HAIBOXING M1884

HAIBOXING 1/18 Steel Front CVD Drive Shafts (Model M1884) Instruction Manual

1. Product Overview

This manual provides instructions for the HAIBOXING 1/18 Steel Front CVD Drive Shafts, Model M1884. These shafts are designed as an original spare part for the HBX 2020 NEW VERSION 18858 and 18859 RC cars, ensuring 100% applicability and enhanced durability.

The package includes a set of metal front universal shafts along with necessary pins and M3 lock nuts for installation. This component is crucial for the drivetrain of your remote-controlled vehicle, transmitting power from the differential to the wheels.

Image 1: HAIBOXING 1/18 Steel Front CVD Drive Shafts with included pins and M3 lock nuts.

Image 2: Visual representation of RC car models compatible with these spare parts, demonstrating their versatility across different terrains.

2. Safety Information

- Recommended for ages 14 years and up. Adult supervision is advised during installation and use.
- Keep small parts (pins, nuts) away from young children to prevent choking hazards.
- Always ensure the RC car is powered off and batteries are disconnected before performing any maintenance or part replacement.
- Use appropriate tools for installation to avoid injury or damage to parts.

3. Package Contents

Verify that all items are present in the package:

- 2 x Steel Front CVD Drive Shafts
- 2 x Pins
- 2 x M3 Lock Nuts

4. Setup and Installation

This section outlines the general steps for replacing the front CVD drive shafts. Specific disassembly and reassembly procedures may vary slightly depending on your RC car model (HBX 18858 or 18859). Refer to your vehicle's primary instruction manual for detailed chassis disassembly.

Required Tools (Not Included):

- Small Phillips head screwdriver
- Hex wrench set (for wheel nuts and suspension components)
- Needle-nose pliers (optional, for handling small pins)

Installation Steps:

1. **Prepare the Vehicle:** Turn off your RC car and disconnect the battery. Place the car on a stable, clean surface.
2. **Remove Wheels:** Carefully remove the front wheels using the appropriate hex wrench for the wheel nuts.
3. **Access Drive Shafts:** Depending on your model, you may need to remove suspension links or other components to gain clear access to the existing front CVD drive shafts.
4. **Remove Old Drive Shafts:** Locate the pins securing the drive shafts to the wheel hub and the differential output. Remove these pins. Carefully slide out the old drive shafts.
5. **Install New Drive Shafts:** Insert one end of the new HAIBOXING Steel Front CVD Drive Shaft into the differential output cup, ensuring the pin aligns and secures it.
6. **Connect to Wheel Hub:** Align the other end of the drive shaft with the wheel hub. Insert the pin to secure it, then attach the M3 lock nut. Ensure all connections are firm but do not overtighten.
7. **Reassemble:** Reattach any suspension components or other parts that were removed.
8. **Reattach Wheels:** Mount the front wheels back onto the hubs and tighten the wheel nuts securely.
9. **Final Check:** Gently rotate the wheels to ensure smooth movement and proper engagement of the drive shafts. Check for any binding or loose connections.

5. Operating Considerations

After installing the new drive shafts, consider the following for optimal performance:

- **Initial Test:** Perform a slow test run on a flat surface to confirm proper installation and function before engaging in high-speed or off-road driving.
- **Driving Style:** While steel shafts offer increased durability, aggressive driving, especially with sudden impacts or extreme steering angles, can still stress drivetrain components.
- **Terrain:** These shafts are designed to withstand various terrains. However, avoid prolonged exposure to excessive mud, water, or abrasive surfaces without proper sealing or cleaning afterward.

6. Maintenance

Regular maintenance extends the lifespan of your CVD drive shafts:

- **Inspection:** Periodically inspect the drive shafts for any signs of wear, bending, or damage. Check the pins and lock nuts for tightness.
- **Cleaning:** After use, especially in dirty or wet conditions, clean the drive shafts to remove dirt, debris, and moisture. A soft brush and compressed air can be effective.

- **Lubrication:** Apply a small amount of appropriate RC-specific grease or lubricant to the universal joints and moving parts of the CVD shafts to reduce friction and wear.
- **Storage:** Store your RC car and spare parts in a clean, dry environment away from extreme temperatures.

7. Troubleshooting

If you encounter issues after installing the new drive shafts, consider the following:

- **Binding or Sticking:** Ensure the drive shafts are correctly seated and not rubbing against any other components. Check for overtightened screws or misaligned parts.
- **Excessive Play:** Verify that all pins and lock nuts are securely fastened. Excessive play can indicate worn out connecting components or incorrect installation.
- **Unusual Noises:** Grinding or clicking noises may suggest improper lubrication, damaged bearings (not part of this product, but related), or a bent shaft. Inspect thoroughly.
- **Loss of Drive:** If power is not reaching the wheels, check if the pins securing the drive shafts are still in place and if the shafts are properly engaged with the differential and wheel hubs.

8. Specifications

Feature	Detail
Brand	HAIBOXING
Model Number	M1884
Item Name	Metal Front Universal Shafts (CVD Drive Shafts)
Material	Steel
Compatibility	HAIBOXING HBX 2020 NEW VERSION 18858 & 18859 RC Cars
Quantity	A set (2 shafts, 2 pins, 2 M3 lock nuts)
Manufacturer Recommended Age	14 years and up
Item Weight	0.88 ounces
Package Dimensions	3.35 x 1.85 x 0.43 inches

9. Warranty and Support

For warranty information or technical support regarding your HAIBOXING 1/18 Steel Front CVD Drive Shafts (Model M1884), please refer to the documentation provided with your original HAIBOXING RC vehicle or visit the official HAIBOXING website. You may also contact your retailer for assistance.

Related Documents - M1884

	[Four Wheel Drive Electric Power Race Truck Instruction Manual] Instruction manual for the Four Wheel Drive Electric Power Race Truck, model 903. Includes setup, operation, maintenance, and troubleshooting.
	[Request for Confidentiality - Shantou Haiboxing Technology & Education Model Co., Ltd.] Request for confidentiality for FCC ID 2A2XW-LS113, submitted by Shantou Haiboxing Technology & Education Model Co., Ltd. This document outlines the reasons for withholding specific attachments from public disclosure, citing proprietary information and competitive advantage.
	[Shantou Haiboxing Remote Control Car Test Report - RF Exposure Compliance] This report details the RF exposure compliance testing for the Shantou Haiboxing remote control car, model LS-T3A-TBX and its variants, conducted according to FCC regulations.
	[The German SG. 84/98 III Bayonet for the Kar 98k Rifle: A Collector's Guide] An in-depth guide to the German SG. 84/98 III bayonet, its history, markings, variations, and manufacturers, designed for collectors of the Kar 98k rifle. This article explores the evolution from earlier Mauser bayonets to the SG. 84/98 III, detailing its production codes, maker marks, and use by various nations.