

RCI 9210C

RCI 9210C Blue 5-Point Harness Instruction Manual

Model: 9210C

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your RCI 9210C Blue 5-Point Harness. Designed for enhanced safety in automotive applications, this harness system is engineered to secure the occupant firmly. Please read this manual thoroughly before installation and use to ensure maximum safety and product longevity.

SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- Always ensure all harness straps are properly secured and adjusted before vehicle operation.
- Regularly inspect the harness for any signs of wear, fraying, or damage. Replace immediately if damage is found.
- Do not modify the harness system in any way. Modifications can compromise safety and void warranty.
- Installation should be performed by a qualified professional if you are unsure of the process.
- This harness is designed for specific automotive applications. Do not use for purposes other than its intended design.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x RCI 9210C Blue 5-Point Harness
- Installation Hardware (if applicable, not explicitly listed in product data but implied for installation)

Note: Package contents may vary slightly. Refer to the product packaging for the most accurate list.

SETUP AND INSTALLATION

Proper installation is critical for the safety and performance of your 5-point harness. While specific vehicle mounting points vary, the general principles remain consistent.

1. **Preparation:** Ensure the vehicle's mounting points are clean, free of debris, and structurally sound. Consult your vehicle's manual for recommended harness mounting locations.
2. **Shoulder Straps:** Route the two shoulder straps over the occupant's shoulders. These straps should ideally be mounted to a harness bar or roll cage behind the seat, at or slightly below shoulder height. Avoid mounting points that would pull the straps downwards, compressing the spine in an impact.
3. **Lap Straps:** Position the two lap straps across the occupant's hips, ensuring they are snug and low across the pelvis, not over the abdomen. These straps typically mount to reinforced points on the vehicle chassis or seat frame.
4. **Submarine Strap (Anti-Submarine Strap):** The single submarine strap passes between the occupant's legs and connects to the central buckle. This strap prevents the occupant from sliding forward under the lap belt in a frontal impact. It should be mounted to a point directly beneath the occupant, or slightly forward.
5. **Connecting the Buckle:** Insert all five straps (two shoulder, two lap, one submarine) into the central quick-release buckle until they click securely into place.
6. **Adjustments:** Once all straps are connected, adjust each strap individually to achieve a snug fit. There should be no slack in any strap. The harness should hold the occupant firmly against the seat.



Image: The RCI 9210C Blue 5-Point Harness showing its five attachment points and central buckle. The blue nylon straps are visible, along with metal adjusters and the RCI branding.

Always refer to professional installation guides and local racing regulations (if applicable) for detailed and compliant installation procedures.

OPERATING THE HARNESS

To properly use your RCI 5-Point Harness:

1. Sit firmly in the seat.
2. Bring the two shoulder straps over your shoulders, the two lap straps across your hips, and the submarine strap between your legs.
3. Insert all five metal tabs into the central quick-release buckle until you hear a distinct click for each, ensuring they are fully engaged.

4. Pull on the free ends of each strap to remove any slack. The harness should be snug against your body, preventing excessive movement.
5. To release the harness, press the red button or lift the lever on the central buckle. All five straps will release simultaneously.

MAINTENANCE

Proper maintenance extends the life and ensures the safety of your harness.

- **Cleaning:** The manufacturer recommends **Hand Wash Only** for the fabric straps. Use mild soap and cold water. Do not use harsh chemicals, bleach, or abrasive cleaners. Allow to air dry completely away from direct sunlight or heat.
- **Inspection:** Regularly inspect all straps, buckles, adjusters, and mounting hardware for signs of wear, cuts, fraying, deformation, or corrosion.
- **Storage:** Store the harness in a clean, dry place away from direct sunlight, extreme temperatures, and corrosive substances when not in use.
- **Post-Impact:** If the harness has been subjected to a significant impact or accident, it must be replaced immediately, even if no visible damage is apparent. Internal structural integrity may be compromised.

TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Harness feels loose after adjustment.	Straps not fully tightened; incorrect routing; worn adjusters.	Re-adjust all straps, ensuring no slack. Verify correct routing through adjusters. Inspect adjusters for wear; replace harness if adjusters are faulty.
Buckle not engaging properly.	Debris in buckle mechanism; damaged buckle; incorrect insertion.	Check for and remove any debris. Ensure all tabs are inserted straight and fully. If damaged, the harness must be replaced.
Visible fraying or damage on straps.	Wear and tear; abrasion against sharp edges; chemical exposure.	Immediately replace the entire harness system. Do not attempt to repair damaged straps.

SPECIFICATIONS

Attribute	Detail
Brand	RCI
Model Number	9210C
Color	Blue
Material	Nylon, Stainless Steel
Item Weight	4.8 pounds

Attribute	Detail
Product Dimensions	14 x 10 x 4 inches
Fit Type	Adjustable
Product Care Instructions	Hand Wash Only

WARRANTY AND SUPPORT

RCI products are manufactured to high standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official RCI website. For technical support or inquiries, please contact RCI customer service through their official channels.

Please retain your proof of purchase for warranty claims.

© 2023 RCI. All rights reserved.
This manual is for informational purposes only. RCI is not responsible for improper installation or use.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question