

[Manuals.plus](#) /

› [Serpent](#) /

› Serpent SRX8-E Pro 1/8 4WD Electric Off-Road Buggy Instruction Manual

Serpent SER-600021

Serpent SRX8-E Pro 1/8 4WD Electric Off-Road Buggy Instruction Manual

BRAND: SERPENT | MODEL: SER-600021

[Introduction](#)

[Safety](#)

[Contents](#)

[Setup](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty](#)

1. Introduction

This manual provides essential instructions for the assembly, operation, and maintenance of your Serpent SRX8-E Pro 1/8 4WD Electric Off-Road Buggy. Designed for competitive hobby racing, this high-performance car kit offers exceptional handling and durability. Please read this manual thoroughly before using your RC buggy to ensure proper function and longevity.



Image 1.1: The Serpent SRX8-E Pro 1/8 4WD Electric Off-Road Buggy, fully assembled with its body shell.

2. Safety Information

Operating remote-controlled vehicles requires adherence to safety guidelines to prevent injury and damage. Always operate the buggy in open, clear areas away from people, pets, and obstacles. Ensure all components are securely fastened before operation. For detailed safety guidelines and warnings, please refer to the comprehensive safety section in the full product manual.

3. What's in the Box

Your Serpent SRX8-E Pro kit includes the following components:

- Serpent SRX8-E Pro 1/8 4WD Electric Off-Road Buggy Car Kit

Note: Electronics (motor, ESC, servo, receiver, battery, charger) are not included and must be purchased separately.

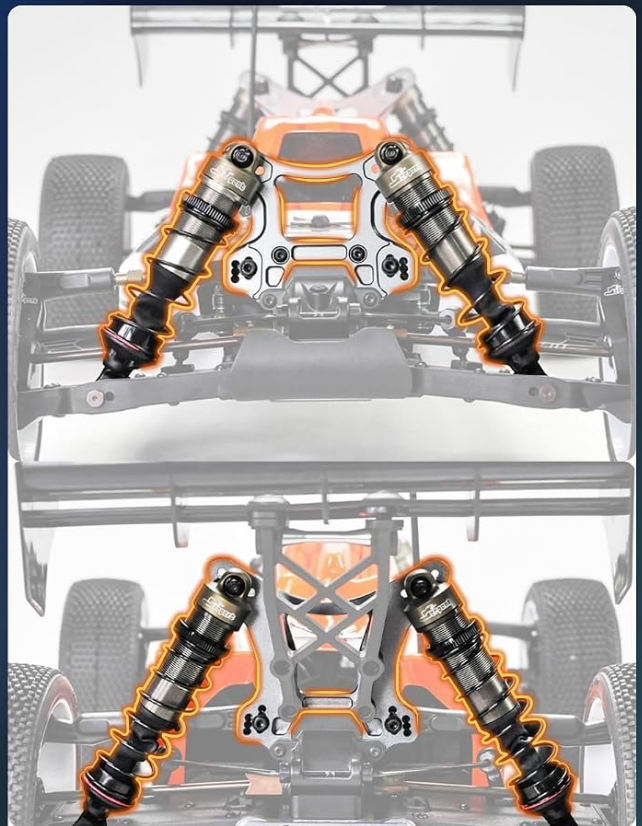
4. Setup and Assembly

The Serpent SRX8-E Pro is a kit and requires assembly. Follow the detailed instructions provided in the separate assembly manual for step-by-step guidance. Key steps include:

1. **Chassis Assembly:** Assemble the narrow 4mm 7075T6 aluminum chassis, ensuring all screws are tightened to specification.
2. **Suspension System:** Install the big bore shocks and spring steel transmission parts.
3. **Drivetrain:** Assemble the driveshaft components, including the front aluminum shaft and spring steel short rear shaft.
4. **Bearings:** Install the NSK Ball Bearings at the wheel hubs, steering spindles, and throughout the drivetrain for optimal performance and durability.
5. **Electronics Installation:** Mount your chosen motor, ESC, servo, and receiver according to their respective manuals and the buggy's layout.
6. **Body Shell:** Attach the PC body shell using the provided clips.



**High-performance
Chassis Plate**



**Aluminum Rear & Front
Shock Towers & Shocks**

Image 4.1: High-performance chassis plate and aluminum rear & front shock towers with shocks.



Image 4.2: Key components including the motor mount, inclined caster blocks, front steering spindle, and center driveshaft.

5. Operating Instructions

Once your Serpent SRX8-E Pro is fully assembled and electronics are installed and calibrated, you are ready for operation.

1. **Power On:** Turn on your transmitter first, then connect the battery to the buggy's ESC.
2. **Controls:** Use the steering wheel on your transmitter to control direction (left/right) and the trigger for throttle (forward/reverse).
3. **Driving:** Start with gentle throttle inputs to familiarize yourself with the buggy's response. The SRX8-E Pro is designed for high-speed off-road performance.
4. **Proportional Control:** The advanced radio system allows for precise proportional steering and throttle control, enabling nuanced driving.

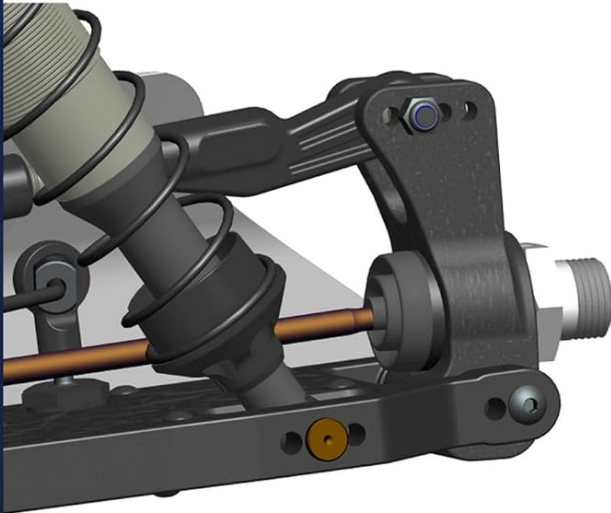
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Video 5.1: A Serpent RC vehicle demonstrating general operation and handling on an off-road track. This video is provided by the seller.

6. Maintenance

Regular maintenance is crucial for the longevity and performance of your SRX8-E Pro buggy.

- **Cleaning:** After each use, especially after running in dirt or wet conditions, clean the buggy thoroughly to remove debris. Use compressed air and a soft brush.
- **Bearing Inspection:** Regularly check the NSK Ball Bearings for smooth operation. Clean and lubricate them as needed. Replace any worn bearings promptly.
- **Chassis and Suspension:** Inspect the chassis for any damage or bends. Check the shocks and suspension components for leaks or wear.
- **Driveshaft:** Ensure the driveshaft is free from bends or damage. Lubricate universal joints if necessary.
- **Fasteners:** Periodically check all screws and nuts for tightness. Re-tighten as necessary to prevent parts from loosening during operation.



High tech rubber boot



NSK Ball Bearings

Image 6.1: Close-up of the high-tech rubber boot and NSK Ball Bearings, critical for durability and smooth operation.

7. Troubleshooting

If you encounter issues with your Serpent SRX8-E Pro, refer to the troubleshooting guide in the full product manual for common problems and solutions. General steps include:

- **No Power:** Check battery connections, ensure batteries are charged, and verify the ESC is properly connected and calibrated.
- **Loss of Control:** Re-bind your transmitter and receiver. Check for interference or damaged antenna wires.
- **Unusual Noises:** Inspect the drivetrain for debris, loose gears, or worn bearings.

8. Specifications

Feature	Detail
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Product Dimensions	1 x 1 x 1 inches
Item Weight	0.011 ounces
Item Model Number	SER-600021
Manufacturer	Serpent
Recommended Age	16 years and up

9. Warranty and Support

For warranty information, technical support, or replacement parts, please contact Serpent customer service or refer to the official Serpent website. Keep your proof of purchase for any warranty claims.

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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

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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