

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [ARRIS](#) /
- › [ARRIS MN82S 1/12 RC Rock Crawler Toyota LC79 Instruction Manual](#)

ARRIS MN82S

ARRIS MN82S 1/12 RC Rock Crawler Toyota LC79 Instruction Manual

Model: MN82S

[Introduction](#) [Safety Information](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#)
[Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

Thank you for choosing the ARRIS MN82S 1/12 RC Rock Crawler Toyota LC79. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new remote control vehicle. Please read this manual thoroughly before use.

The MN82S is a highly detailed 1/12 scale RC crawler, officially authorized by Toyota, replicating the iconic Land Cruiser 70 Series (LC79) pickup. It features a realistic body shell, a 4WD system, and a powerful 280 magnetic motor, designed for exceptional climbing performance and off-road capabilities across various terrains.

What's Included:

- 1x ARRIS MN82S 1/12 RC Rock Crawler (assembled)
- 1x 2.4GHz Remote Control Transmitter
- 1x 7.4V 1200mAh Li-ion Battery
- 1x USB Charger
- Instruction Manual
- Accessory Parts (e.g., mirrors, door handles, snorkel, roof rack, additional panels)
- Sticker Sheet (Toyota, TRD, ARB branding)

2. SAFETY INFORMATION

Always operate the RC crawler in a safe and responsible manner to prevent injury or damage. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Age Recommendation:** Suitable for adults aged 16 and above.
- **Supervision:** Adult supervision is recommended for younger users.

- **Operating Environment:** Do not operate near people, pets, or obstacles. Avoid public roads, water, and wet conditions.
- **Battery Safety:**
 - Use only the provided charger and battery.
 - Do not overcharge or short-circuit the battery.
 - Do not expose the battery to extreme temperatures or direct sunlight.
 - If the battery becomes hot, swollen, or shows any abnormalities, discontinue use immediately.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from moving parts such as wheels and gears.
- **Modifications:** Do not modify the vehicle or its components unless explicitly instructed. Unauthorized modifications may void the warranty and compromise safety.

3. SETUP

3.1. Battery Installation & Charging

1. Locate the battery compartment under the hood of the RC crawler.
2. Connect the 7.4V 1200mAh Li-ion battery to the vehicle's power connector.
3. Close the hood securely.
4. To charge the battery, connect the USB charger to a compatible USB power source (e.g., computer, USB wall adapter). Connect the battery to the charger. The indicator light on the charger will show charging status (refer to charger instructions for specific light indications).
5. Ensure the battery is fully charged before first use.

PRE-INSTALLED LIGHTING SYSTEM

With Controllable Headlight, Backup Light, Brake Light, Turn Signal Light, Hazard Light



High Torque | Powerful Performance

Image: The ARRIS MN82S RC Crawler with its hood open, revealing the battery compartment and the installed 7.4V 1200mAh Li-ion battery. The remote control is visible in the background, along with various accessory parts for assembly.

3.2. Remote Control Setup

1. The remote control requires 2x AA batteries (not included). Open the battery compartment on the bottom of the remote control using a screwdriver.
2. Insert the batteries, ensuring correct polarity.
3. Close the battery compartment.
4. Turn on the remote control using the ON/OFF switch.
5. Turn on the RC crawler using the power button located on the chassis.
6. The remote control and vehicle should automatically bind. If not, refer to the binding instructions in the remote control's specific manual (usually included in the package).

3.3. Accessory Installation

The MN82S comes with various accessory parts for customization and enhanced realism. These include door handles, side mirrors, a snorkel, and a roof rack. Refer to the included assembly diagrams for precise installation of these components.

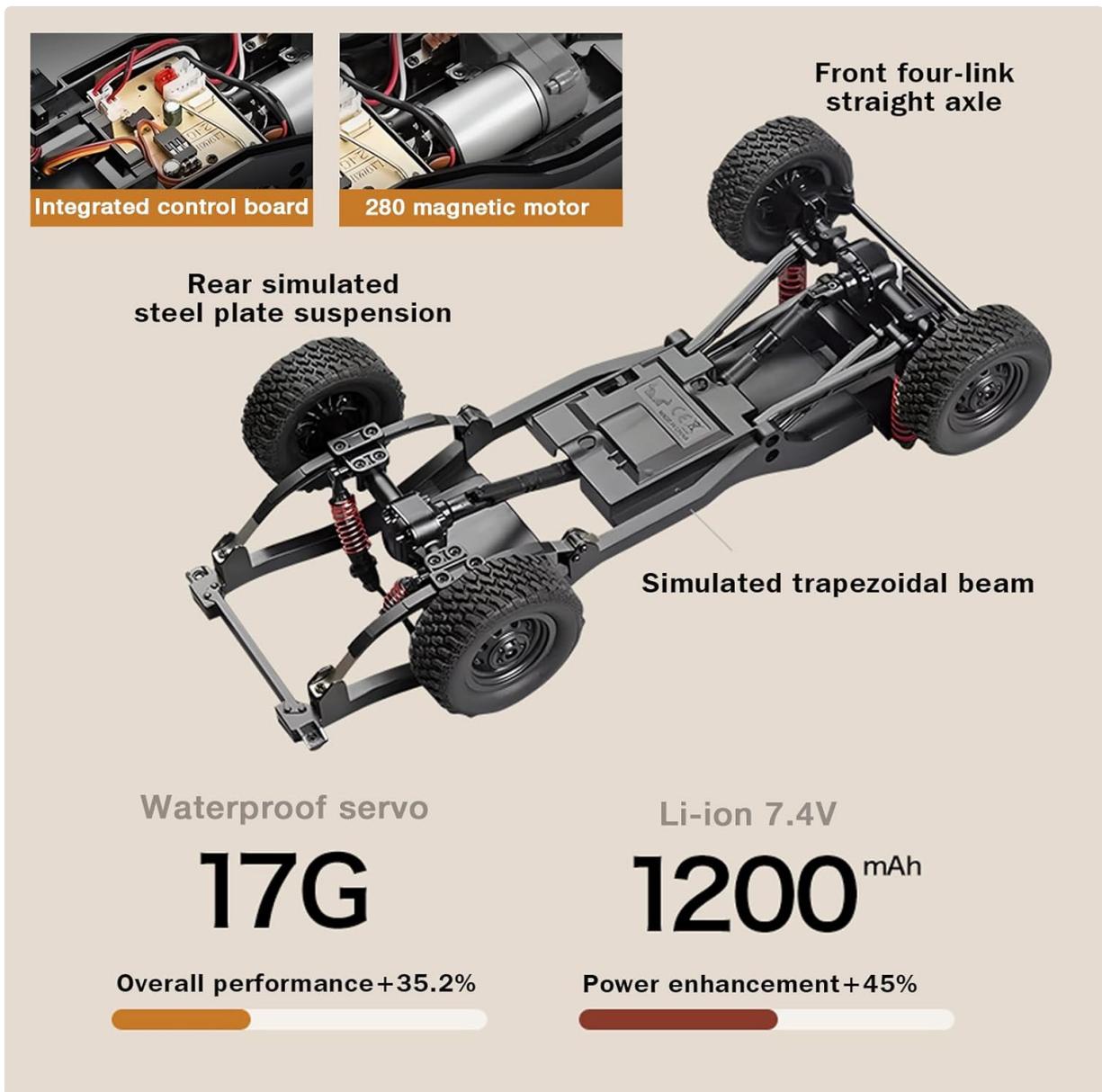


Image: An overhead view of the ARRIS MN82S RC Crawler alongside its remote control, battery, charger, instruction manual, sticker sheet, and various plastic accessory parts (e.g., roof rack, side panels, clear light covers) ready for assembly.

4. OPERATION

The ARRIS MN82S is designed for precise control and versatile off-road action. Familiarize yourself with the remote control functions before operating the vehicle.

4.1. Basic Controls

- **Throttle Trigger:** Pull to move forward, push to brake/reverse.
- **Steering Wheel:** Turn left to steer left, turn right to steer right.
- **Throttle Rate:** Adjusts the maximum speed of the vehicle.
- **Steering Trim:** Adjusts the center point of the steering to ensure the vehicle drives straight when the steering wheel is centered.



Full-Scale Control

Turn as much as you want. Just like driving a real car

Image: A hand holding the 2.4GHz remote control, demonstrating the full-scale control capability of the ARRIS MN82S RC Crawler. The vehicle is positioned on a rocky terrain, highlighting its off-road design.

4.2. Lighting System

The MN82S features a pre-installed lighting system for enhanced realism and visibility. This includes controllable headlights, backup lights, brake lights, turn signal lights, and hazard lights. These functions are typically controlled via dedicated buttons or switches on the remote control.



Image: The front view of the ARRIS MN82S RC Crawler with its pre-installed lighting system activated, showcasing bright headlights. The vehicle is on a dirt path, emphasizing its off-road readiness.

4.3. Dual-Speed Control

The vehicle is equipped with a dual-speed control system, allowing for easy high and low-speed gear shifting. This feature provides versatility for different driving conditions, from slow, precise crawling to faster traversal.

4.4. Detachable Rear Hood

The MN82S features a detachable rear hood, allowing you to switch between a pickup truck configuration and a trailer mode. This offers customization options for different play scenarios.

TRUCK OR TRAILER IN ONE CAR



Image: The ARRIS MN82S RC Crawler demonstrating its modular design, allowing conversion between a pickup truck and a trailer mode by detaching the rear hood and adding an equipped fence.

4.5. Driving Tips

- Start with low speed to get accustomed to the controls.
- Practice steering and throttle control in an open area.
- Avoid sudden stops or turns at high speeds to prevent rollovers.
- The 4WD system and large-diameter tires provide superior ground clearance and climbing ability for rugged terrain, sand, mud, rocks, and mountain trails.

REALISTIC 5 OPENING DOORS

Perfect for LC79 Enthusiasts



Image: The ARRIS MN82S RC Crawler navigating challenging rocky terrain, showcasing its realistic design and durable build. The vehicle's suspension and 4WD system are actively engaged to maintain traction.

Your browser does not support the video tag.

Video: An official product video from ARRIS showcasing the MN82S 1/12 RC Rock Crawler Toyota LC79 in action, demonstrating its off-road capabilities and realistic features.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your ARRIS MN82S RC Crawler.

- **Cleaning:** After each use, especially after driving in dirt or mud, clean the vehicle with a soft brush or cloth. Avoid using water directly on electronic components.
- **Lubrication:** Periodically check and lubricate moving parts such as gears and bearings to reduce wear.
- **Inspection:** Regularly inspect the vehicle for any loose screws, damaged parts, or worn tires. Replace damaged parts promptly.
- **Battery Storage:** Store the Li-ion battery in a cool, dry place, away from direct sunlight and extreme temperatures. Do not store fully charged or completely discharged for extended periods.
- **Upgrades:** The MN-82S allows for component upgrades like the motor and suspension for a personalized RC experience. Ensure any upgrades are compatible and installed correctly.

6. TROUBLESHOOTING

If you encounter issues with your ARRIS MN82S, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Vehicle not responding	Low battery in vehicle or remote; Not bound; Power switch off.	Charge/replace batteries; Re-bind remote and vehicle; Turn on power switches.
Poor range or interference	Obstacles blocking signal; Other 2.4GHz devices nearby.	Operate in an open area; Move away from other wireless devices.
Vehicle pulls to one side	Steering trim not adjusted; Damaged steering components.	Adjust steering trim on the remote; Inspect and replace damaged parts.
Motor not running	Motor connection loose; Motor damaged.	Check motor connections; Contact support for replacement.

7. SPECIFICATIONS

Feature	Detail
Brand	ARRIS
Model Name	MN82S
Scale	1:12
Drive System	4x4 Mid-Drive Transmission
Motor	280 Magnetic Motor
Servo	17g Waterproof Servo
Battery	7.4V 1200mAh Li-ion
Battery Life	Approx. 45 minutes
Speed	Approx. 6 km/h
Climbing Performance	Up to 45° Ramp
Signal Distance	2.4G / 50m
Towing Capacity	15kg
Load Capacity	3kg
Power & Steering	≤30°
Material Type	Plastic
Item Dimensions	14 x 6.3 x 6.5 inches



Image: An exploded view of the ARRIS MN82S RC Crawler's chassis, highlighting key components such as the integrated control board, 280 magnetic motor, rear simulated steel plate suspension, simulated trapezoidal beam, waterproof 17G servo, and 7.4V 1200mAh Li-ion battery.

8. WARRANTY & SUPPORT

ARRIS is committed to providing high-quality products and customer satisfaction. For any issues or inquiries regarding your MN82S RC Crawler, please contact our support team. We are ready to assist you. Please retain your proof of purchase for warranty claims. Specific warranty terms and conditions may apply and are detailed in the product packaging or on the official ARRIS website. For further assistance, visit the [ARRIS Store on Amazon](#).