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Core RC CR808

Core RC CR808 High Response Spring User Manual

Model: CR808
Brand: Core RC

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Core RC CR808 High Response Springs. These springs are designed to enhance the suspension performance of your remote-controlled vehicle.



Image 1.1: Two Core RC CR808 high response springs and two small red rubber caps. The springs are dark metallic, indicating their robust construction for RC vehicle suspension systems.

2. SAFETY INFORMATION

Please read and understand all safety instructions before handling or installing the product. Failure to do so may result in injury or damage to your RC vehicle.

- Keep small parts away from children and pets to prevent choking hazards.
- Always use appropriate tools for installation to avoid injury or damage to components.
- Wear eye protection when working with springs or other RC components.
- Ensure all components are securely fastened before operating your RC vehicle.

3. PRODUCT OVERVIEW

The Core RC CR808 High Response Spring is a precision-engineered component designed to provide consistent and reliable suspension performance for competitive and recreational RC driving. These long-length, red springs offer a 2.0 Lb/in rate, optimized for specific handling characteristics.

What's Included:

- Two (2) Core RC CR808 High Response Springs (Long Length, Red, 2.0 Lb/in)
- Two (2) Red Protective Caps (as pictured)

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. Always refer to your RC vehicle's specific instruction manual for detailed shock absorber disassembly and reassembly procedures.

Installation Guidelines:

1. **Prepare Vehicle:** Safely lift and secure your RC vehicle to access the suspension components.
2. **Remove Existing Springs:** Carefully remove the existing shock springs from your vehicle's shock absorbers. This may involve detaching spring retainers or unscrewing shock caps.
3. **Inspect Shocks:** Ensure the shock absorbers are clean, free of debris, and in good working condition. Check for any leaks or damage.
4. **Install New Springs:** Slide the Core RC CR808 High Response Spring onto the shock body. Ensure the spring seats correctly and securely at both the top and bottom ends of the shock.
5. **Reassemble:** Reattach any spring retainers, shock caps, or other components that were removed during disassembly.
6. **Repeat for All Shocks:** Install the remaining springs on the other shock absorbers, ensuring consistency across the vehicle.
7. **Functional Check:** Gently compress each shock absorber to ensure smooth movement and proper spring compression without binding.

5. OPERATING CONSIDERATIONS

High response springs are designed to provide a quicker and more direct suspension reaction, which can significantly impact vehicle handling. Consider the following:

- **Performance Tuning:** These springs are part of a larger suspension system. Optimal performance may require adjustments to shock oil viscosity, piston hole size, and ride height.
- **Track Conditions:** The 2.0 Lb/in rate is suitable for specific track conditions. Experimentation and testing are recommended to determine the best setup for your driving style and environment.
- **Consistency:** Ensure all springs on the vehicle are of the same type and rate for balanced handling, unless intentionally setting up for specific weight distribution.

6. MAINTENANCE

Regular maintenance will prolong the life and performance of your Core RC CR808 springs.

- **Inspection:** Periodically inspect the springs for any signs of wear, bending, cracks, or corrosion. Look for inconsistencies in coil spacing.
- **Cleaning:** After use, especially in dirty or dusty conditions, clean the springs to remove accumulated dirt and debris. A soft brush and mild cleaner can be used, followed by thorough drying.
- **Seating Check:** Ensure the springs remain properly seated on the shock absorbers and that any retainers are secure.
- **Replacement:** Replace springs if they show signs of fatigue, deformation, or damage. Worn springs can negatively impact handling and lead to inconsistent performance.

7. TROUBLESHOOTING

If you encounter issues with your suspension after installing the CR808 springs, consider the following:

- Issue:** Vehicle handling feels inconsistent or sluggish.
Solution: Check all springs for proper installation and ensure they are seated correctly. Verify that all four springs are the correct CR808 model and are not damaged. Inspect shock absorbers for proper function (e.g., no air bubbles in oil, no bent shafts).
- Issue:** Springs appear bent or deformed.
Solution: Replace damaged springs immediately. Continued use of deformed springs will compromise vehicle stability and performance.
- Issue:** Springs are noisy during operation (e.g., squeaking, rubbing).
Solution: Ensure springs are clean and free of debris. Check for any contact points with other chassis components. A small amount of dry lubricant (if compatible with your shock design) might reduce friction.
- Issue:** Vehicle ride height is incorrect.
Solution: Confirm that the correct springs are installed. Adjust pre-load collars on the shock absorbers if your vehicle allows for ride height adjustments.

8. SPECIFICATIONS

Feature	Specification
Model Number	CR808
Spring Rate	2.0 Lb/in
Length	Long
Color	Red
Product Dimensions	4 x 2 x 1 inches
Item Weight	0.32 ounces
Manufacturer	Core RC

9. WARRANTY INFORMATION

Core RC products are manufactured to high standards. For specific warranty details, including coverage and duration, please refer to the official Core RC website or contact their customer support directly. Please retain your proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

For further assistance, technical support, or any inquiries regarding your Core RC CR808 High Response Springs, please visit the official Core RC website or contact their customer service department through the channels provided on their site.

Manufacturer: Core RC

