

## Amtech L2130

# Amtech L2130 14 Piece 13mm (1/2") Drive Impact Driver Set User Manual

Model: L2130

## 1. PRODUCT OVERVIEW

The Amtech L2130 is a 14-piece 1/2" drive impact driver set designed for the efficient removal or tightening of stubborn nuts, bolts, and screws. This manual provides instructions for the proper use and maintenance of your impact driver set.

The set includes a robust impact driver handle and a versatile assortment of chrome vanadium bits, all housed in a durable plastic storage case for convenience and organization.



Figure 1: Amtech L2130 14 Piece 1/2" Drive Impact Driver Set. This image displays the impact driver handle and the various bits neatly organized within its metal storage case.

## 2. PACKAGE CONTENTS

The Amtech L2130 Impact Driver Set includes the following components:

- 1 x 1/2" Drive Impact Driver Handle
- Assorted Chrome Vanadium Bits:
  - Slotted: 5mm, 6mm, 8mm
  - Phillips: PH1, PH2, PH3
  - Pozi: PZ1, PZ2, PZ3
  - Hex: 4mm, 5mm, 6mm, 8mm
- 1 x Durable Plastic Storage Case



Figure 2: Amtech L2130 14 Piece 1/2" Drive Impact Driver Set as packaged. This image shows the product in its retail plastic packaging, highlighting the included components and key features.

### 3. SETUP AND BIT INSTALLATION

1. **Select the Correct Bit:** Identify the type and size of the fastener (screw, bolt) you intend to work with. Choose the appropriate Phillips, Slotted, Pozi, or Hex bit from the set.
2. **Insert the Bit:** The impact driver features a 1/2" square drive. Insert the chosen bit firmly into the driver's chuck. Ensure it is seated completely to prevent slippage during operation.
3. **Secure the Fastener:** Place the tip of the selected bit into the head of the fastener. Ensure a snug fit to prevent cam-out and damage to the fastener head.

### 4. OPERATING INSTRUCTIONS

The Amtech L2130 impact driver is designed to convert the force of a hammer blow into a powerful rotational force, making it effective for loosening seized fasteners or tightening them securely.

1. **Set Direction:** The impact driver typically has a directional selector (often a rotating collar or switch) to choose between tightening (clockwise) and loosening (counter-clockwise) modes. Ensure it is set to the desired direction.
2. **Position the Tool:** Place the impact driver with the installed bit firmly against the fastener head.



Apply downward pressure to keep the bit engaged.

3. **Apply Impact:** Strike the rear end of the impact driver with a hammer. A single, sharp blow is usually sufficient. The internal mechanism will convert this impact into a powerful rotational force, turning the fastener.
4. **Repeat if Necessary:** For very stubborn fasteners, multiple blows may be required. Re-position the tool and apply additional impacts as needed.
5. **Safety Precautions:**
  - Always wear appropriate personal protective equipment, including safety glasses, when using impact tools.
  - Ensure the workpiece is stable and secured before applying force.
  - Do not use excessive force that could damage the tool or the fastener.
  - Keep hands clear of the striking area.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your Amtech L2130 Impact Driver Set.

- **Cleaning:** After each use, wipe down the impact driver and bits with a clean, dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild solvent can be used, ensuring it does not damage plastic components.
- **Lubrication:** Periodically apply a light coat of machine oil to the moving parts of the impact driver mechanism to ensure smooth operation. Avoid over-lubrication.
- **Storage:** Always store the impact driver and bits in the provided plastic storage case. This protects the components from damage, corrosion, and loss, and keeps them organized. Store in a dry environment.
- **Inspection:** Regularly inspect the bits for wear or damage. Replace any worn or damaged bits to maintain effective performance and prevent damage to fasteners. Check the impact driver handle for any signs of cracking or deformation.

## 6. TROUBLESHOOTING

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If you encounter issues while using your Amtech L2130 Impact Driver Set, consider the following:

- **Fastener Not Turning:**
  - Ensure the correct bit size and type is being used for the fastener.
  - Verify the impact driver's directional selector is set correctly (loosening or tightening).
  - Apply firm downward pressure to keep the bit engaged with the fastener head.
  - Ensure the hammer blow is sharp and direct to the center of the driver's striking surface.
- **Bit Slipping (Cam-out):**
  - This often indicates an incorrect bit size or insufficient downward pressure.
  - Inspect the bit for wear; a worn bit will slip more easily.
  - Ensure the bit is fully seated in the impact driver's chuck.
- **Driver Mechanism Feels Stiff:**
  - The internal mechanism may require lubrication. Refer to the Maintenance section.

- Clean any accumulated dirt or debris from the driver's moving parts.

## 7. SPECIFICATIONS

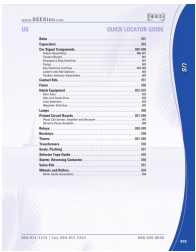

Brand	Amtech
Model Number	L2130
Drive Size	1/2 inch (13mm)
Number of Pieces	14
Material	Plastic, Metal (Chrome Vanadium bits)
Finish Type	Chrome
Item Weight	2.42 pounds (approx. 1.1 kg)
Product Dimensions	9.45 x 9.45 x 1.57 inches (approx. 24 x 24 x 4 cm)
Included Components	Impact Driver, Assorted Bits, Storage Case


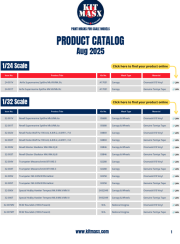

## 8. WARRANTY AND SUPPORT

Amtech products are designed for reliability and performance. This product comes with **3-year product guarantee**.

For any product-related inquiries or to utilize the free product advice service, please refer to the contact information provided on the product packaging or visit the official Amtech website. Ensure you retain your proof of purchase for warranty claims.

### Related Documents - L2130

	<p><a href="#">SEES Inc. Quick Locator Guide: Elevator and Industrial Components Catalog</a></p> <p>A comprehensive quick locator guide from SEES Inc. featuring a wide range of elevator and industrial components, including car signal parts, switches, relays, transformers, seals, wheels, and more. This catalog provides detailed part numbers, descriptions, and OEM information for easy identification and ordering.</p>
	<p><a href="#">Kit Masx Canopy Mask Sets Catalog</a></p> <p>Explore the comprehensive catalog of canopy mask sets from Kit Masx, designed to streamline the painting process for scale model enthusiasts. These precision-cut masks are compatible with a wide range of model kits from various manufacturers and scales, ensuring a clean and professional finish for your projects.</p>

	<p><a href="#">Kit Masx Product Catalog - Paint Masks for Scale Models</a></p> <p>Explore the comprehensive Kit Masx Product Catalog for July 2025, featuring a wide range of high-quality paint masks for scale models across various popular scales, including 1/24, 1/32, 1/48, and 1/72.</p>
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	<p><a href="#">US Market Securities Instrument Group Trading Information</a></p> <p>A comprehensive list of qualified investments within the US Market Securities Instrument Group, detailing trading symbols, issuers, investment types, and ISINs. This document outlines trading schedules, specifying that trading occurs from 4:30 p.m. onwards for most qualified investments, excluding exchange-traded funds (ETFs).</p>