

***18v Cordless 10"
POWERline Trimmer***

User Manual

LT2
***POWER**handle*

CELTM

THANK YOU

Thank you for investing in a CEL product. The 18v 10" Cordless POWERline Trimmer has been engineered and made to demanding high quality standards; ease of operation and safety have taken a major role in development. Proper care of your product will give you years of trouble-free use.

Normal wear and tear, including accessory wear, is not covered under guarantee. The product is guaranteed for **domestic use** against manufacturing faults for a period of 12 months (for additional guarantee period (if any) please refer to the store or agent from which you purchased the product or contact the nearest authorized dealer). This product is not guaranteed for HIRE purposes.

If you have any questions, please contact us at:

sales@cel-global.com

It is possible to download updated user manuals, view demonstration videos and find information about new products at: **www.cel-global.com**

Warning: User must read and understand the user manual before using the product to reduce the risk of injury. Failure to follow all instructions may result in electric shock, fire and/or serious personal injury. The product must be used only for its prescribed purpose. Any use other than those mentioned in this manual will be considered a case of misuse. The manufacturer shall NOT be liable for any damage or injury resulting from such cases of misuse, use of force, partially or completely dismantled appliances.



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STARTED**

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CUTTING

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CARE

Technical Specifications

Cutting Line Diameter and Thickness	- 250mm/10" 1.5mm (5m (16') supplied)
Unit operating cycle with 1.3Ah POWERhandle	- 40 minutes with no load
Line Oscillating Speed	- 8500rpm with no load
Sound Pressure Level (dB(A))	- 86dB
Battery operating voltage	- 18V DC
Boxed Dimensions	- 960x220x220mm
	- approx (38x9x9")
Weight without battery	- 1.6Kg (3.5lbs)
Product Code	- LT2

If you experience any problems with the product please contact

email: sales@cel-global.com

phone: UK +44 (0) 8453 889769

www.cel-global.com

Manual Version: 100527
Designed and edited in the UK
Printed in China

Description of symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



General
Hazard



Read
Instructions



Keep Dry



Protect
Eyes, Ears,
Lungs



Keep
Bystanders
Away



Flying
Debris



Sharp
Blades



Wear
Appropriate
Clothing

Breathing protection should be worn when cutting some plants.

Use at a distance of at least 5m from other people.

Conforms to relevant standards for electromagnetic compatibility.

Safety instructions

To use this tool properly, you must observe the safety limitations, the assembly instructions and the operating instructions to be found in this Manual. All persons who use and service this machine must be acquainted with this Manual and must be informed about its potential hazards. Children and infirm people must not use this tool. Children should be supervised at all times if they are in the area in which the tool is being used. It is also imperative that you observe the accident prevention regulations in force in your area. The same applies for general rules of occupational health and safety.

The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes.

Even when the tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

Contact with the blade or cutting line.

Kickback.

Catapulting of blade or line pieces.

Damage to eyes if effective safety glasses or shield are not worn.

Damage to ears if effective ear defenders are not worn.

Injury or illness caused by inhalation of cuttings if breathing protection is not sufficient.

Always remove the battery from the tool before making any adjustments or performing maintenance.

Store tools safely. When not in use, tools should be stored in a dry, high place or locked up out of reach.

Do not force the tool. The tool will do the job better and safer working at the rate for which it was designed.

Use the correct tool for the job. Do not force small tools or attachments to do the job best handled by a heavier duty tool. Never use a tool for a purpose other than that for which it was intended.

Dress correctly. Do not wear loose clothing or jewellery. They can be caught in moving parts.

Rubber gloves and non-slip footwear are recommended while working outdoors. If you have long hair, wear a protective hair covering.

Use safety accessories. Safety glasses and ear muffs should always be worn.

Do not overreach. Keep your footing secure and balanced at all times.

Look after your tools. Keep tools clean and sharp for better and safer performance. Follow the instructions regarding lubrication and accessory changes. Keep tool handles dry, clean and free from oil and grease.

Disable idle tools. Remove the battery from the tool before servicing and when the tool is not in use.

Avoid unintentional starting. Make sure that the switches are in the OFF position before attaching the battery.

Stay alert Watch what you are doing, use common sense. Do not operate a power tool when you are tired.

Check for damaged parts. Before using a tool, check that there are no damaged parts. If a part is slightly damaged, carefully determine it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, proper mounting and any other conditions that may affect the operation of the tool. A guard or other part that is damaged should be properly repaired or replaced by an authorized service facility, unless otherwise indicated in the Instruction Manual.

Defective switches must be replaced by an authorised service facility. Do not use a tool if the switch does not turn the tool on and off correctly.

Guard against electric shock. Prevent contact with grounded objects such as water pipes.

Use only approved parts. When servicing, use only identical replacement parts. Use an authorised service facility to fit replacement parts.

Do not let tool run unattended. Always wait until your power tool has come to a complete stop and remove the battery before leaving it.

WARNING. The use of an accessory or attachment, other than those recommended in this Instruction Manual, may present a risk of personal injury.

The tool must be used only for its prescribed purpose. Any use other than those mentioned in this Manual will be considered a case of misuse.

The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse.

Additional safety rules for line trimmers

Do not use the trimmer in the rain or in a damp area.

Keep hands and fingers well away from the cutting area.

Wear work gloves, eye, ear and breathing protection, solid shoes and trousers while using this trimmer.

Always grasp both handles when operating the unit, only operate the machine in its intended orientation.

Remove the battery when you have finished cutting, before cleaning or if you have been interrupted.

This trimmer has been designed to cut soft, new growth and should not be used on branches, hard wood or other forms of cutting.

Do not attempt to free a debris or check the cutting line before first switching off the machine and removing the battery.

Check the area to be cut for stones and anything that may be flung by the tool. Remove wire and string as it may damage the trimmer.

Do not cut against hard object, this may damage the tool and cause injury.

Never use the machine without the safety devices properly fitted and undamaged

WARNING, the guard is for the safety of the operator and bystanders, never remove it while operating the machine.

Never touch or go near the cutting area while the motor is still turning, the tool may take a few seconds to slow down after the trigger is released.

Only use nylon string as supplied or identical replacements designed specifically for this tool.

Only cut if lighting levels are adequate.

Do not activate the tool if there is debris in the vents or otherwise obstructing operation.

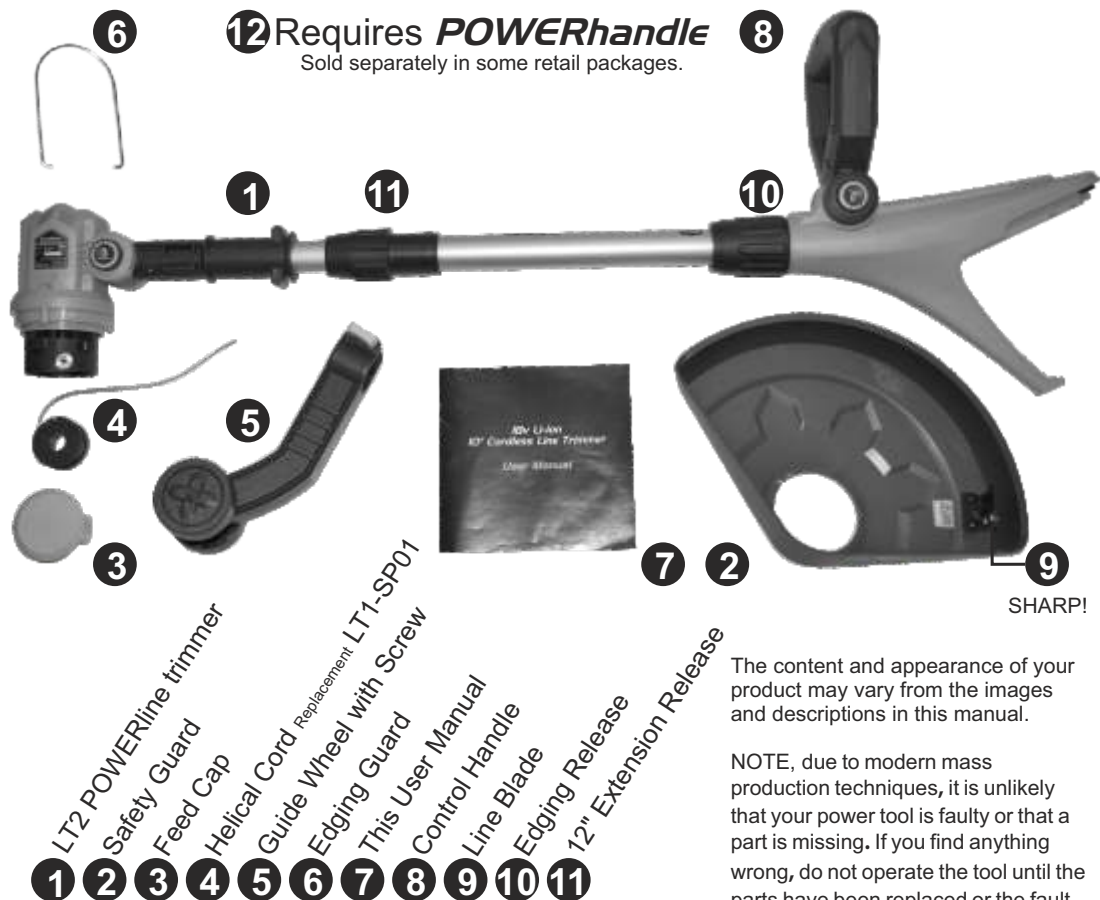
Release trigger when moving between work areas, gravel paths can create flying debris danger.

If the machine appears to have any fault or makes any unusual sounds please consult the manual a service centre or your retailer.

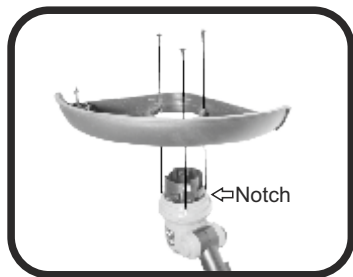
If you are interrupted while operating the trimmer, complete the process and switch off before looking up.

Never allow untrained users or children to use the trimmer.

Wear goggles
Wear ear muffs
Wear breathing protection
Wear work boots
Wear protective clothing



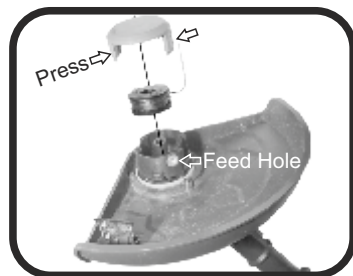
Before using the trimmer, familiarise yourself with all the operating features and safety requirements. **Only use the trimmer as intended.**



BEFORE STARTING THE TRIMMER YOU MUST FIT THE SAFETY GUARD!

To fit the guard, align the guard over the head of the trimmer taking note of the notch to aid alignment. Using a cross head screwdriver, fit the 3 screws provided. NOTE, check and tighten these screws regularly.

To fit or replace the auto line feed. Press in the rippled buttons on both sides of the feed cap and remove (do not force the cap). Lift out any empty feed spools, remove any debris and replace with a new **CEL** line spool LT1-SP01. If necessary wind any excess line in the direction indicated on the spool (the spool should *unwind* in an anticlockwise direction). Pass some line through the Feed Hole and place the spool into the holder so the teeth on the spool contact with the triangle teeth in the trimmer. Pull the line to take up any slack, replace the feed cap, pressing the buttons in so that it locks into place. Additional line can be fed in increments by pressing the feed button and pulling the line. Line will be fed each time the trimmer is started and cut to length by the line blade.



POWERhandle

Your POWERhandle may differ from the one shown, please consult the instructions supplied with your POWERhandle.



To fit a POWERhandle. Grip the trimmer firmly, align the slots on the POWERhandle with the rails on the trimmer and slide on, press firmly until you hear a click. Check the POWERhandle is firmly fixed before operation.

To remove the POWERhandle slide the release clips and pull the handle away from the trimmer.



General
Hazard



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Instructions



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Protect
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Lungs



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Bystanders
Away



Flying
Debris



Sharp
Blades



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Appropriate
Clothing

Always disconnect the battery and ensure the motor has stopped before cleaning or making any adjustments.

Before starting work examine the trimmer and accessories for defects and damage. The battery contains acids and chemicals that can be harmful if the battery is damaged it must be disposed of properly and replaced with an identical product. Check all fittings and fixings are present and correctly fitted.

Ensure repairs are carried out before using the trimmer or any of the accessories. Repairs should only be carried out by qualified and authorised persons, if in doubt ask your retailer. Run the trimmer briefly and check for unusual sound or vibration, and for any other signs of damage or deterioration.

Do not use batteries other than those specified in this manual, the battery supplied with this product is specifically made for this tool and the supplied charger. Other batteries and chargers may cause explosions, leaks or fire.

Make sure bystanders are safe, do not cut if you cannot see the area being cut

Check the area to be cut for stones and anything that may be flung by the tool. Remove wire and string as it may damage the trimmer.

Some plants and trees contain harmful substances, always be aware of risks and take appropriate measures before beginning work.

Ensure the cutting line is correctly adjusted. Do not use line designed for other products.

Always start the trimmer away from the area to be cut, attempting to cut before the trimmer reaches operating speed can damage the tool.

Some small sparks and a slight burning smell may emanate from the motor, this is normal and is due to the electronic brake.

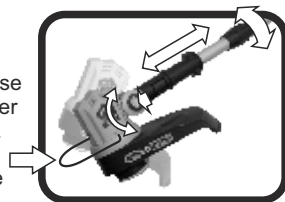
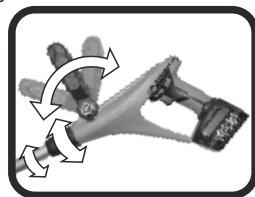
If the battery or motor become too hot to touch stop work immediately.

Adjust the tool for comfort

If you feel any physical discomfort or pain stop work immediately.

Press the 2 locking buttons in and rotate control handle to the desired angle. Make sure the buttons spring back out to ensure the handle is locked in place.

Adjust the 12" Extension to suite your needs. Twist the collar anti-clockwise to unlock then slide the lower shaft to the required length. Twist the collar back and tighten before operating the trimmer.



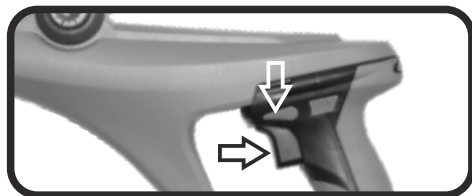
Always make sure the trigger is released before fitting battery to prevent accidental starting!

Read and understand this manual before operating this tool.

Never allow children or untrained users access to this tool.

Never operate this tool without the guard or if any part is damaged or worn.

Always wear appropriate clothing and protective gear.

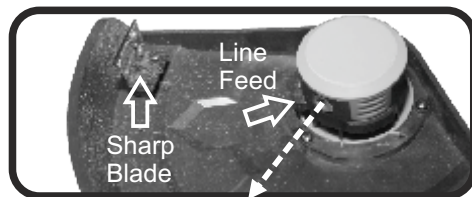


Switching on and off

1. Fit a charged POWERhandle as shown in the assembly section
2. Hold the tool in both hands keeping moving parts away from yourself, bystanders and any other objects. Ensure it is safe to start it and warn bystanders.
3. Press the trigger lock.
4. Squeeze the trigger
5. Direct the cutting line into the area to be cut.

Adjusting the cutting line

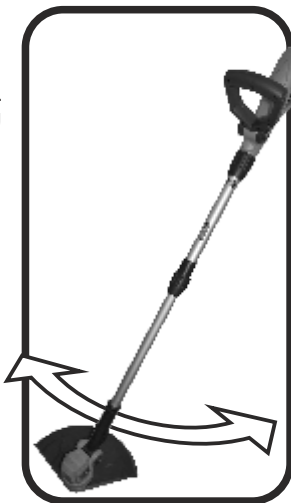
Each time the trimmer reaches a certain speed the line will extend by 12mm, to manually extend the line press the line feed button while pulling on the line. Excess line will be cut by the blade and should always remain inside the radius of the safety guard.



See the following page for helpful trimming tips.

Trimming/Clearing

Adjust head pivot so that the cutting line spins at around 30° to the ground. This will maximise cutting efficiency and safety measures. Press the locking button in and rotate to a suitable position. Make sure the button springs out again and the head is locked before operating the trimmer. Using the head pivot the cutting line can be adjusted to be parallel to the handle allowing reach under low objects. When Cutting against walls and other hard objects use the Edging Guide to ensure the line does not contact.



Start the trimmer before approaching the cutting area so as allow it to reach full speed.

Be aware that the tool could kick back on contact.

Stand with a good posture and be aware of your surroundings, keep 2 hands on the trimmer and control the trimmer with firm even pressure.

Cut larger areas of grass by swinging the trimmer in an arc. Cut small amounts with each pass so the motor is not overloaded. When clearing long grass cut the tops off first and work down in stages.

Avoiding hard objects will extend the life of the cutting line.

Edging

Twist the 90° Rotation Collar Anti-clockwise to unlock then turn the head to the desired orientation. Twist the collar back and tighten before operating the trimmer. You may also wish to connect the Edging Wheel to guide the trimmer.

Fitting the Edging Wheel can give a neater finish and prevent contact with the ground

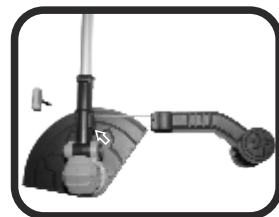
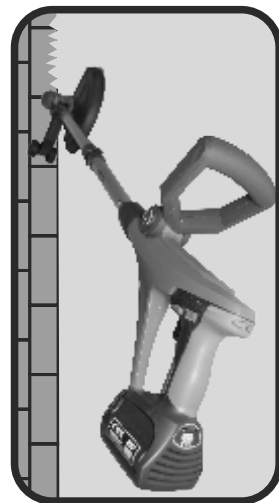
To fit the Edging wheel, remove the thumb screw and align the wheel mount to the rectangular extrusion just above the trimmer head, fasten in place with the thumbscrew.

Twist the trimmer head 90° and pivot the head so it runs parallel to the extension shaft.

Activate the trimmer before lowering into the area to be cut to prevent overloading the motor.

Run the trimmer along the edges avoiding loose debris and hard objects.

Some jobs will require heavy duty tools, don't use this trimmer for anything other than its intended purpose.





WARNING, Switch off and remove the battery before carrying out any maintenance on the tool.

WARNING, The blade that cuts the line is sharp.

Lubrication

No Lubrication is necessary, the bearing area sealed. After each: use, carefully clean the trimmer with a brush or rag.

Clear any debris from around the moving parts.

General inspection

Regularly check that all the fixing screws are present and tight. They may vibrate loose over time.

Keep the tool's air vents unclogged and clean at all times.

Remove dust and dirt regularly.

Cleaning is best done with compressed air or a rag.

Never use caustic agents to clean plastic parts.

CAUTION, Do not use cleaning agents to clean the plastic parts of the tool. A mild detergent on a damp cloth is recommended. Water must never come into contact with the tool.

When the time comes to dispose of this product please consider the environment and take it to a recognised recycling facility instead of disposing with general household waste.

Your battery instructions will advise where you should dispose of the battery. If unsure ask your local council.

Storage

Store the tool, instruction manual and accessories in a secure, dry place. In this way you will always have all the information and parts ready to hand.

FAQ

Where can I get more cutting line, POWERhandles and accessories?

www.cel-global.com or ask your retailer.

Why does the line break?

Usually because of hard objects or wearing. Try to avoid these objects. When cutting thick grass take small cuts as the outer diameter of the rotating line will cut more efficiently than the inside.

The line is not cutting cleanly, why?

Most likely the cutting line has worn out, extend some new line or replace used line, newer line has more weight and sharper edges. Debris may have entered the moving parts near the cutting area, clear with a brush. Ensure a charged battery.

The trimmer wont start or stops sometimes, what's wrong?

a) Check the battery is charged and properly fitted, also make sure the triggers are working correctly and both are being squeezed at the same time. b) Remove the battery and check for debris, clean accordingly.

c) Lithium Ion batteries have a protection circuit to prevent it from completely discharging. The battery will provide constant power then stop rather than slowing down. Recharge fully.

What should I do if my Line Trimmer gets wet?

Dry fully for several days in a warm but not hot place before trying to charge or use.

Where can I get repairs, replacement parts, advice or help?

Ask at your retailer or visit
www.cel-global.com

How long is the warranty and what is covered?

Please see inside cover

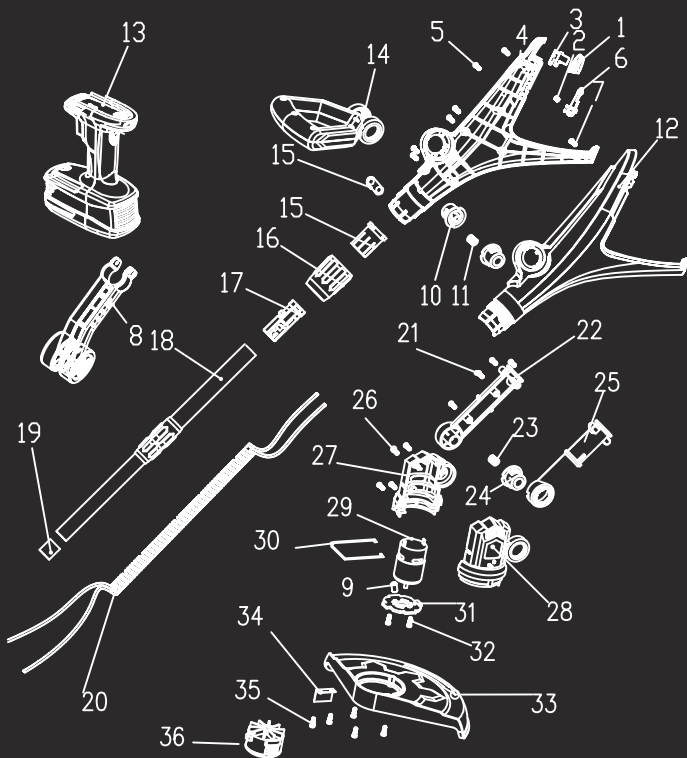
Where do I find my serial number?

On the right hand side of the trimmer head.

Technical Drawing

7.0

ITEM	PART_NO.	NAME	QTY.	MATERIAL
36	250003001	CUTTING-HEAD ASSY	1	
35	324002001	SCREW ST4.2x10	2	GB/T 13806.2-1992 AII
34	123003001	BLADE	1	
33	311003023	PROTECTING_COVER	1	PP
32	324003003	SCREW M5x10	1	GB/T 9074.9
31	311003022	MOTOR_FIXED-PLATED	1	PA6+GF30
30	321003005	PROTECTING-WIRE	1	SPRING STEEL
29	333003003	MOTOR	1	775PC-73159 18V
28	311003021	MOTOR_HOUSING_L	1	ABS
27	311003020	MOTOR_HOUSING_R	1	ABS
26	324002002	SCREW ST4.2x14	4	GB/T 13806.2-1992 A
25	311003017	CONNECTOR_LETT	1	ABS
24	311003019	ANGLE_BUTTON	1	PA6+GF30
23	321003004	BUTTON_SPRING	1	SPRING STEEL
22	311003018	CONNECTOR-RIGHT	1	ABS
21	324003005	SCREW ST3.9x14	4	GB/T 13806.2-1992 A
20	331003001	SPRING_LEADWIRE	1	20AWG 22.59mm #300V
19	311003016	S-WIRE_LOCK	1	RUBBER
18	150003001	AL_TUBE ASSY	1	
17	311003015	WIRE-LOCK	1	PA6+GF30
16	311003014	HANDLE_LOCK	1	PA6+GF30
15	311003013	TUBE-FIXED	1	PA6+GF30
14	250003002	HANDLE_ASSY	1	
13	133002001/133002002	PH03 NI-CD	1	
12	311003012	LT2_HOUSING_R	1	ABS
11	321003004	BUTTON_SPRING	2	SPRING STEEL
10	311003011	ANGLE_BUTTON	2	PA6+GF30
9	211002001	SHAFT_BEARING	1	
8	333003002	LT2-SIDES-WHEEL ASSY	1	
7	311003010	SCREW M3.0x8	1	ABS
6	321002015	WS1 SAFETY_REVERSE	1	ABS
5	333003001	SCREW M3.0x12	1	STEEL, NI-PLATED
4	311003009	LT2_HOUSING_L	1	ABS
3	321003003	LT2_METAL-PLATED	1	P-BRONZE
2	311003008	LT2_SPRING	1	SPRING STEEL
1	324002002	LT2_SUPPORT_PLATED	7	ABS



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