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LEXIVON LX-122

LEXIVON Magnetic Swivel Spark Plug Socket (LX-122) Instruction Manual

Model: LX-122 | Brand: LEXIVON

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1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your LEXIVON Magnetic Swivel Spark Plug Socket (Model LX-122). This tool is designed for the removal and installation of spark plugs in various vehicles, offering enhanced flexibility and secure handling.

Please read this manual thoroughly before using the product and retain it for future reference.

2. KEY FEATURES

- Magnetic Retention:** Features a strong magnetic core to securely hold spark plugs, preventing drops and damage during installation and removal.
- 360-Degree Swivel Joint:** Provides maximum flexibility for accessing spark plugs in confined or hard-to-reach engine compartments.
- Durable Construction:** Manufactured from hardened Chrome Vanadium (Cr-V) steel alloy for superior torque strength and long-lasting performance.
- Corrosion Resistance:** Fully polished, mirror chrome finish resists corrosion and is easy to clean. The knurled grip prevents slipping.
- Low Profile Design:** Thin-wall design allows for easy insertion into narrow spark plug wells.
- Laser-Etched Markings:** Sizes are clearly laser-etched for quick identification.
- Standard Compliance:** Meets and Exceeds ANSI (The American National Standard Institute) standards.

ANGOLO D'AZIONE DI 360°

Attrezzo da meccanico imprescindibile per una massima flessibilità e un'efficiente rimozione/installazione della candela di accensione su una varietà di veicoli.



Image: The LEXIVON Magnetic Swivel Spark Plug Socket demonstrating its 360-degree swivel action for flexible access.

ROBUSTO MAGNETE

A differenza delle tradizionali guarnizioni in gomma, questo nucleo Magnetico trattiene e protegge le candele per una più facile installazione, prevenendone la caduta nel vano motore.



Image: A close-up view of the robust magnetic core within the socket, designed to securely hold the spark plug.

DESIGN INNOVATIVO

Il meccanismo di blocco a sfera fornisce la libertà di cui hai bisogno per accedere a spazi ridotti.



Image: An innovative design showing a cutaway view of the ball lock mechanism, providing freedom of movement in tight spaces.

QUALITÀ PREMIUM

Progettato e realizzato con materiali superiori per una maggiore forza di torsione e una longevità assicurata.



Image: Overview of premium quality features including anti-slip grip, mirror finish, Cr-V steel, and magnetic core, meeting ANSI standards.

BUSSOLA UNIVERSALE

Fluida rotazione con una lunghezza totale di 25 cm,
Facilita le messe a punto anche negli spazi stretti.



BUSSOLA ESAGONALE

Realizzata per Candele da 5/8"

3/8" —
Attacco Codolo



Image: The universal socket design with a total length of 25 cm, featuring a hexagonal socket for 5/8" spark plugs and a 3/8" drive connection.

BUSSOLA SOTTILE

Nuovo design dal basso profilo – inserisci agevolmente la bussola con le pareti sottili nello spazio della candela



Image: The thin-wall socket design, allowing for easy insertion into narrow spark plug compartments.

3. SETUP

The LEXIVON Magnetic Swivel Spark Plug Socket is designed for use with a 3/8-inch drive ratchet or extension bar. Ensure you have the correct drive size for your existing tools.

- 1. Inspect the Tool:** Before each use, inspect the spark plug socket for any signs of damage, wear, or corrosion. Ensure the magnetic core is intact and securely holds a spark plug.
- 2. Attach to Drive Tool:** Connect the 3/8-inch drive end of the spark plug socket to a compatible ratchet, breaker bar, or extension. Ensure a secure connection.
- 3. Select Correct Size:** This specific model is a 5/8" socket. Verify that your spark plugs require a 5/8" socket before proceeding.

Your browser does not support the video tag.

Video: A 360-degree view of the spark plug socket, demonstrating its design and features. This video helps visualize the tool's components and flexibility.

4. OPERATING INSTRUCTIONS

Always ensure the engine is cool before attempting to remove or install spark plugs to prevent damage to the engine or spark plugs.

4.1. Spark Plug Removal

- 1. Prepare the Area:** Clear any debris or obstructions around the spark plug wells.
- 2. Attach Socket to Spark Plug:** Carefully lower the LEXIVON spark plug socket onto the spark plug. The magnetic core will engage and hold the spark plug securely.
- 3. Loosen Spark Plug:** Using your ratchet or breaker bar, slowly turn counter-clockwise to loosen the spark plug. The swivel joint allows for angled access in tight spaces.
- 4. Remove Spark Plug:** Once loosened, continue to turn counter-clockwise until the spark plug is fully disengaged. The magnetic core will keep the spark plug attached to the socket for easy removal from the engine well.

4.2. Spark Plug Installation

- 1. Insert New Spark Plug:** Place the new spark plug into the LEXIVON socket. The magnet will hold it firmly.
- 2. Align and Hand-Tighten:** Carefully lower the spark plug and socket into the spark plug well. Ensure the spark plug is properly aligned with the threads. Hand-tighten the spark plug clockwise until it seats. This helps prevent cross-threading.
- 3. Torque to Specification:** Once hand-tightened, use a torque wrench (if available and recommended by your vehicle manufacturer) to tighten the spark plug to the manufacturer's specified torque settings. Avoid over-tightening, as this can damage the spark plug or engine head.
- 4. Remove Socket:** Once the spark plug is properly tightened, gently pull the socket straight off the spark plug.

5. MAINTENANCE

- Cleaning:** After each use, wipe the socket clean with a dry cloth to remove any oil, grease, or debris. The mirror chrome finish is designed for easy cleaning.
- Storage:** Store the spark plug socket in a dry environment to prevent moisture buildup and potential corrosion. Keep it away from strong magnetic fields that could affect the internal magnet over time.
- Inspection:** Periodically check the swivel joint for smooth operation and ensure all components are secure. Inspect the magnetic core for its holding strength.
- Lubrication:** The swivel joint may benefit from a small amount of light lubricant if it becomes stiff over time.

6. TROUBLESHOOTING

- **Spark Plug Not Seating Properly:**

- Ensure the spark plug is the correct size and thread for your engine.
- Verify that the spark plug well is clean and free of debris.
- Attempt to hand-tighten the spark plug without the socket first to ensure proper thread engagement, then use the socket for final tightening.

- **Socket Not Gripping Spark Plug:**

- Check if the spark plug is the correct 5/8" size for the socket.
- Inspect the magnetic core for any damage or debris that might be preventing proper contact.

- **Difficulty Accessing Spark Plug:**

- Utilize the 360-degree swivel feature to maneuver the socket into the optimal position.
- Consider using a shorter or longer extension bar with your 3/8" drive ratchet if space is extremely limited or too deep.

7. SPECIFICATIONS

Attribute	Value
Model Number	LX-122
Socket Size	5/8"
Drive Size	3/8"
Total Length	10 inches (25.4 cm)
Material	Chrome Vanadium (Cr-V) Steel
Finish	Mirror Chrome
Item Weight	290 g
Special Features	Magnetic Core, 360° Swivel Joint, Thin Wall Design, Knurled Grip
Compliance	Meets and Exceeds ANSI Standards

8. WARRANTY AND SUPPORT

The LEXIVON Magnetic Swivel Spark Plug Socket (LX-122) is backed by a **Lifetime Warranty**, ensuring your complete peace of mind against any manufacturing defects or material failures.

For warranty claims, technical assistance, or any product-related inquiries, please contact LEXIVON customer support through the official LEXIVON website or your point of purchase. Please have your product model number (LX-122) and purchase details ready when contacting support.

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