

Part No. 8010

LASER[®]

Cordless Angle Grinder 20V (without Battery)

Instructions



Battery & charger available separately,
please see Laser part numbers:
8007: 10-cell lithium-ion battery (4.0Ah).
8008: Battery charger (UK plug).
8009: Battery charger (Euro plug).

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Introduction

This cordless angle grinder is part of the Laser professional workshop 'one battery powers all' cordless tool range with brushless motor technology designed and built for daily use. Cordless power is fast becoming the experts' choice over mains and pneumatic, bringing extra safety to the workforce environment.

This angle grinder features a compact design with comfortable grip. Supplied with a robust side handle and soft-grip body for added control. Spindle lock for quick disc changes and fully adjustable disc guard. Equipped with metal gears within a steel gear casing. M14 spindle for use with 115mm grinding or cutting discs.

This cordless tool is powered by a 4Ah lithium-ion battery (not included) that delivers fade-free performance for the entire run time. The tool will not experience a slow, gradual loss of power. When the battery needs to be charged the tool will stop. No memory effect on the battery allows the battery to quickly recover from a deep discharge with no reduction of capacity. The battery features an LED power-bar to determine its condition (level of power available).

Note: battery and battery charger not included. These are available under the following part numbers:

- | | |
|-------|--|
| 8007: | 10-cell lithium-ion battery - 4.0Ah. |
| 8008: | Mains powered battery charger — fitted with UK plug. |
| 8009: | Mains powered battery charger — fitted with euro plug. |

Refer to specific instructions included with battery and battery charger for details of fitting the battery pack to the tool and charging method.

Components

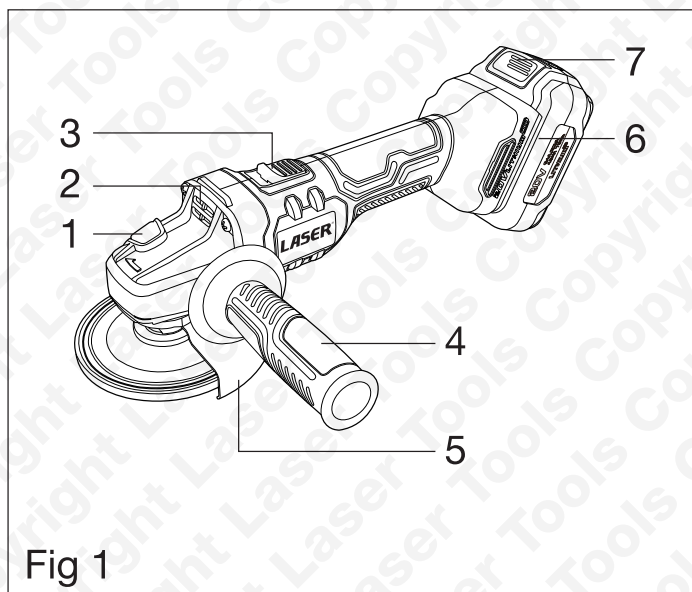


Fig 1

Ref.	Description
1	Spindle lock button
2	Gear case
3	ON / OFF switch
4	Side handle
5	Disc guard
6	Battery
7	Battery release button

Instructions

Specifications	
Voltage	20V
No load speed	8000 RPM
Disc diameter	115mm (4.5")
Spindle thread size	M14
Tested vibration emission value	1.84m/s2
Noise	85-130 dB
Weight (no battery)	1.6kg
Weight (with battery)	2.2kg

Operation:



Instructions

Fitting side handle:

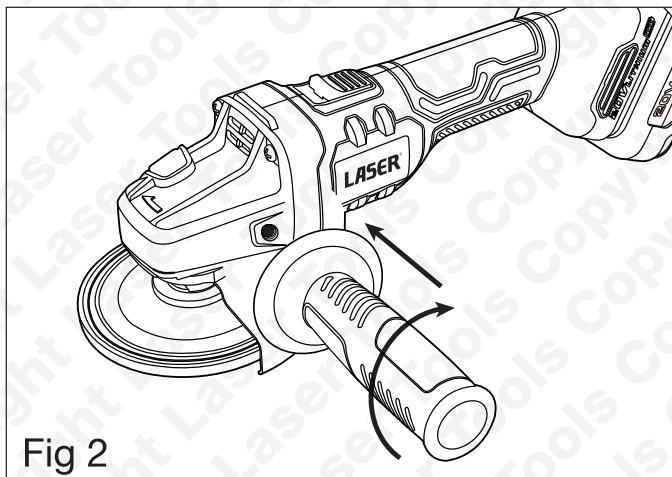


Fig 2

Instructions

Fitting a disc:

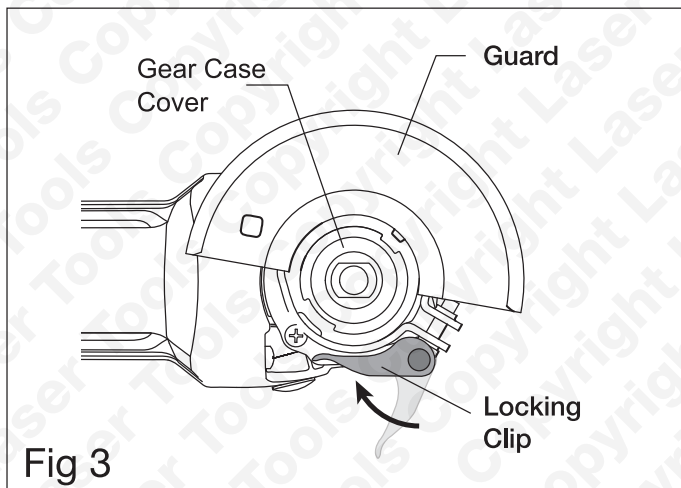
WARNING: Remove battery pack before fitting or removing grinding/cutting discs.

- Always work with guard in place — adjust guard to suit work angle (Fig. 3).
- Press spindle lock button to lock gearbox (Fig. 1).
- Use supplied pin-wrench to loosen / tighten the flange nut when replacing or changing grinding or cutting discs (Fig. 4).
- Orientation of flange nut depends on the fitment of a flat cutting disc, a depressed centre cutting disc, a flat grinding disc or a depressed centre grinding disc (Fig. 5).
- Ensure flange nut is fully tightened with spindle locked. Release spindle lock button when tight.

WARNING: Do not use discs that are cracked or damaged.

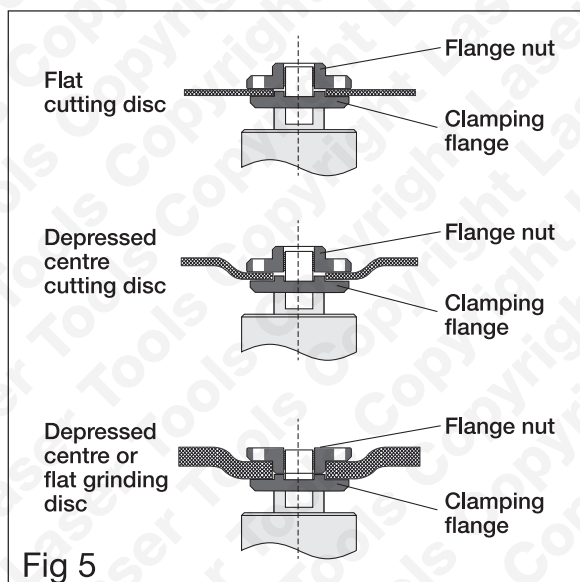
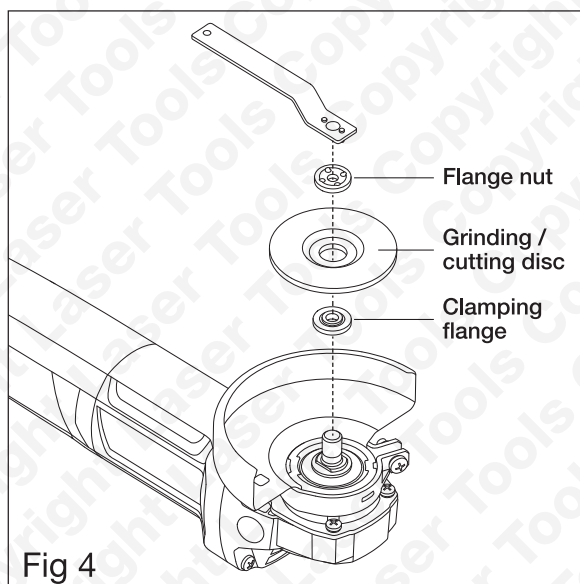
- The ON/OFF switch (3 in Fig. 1) is designed to avoid accidental starting — push forward then press down to lock in the ON position.
- To switch OFF, press down on rear of switch, it will slide back and OFF.

WARNING: The grinder will kick to the right when it starts — be aware of this and ensure that it is gripped tightly in both hands. Choose the position for the side handle to maintain comfortable use and stability (Fig. 6).



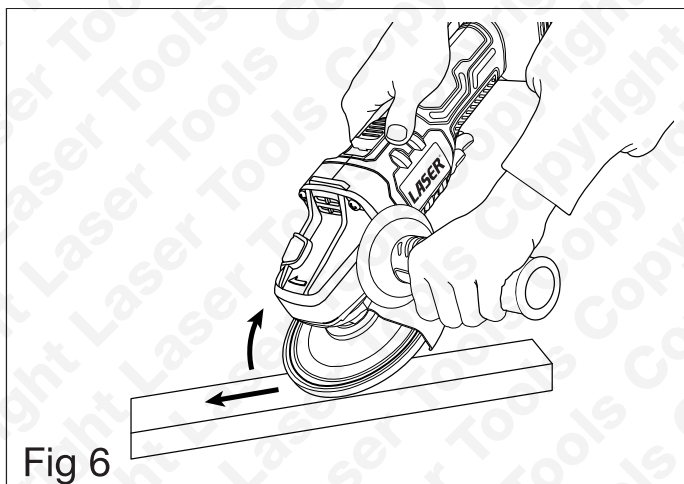
Instructions

Fitting a disc:



Instructions

Fitting a disc:



WARNING: Risk of hand and arm vibration injury. The operator (or employer) will need to carry out a health and safety risk assessment to determine a suitable duration for the use of the tool. This will be affected by the operator, the task, the material of the workpiece, and condition of tool.

Safety Warnings - please read



- Ensure that all operators have read and understood these instructions.
- Wear approved PPE: eye protection, ear defenders, gloves and protective clothing. If the grinding generates dust, wear a particle mask.
- Ensure no loose clothing, ties, watches, jewellery, etc. Contain long hair.
- Keep work area clean, tidy and free for any obstructions. Ensure adequate lighting.
- Refer to specific instructions included with battery and battery charger for details of fitting the battery pack to the tool and charging method.
- Always remove the battery pack before changing grinding / cutting discs, adjusting the guard or performing any maintenance.
- Only use approved grinding or cutting discs — do not use discs that are cracked or damaged.
- Ensure workpiece cannot move around — mount in a vice or secure with clamps if necessary.
- Do not switch on the grinder if the disc is in contact with the workpiece.
- Do not touch the grinding disc when the grinder is switched on.
- Do not touch the workpiece immediately after grinding or cutting, it will be very hot.
- Do not use the grinder if it is damaged or parts are missing.
- Do not operate the grinder in the presence of flammable material, liquids or gases. The grinder will produce a stream of sparks (especially when grinding metal) that are a potential source of ignition.
- Do not allow the grinder sparks to make contact with the operator's clothing.
- Do not grind any materials containing asbestos.
- Do not let the air vents on the grinder become clogged with dirt or covered in any way; this will cause overheating.
- Do not let the grinder get wet or use in damp or wet conditions.
- Do not use the grinder as a fixed tool (for example, mounted in a vice) and do not leave the grinder running unattended.
- When not in use, remove the battery pack and store in dry, secure conditions.
- Keep the tool clean at all times. Always wear eye protection and protective gloves when cleaning the tool. For cleaning use a dry cloth and soft brush. Water must never come in contact with the tool. Use clean, dry compressed air to blow through the air vents.
- Do not use the grinder for tasks it is not designed for. Use the product correctly and with care. Failure to do so may cause damage and/or personal injury and will invalidate the warranty.

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



Safety First. Be Protected.

Guarantee

In addition to the standard 12 months warranty offered on all Tool Connection products, by registering your cordless power tool, you will receive an additional 2 years warranty.



To register your product please visit:

www.toolconnection.co.uk/powertools/productregistration

Please register within 30 days of purchase. Non-registered products remain under our standard 12-month product warranty. See our full terms and conditions for further details.



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8010_Instructions_V3

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Part No. 8007

LASER[®]

4Ah 20V Li-ion Battery

‘One Battery Powers All’

Instructions



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Introduction

A professional workshop 'one battery powers all' cordless tool range with brushless motor technology built for daily use. This 20V 4.0Ah battery features 10 lithium cells, diagnostic LED to read health plus built in protection against over heating and overcharging. Cordless power is fast becoming the experts choice over mains and pneumatic, bringing extra safety to the workforce environment.

For use across Laser Cordless Power Tool Range:

8010 - Cordless Angle Grinder 20V

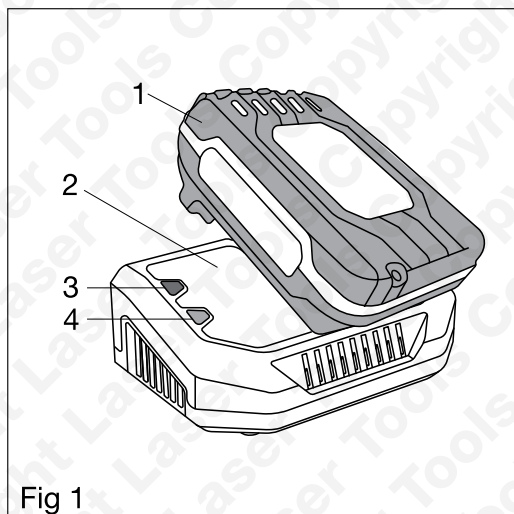
8011 - Cordless Variable Speed Impact Drill 20V

8012 - Cordless Impact Screwdriver 20V

8013 - Cordless Impact Wrench 1/2"D 20V

8073 - Cordless Polisher 20V

Components



Ref.	Description
1	Battery (Li-ion 20V 4Ah)
2	Charger (available separately)
3	LED: ON (red)
4	LED: CHARGING (green)

Instructions

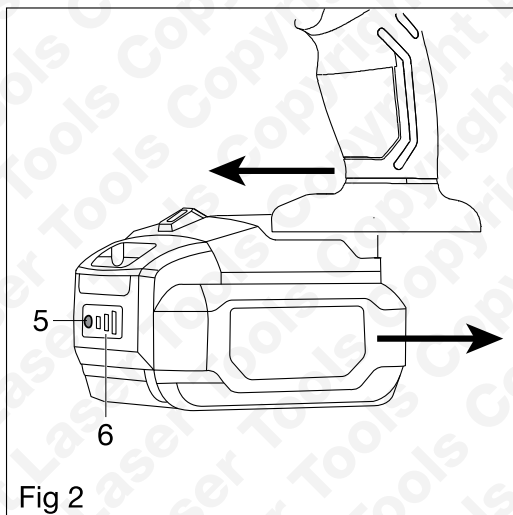
Charging:

Although the batteries are supplied partially charged, always fully charge the battery before first use.



1. Only use this battery with the correct Laser cordless tool range charger (available separately - part number 8008 UK Plug/8009 Euro Plug).
2. Connect the charger to the mains power supply.
3. Align the raised ribs on the battery with the slot on the charger; slide the battery onto the charger and push fully home until the release button clicks into place.
4. Refer to Figure 1: the LEDs (3 and 4) will light and evaluate the condition of the battery:
5. Red LED ON and green LED FLASHING: battery is charging.
6. Red LED ON and green LED ON: battery is fully charged.
7. Red LED and green LED flash alternately: battery or charger is faulty.

Instructions



Ref.	Description
5	Battery condition button
6	Battery condition LEDs

The lithium-ion battery pack delivers fade-free performance for the entire run time. The tool will not experience a slow, gradual loss of power. When the battery needs to be charged the tool will stop. No memory effect on the battery allows the battery to quickly recover from a deep discharge with no reduction of capacity.

Refer to Figure 2: To determine the condition of the battery pack (level of power available) press the battery condition button (5).

The power-bar of blue battery condition LEDs (6) will light up — three LEDs mean full power, and as the power level is depleted the power-bar will display less LEDs. When the battery's power has run out, and the trigger on the tool is pressed, the LEDs on the power-bar will flash rapidly. The battery pack should now be recharged. Average charge time: 1 hr.

Remove the battery by depressing the release button then slide off the tool. See section above (Charging) and recharge the battery.

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Guarantee

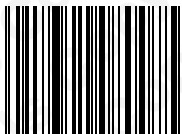
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To register your product please visit:

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8007_Instructions_V2

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Part No. 8008
8009

LASER[®]

Battery Charger 230V Mains 4amp

Instructions



 8008

 8009

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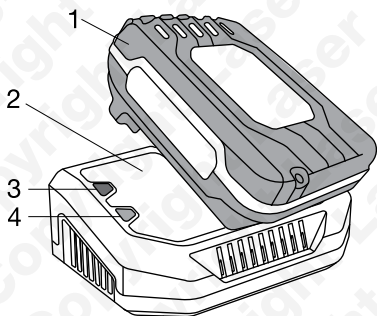
Introduction

This is a professional workshop 'one battery powers all' cordless tool range with brushless motor technology designed and built for daily use. This 230V (4 Amp) battery charger is used with the 10-cell lithium batteries (part number 8007). Features include diagnostic LED plus built-in protection against overheating and overcharging. CE and RoHS approved. Average charge time: 1 hour. Battery discharge time approximately 40min – 115min depending on tool and usage.

Cordless power is fast becoming the experts' choice over mains and pneumatic, bringing extra safety to the workforce environment.

Components

Fig 1

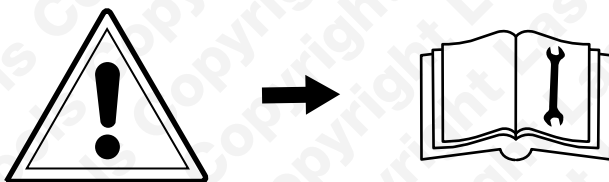


Ref.	Description
1	*Battery (Li-ion 20V 4Ah)
2	Charger
3	LED: ON (red)
4	LED: CHARGING (green)

*Battery shown for illustration purposes only and is not included with the charger.

Instructions

Charging:

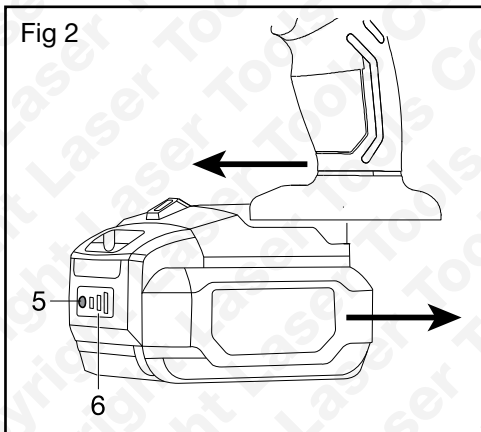


Although the batteries are supplied partially charged, always fully charge the battery before first use.

1. Only use this charger with the correct Laser cordless tool range battery (Li-ion 20V 4Ah — part number 8007).
2. Connect the charger to the mains power supply.
3. Align the raised ribs on the battery with the slot on the charger; slide the battery onto the charger and push fully home until the release button clicks into place.
4. Refer to Figure 1: the LEDs (3 and 4) will light and evaluate the condition of the battery:
5. Red LED ON and green LED FLASHING: battery is charging.
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7. Red LED and green LED flash alternately: battery or charger is faulty.

Instructions

Fig 2



Ref.	Description
5	Battery condition button
6	Battery condition LEDs

The lithium-ion battery pack delivers fade-free performance for the entire run time. The tool will not experience a slow, gradual loss of power. When the battery needs to be charged the tool will stop. No memory effect on the battery allows the battery to quickly recover from a deep discharge with no reduction of capacity.

Refer to Figure 2: To determine the condition of the battery pack (level of power available) press the battery condition button (5). The power-bar of blue battery condition LEDs (6) will light up — three LEDs mean full power, and as the power level is depleted the power-bar will display less LEDs. When the battery's power has run out, and the trigger on the tool is pressed, the LEDs on the power-bar will flash rapidly. The battery pack should now be recharged. Average charge time: 1 hr.

Remove the battery by depressing the release button then slide off the tool. See section above (Charging) and recharge the battery.

Safety Warnings - please read

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8008_8009_Instructions_V3



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