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Master Mechanic 791093

Master Mechanic 791093 12-Inch Quick Change Adaptor Instruction Manual

Model: 791093

Introduction

This manual provides instructions for the safe and effective use of your Master Mechanic 791093 12-inch Quick Change Adaptor. This adaptor is designed to facilitate quick and easy changes of 1/4-inch quick change and hex shank drill bits and accessories, enhancing efficiency in various drilling applications. Constructed from durable carbon steel, it offers reliability and a long service life.



This image displays the Master Mechanic 791093 12-inch Quick Change Adaptor, packaged for retail. The adaptor is a long, slender metal shaft with a quick-change mechanism at one end and a hex shank at the other, designed for use with power drills. The packaging is primarily gray and green, featuring the 'Master Mechanic' brand logo and indicating the '12"' length.

Important Safety Information

Always read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment (PPE), including safety glasses, during operation.
- Ensure the power tool is unplugged or its battery removed before attaching or detaching the adaptor or any accessories.
- Verify that the adaptor and drill bit are securely fastened before starting any work.
- Do not exceed the maximum RPM rating of your drill or the attached accessory.
- Keep hands and loose clothing away from rotating parts.
- Use only with compatible 1/4-inch quick change and hex shank accessories.
- Inspect the adaptor for damage before each use. Do not use if damaged.

Setup

Follow these steps to properly set up your Master Mechanic Quick Change Adaptor:

1. **Prepare Your Drill:** Ensure your drill is turned off and unplugged (or battery removed) to prevent accidental startup.
2. **Insert Adaptor:** Insert the hex end of the Master Mechanic 791093 Quick Change Adaptor into the chuck of your drill. Tighten the drill chuck securely to prevent slippage during operation.
3. **Attach Accessory:** Pull back the collar on the quick-change end of the adaptor. Insert a 1/4-inch quick change or hex shank drill bit or accessory into the adaptor. Release the collar to lock the accessory in place. Gently pull on the accessory to confirm it is securely seated.

Operating Instructions

The Master Mechanic 791093 Quick Change Adaptor is designed for efficient and secure attachment of drill bits and other hex shank accessories. Always operate with caution and attention to safety.

1. **Secure Workpiece:** Always secure your workpiece firmly using clamps or a vise to prevent movement during drilling or driving tasks.
2. **Start Operation:** With the accessory securely attached and the workpiece prepared, turn on your drill and begin your task. Apply steady, even pressure appropriate for the material and accessory.
3. **Changing Accessories:** To change an accessory, first turn off and unplug your drill (or remove the battery). Pull back the collar on the adaptor to release the current accessory. Insert the new 1/4-inch quick change or hex shank accessory and release the collar to lock it.
4. **Cooling:** Allow the adaptor and accessory to cool down after prolonged or heavy use to prevent overheating and potential damage.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your quick change adaptor.

- **Cleaning:** After each use, wipe down the adaptor with a clean, dry cloth to remove dust, debris, and moisture. Avoid using harsh chemicals that may damage the finish or mechanism.
- **Lubrication:** Periodically apply a small amount of light machine oil to the moving parts of the quick-change mechanism to ensure smooth operation and prevent corrosion.
- **Storage:** Store the adaptor in a dry, clean environment, away from direct sunlight, extreme temperatures, and corrosive materials.
- **Inspection:** Regularly inspect the adaptor for any signs of wear, damage, or corrosion. Pay close attention to the quick-change collar and the hex shank. Replace the adaptor if any significant damage is observed.

Troubleshooting

If you encounter issues with your quick change adaptor, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Accessory not locking securely	Collar not fully released; debris in mechanism; incorrect accessory type	Ensure collar is fully released after inserting accessory; clean mechanism thoroughly; confirm accessory is 1/4-inch quick change or hex shank.
Adaptor slipping in drill chuck	Drill chuck not tightened sufficiently; worn hex shank on adaptor	Tighten drill chuck firmly around the adaptor's hex shank; inspect adaptor's hex shank for wear and replace if necessary.
Difficulty changing accessories	Lack of lubrication; accumulation of debris or rust	Apply a small amount of light machine oil to the quick-change mechanism; clean the mechanism to remove any obstructions.

Specifications

- **Model:** 791093
- **Length:** 12 inches
- **Compatibility:** 1/4-inch Quick Change and Hex Shanks
- **Material:** Carbon Steel Construction
- **Manufacturer:** DISSTON COMPANY
- **Item Weight:** Approximately 2.64 pounds (for the package of 6 adaptors)
- **Product Dimensions:** Approximately 17.76 x 1.89 x 2.54 inches (for the package of 6 adaptors)
- **Package Quantity:** 6 adaptors

Warranty and Support

For warranty information or technical support regarding your Master Mechanic 791093 Quick Change Adaptor, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

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