Hyper Tough UB80007A

Hyper Tough 3 Piece Spark Plug Socket Set

Model: UB80007A

Introduction

This instruction manual provides essential information for the safe and effective use of your Hyper Tough 3 Piece Spark Plug Socket Set. This set includes three common spark plug sizes: 5/8 inch, 3/4 inch, and 13/16 inch, designed for use with a 3/8-inch drive ratchet or breaker bar. Each socket features a durable chrome vanadium construction and an internal rubber retainer for secure spark plug gripping. Please read this manual thoroughly before operation and retain it for future reference.

Safety Information

Always observe basic safety precautions when using hand tools. Failure to do so may result in injury or damage to property.

- Wear appropriate personal protective equipment, such as safety glasses, to protect against flying debris.
- Ensure the correct size socket is used for the spark plug to prevent rounding or damage.
- Always use a clean, dry socket. Oil or grease can reduce grip and lead to slippage.
- Do not use damaged or worn tools. Inspect sockets for cracks or deformation before each use.
- Apply steady, controlled force. Avoid excessive force or sudden jerking motions.
- Keep hands and fingers clear of moving parts and pinch points.
- Store tools in a dry, secure place, out of reach of children.

Product Overview

The Hyper Tough 3 Piece Spark Plug Socket Set provides the necessary tools for common spark plug maintenance. Each socket is constructed from chrome vanadium steel for durability and features a polished chrome finish for corrosion resistance.



Image: The Hyper Tough 3 Piece Spark Plug Socket Set, showing the three chrome-finished sockets.

Components:

- One 5/8 inch Spark Plug Socket (3/8-inch drive)
- One 3/4 inch Spark Plug Socket (3/8-inch drive)
- One 13/16 inch Spark Plug Socket (3/8-inch drive)



Image: Close-up view of the three spark plug sockets, clearly showing their respective sizes: 5/8, 3/4, and 13/16 inches.

Each socket is equipped with an internal rubber grommet designed to securely hold the spark plug during removal and installation, preventing it from falling out of the socket.



Image: An internal view of the spark plug sockets, highlighting the black rubber inserts designed to grip the spark plug.

Setup

Before beginning any work, ensure you have the correct spark plug socket size for your application. This set is designed for use with a 3/8-inch drive ratchet, extension, or breaker bar.

1. Identify the correct spark plug size required for your vehicle or equipment.
2. Select the corresponding socket from the set (5/8 inch, 3/4 inch, or 13/16 inch).
3. Attach the selected spark plug socket firmly onto a 3/8-inch drive ratchet or extension. Ensure the square drive of the ratchet is fully seated into the socket.



Image: A Hyper Tough spark plug socket securely attached to a 3/8-inch drive ratchet, ready for use.

Operating Instructions

Spark Plug Removal:

1. Ensure the engine is cool to the touch before attempting spark plug removal.
2. Carefully disconnect the spark plug wire or coil pack from the spark plug.
3. Place the appropriate size spark plug socket over the spark plug. Ensure it is fully seated.
4. Using the ratchet, turn counter-clockwise to loosen the spark plug. If the plug is seized, apply penetrating oil and allow it to soak before attempting to loosen again.
5. Once loose, continue to unscrew the spark plug by hand or with the socket until it is completely free. The internal rubber retainer will hold the spark plug in the socket for easy removal from the engine bay.

Spark Plug Installation:

1. Thread the new spark plug into the engine by hand first to avoid cross-threading. The rubber retainer in the socket will help guide the plug.
2. Once hand-tight, use the spark plug socket and ratchet to gently tighten the spark plug. Refer to your vehicle's service manual for the correct torque specifications. Overtightening can damage the spark plug or engine head.
3. Once tightened to specification, carefully remove the socket.
4. Reconnect the spark plug wire or coil pack.



Image: A Hyper Tough spark plug socket being used with a ratchet to tighten or loosen a component, demonstrating the tool's application.

Maintenance

Proper maintenance will extend the life of your spark plug sockets.

- After each use, wipe the sockets clean with a dry cloth to remove any dirt, oil, or debris.
- If the sockets become excessively dirty, they can be cleaned with a mild detergent and water, then thoroughly dried immediately to prevent rust.
- Store the sockets in a dry environment to prevent corrosion. The original packaging or a tool box is ideal.
- Inspect the rubber retainers periodically for wear or damage. If a retainer is damaged, the socket may not hold the spark plug securely.

Troubleshooting

Spark plug sockets are simple tools, and issues are typically related to improper use or wear.

Problem	Possible Cause	Solution
Socket slips on spark plug.	Incorrect socket size; worn spark plug hex; damaged socket; spark plug seized.	Ensure correct size is used. Replace spark plug if hex is rounded. Replace socket if damaged. Apply penetrating oil for seized plugs.
Spark plug falls out of socket.	Worn or missing internal rubber retainer.	Inspect rubber retainer. If damaged or missing, the socket's ability to hold the plug will be compromised. Consider replacing the socket.
Socket does not fit on ratchet.	Incorrect drive size (e.g., trying to use with 1/2-inch drive); debris in socket drive.	Ensure ratchet is 3/8-inch drive. Clean out any debris from the socket's square drive opening.

Specifications

Feature	Detail
Brand	Hyper Tough
Model Number	UB80007A
Set Includes	5/8 inch, 3/4 inch, 13/16 inch Spark Plug Sockets
Drive Size	3/8 inch
Material	Chrome Vanadium Steel
Finish	Polished Chrome
Special Feature	Internal Rubber Retainer
Item Weight	1 pound (approximate)
Package Dimensions	5 x 3 x 2 inches (approximate)
UPC	889526208714

Warranty and Support

This Hyper Tough Spark Plug Socket Set comes with a**5 Year Limited Warranty**. For specific details regarding warranty coverage, limitations, and how to make a claim, please refer to the warranty information provided on the product packaging or contact Hyper Tough customer support.
For technical assistance or further inquiries, please visit the official Hyper Tough website or contact their customer service department. Contact information is typically available on the product packaging or their official website.





Image: The retail packaging for the Hyper Tough 3 Piece Spark Plug Socket Set, indicating the 5-year limited warranty.

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