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> [LIBRATON 54PCS Magnetic Nut Driver Set Instruction Manual](#)

LIBRATON B0D2HFT357

LIBRATON 54PCS Magnetic Nut Driver Set Instruction Manual

Brand: LIBRATON | Model: B0D2HFT357

1. PRODUCT OVERVIEW

The LIBRATON 54PCS Magnetic Nut Driver Set is a comprehensive collection of tools designed for various fastening applications. This set includes a wide range of nut drivers, socket adapters, bit extension holders, and screwdriver bits, all organized in a durable storage box. It is engineered for compatibility with impact drills and standard screwdrivers, providing versatility and efficiency for both professional and DIY tasks.



Image 1.1: The complete LIBRATON 54PCS Magnetic Nut Driver Set, showcasing all included components.

2. PACKAGE CONTENTS

Your LIBRATON 54PCS Magnetic Nut Driver Set includes the following components:

- **18 PCS Nut Drivers:**
 - Metric Sizes: 5mm, 6mm, 7mm, 8mm, 10mm, 11mm, 12mm, 13mm, 14mm
 - SAE Sizes: 3/16", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- **3 PCS Socket Adapters:** 1/4", 3/8", 1/2"
- **3 PCS Bit Extension Holders:** 60mm, 100mm, 150mm
- **24 PCS 1" Screwdriver Bits:**
 - Phillips: PH0, PH1, PH2, PH3
 - Slotted: SL3, SL4, SL5, SL6
 - Hex: H4, H5, H6

- Pozidriv: PZ1, PZ2, PZ3
- Torx: T5, T6, T8, T10, T15, T20, T25, T27, T30, T35
- **4 PCS 2" Screwdriver Bits:**
 - Phillips: PH1, PH2
 - Slotted: SL2
 - Square: SQ2
- **2 PCS Wing Nut Drivers:** 9mm, 12mm
- Durable Blow Molding Storage Box



Image 2.1: The organized layout of the nut driver set within its durable storage case.



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NUT DRIVER SET 54PCS



Image 2.2: A closer look at the various 1-inch and 2-inch S2 steel screwdriver bits.



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NUT DRIVER SET 54PCS

**SPRING LOADED
DETENT BALL**
Secure & Tight Fit



**QUICK-
RELEASE**
Quickly Install the Bits

Image 2.3: The full range of 65mm nut drivers, including both SAE and Metric sizes.

3. KEY FEATURES

- **Premium Quality Materials:** Nut drivers, socket adapters, bit extension holders, and wing nut drivers are constructed from high-grade Cr-V steel for enhanced durability and shock resistance. Screwdriver bits are made from S2 steel, ensuring strong hardness and extended service life.
- **High Performance Design:** All components feature a 1/4" hex shank, allowing for universal compatibility with a wide range of quick-change chucks, impact drills, and standard drills.
- **Strong Magnetism:** Each nut driver is equipped with a premium magnet to securely hold drill bits in place, preventing slippage during operation.
- **Quick-Release Mechanism:** The extension holders feature a quick-release function for fast and efficient bit installation and removal.
- **Secure Fit:** Spring-loaded detent balls on adapters and extensions ensure a secure and tight fit with sockets and bits.



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NUT DRIVER SET 54PCS

CR-V BIT EXTENSION HOLDERS

60mm/100mm/150mm



1/4", 3/8", 1/2"
**CR-V SOCKET
ADAPTERS**

Image 3.1: Illustration of the premium Cr-V and S2 steel materials used, highlighting the universal 1/4" hex shank.



NUT DRIVER SET **54PCS**

**STRONG
MAGNETISM**
Hold the Drill Bit Firmly



1/4" HEX SHANK
Match with All 1/4" Drivers

Image 3.2: Visual representation of the strong magnetism, secure detent ball, quick-release mechanism, and hex opening for easy bit embedding.

4. SETUP AND ASSEMBLY

The LIBRATON Nut Driver Set is designed for quick and easy setup. Follow these steps to prepare your tools for use:

1. **Select the Appropriate Bit:** Identify the correct nut driver, screwdriver bit, or socket adapter for your specific fastening task.
2. **Attach to Driver:**
 - For nut drivers and screwdriver bits, insert the 1/4" hex shank directly into your impact drill, power drill, or electric screwdriver's chuck. Ensure it is securely seated.
 - If using a bit extension holder, first insert the desired bit into the extension holder's quick-release mechanism. Pull back the collar of the extension holder, insert the bit, and release the collar to lock it in place. Then, insert the extension holder's 1/4" hex shank into your power tool.
 - For socket adapters, attach the appropriate socket to the adapter's square drive end, ensuring the spring-

loaded detent ball engages for a secure fit. Then, insert the adapter's 1/4" hex shank into your power tool.

3. **Verify Connection:** Gently pull on the installed bit or adapter to ensure it is firmly seated and will not detach during operation. The strong magnetism in the nut drivers will help hold the bits securely.



Image 4.1: The nut driver set in use with an impact driver, demonstrating proper attachment for fastening.

5. OPERATING INSTRUCTIONS

Once the desired bit or adapter is securely attached to your power tool, you can proceed with your task. Always ensure you are using the correct size and type of bit for the fastener to prevent damage to the fastener or the tool.

- **Nut Drivers:** Use the appropriate metric or SAE nut driver for hexagonal nuts and bolts. The internal magnet helps hold the fastener in place for easier starting and removal.
- **Screwdriver Bits:** Select the correct Phillips, Slotted, Hex, Pozidriv, or Torx bit for screws. Apply steady pressure and maintain alignment to prevent cam-out.
- **Socket Adapters:** These allow you to use standard sockets with your impact drill or power drill, expanding the

versatility of your tool for larger nuts and bolts.

- **Bit Extension Holders:** Use these extensions (60mm, 100mm, 150mm) to reach fasteners in confined or deep spaces. The quick-release mechanism facilitates rapid bit changes.
- **Wing Nut Drivers:** Specifically designed for quickly tightening or loosening wing nuts, eye hooks, and C hooks without manual effort.

Always wear appropriate personal protective equipment (PPE), such as safety glasses, when operating power tools.

6. MAINTENANCE AND STORAGE

Proper maintenance and storage will extend the life of your LIBRATON Nut Driver Set and ensure its optimal performance.

- **Cleaning:** After each use, wipe down all components with a clean, dry cloth to remove any dirt, dust, or debris. For stubborn grime, a slightly damp cloth can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a light coat of machine oil to the metal parts, especially the quick-release mechanism and detent balls, to ensure smooth operation and prevent rust.
- **Inspection:** Regularly inspect bits and drivers for signs of wear, damage, or corrosion. Replace any worn or damaged components to maintain safety and performance.
- **Storage:** Always store the set in its original blow molding storage box. This protects the tools from environmental elements, keeps them organized, and makes them easy to transport. Store in a cool, dry place away from direct sunlight and excessive humidity.



NUT DRIVER SET **54PCS**

1INCH S2 SCREWDRIVER BITS

- PHILLIPS** PH0,PH1,PH2,PH3
- SLOTTED** SL3,SL4,SL5,SL6
- HEX** H4,H5,H6
- POZIDRIV** PZ1,PZ2,PZ3
- TORX** T5,T6,T8,T10,T15,T20,
T25,T27,T30,T35



2INCH S2 SCREWDRIVER BITS

- PHILLIPS** PH1, PH2
- SLOTTED** SL2, S02



Image 6.1: The durable blow molding box provides convenient storage and portability for the entire set.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your LIBRATON Nut Driver Set.

Problem	Possible Cause	Solution
Bit not holding securely in nut driver.	Insufficient magnetic contact; debris in driver; worn bit.	Ensure bit is fully inserted. Clean any debris from the driver's magnetic area. Replace worn bits.
Bit or adapter difficult to insert/remove from extension holder or power tool.	Quick-release collar not fully pulled back; debris; lack of lubrication.	Ensure the quick-release collar is fully retracted. Clean any debris. Apply a small amount of lubricant to the mechanism.

Problem	Possible Cause	Solution
Fastener stripping or cam-out.	Incorrect bit size/type; insufficient pressure; excessive speed.	Verify you are using the correct bit for the fastener. Apply firm, consistent pressure. Use appropriate speed settings on your power tool.

8. SPECIFICATIONS

Attribute	Detail
Brand	LIBRATON
Model Number	B0D2HFT357 (ASIN)
Number of Pieces	54
Material	Chrome Vanadium Steel (Cr-V), S2 Steel
Item Weight	3.87 pounds
Item Length	2.87 Inches (individual component length may vary)
Compatible Fastener Range	Screws, bolts, and nuts including Slotted, Phillips, Hex, Square, and Torx types.
UPC	630808009655

9. WARRANTY AND SUPPORT

LIBRATON is committed to providing high-quality products and excellent customer service. If you encounter any issues with your 54PCS Magnetic Nut Driver Set, please do not hesitate to contact our support team.

Our service team is available to reply to your messages within 24 hours to assist with any problems or concerns you may have regarding the product.

For further assistance or to explore other LIBRATON products, please visit the official [LIBRATON Store on Amazon](#).

10. IMPORTANT SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using power tools with this set.
- Ensure bits and adapters are securely seated in the chuck or extension before operation.
- Do not use damaged or worn bits, as this can lead to injury or damage to fasteners.
- Keep out of reach of children.
- Use the correct bit size and type for the fastener to prevent stripping or damage.



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