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> Pro-Line Racing A2 Hinge Pin Holder PRO-MT 4X4 PRO400532 Instruction Manual

Pro-Line PRO400532

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Model: PRO400532

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Pro-Line Racing A2 Hinge Pin Holder, model PRO400532. This component is designed as a direct replacement for the A2 Mount found in the Pro-Line PRO-MT 4x4 and Pro-Line PRO-Fusion SC 4x4 vehicles.

2. SAFETY INFORMATION

Please read this entire instruction manual to familiarize yourself with the product's features before operation or installation. Incorrect handling can result in damage to the product, personal property, and may cause serious injury.

- This is a sophisticated hobby product. It requires caution, common sense, and basic mechanical ability for proper use.
- Failure to operate this product in a safe and responsible manner could result in injury or damage.
- This product is not intended for use by children without adult supervision.
- Do not use with incompatible components or alter this product in any way outside of the instructions provided by Pro-Line Racing.
- It is essential to read and follow all instructions and warnings in this manual prior to assembly, setup, or use to ensure correct operation and prevent damage or serious injury.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- 1x A2 Hinge Pin Holder (PRO-MT 4X4)

4. PRODUCT FEATURES

- Includes a direct replacement A2 Mount.
- Mount is constructed from durable Gun Metal Anodized Aluminum.



Image 1: The Pro-Line Racing A2 Hinge Pin Holder, model PRO400532. This component is a replacement part for the PRO-MT 4x4 and PRO-Fusion SC 4x4 vehicles.

5. SETUP AND INSTALLATION

This section outlines the general procedure for replacing the A2 Hinge Pin Holder on your compatible Pro-Line vehicle. Specific tools (e.g., hex wrenches) may be required and are not included.

1. **Vehicle Preparation:** Ensure your vehicle is powered off and placed on a stable, clean surface.
2. **Identify Component:** Locate the existing A2 Hinge Pin Holder on your PRO-MT 4x4 or PRO-Fusion SC 4x4 vehicle. This component is typically part of the suspension assembly.
3. **Remove Fasteners:** Carefully remove any screws or pins securing the existing A2 Hinge Pin Holder to the chassis and suspension arms. Keep track of all fasteners for reinstallation.
4. **Remove Old Holder:** Once all fasteners are removed, gently detach the old A2 Hinge Pin Holder from the vehicle.
5. **Install New Holder:** Position the new Pro-Line Racing A2 Hinge Pin Holder (PRO400532) in the correct orientation.

6. **Secure Fasteners:** Reinstall all previously removed screws and pins, ensuring they are tightened securely but do not overtighten, which could strip threads or damage components.
7. **Verify Installation:** Gently articulate the suspension to ensure free movement and proper alignment. Confirm that the new hinge pin holder is firmly in place and does not exhibit any looseness.



Image 2: An example of an RC vehicle's suspension area, where a hinge pin holder would be located. This image illustrates the general context of the part's installation.

6. OPERATING INSTRUCTIONS

The A2 Hinge Pin Holder is a static structural component of your RC vehicle's suspension system. It does not require active operation. Its function is to securely hold the suspension hinge pins, allowing the suspension arms to pivot correctly and maintain proper alignment during vehicle movement. Once installed, ensure the component is secure and allows for smooth suspension travel.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your A2 Hinge Pin Holder and the overall vehicle.

- **Inspection:** Periodically inspect the hinge pin holder for any signs of wear, cracks, or damage, especially after heavy use or impacts.
- **Cleaning:** Keep the component free from dirt, dust, and debris. A soft brush or compressed air can be used for cleaning. Avoid harsh chemicals that may damage the anodized finish.
- **Fastener Check:** Ensure all screws and pins securing the hinge pin holder remain tight. Loose fasteners can lead to premature wear or component failure.

8. TROUBLESHOOTING

If you encounter issues related to the A2 Hinge Pin Holder, consider the following:

- **Loose Component:** If the hinge pin holder feels loose, check and tighten all mounting screws. Ensure no fasteners are missing.
- **Restricted Suspension Movement:** If the suspension arms do not move freely after installation, verify that the hinge pins are correctly seated and not bent. Ensure the holder is not overtightened or misaligned.
- **Visible Damage:** If the hinge pin holder is bent, cracked, or otherwise damaged, it should be replaced immediately to prevent further damage to the vehicle's suspension.

9. SPECIFICATIONS

Attribute	Value
Model Number	PRO400532
Product Dimensions	5 x 2.75 x 0.38 inches
Item Weight	0.48 ounces
Material	Gun Metal Anodized Aluminum
Compatible Vehicles	Pro-Line PRO-MT 4x4, Pro-Line PRO-Fusion SC 4x4

Manufacturer Recommended Age	14 months and up
Manufacturer	Pro-Line Racing
Date First Available	March 16, 2018

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official Pro-Line Racing website or contact their customer service directly. Specific warranty terms may vary by region and retailer.