

metabo 602396840

Metabo SSD 18 LTX 200 BL Power Wrench User Manual

Model: 602396840 | Brand: Metabo

1. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of electric shock, fire, and serious injury.

1.1 General Power Tool Safety Warnings

- **Work area safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- **Electrical safety:** Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal safety:** Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.
- **Tool use and care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

1.2 Specific Safety Instructions for Impact Drivers

- Wear ear protectors when impact drilling. Exposure to noise can cause hearing loss.
- Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring. Fasteners contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.
- Always ensure the battery pack is securely latched before operation.

2. PRODUCT OVERVIEW

The Metabo SSD 18 LTX 200 BL is a compact, powerful cordless impact driver designed for various fastening applications. It features a brushless motor for extended service life and high efficiency.



Figure 2.1: Front view of the Metabo SSD 18 LTX 200 BL power wrench, showcasing its compact design and ergonomic grip.

2.1 Components

- 1/4" Internal Hexagon Chuck
- Trigger Switch
- Forward/Reverse Rotation Selector
- LED Work Light
- Battery Pack Interface (Battery not included)
- Belt Hook (included)

2.2 Intended Use

This impact driver is intended for driving and loosening screws and bolts, as well as for drilling in wood, metal, and plastic. It is suitable for professional and DIY use. Do not use the tool for purposes other than those specified.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	602396840
Voltage	18 Volt
Max Torque	200 Nm (Newton Meters)
No-Load Speed	Up to 2900 RPM (Revolutions Per Minute)
Chuck Type	1/4" Internal Hexagon (6.35 mm)
Motor Type	Brushless
Weight (without battery)	1.3 kg
Compatible Battery Type	Lithium-ion (18V Metabo LiHD or Li-Power)
Included Components	Belt hook, metaBOX 145 (Battery and charger not included)

4. SETUP

4.1 Battery Installation

1. Ensure the tool is switched off.
2. Align the battery pack with the battery port on the tool handle.
3. Slide the battery pack into the tool until it clicks securely into place.
4. To remove, press the battery release button(s) and slide the battery pack out.



Figure 4.1: The Metabo SSD 18 LTX 200 BL power wrench with a compatible 18V Lithium-ion battery attached, demonstrating proper battery installation.

4.2 Bit Installation

1. Pull the chuck collar forward to open the chuck.
2. Insert the 1/4" hex shank bit fully into the chuck.
3. Release the chuck collar. The bit should be held firmly. Pull on the bit to ensure it is locked.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

The tool is powered on by pressing the trigger switch and powered off by releasing it.

5.2 Forward/Reverse Rotation

The forward/reverse rotation selector is located above the trigger switch. Push the selector to the left for forward rotation (tightening) and to the right for reverse rotation (loosening). Ensure the selector is in the center position for trigger lock when not in use.

5.3 Speed Control

The speed of the tool is controlled by the pressure applied to the trigger switch. Pressing the trigger further

increases the speed and impact frequency.

5.4 Working with the Tool



Figure 5.1: A user operating the Metabo SSD 18 LTX 200 BL power wrench in an overhead application, demonstrating its versatility and ease of use in various working positions.

When driving fasteners, apply firm, steady pressure to the tool. The impact mechanism will engage automatically when resistance is met, providing additional torque. For optimal performance and to prevent damage to fasteners or the workpiece, select the appropriate bit for the task.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the ventilation slots of the tool to prevent overheating. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.

6.2 Storage

Store the tool in a dry, secure location, out of reach of children. If storing for extended periods, remove the battery pack.

6.3 Battery Care

- Charge battery packs only with chargers recommended by Metabo.
- Do not expose battery packs to extreme temperatures or direct sunlight.
- Store battery packs in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or not properly inserted.	Charge battery. Ensure battery is fully inserted and latched.
Reduced power/torque	Low battery charge.	Recharge battery pack.
Bit not held securely	Chuck collar not fully released or bit not fully inserted.	Ensure bit is fully inserted and chuck collar is released.
Overheating	Blocked ventilation slots or continuous heavy use.	Clean ventilation slots. Allow tool to cool down.

8. WARRANTY AND SUPPORT

Metabo products are manufactured to the highest quality standards. For information regarding warranty terms, service, or technical support, please refer to the official Metabo website or contact your local authorized Metabo dealer. Keep your proof of purchase for warranty claims.