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OTC 5900A-Plus

OTC 5900A-Plus 52 Piece Master Square Drive Torx Set Instruction Manual

MODEL: 5900A-PLUS

Introduction

This manual provides essential information for the proper use and maintenance of your OTC 5900A-Plus 52 Piece Master Square Drive Torx Set. This comprehensive set includes popular versions of Torx specialty fasteners in all common sizes, designed for various automotive applications such as seat belt bolts, interior and exterior trim screws, engine assemblies, tail lamp lenses, bumpers, headlight bezels, and door strikers/latches. The bits are constructed from superior S2 steel for durability and strength.

Package Contents

Your OTC 5900A-Plus set includes:

- Torx Bit Sockets
- Torx Plus Bit Sockets
- Tamper-Resistant Torx Bits
- Torx Sockets for external Torx bolts
- A sturdy, blow-molded storage case



Figure 1: The OTC 5900A-Plus Master Torx Set displayed in its open, blow-molded case, showing the organized arrangement of various Torx bit sockets and external Torx sockets.

Operating Instructions

This set is designed for use with standard hand-held ratchets. Modifications or use with any impact tool will void the product warranty.

Identifying and Selecting the Correct Bit

The blow-molded case features a clearly marked tray and a contents list on the lid to help you quickly locate the appropriate socket for your task. The set includes bits for 1/4 inch, 3/8 inch, and 1/2 inch square drive sizes.



Figure 2: A close-up view of the inside lid of the OTC 5900A-Plus case, displaying a detailed chart that lists all included Torx, Torx External, Torx Plus, and Tamper-Resistant Torx sockets by size and part number for easy identification and replacement.

The set includes:

- **Torx Bit Sockets:** For standard Torx fasteners.
- **Torx External Sockets:** For external Torx bolts.
- **Torx Plus Bit Sockets:** For Torx Plus fasteners, offering increased torque capacity.
- **Tamper-Resistant Torx Bits:** For fasteners with a security pin in the center.

A bonus 24mm External Torx Plus Socket is included, specifically required for Ford Super Duty pickup bed bolts starting from model year 2017.



Figure 3: A detailed view of the various Torx bit sockets and external Torx sockets neatly arranged within the storage tray of the OTC 5900A-Plus set, showcasing the different types and sizes.

Usage Guidelines

1. Select the correct size and type of Torx bit or socket that precisely fits the fastener.
2. Attach the chosen bit/socket to a standard hand-held ratchet of the appropriate drive size (1/4", 3/8", or 1/2").
3. Apply steady and even pressure when turning the fastener. Avoid sudden jerking motions.
4. Ensure the bit is fully seated in the fastener head to prevent stripping.

Important Safety Warning:

This set is NOT designed for use with air tools or impact tools. Use with air tools or impact tools will void the product warranty and may cause damage to the tools or injury to the user.

Your browser does not support the video tag.

Video 1: An overview of the OTC 5900A-Plus Master Torx Bit Socket Set, demonstrating its contents and highlighting its features for various Torx applications. This video shows the different types of Torx bits and sockets included and their intended use with hand tools.

Maintenance

Proper maintenance ensures the longevity and performance of your OTC Torx set.

- **Cleaning:** After each use, wipe down all bits and sockets with a clean, dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Storage:** Always return the bits and sockets to their designated slots in the blow-molded case. This keeps them organized, prevents loss, and protects them from damage and corrosion.
- **Inspection:** Periodically inspect each tool for signs of wear, damage, or corrosion. Replace any damaged tools immediately to ensure safe and effective operation.

Troubleshooting

If you encounter issues while using your Torx set, consider the following:

- **Difficulty finding the right size:** Refer to the clearly marked tray and the contents list on the inside of the case lid (Figure 2) to ensure you are selecting the correct bit for the fastener.
- **Stripping fastener head:** Ensure the bit is fully and correctly seated in the fastener. Using an incorrect size or applying excessive, uneven force can cause stripping.
- **Bit breakage:** Ensure you are using the tools with standard hand-held ratchets only. Use with impact tools will void the warranty and can lead to premature tool failure.

Specifications

Feature	Detail
Brand	OTC
Model	5900A-Plus
Material	S2 Steel
Number of Pieces	52
Drive System	Square (1/4", 3/8", 1/2")
Bit Compatibilities	Torx, Torx Plus, Tamper-Resistant Torx, External Torx
Item Weight	6.05 pounds
Product Dimensions	12 x 8 x 4 inches

Warranty and Support

OTC tools are known for their quality and durability. This product is backed by a lifetime warranty, reflecting OTC's commitment to manufacturing high-quality tools and equipment. Please note that the warranty is void if the tools are used with air tools or impact tools, as specified in the operating instructions.

For warranty claims, technical assistance, or replacement parts, please contact OTC customer support directly. Refer to the product packaging or the official OTC website for the most current contact information.

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Video 2: A general overview of OTC Tools and Equipment, emphasizing the brand's commitment to providing the right tools for the job and their long-standing history of quality and innovation, including a mention of their lifetime warranty.