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TAMIYA 56307

Tamiya Mercedes Benz 1850L RC Model Instruction Manual

Model: 56307

INTRODUCTION

Thank you for purchasing the Tamiya Mercedes Benz 1850L 1:14 scale remote-controlled truck kit. This manual provides essential information for the assembly, operation, and maintenance of your RC model. Please read this manual thoroughly before beginning assembly or operation to ensure safe and correct use.

This model is a highly detailed replica designed for enthusiasts and requires careful assembly. It does not include a battery, transmitter, receiver, or servo, which must be purchased separately.

SAFETY INFORMATION

Always operate your RC model in a safe and responsible manner. Failure to follow these safety guidelines may result in injury or damage to property.

- Keep hands, face, and loose clothing away from moving parts.
- Do not operate the model in public streets, near people, or in crowded areas.
- Ensure batteries are charged correctly and installed with correct polarity.
- Always turn off the model and transmitter when not in use.
- Store the model and components in a dry, safe place away from direct sunlight and extreme temperatures.
- This product is recommended for ages 14 years and older, and adult supervision is advised during assembly and operation.

PACKAGE CONTENTS

The Tamiya Mercedes Benz 1850L RC model kit includes:

- 1:14 scale Mercedes Benz 1850L truck kit components
- Detailed assembly instructions

Note: The following items are **not included** and must be purchased separately for operation:

- RC Transmitter (Radio)

- RC Receiver
- Steering Servo
- Drive Battery
- Battery Charger
- Paints and adhesives (for finishing the body)
- Tools for assembly

SETUP AND ASSEMBLY

This Tamiya RC model is a kit that requires complete assembly. Follow the included detailed assembly instructions carefully. It is recommended to organize all parts before starting and to use appropriate tools.

Assembly Steps Overview:

1. Unpack all components and verify against the parts list.
2. Assemble the chassis frame and suspension components.
3. Install the motor and gearbox.
4. Mount the steering servo and link it to the steering mechanism.
5. Assemble and paint the truck cab and body parts according to your desired finish.
6. Install the electronic speed controller (ESC), receiver, and battery tray.
7. Connect all wiring as per the wiring diagram.
8. Perform initial function checks before final body mounting.

For detailed step-by-step instructions, refer to the separate assembly manual provided in the kit.



Image: Overview of the Tamiya Mercedes Benz 1850L RC truck kit, showing various components for assembly. This image provides a general idea of the parts included in the kit.

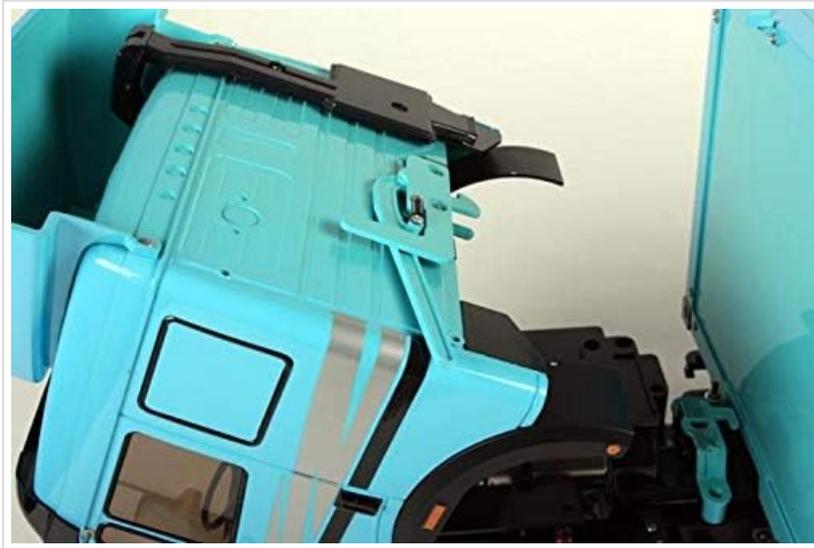


Image: The cab of the Tamiya Mercedes Benz 1850L RC truck tilted forward, demonstrating access to the internal chassis and electronic components for maintenance or installation. This feature is typical for realistic truck models.

OPERATING INSTRUCTIONS

Once assembled and equipped with the necessary electronics (transmitter, receiver, servo, battery), your Tamiya Mercedes Benz 1850L RC truck is ready for operation.

Pre-Operation Checklist:

- Ensure the drive battery is fully charged.
- Check all screws and connections for tightness.
- Verify that the steering and throttle respond correctly to transmitter inputs.
- Confirm that the transmitter and receiver are properly bound and on the correct frequency.

Starting the Model:

1. Turn on your RC transmitter first.
2. Connect the battery to the model's electronic speed controller (ESC).
3. Place the model on a flat surface and ensure no obstacles are nearby.
4. Gently apply throttle and steering inputs to control the truck.

Stopping the Model:

1. Bring the model to a complete stop.
2. Disconnect the battery from the model.
3. Turn off your RC transmitter.



Image: A fully assembled Tamiya Mercedes Benz 1850L RC truck, showcasing its detailed exterior and realistic proportions. This image represents the final appearance of the model after successful assembly.

MAINTENANCE

Regular maintenance will extend the life and performance of your Tamiya RC truck.

- **Cleaning:** After each use, especially if operated outdoors, clean the model to remove dirt, dust, and debris. Use a soft brush or compressed air.
- **Inspection:** Periodically inspect all screws, nuts, and bolts for tightness. Check for any damaged or worn parts.
- **Lubrication:** Apply appropriate lubricants to moving parts like gears and bearings as recommended in the assembly manual.
- **Battery Care:** Follow the manufacturer's instructions for charging and storing your drive battery. Never overcharge or completely discharge batteries.
- **Storage:** Store the model in a cool, dry place away from direct sunlight.



Image: A close-up view of the side chassis and wheels of the Tamiya Mercedes Benz 1850L RC truck, highlighting the suspension and drivetrain components. This area requires regular inspection and cleaning for optimal performance.

TROUBLESHOOTING

If you encounter issues with your RC truck, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Model does not respond	Battery low/dead; Transmitter off; Receiver not bound; Loose wiring.	Charge battery; Turn on transmitter; Re-bind receiver; Check all connections.
Steering not working	Servo disconnected/damaged; Steering linkage jammed.	Check servo connection; Inspect linkage for obstructions; Replace servo if damaged.
Motor not running	ESC not connected; Motor wires loose; Motor damaged.	Check ESC connections; Secure motor wires; Consult a hobby shop for motor inspection/replacement.

If the problem persists, consult the detailed troubleshooting section in your assembly manual or contact Tamiya customer support.

SPECIFICATIONS

Feature	Detail
Brand	TAMIYA
Model Name	MERCEDES BENZ 1850L
Model Number	56307
Scale	1:14
Product Dimensions (L x W x H)	57.7 x 37.4 x 15.8 cm
Item Weight	5.7 kg
Assembly Required	Yes
Batteries Required	No (for kit, but required for operation)
Batteries Included	No
Remote Control Included	No
Recommended Age (Manufacturer)	14 years and older
Toy Vehicle Form	Truck

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Tamiya website. Keep your proof of purchase for any warranty claims.

Tamiya Official Website: www.tamiya.com

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