

## Beta Beta 1972/18

# Beta 1972/18 Impact Driver User Manual

Brand: Beta | Model: 1972/18

## 1. PRODUCT OVERVIEW

The Beta 1972/18 is an ultra-compact 18V brushless impact driver designed for professional use. It features a digital motor for enhanced performance, offering more power, reduced consumption, and precise power dosage.

- **Brushless Digital Motor:** Provides increased power and efficiency.
- **High Torque:** Up to 75 Nm for demanding applications.
- **Variable Speed:** Up to 2100 RPM for versatile drilling and driving.
- **LED Front Lighting:** Illuminates the work area for improved visibility.
- **Battery Protection:** Triple battery self-protection against overload and cell power differences.



Figure 1.1: The Beta 1972/18 Impact Driver, showcasing its compact design and ergonomic handle.

## 2. INCLUDED COMPONENTS

Your Beta 1972/18 Impact Driver package includes the following items:

- Beta 1972/18 Impact Driver
- 2 x 5Ah Lithium-Ion Batteries
- Quick Charger (80 minutes charging time)
- Hard Case for storage and transport
- Belt Clip (right/left mountable)



Figure 2.1: All components of the Beta 1972/18 kit neatly organized within the durable hard case.

## 3. SETUP AND ASSEMBLY

### 3.1 Charging the Battery

1. Connect the quick charger to a suitable power outlet.
2. Slide the 5Ah Lithium-Ion battery onto the charger until it clicks into place.
3. Allow approximately 80 minutes for a full charge. The charger will indicate when charging is complete.
4. Once charged, remove the battery from the charger.

### 3.2 Installing the Battery

- Align the charged battery with the base of the impact driver.
- Slide the battery firmly into the tool until it locks securely.
- To remove, press the battery release buttons on the sides and slide the battery out.

### 3.3 Attaching the Belt Clip

The belt clip can be attached to either the right or left side of the tool for convenient carrying.

1. Locate the screw hole on the side of the tool where you wish to attach the clip.
2. Align the belt clip with the hole and secure it with the provided screw.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off and Speed Control

- To power on the tool, press the trigger switch. The LED front light will illuminate.
- To power off, release the trigger switch.
- The tool features a variable speed trigger. Pressing the trigger further increases the speed up to 2100 RPM.
- Use the speed selector switch (if present, typically near the chuck) to choose between two speed ranges for different applications.

### 4.2 Torque Adjustment

The torque collar allows you to adjust the amount of torque applied, preventing overtightening or stripping screws. Rotate the collar to select the desired torque setting, up to 75 Nm.

### 4.3 Drilling and Driving

1. Insert the appropriate drill bit or driver bit into the chuck. Tighten the chuck securely.
2. Select the desired speed and torque setting.
3. Position the tool firmly against the workpiece.
4. Press the trigger to begin drilling or driving. Apply steady, even pressure.
5. For drilling into steel, the maximum recommended diameter is 13 mm. For wood, it is 45 mm.





Figure 4.1: Demonstrating the Beta 1972/18 in action, drilling into a wooden surface.



Figure 4.2: The compact design allows for use in confined spaces, such as under a car hood.

## 5. MAINTENANCE

### 5.1 Cleaning

- Always disconnect the battery before cleaning.
- Wipe the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep ventilation openings clear of dust and debris. Use compressed air if necessary.

## 5.2 Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge batteries to approximately 50% capacity.
- Do not store batteries in a discharged state to prevent damage.

## 5.3 General Maintenance

- Regularly inspect the chuck for wear and tear.
- Check the power cord of the charger for any damage.
- Ensure all screws and fasteners on the tool are tight.

# 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted.
Reduced power/performance	Battery low or tool overloaded.	Recharge battery. Reduce load on the tool.
Battery not charging	Charger not connected, faulty battery, or extreme temperature.	Check charger connection. Allow battery to reach room temperature. Contact support if issue persists.
Excessive vibration or noise	Loose bit, damaged chuck, or internal issue.	Ensure bit is securely fastened. Inspect chuck for damage. If problem persists, seek professional service.

# 7. SPECIFICATIONS

Feature	Detail
Manufacturer	Beta
Part Number	019720018
Item Model Number	Beta 1972/18
Power Source	Electric (Battery)
Voltage	18 Volts
Torque	75 Newton Meters
Speed	2100 RPM (Max)

Feature	Detail
Special Features	Brushless Motor, Compact
Usage	Professional
Included Components	2 x 5Ah Li-ion batteries, Quick charger (80 min)
Battery Cell Type	Lithium Ion
Item Weight	5.88 kg
Package Dimensions	46.5 x 36 x 14.5 cm
Date First Available	15 Jun. 2019

## 8. WARRANTY AND SUPPORT


The Beta 1972/18 Impact Driver comes with a **3-Year Warranty**, ensuring peace of mind regarding its quality and performance.



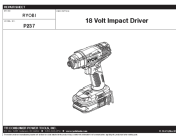

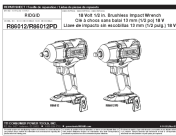
Beta Tools is a leading company in Italy for the design and production of professional work tools. They maintain a strong presence with three production facilities in Italy, demonstrating their commitment to quality and customer satisfaction.

For technical assistance, warranty claims, or any product-related inquiries, please refer to the contact information provided in your product packaging or visit the official Beta Tools website. Keep your purchase receipt as proof of purchase for warranty purposes.

For more information, you may visit the [Beta Brand Page on Amazon](#).

### Related Documents - Beta 1972/18

	<p><a href="#">Ryobi P238 18 Volt Impact Driver Repair Sheet</a></p> <p>Comprehensive repair sheet for the Ryobi P238 18 Volt Impact Driver, featuring a detailed parts list, exploded view description, and wiring diagram. Information provided by TTI Consumer Power Tools, Inc.</p>
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	<p><a href="#">FLEX PD 2G 18.0-EC/5.0 Set: 18V Cordless Impact Drill Driver</a></p> <p>Detailed overview of the FLEX PD 2G 18.0-EC/5.0 Set, a 2-speed 18V cordless impact drill driver featuring brushless motor technology, electronic management system, and included accessories like batteries and L-BOXX case.</p>
	<p><a href="#">Einhell TP-CD 18 Li-i Brushless-Solo Cordless Impact Drill   Technical Specifications &amp; Features</a></p> <p>Explore the Einhell TP-CD 18 Li-i Brushless-Solo cordless impact drill/driver. This product features a powerful brushless motor, 2-speed gearing, a 13mm metal chuck, and an LED work light. Find detailed technical data, logistic information, battery running times, and a list of available Power X-Change accessories.</p>
	<p><a href="#">RYOBI P237 18 Volt Impact Driver Repair Sheet and Parts List</a></p> <p>Official repair sheet and parts list for the RYOBI P237 18 Volt Impact Driver, including model details, component breakdown, and wiring diagram.</p>
	<p><a href="#">HEINE Charger, Handle, and Battery Compatibility Guide</a></p> <p>HEINE compatibility matrix detailing compatible chargers, handles, and batteries from 1994-2020. Find the right HEINE medical device accessories.</p>
	<p><a href="#">RIDGID 18V Impact Wrench R86012/R86012PD Repair Sheet</a></p> <p>This document provides a detailed repair sheet for the RIDGID 18 Volt 1/2 inch Brushless Impact Wrench, models R86012 and R86012PD. It includes part numbers, descriptions, and diagrams for all components.</p>