.

3.7 Extend the cutting filament (automatic tap) [Fig. 04/O10/O11]

The automatic TAP function is activated when the motor is running.

A clean lawn cut can only be achieved if the cutting filament is at maximum length. The cutting filament may need to be extended several times when starting up for the first time.

The cutting filament length indicator (14) lights up if the cutting filament is too short and the trimmer is not cutting/loaded when the motor is running.

1. Start the trimmer.
2. Hold the trimmer head (3) parallel to the ground and tap briefly on firm ground (avoid prolonged continuous pressure).

The cutting filament (14) is automatically extended by an audible switching operation and brought to the correct length by the filament limiter (15).

- If necessary, tap several times in succession.

The cutting filament length indicator (14) lights up if the cutting filament is too short and the trimmer is not cutting/loaded when the motor is running.

When the cutting filament (14) reaches the filament limiter (15), the cutting filament length indicator (14) disappears.

4. MAINTENANCE

DANGER!

Cutting injury caused by the cutting filament.

If the product starts unintentionally, people can be injured by the cutting filament.

- Wait until the cutting filament has come to a standstill before servicing the product.
- Remove the battery.
- Wear protective gloves.
Sharp edges on the cutting filament, the filament limiter or other parts can cause injury.

4.1 Cleaning the trimmer [Fig. M1]

DANGER! **Risk of injury!**

Risk of injury and risk of damage to the product.

- Do not use water or a water jet (especially a high-pressure water jet) to clean the product.
This can damage the product or allow water to penetrate the electrical components and cause corrosion or short circuits.
- Do not clean with chemicals, including petrol or solvents.
Some can destroy critical plastic parts.

The airflow slots must always be clean.

1. Clean the ventilation slots (16) on the main handle (11) and on the trimmer head (3) with a soft brush (do not use a screwdriver).
The use of other tools may damage the product.
2. Clean all movable parts after each operation. In particular, remove any grass or dirt from the protective cover (5).
3. Clean the trimmer head or cassette regularly.

4.2 Cleaning the battery and the battery charger

The surface and contacts of the battery and of the battery charger must be clean and dry before connecting the battery to the battery charger.

- Do not use running water.

4.2.1 Cleaning the battery

Do not use any chemical substances to clean the battery.

- Use a soft, clean, dry brush to clean the ventilation slots and the contacts of the battery from time to time.

4.2.2 Cleaning the battery charger

- Use a soft, dry cloth to clean the contacts and the plastic parts.

Always cleaning and maintenance before storage.

4.3 Replacing the filament cassette [Fig. M2/M3]:

DANGER! **Risk of injury!**

Risk of injury from metallic cutters.

- Do not use any cutters, spare parts or accessories that are not authorised by FLYMO.
- Only use original FLYMO filament cassettes.

If the wear rib (17) is no longer visible, the cassette cover (17) must be replaced.

You can obtain the replacement filament cassette or the cassette cover from your FLYMO dealer or directly from the FLYMO customer service.

For PNC 970755501/970755601 18V UltraTrim 300:

- FLYMO filament cassette for trimmer FLY114 – 547923301
- FLYMO cassette cover for trimmer Art. 5413 / PNC 548276001

1. Press in the cassette cover (17) at the two catches (18) simultaneously and pull it off.
2. Remove the filament cassette (19).
3. Remove all possible dirt from the filament cassette bracket (20).
4. Feed the cutting filament (14) through the metallic sleeve (22).
5. Insert the filament cassette (19) into the filament cassette bracket (20).
6. Pull the cutting filament (14) of the new filament cassette (19) out of the eyelet of the plastic ring (21) as far as the thread limiter (15).
7. Place the cassette cover (17) on the filament cassette bracket (20) until both catches (18) audibly click into place.

Ensure that the cutting filament has not been pinched.

- If the cassette cover (17) cannot be fitted, rotate the filament cassette (19) back and forth until the filament cassette (19) is fully inserted into the filament cassette bracket (20).

5. STORAGE

5.1 Shutting down

The product must be stored away from children.

1. Remove the battery (8).
2. Charge the battery (see "3.1 Charging the battery [Fig. O1/O2/O3]").
3. Clean the trimmer, the battery and the battery charger (see "4. Maintenance").
4. Store the trimmer, the battery and the battery charger in a dry, enclosed and frost-free place.

6. TROUBLESHOOTING



DANGER!

Cutting injury caused by the cutting filament.

If the product starts unintentionally, people can be injured by the cutting filament.

- Wait until the cutting filament has stopped before troubleshooting the product.
- Remove the battery.
- Wear protective gloves.

6.1 Error table

Problem	Possible Cause	Remedy
The trimmer does not start	On LED is off.	→ Press the On/Off button.
	Battery is not put completely into the battery holder.	→ Insert the battery into the battery holder until it audibly clicks into place.
The trimmer cuts poorly	The cutting filament is worn or too short.	→ Extend the cutting filament (see "Extending the cutting filament (automatic TAP)").
	The cutting filament is used up.	→ Replace the filament cassette (see "Replacing the filament cassette").
	The cutting filament is retracted or welded in the filament cassette.	→ Pull the cutting filament out of the filament cassette (see "Replacing the filament cassette").
Trimmer vibrates severely	Increased imbalance due to heavy contamination of the cassette bracket	→ Open the cover of the cassette bracket and remove dirt and grass.
The trimmer does not stop	Start lever is jammed.	→ Remove the battery and loosen the start lever.
Trimmer stops	Long cuttings are wrapped around the filament cassette bracket.	→ Remove the cuttings.
The cutting filament cannot be extended or is used up quickly	The filament has become too dry or brittle (e.g. over the winter).	→ Put the filament cassette in water for about 10 hours.
	Frequent contact of the cutting filament with hard objects.	→ Avoid contact between the cutting filament and hard objects.
Trimmer does not start or stops. LED (1) flashes green [Fig. 04]	Battery is empty.	→ Charge the battery.
Trimmer does not start or stops. Error LED (10) lights up red [Fig. 04]	Battery temperature is outside the permissible temperature range.	→ Wait until the battery temperature has dropped back to between 0 °C and + 45 °C.
	There are drops of water or moisture between the battery contacts.	→ Remove the water drops or moisture using a dry cloth.
	Thread spool holder is blocked	→ Remove the blockage.
	Heavy load	→ Reduce the load.
Trimmer does not start or stops. Error LED (10) flashes red [Fig. 04]	Trimmer is defective.	→ Contact the FLYMO customer service.
	Battery is defective.	→ Replace the battery.
Trimmer does not start or stops. Error LED (10) does not light up [Fig. 04]	Trimmer is defective.	→ Contact the FLYMO customer service.
	The battery is not pushed onto the battery charger correctly.	→ Push the battery onto the battery charger correctly.
Charging is not possible. Battery charge indicator (10) lights up green continuously	The battery is not pushed onto the battery charger correctly.	→ Push the battery onto the battery charger correctly.
	Battery contacts are dirty	→ Clean the battery contacts (see „4.2.1 Cleaning the battery“)

Problem	Possible Cause	Remedy
Charging is not possible. Battery charge indicator (10) lights up green continuously	Battery temperature is outside the permissible temperature range.	→ Wait until the battery temperature has dropped back to between 0 °C and + 45 °C.
	Battery is defective.	→ Replace the battery.
Charging is not possible. Battery charge indicator (10) does not light up	The mains plug of the battery charger is not plugged in correctly.	→ Insert the mains plug fully into the power outlet.
	Socket outlet, mains cable or charger is defective.	→ Check the mains voltage. → Let the charger be checked, if necessary, by an authorised specialist dealer or the FLYMO customer service.

NOTE:

Repairs must only be done by FLYMO service departments or specialist dealers approved by FLYMO.

→ Please contact your FLYMO service centre in the event of other faults (see reverse).

7. TECHNICAL DATA

Battery trimmer	Unit	Value (PNC 970755601 / PNC 970755501)
Cutting filament diameter	mm	2
Cutting width	cm	30
Filament cassette speed normal/boost	R/min.	7000/8000
Cutting filament stock	m	4
Cutting filament extension		Automatic tapping
Weight (without battery)	kg	2.4
Sound pressure level L_{pA}¹⁾	dB (A)	79
Uncertainty k_{pA}	dB (A)	3
Sound power noise level L_{WA}²⁾ measured/guaranteed	dB (A)	90/92
Uncertainty k_{WA}	dB (A)	1.6
Hand-arm vibration a_{vhw}¹⁾	m/s ²	0,7
Uncertainty k_{vhw}	m/s ²	1.5

Measurement methods according to: ¹⁾EN 50636-2-91 ²⁾RL 2000/14/EC/S.I. 2001 No.1701

NOTE: The stated vibration emission value has been measured according to a standardized test procedure and can be used for comparison of one electric power tool with another. It can also be used for preliminary evaluation of exposure. The vibration emission value can vary during actual use of the electric power tool.

System battery PBA 18V 4.0Ah W-B	Unit	Value (PNC 970508601 / Art. No. 14905)
Battery voltage	V (DC)	18
Battery capacity	Ah	4.0
Number of cells (Li-Ion)		10
Appropriate POWER FOR ALL system battery chargers	AL 1810 CV/AL 1815 CV/AL 18V-20/AL 1830 CV/AL 1880 CV	
System battery charger AL 1810 CV P4A	Unit	Value (PNC 970508201 / Art. No. 14900)
Mains voltage	V (AC)	220 – 240
Mains frequency	Hz	50 – 60
Rated Power	W	26
Battery charging voltage	V (DC)	18
Max. battery charging current	mA	1000
Battery charging time (approx.) PBA 18V 2.0Ah W-B PBA 18V 2.5Ah W-B PBA 18V 4.0Ah W-C	min. min. min.	124 154 244
Permitted charging temperature range	°C	0 – 45
Weight	g	170
Protection class		□ / II
Suitable POWER FOR ALL system PBA 18V batteries		PBA 18V

8. ACCESSORIES/SPARE PARTS

FLYMO filament cassette	As a replacement for a used filament cassette.	FLY114 – 547923301
FLYMO cassette cover	As a replacement for a used cassette cover.	Art. 5413 / PNC 548276001
FLYMO System Battery P4A PBA 18V/45	Battery for additional duration or for replacement.	Art. 14903 / PNC 970508501
P4A PBA 18V/72		Art. 14905 / PNC 970508301
FLYMO Quick Charger	Charger for fast charging the POWER FOR ALL System Batteries PBA 18V..W-..	Art. 14901 / PNC 970508301

9. WARRANTY/SERVICE

9.1 Product registration

Please register your product at:



<https://www.flymo.com/uk/c/support/warranty>

9.2 Service

Please find the current contact information of our service on the back page and online:



<https://www.flymo.com/uk/content/contact-us>

11. ANNEX

11.1. EU – Declaration of Conformity

 <p>The undersigned GARDENA Germany AB, PO Box 160 89, S-103 92, Stockholm, Sweden hereby certifies that, when leaving our factory, the unit(s) indicated below is/are in accordance with the harmonised EU guidelines, EU standards of safety and product specific standards. This certificate becomes void if the units are modified without our approval.</p>	
Description of the unit:	Lawn Trimmer
Type:	18V UltraTrim 300
Article number:	970755601
EU directives:	2006/42/EG 2014/30/EU 2011/65/EU 2000/14/EG
Harmonised Standard:	EN ISO 12100 EN 62841-1
Noise level: measured / guaranteed:	90 dB(A) / 92 dB(A)
Conformity Assessment Procedure:	According to 2000/14/EC Art.14 Annex VI
Notified body:	DEKRA Testing and Certification GmbH Handwerkstraße 15 70565 Stuttgart Germany
Number of notified body:	0158
Deposited Documentation:	GARDENA Manufacturing GmbH Technische Dokumentation, M. Jäger Hans-Lorenser-Str. 40 89079 Ulm / Germany
Year of CE marking:	2024
Ulm, 01.10.2024	 Martin Lienhard, Senior Vice President, Business Unit Electric and Battery

10. DISPOSAL

10.1. Disposal of the product

(in accordance with Directive 2012/19/EU / S.I. 2013 No. 3113)



The product must not be disposed of together with normal household waste. It must be disposed of in line with local environmental regulations.

IMPORTANT!

→ Dispose of the product through or via your local recycling collection centre.

10.2. Disposal of the battery



The battery contains lithium-ion cells that must be disposed of separately from normal household waste at the end of its life span.

Li-ion

1. Discharge the lithium-ion cells fully (contact the FLYMO customer service about this).
2. Ensure that the lithium-ion cell contacts do not short-circuit by placing tape over them.
3. Dispose of the lithium-ion cells properly through or via your local recycling collection centre.

11.2. UKCA – Declaration of Conformity

 <p>Declaration of Conformity [only for UK] The manufacturer: GARDENA Germany AB, PO Box 160 89, S-103 92, Stockholm, Sweden hereby certifies that, when leaving our factory, the unit(s) indicated below is/are in accordance with the UK Regulations, designated standards of safety and product specific designated standards. This certificate becomes void if the units are modified without our approval.</p>	
Description of the product:	Lawn Trimmer
Type:	18V UltraTrim 300
Article number:	970755601
UK regulations:	S.I. 2008/1597 S.I. 2016/1091 S.I. 2012/3032 S.I. 2001/1701
Designated standards:	EN ISO 12100 EN 62841-1
Approved Body:	DEKRA Testing and Certification GmbH Handwerkstraße 15 70565 Stuttgart Germany
Approved Body Number:	0158
Noise level: measured / guaranteed	90 dB (A) / 92 dB (A)
Conformity Assessment Procedure:	According to S.I. 2001/1701 Art.11 Schedule 9
Dokumentation Deposited:	GARDENA Manufacturing GmbH, Technische Dokumentation, M.Jäger D-89079 Ulm, Hans-Lorenser-Str.40
UK importer: Authorized representative	Husqvarna UK Limited Preston Road, Aycliffe, County Durham UK DL5 6UP
Ulm, 01.10.2024	 Martin Lienhard Senior Vice President Business Unit Electric and Battery



**Service Address and
Importer to Great Britain**

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Our policy of continuous improvement means that the specification of products may be altered from time to time without prior notice.

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