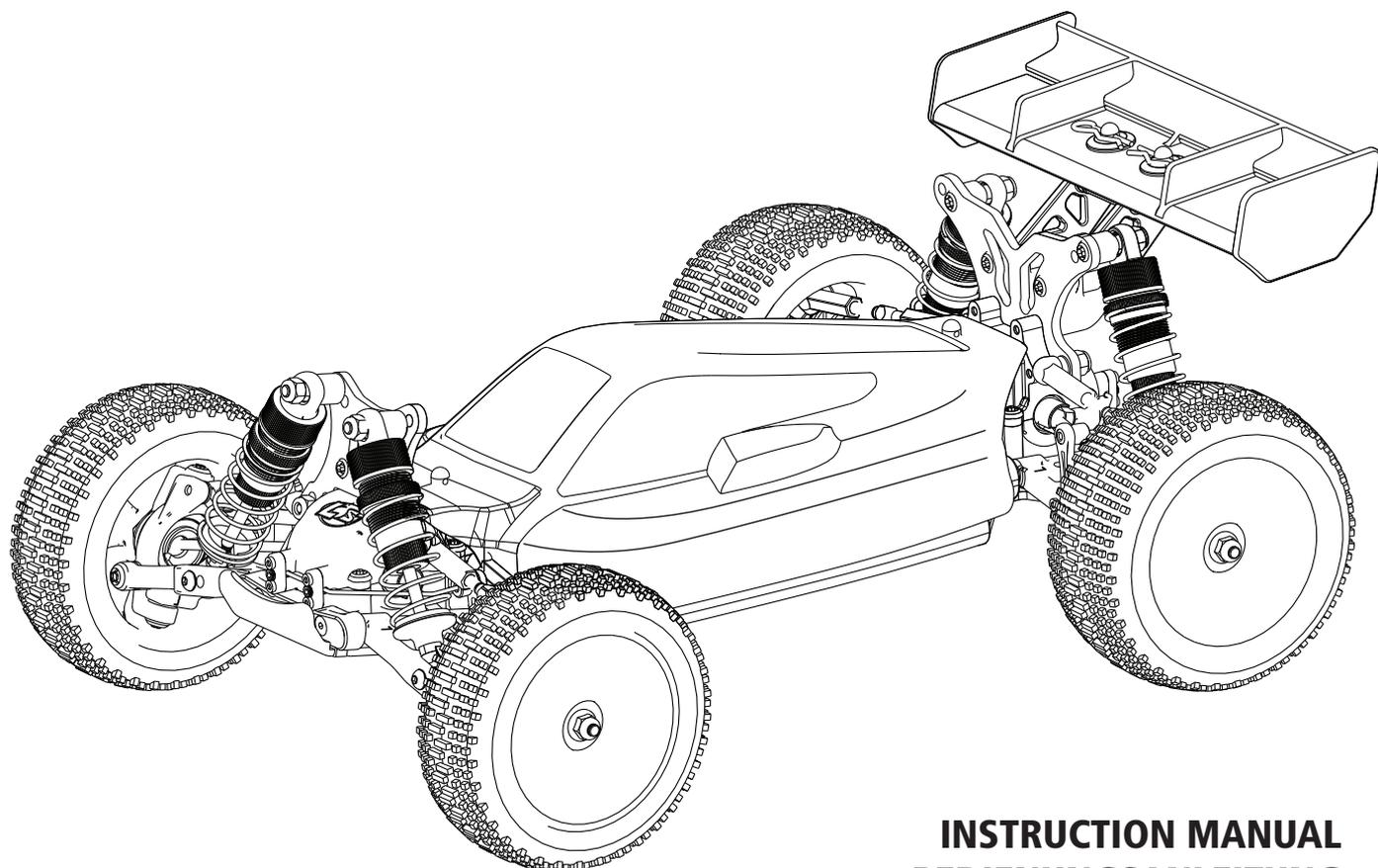


RTR
READY-TO-RUN



**INSTRUCTION MANUAL
BEDIENUNGSANLEITUNG
MANUEL D'UTILISATION
MANUALE DI ISTRUZIONI**

EIGHT™ **MINI**

1/14-SCALE BRUSHLESS BUGGY



NOTICE

All instructions, warranties and other collateral documents are subject to change at the sole discretion of Horizon Hobby, Inc. For up-to-date product literature, visit horizonhobby.com and click on the support tab for this product.

Meaning of Special Language

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND a little or no possibility of injury.

CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

WARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

 **WARNING:** Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.

This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not attempt disassembly, use with incompatible components or augment product in any way without the approval of Horizon Hobby, Inc. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

Additional Safety Precautions and Warnings

Age Recommendation: Not for children under 14 years. This is not a toy.

- Always keep a safe distance in all directions around your model to avoid collisions or injury. This model is controlled by a radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control.
- Always operate your model in open spaces away from full-size vehicles, traffic and people.
- Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).
- Always keep all chemicals, small parts and anything electrical out of the reach of children.
- Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics.
- Never place any portion of the model in your mouth as it could cause serious injury or even death.
- Never operate your model with low transmitter batteries.

Battery Warnings and Precautions

Failure to exercise caution while using this product and comply with the following warnings could result in product malfunction, electrical issues, excessive heat, FIRE, and ultimately injury and property damage.

- Read all safety precautions and literature prior to use of this product.
- Never leave the battery and charger unattended during use.
- Never attempt to dismantle the charger.
- Never reverse the positive and negative terminals. Wrong connection will damage the battery and may cause damage to the charger.
- Never allow minors to charge battery packs without adult supervision.
- Never drop charger or batteries.
- Never attempt to charge dead or damaged batteries.
- Never attempt to charge a battery pack containing different types of batteries.
- Never charge a battery if the cable has been pinched or shorted.
- Never allow batteries or battery packs to come into contact with moisture at any time.
- Never charge batteries in extremely hot or cold places (recommended between 50–80 degrees F) or place in direct sunlight.
- Always use only rechargeable batteries. This charger cannot charge batteries such as “heavy duty,” “Alkaline battery,” or “Mercury battery.”
- Always connect the positive red lead (+) and negative black lead (-) terminals of the battery to the charger terminals correctly.
- Always disconnect the battery after charging, and let the charger cool between charges.
- Always inspect the battery before charging.
- Always terminate all processes and contact Horizon Hobby if the product malfunctions.
- Always keep batteries and charger away from any material that could be affected by heat (such as ceramic and tile), as they can get hot.
- Always monitor the area, use a fire alarm and have a fire extinguisher available at all times.
- Always make sure you know the specifications of the battery to be charged or discharged to ensure it meets the requirements of this charger.
- Always constantly monitor the temperature of the battery pack while charging.
- Always end the charging process if the charger or battery becomes hot to the touch or starts to change form (swell) during the charge process.

Register your Losi Product Online

Register your vehicle now and be the first to find out about the latest option parts, product updates and more.

Log on to WWW.LOSI.COM and follow the product registration link to stay connected.

Before operating this vehicle, please read all printed materials thoroughly. Not responsible for errors.

Thank you for choosing the Losi® Mini 8IGHT™ 1/14-Scale brushless buggy. This guide contains the basic instructions for operating your new Mini 8IGHT. It is critical that you read all of the instructions in order to operate your model correctly and avoid unnecessary damage.

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Components

Mini 8IGHT
Losi® Radio System with Spektrum™ 2.4GHz DSM® technology
4 AA Batteries (for transmitter)
Losi 7.2V 1100mAh NiMH Battery Pack with EC2™ connector
Losi AC Wall Charger with EC2™ connector (110V)

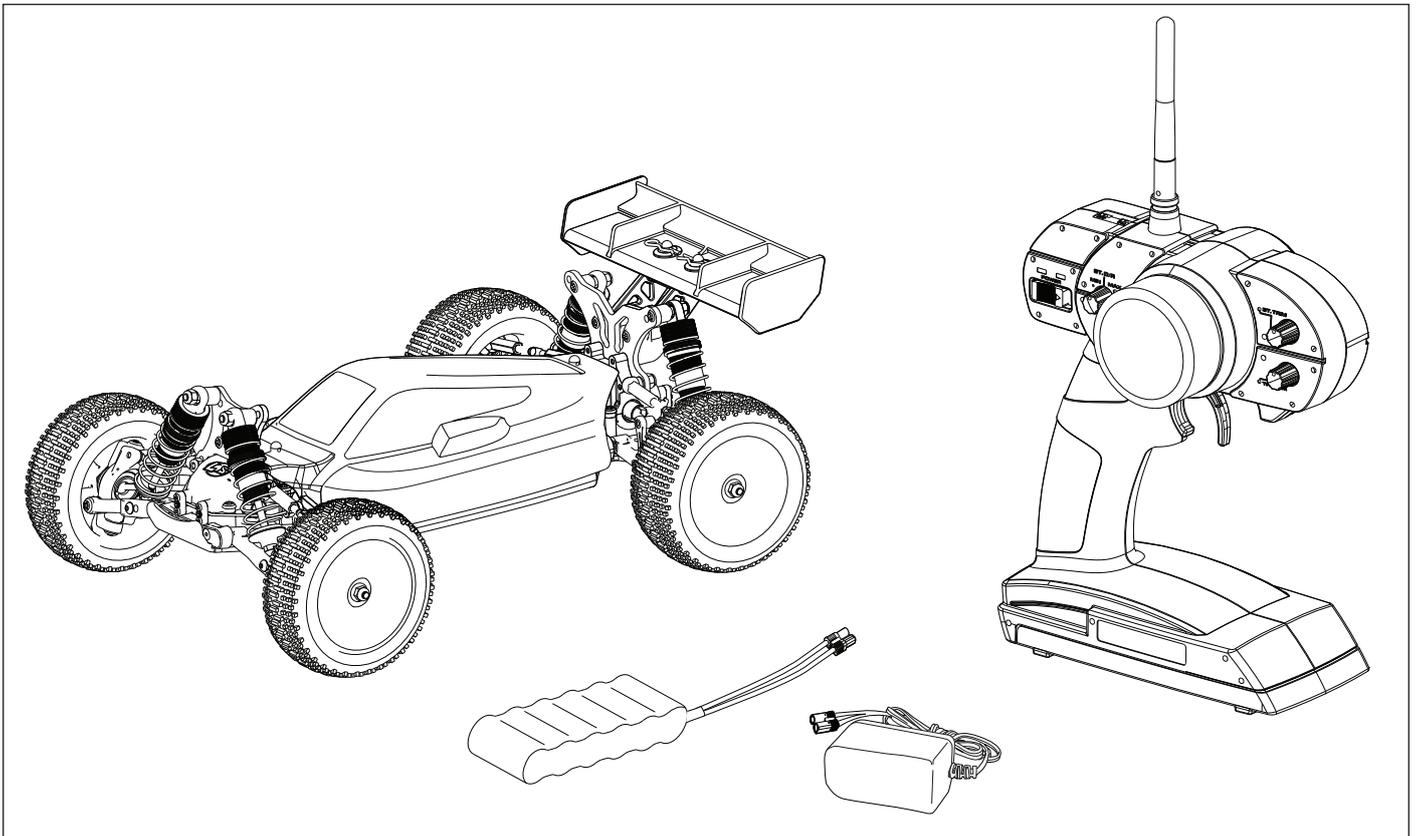
Tools Necessary

Soft bristle brush for cleaning
#0 or #1 Phillips screwdriver

Optional Tools

LOSA99161 5.5mm nut driver for the wheel nuts (optional)
LOSA99100 .050-inch Hex wrench (optional)

Use only Losi tools or other high-quality tools. Use of inexpensive tools can cause damage to the small screws and parts used on this type of model.



Quick Start Guide

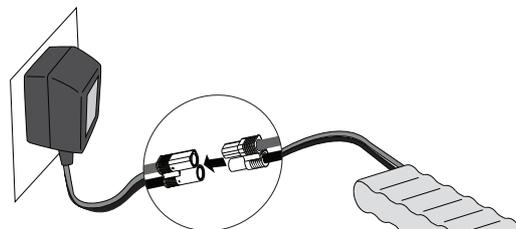
- | | |
|--|---------------------------------------|
| 1. CHARGE BATTERY | 5. POWER ON TRANSMITTER |
| 2. INSTALL TRANSMITTER BATTERIES | 6. POWER ON VEHICLE |
| 3. INSTALL CHARGED BATTERY INTO CHASSIS | 7. CHECK VEHICLE TRIM SETTINGS |
| 4. PLUG BATTERY INTO ESC | |

Charging your Battery

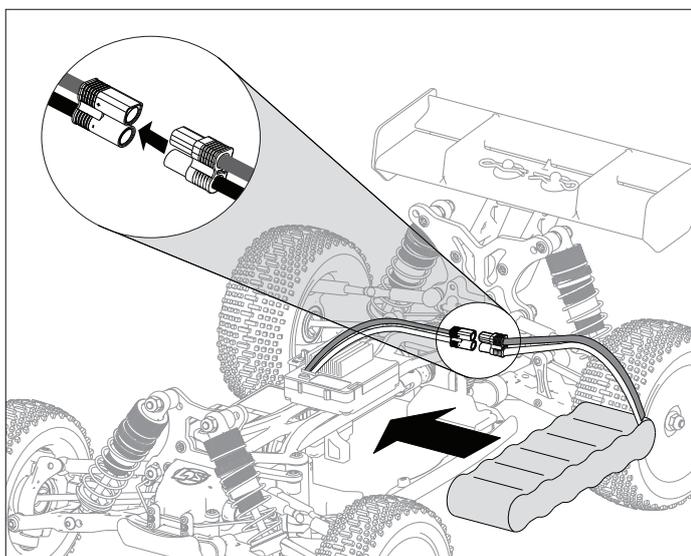
The Battery Charging Process

1. Charge only batteries that are cool to the touch and are not damaged e.g., swollen, bent, broken or punctured.
2. Connect the charger to the proper wall receptacle noting proper polarity.
3. Plug the battery's EC2™ connector into the charger's EC2™ connector
4. Let the battery charge for 3 hours.
5. Monitor the battery during the charge, and end the charge process if the charger or battery becomes hot.
6. Always unplug the battery from the charger immediately upon completion of charging.

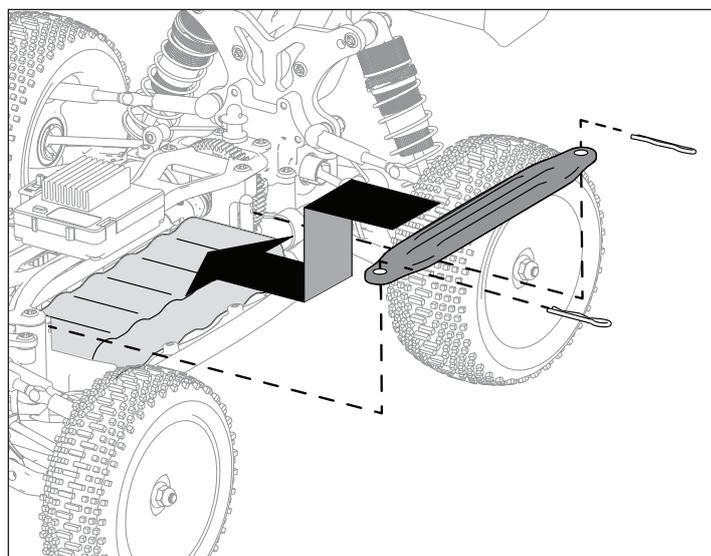
⚠ CAUTION: Overcharging a battery can cause a fire.



Installing Battery



1. Once the battery is charged, remove the body clips from the battery strap posts. Remove the battery strap.
2. Install the charged battery pack into the chassis as shown. Ensure the battery is laying flat on the chassis.

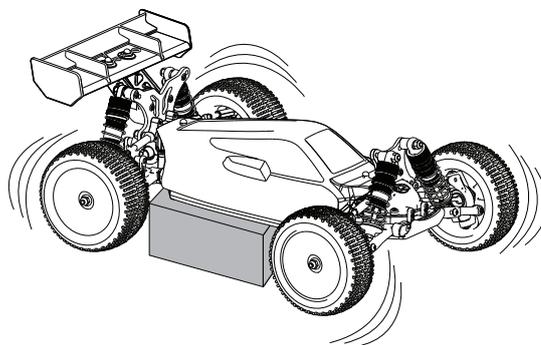


3. Plug the battery pack's EC2 connector into the ESC's EC2 connector.
4. Reinstall the battery strap and body clips. Plug the battery pack into the ESC.

Control Test

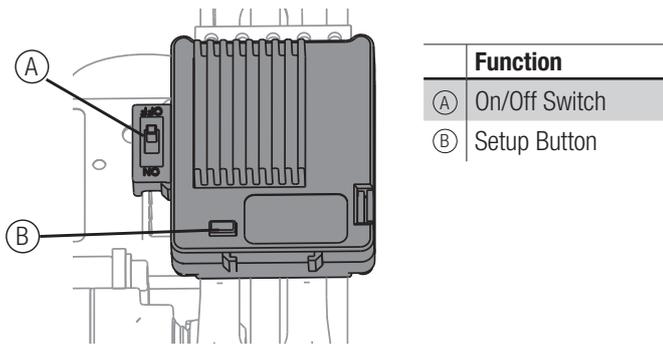
Perform a control test with vehicle wheels off of the ground.

If the wheels rotate after the vehicle is powered on, adjust the "TH. Trim" knob located to the lower right of the steering wheel until they stop. To make the wheels move forward, pull the trigger back. To reverse them, wait for the wheels to stop, then push the trigger forward. When going forward, the wheels should maintain a straight line. If not, adjust the "ST. Trim" knob, located to the upper right of the steering wheel, so that the wheels maintain a straight line without having to turn the steering wheel.



Recalibrating and Adjusting the MSC-18BL HP ESC

SPEED CONTROL PROGRAMMING



When the ESC is turned on, it will check the connection between the Red and White wire. If the wires are shorted, it will go into brushed motor mode.

Brushed Motor

- Motor (+) connected to Red and White Wire of ESC
- Motor (-) connected to Black Wire of ESC

Brushless Motor

Connect the 3 motor wires to the Red, White and Black wires of the ESC. If the motor runs in the reverse direction after calibration, disconnect any 2 motor wires from the ESC and reconnect those 2 motor wires in the opposite orientation.

BATTERY TYPE PROGRAMMING

1. LED indicator

Once the power is turned on, the LED will display the selected Battery Type for 2 seconds.

Red and Green LEDs are used to display the selected Battery Type:

- Red LED Flashing = LiPo is selected
- Green LED Flashing = NiMH/NiCd is selected

To change from one battery type to another, press the setup button during the first 2 seconds after turning on the ESC. The cutoff voltage will automatically adjust based on battery type.

- For LiPo battery: The ESC will auto detect whether it is 2-cell, 7.4V (6.0V Cutoff) or 3-cell, 11.1V (9.0V Cutoff)
- For NiMH: The ESC will cut off at 4.3V

2. LED display during "Normal Operation"

Condition	LED
Stop	Green
Partial Forward	Off
Max Forward	Red
Partial Reverse	Off
Max Reverse	Red
Brake	Red and Green

3. One-Touch Endpoints Calibration Programming:

- Turn on the Transmitter with throttle in neutral position.
- Hold the ESC setup button and turn on ESC.
- The Red and Green LED will turn on; release setup button.
- The Green LED will begin flashing; pull trigger to full throttle position until Green LED turns solid, then return to neutral position.
- The Red LED will begin flashing; push trigger to full brake/reverse position until Red LED turns solid.
- Release trigger to neutral position and programming is complete.

4. LED display for "Error"

- Battery Voltage is too high (over 13V)—Solid Red LED and Green LED flashing slowly (Only during Power ON)
- Overheat—Alternately Flashing Red and Green
- Motor Failure (Bad Motor, Locked Rotor, Bad Connection)—Red LED flashing quickly 3 times (repeating sequence)
- Battery Low—Solid Green LED and Red LED flashing slowly

5. ESC Profile Selection:

- When the ESC is at the neutral position, the Green LED can be used to indicate the currently selected profile:

Profile	Green LED
Forward/Reverse Mode	Solid ON
Forward Only	Slow Flashing

- To select ESC profile:

- With ESC at neutral position, hold the setup button over 5 seconds to change the ESC profile

Technical Specifications

Sensorless Brushless ESC

Resistance per phase	0.0017 Ohm
Current	32A continuous current, 260A burst current
Max RPM	80,000
Battery compatibility	4- to 7-cell NiMH/NiCd, or 2- to 3-cell LiPo
BEC	5V, 1A

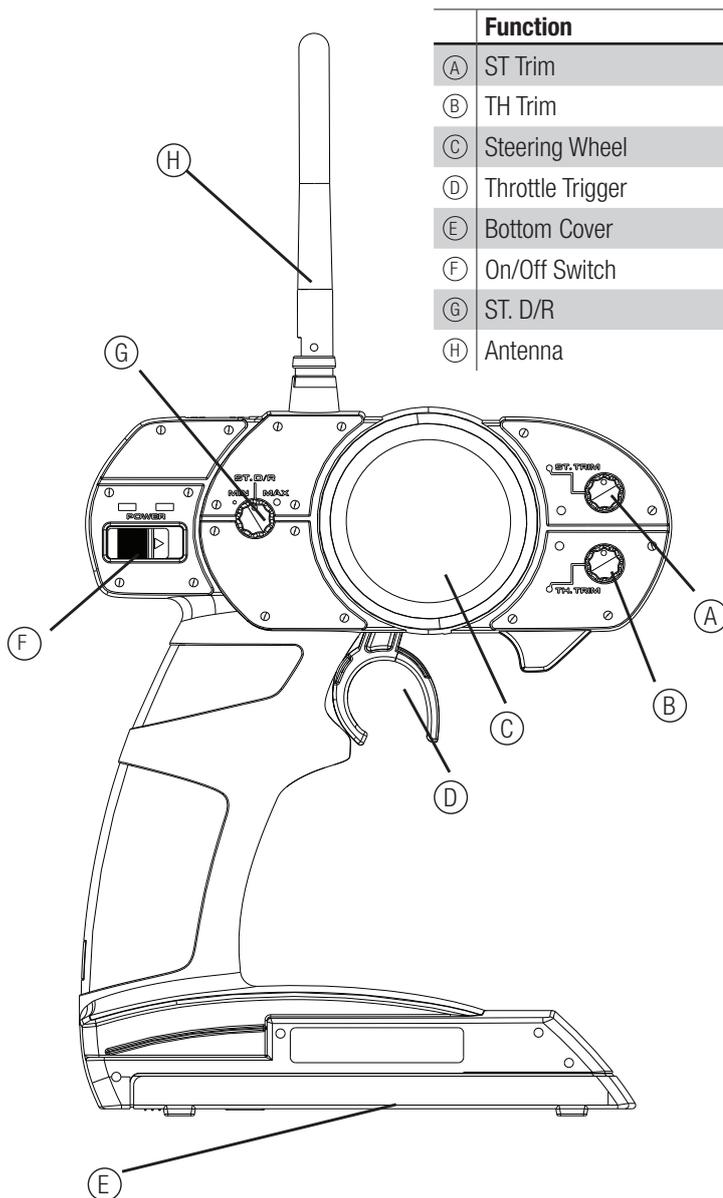
NOTICE: Only power this vehicle with the stock 6-cell, 7.2-Volt NiMH battery pack (LOSB1209), a 2-cell, 7.4-Volt LiPo battery pack (LOSB9835) or 3-cell, 11.1-Volt LiPo battery pack (LOSB9836). The use of higher voltage battery packs will cause ESC damage and void any warranty.

Transmitter and Receiver Binding

Binding Procedure

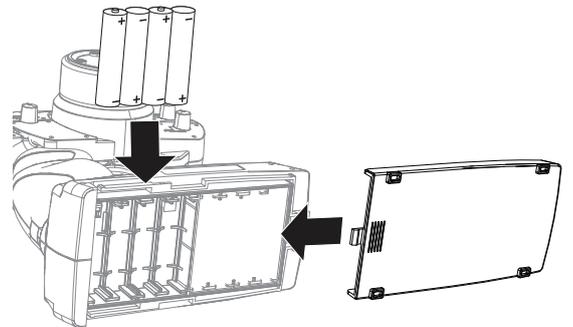
- Make sure the transmitter and vehicle are both powered off.
- Install a bind plug in the receiver battery/bind port. You do not need to remove any of the other plugs to re-bind.
- With the Bind plug installed, turn on the vehicle. Notice a blinking Orange LED within the receiver.
- Power on the transmitter. The orange LED on the rear of the transmitter will blink.
- When the receiver binds to the transmitter, the receiver light will turn solid.
- Power off the transmitter and vehicle.
- Disconnect the battery from the ESC. Remove the bind plug from the receiver.
- Safely store the bind plug.
- The receiver will keep the binding to the transmitter until another binding is done.

The Transmitter



- ST. Trim:** Adjusts the “hands off” direction of the model.
- TH. Trim:** Adjusts the motor speed to stop at neutral.
- Steering Wheel:** Controls direction (left/right) of the model.
- Throttle Trigger:** Controls speed and direction (forward/reverse) of the model.
- Bottom Cover:** Covers and holds the batteries that power the transmitter.
- On/Off Switch:** Turns the power On/Off for the transmitter.
- Steering Rate:** Adjusts amount the front wheels move when the steering wheel is turned left and right.
- Antenna:** Transmits signal to the model.
- Indicator Lights:** Green (right) light indicates adequate battery power. Red (left) indicates signal strength.
- ST. REV:** Reverses the function of the steering when the wheel is turned left or right.
- TH. REV:** Reverses the function of the speed control when pulled back or pushed forward.

Installing Batteries



CAUTION: Do not remove transmitter batteries while the model is powered on or while operating a model as loss of model control, damage or injury can result.

Driving your Vehicle

- Avoid driving the vehicle in or through standing water, wet grass, mud or snow. The electronics in the vehicle are not waterproof.
 - Maintain sight of the vehicle at all times.
 - Routinely inspect the vehicle for loose wheel hardware.
 - Routinely inspect the steering assembly for any loose hardware. Driving the vehicle off-road can cause fasteners to loosen over time.
 - Do not drive the vehicle in tall grass. Doing so can damage the vehicle or electronics.
 - Stop driving the vehicle when you notice a lack of power. Driving the vehicle when the battery is discharged can cause the receiver to power off. You may lose control of the vehicle.
- ⚠ CAUTION:** Do not discharge a LiPo battery below 3V per cell. Batteries discharged to a voltage lower than the lowest approved voltage may become damaged, resulting in loss of performance and potential fire when batteries are charged.
- Do not apply throttle in forward or reverse if the vehicle is stuck. Applying throttle in this instance can damage the motor or ESC.
 - After driving the vehicle, allow the electronics several minutes to cool before using the next battery pack.

RUN TIME

The largest factor in run time is the capacity of your battery pack. A larger mAh rating increases the amount of run time you will experience. The condition of a battery pack is also an important factor in both run time and speed. The battery connectors may become hot during driving. Batteries will lose performance and capacity over time. Driving the vehicle from a stop to full speed repeatedly will damage the batteries and electronics over time. Sudden acceleration will lead to shorter run times.

To Improve Run Times

- Clean and oil bearings often. If bearings are dirty, they will increase friction and cause reduced performance.
- Keep your vehicle clean and maintained.
- Allow more airflow to the ESC.
- Change the gearing to a lower ratio. A lower ratio decreases the operating temperature of the electronics. Use a smaller pinion gear or larger spur gear to lower the gear ratio.
- Use a battery pack with a higher mAh rating.
- Use the optimum charger to charge your battery packs. (Visit your local hobby dealer for information.)

TUNING, ADJUSTING & MAINTAINING YOUR VEHICLE

- Examine your vehicle on a regular basis.
- Use a brush to remove dirt and dust.
- Look for damage to suspension arms and other molded parts.
- Re-glue the tires to the wheels if necessary.
- Clean and oil all wheel bearings.
- Use suitable tools to tighten fasteners.
- Make sure camber and steering linkages are not bent. Replace any bent linkages.
- Adjust Toe and Camber settings if necessary.
- Remove the shocks and inspect them for damage. Rebuild shocks if oil is leaking.
- Inspect electronics and batteries for exposed wires. Repair exposed wires with shrink-wrap or replace the wire.
- Make sure the ESC and receiver are secure on the chassis. Replace the double-sided tape if necessary.
- Power on the transmitter. If the green LED is dim or off, replace the AA batteries in your transmitter.
- Check the spur gear and pinion gear for wear.

SERVICE/REPAIR

Radio/Speed Control & Motor

If you have any problems other than those covered in the troubleshooting section, please call the appropriate electronics service department. They will be able to give your specific problem additional attention and instruct you as to what needs to be done.

Maintenance

If you have any questions other than those covered in the troubleshooting or maintenance sections, please call the appropriate Horizon product support department.

Cleaning

Performance can be hindered if dirt gets in any of the moving suspension parts. Use compressed air, a soft paintbrush, or toothbrush to remove dust or dirt. Avoid using solvents or chemicals as they can actually wash dirt into the bearings or moving parts as well as cause damage to the electronics.

Troubleshooting Guide

Problem	Possible Cause	Solution
Vehicle doesn't operate	Battery not charged or plugged in	Charge battery/plug in
	Receiver switch not "On"	Turn on receiver switch
	Transmitter not "On" or low batteries	Turn on/replace batteries
Motor runs but rear wheels don't move	Pinion not meshing with spur gear	Adjust pinion/spur mesh
	Pinion spinning on motor shaft	Replace pinion gear on motor
	Slipper too loose	Check & adjust slipper
	Transmission gears stripped	Replace transmission gears Check and replace drive pin
Steering doesn't work	Servo plug not in receiver	Check if plugged in/in all the way
	Servo gears or motor damaged	Replace or repair servo
Won't turn in one direction	Servo gears damaged	Replace servo
Motor doesn't run	Motor plugs loose	Plug in completely
	Motor wire broken	Repair or replace as needed
	ESC damaged	Contact Horizon Hobby Product Support
ESC gets hot	Motor over-gear	Use smaller pinion on motor
	Driveline bound up	Check wheels, suspension, and transmission for binding
Poor run time and/or sluggish acceleration	NiMH pack not fully charged	Recharge battery
	Charger not allowing full charge	Try another charger
	Slipper slipping too much	Check/adjust slipper
	Motor worn out	Replace motor
	Driveline bound up	Check wheels, transmission for binding
Poor range and/or glitching	Transmitter batteries low	Check and replace
	Transmitter antenna loose	Check and tighten
	Vehicle battery low	Recharge or replace
	Loose plugs or wires	Check motor and power plugs
Slipper won't adjust	Drive pin missing in shaft	Replace drive pin
	Spur gear face worn out	Replace spur gear and adjust slipper

Limited Warranty

What this Warranty Covers

Horizon Hobby, Inc., (Horizon) warranties that the Products purchased (the "Product") will be free from defects in materials and workmanship at the date of purchase by the Purchaser.

What is Not Covered

This warranty is not transferable and does not cover (i) cosmetic damage, (ii) damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or due to improper use, installation, operation or maintenance, (iii) modification of or to any part of the Product, (iv) attempted service by anyone other than a Horizon Hobby authorized service center, or (v) Products not purchased from an authorized Horizon dealer.

OTHER THAN THE EXPRESS WARRANTY ABOVE, HORIZON MAKES NO OTHER WARRANTY OR REPRESENTATION, AND HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

Purchaser's Remedy

Horizon's sole obligation and purchaser's sole and exclusive remedy shall be that Horizon will, at its option, either (i) service, or (ii) replace, any Product determined by Horizon to be defective. Horizon reserves the right to inspect any and all Product(s) involved in a warranty claim. Service or replacement decisions are at the sole discretion of Horizon. Proof of purchase is required for all warranty claims. SERVICE OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY.

Limitation of Liability

HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY, REGARDLESS OF WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY, EVEN IF HORIZON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Further, in no event shall the liability of Horizon exceed the individual price of the Product on which liability is asserted. As Horizon has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability. If you as the purchaser or user are not prepared to accept the liability associated with the use of the Product, purchaser is advised to return the Product immediately in new and unused condition to the place of purchase.

Law

These terms are governed by Illinois law (without regard to conflict of law principals). This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Horizon reserves the right to change or modify this warranty at any time without notice.

WARRANTY SERVICES

Questions, Assistance, and Services

Your local hobby store and/or place of purchase cannot provide warranty support or service. Once assembly, setup or use of the Product has been started, you must contact your local distributor or Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please direct your email to productsupport@horizonhobby.com, or call 877.504.0233 toll free to speak to a Product Support representative. You may also find information on our website at www.horizonhobby.com.

Inspection or Services

If this Product needs to be inspected or serviced, please use the Horizon Online Service Request submission process found on our website or call Horizon to obtain a Return Merchandise Authorization (RMA) number. Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels, as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. An Online Service Request is available at <http://www.horizonhobby.com> under the Support tab. If you do not have internet access, please contact Horizon Product Support to obtain a RMA number along with instructions for submitting your product for service. When calling Horizon, you will be asked to provide your complete name, street address, email address and phone number where you can be reached during business hours. When sending product into Horizon, please include your RMA number, a list of the included items, and a brief summary of the problem. A copy of your original sales receipt must be included for warranty consideration. Be sure your name, address, and RMA number are clearly written on the outside of the shipping carton.

Notice: Do not ship LiPo batteries to Horizon. If you have any issue with a LiPo battery, please contact the appropriate Horizon Product Support office.

Warranty Requirements

For Warranty consideration, you must include your original sales receipt verifying the proof-of-purchase date. Provided warranty conditions have been met, your Product will be serviced or replaced free of charge. Service or replacement decisions are at the sole discretion of Horizon.

Non-Warranty Service

Should your service not be covered by warranty service will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost. By submitting the item for service you are agreeing to payment of the service without notification. Service estimates are available upon request. You must include this request with your item submitted for service. Non-warranty service estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Horizon accepts money orders and cashiers checks, as well as Visa, MasterCard, American Express, and Discover cards. By submitting any item to Horizon for service, you are agreeing to Horizon's Terms and Conditions found on our website <http://www.horizonhobby.com/Service/Request/>.

FCC Information

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This product contains a radio transmitter with wireless technology which has been tested and found to be compliant with the applicable regulations governing a radio transmitter in the 2.400 GHz to 2.4835 GHz frequency range.

Warranty and Service Contact Information

Country of Purchase	Horizon Hobby	Address	Phone Number/Email Address
United States of America	Horizon Service Center (Electronics and engines)	4105 Fieldstone Rd Champaign, Illinois, 61822 USA	877-504-0233 Online Repair Request: visit www.horizonhobby.com/service
	Horizon Product Support (All other products)	4105 Fieldstone Rd Champaign, Illinois, 61822 USA	877-504-0233 productsupport@horizonhobby.com
United Kingdom	Horizon Hobby Limited	Units 1-4 Ployters Rd Staple Tye Harlow, Essex CM18 7NS, United Kingdom	+44 (0) 1279 641 097 sales@horizonhobby.co.uk
Germany	Horizon Technischer Service	Hamburger Str. 10 25335 Elmshorn, Germany	+49 4121 46199 66 service@horizonhobby.de
France	Horizon Hobby SAS	14 Rue Gustave Eiffel Zone d'Activité du Réveil Matin 91230 Montgeron	+33 (0) 1 60 47 44 70 infofrance@horizonhobby.com

Parts Contact Information

Country of Purchase	Horizon Hobby	Address	Phone Number/Email Address
United States of America	Sales	4105 Fieldstone Rd Champaign, Illinois, 61822 USA	800-338-4639 sales@horizonhobby.com
United Kingdom	Horizon Hobby Limited	Units 1-4 Ployters Rd Staple Tye Harlow, Essex CM18 7NS, United Kingdom	+44 (0) 1279 641 097 sales@horizonhobby.co.uk
Germany	Horizon Hobby GmbH	Hamburger Str. 10 25335 Elmshorn, Germany	+49 4121 46199 60 service@horizonhobby.de
France	Horizon Hobby SAS	14 Rue Gustave Eiffel Zone d'Activité du Réveil Matin 91230 Montgeron	+33 (0) 1 60 47 44 70 infofrance@horizonhobby.com

Compliance Information for the European Union

Declaration of Conformity

(in accordance with ISO/IEC 17050-1)

No. HH2011091701

CE Product(s): 1/14 Mini 8IGHT RTR
Item Number(s): LOSB0224i
Equipment class: 1

The object of declaration described above is in conformity with the requirements of the specifications listed below, following the provisions of the European R&TTE directive 1999/5/EC and EMC Directive 2004/108/EC:

EN 300-328 V1.7.1

EN 301 489-1 V1.7.1: 2006

EN 301 489-17 V1.3.2: 2008

EN 60950-1:2006+A11

EN55022: 2006+A1:2007

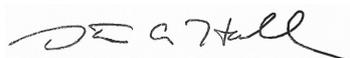
EN55024: 1998+A1: 2001+A2: 2003

EN61000-3-2:2006+A1:2009+A2:2009

EN61000-3-3:2008

Signed for and on behalf of:

Horizon Hobby, Inc.
Champaign, IL USA
September 17, 2011



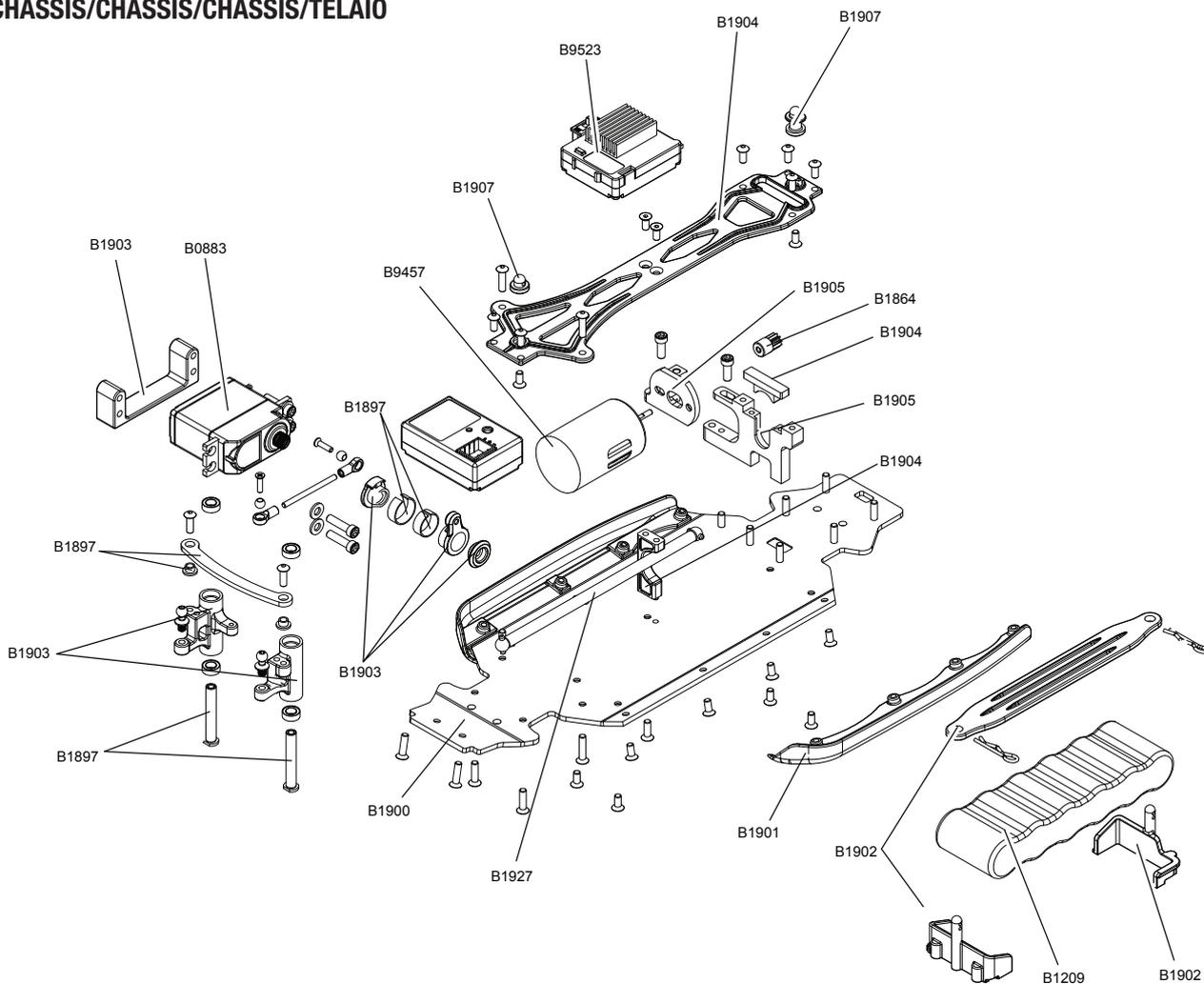
Steven A. Hall
Vice President
International Operations and Risk Management
Horizon Hobby, Inc.

Instructions for disposal of WEEE by users in the European Union

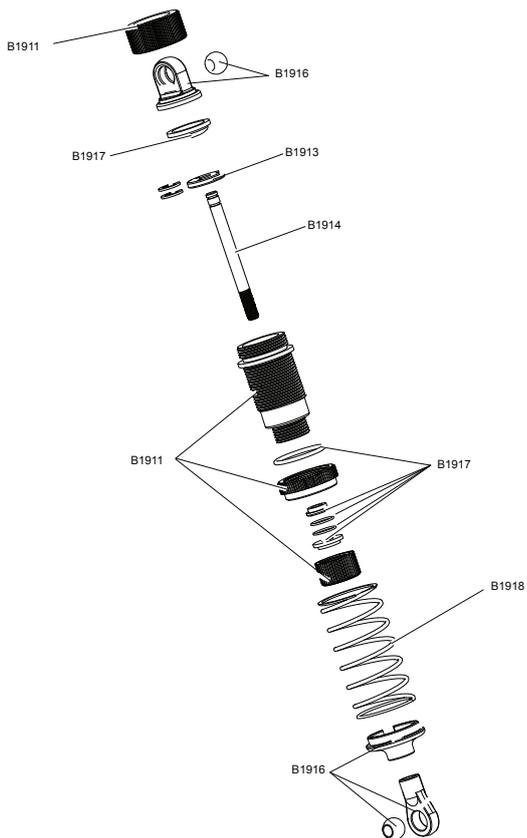


This product must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or where you purchased the product.

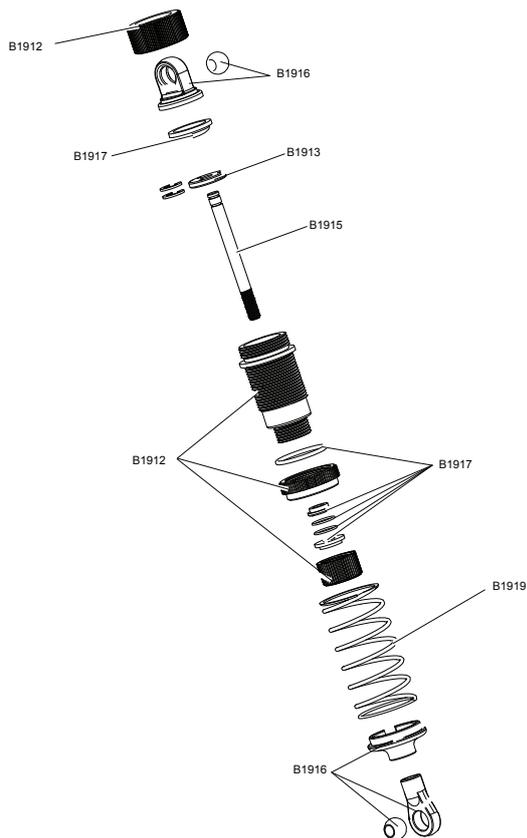
Exploded View/Explosionszeichnung/Vue éclatée/Vista Esplosa
CHASSIS/CHASSIS/CHÂSSIS/TELAIO



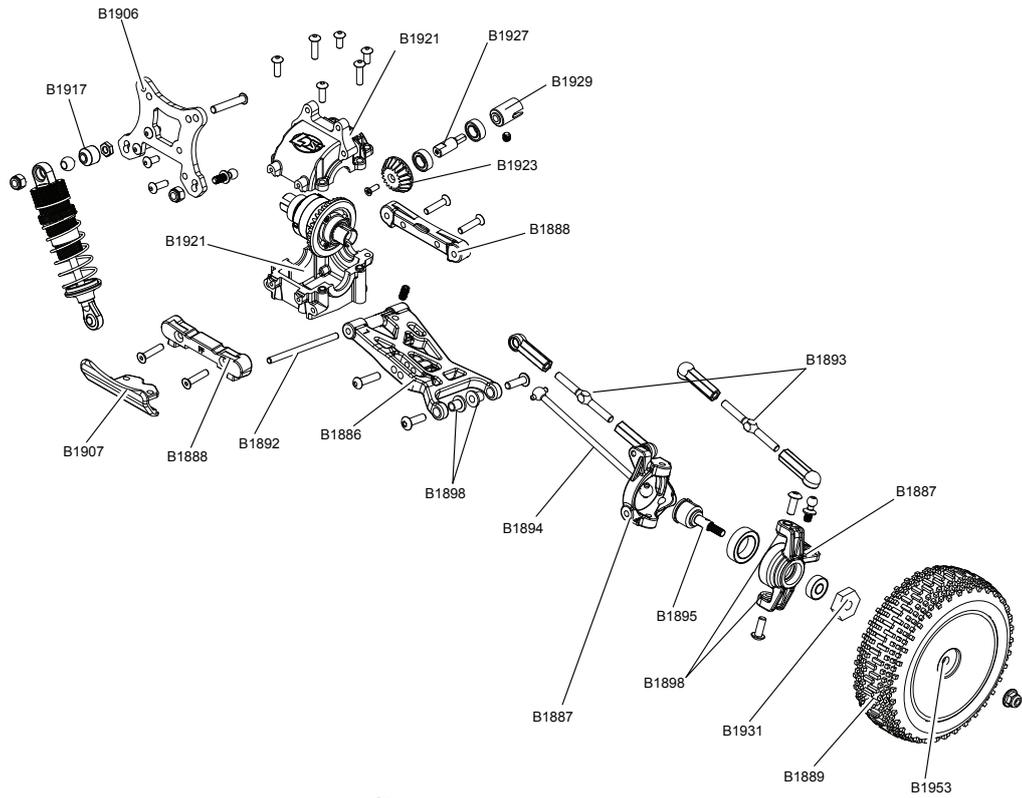
**FRONT SHOCK/STOSSDÄMPFER VORNE/
 AMORTISSEUR AVANT/AMMORTIZZATORE ANTERIORE**



**REAR SHOCK/STOSSDÄMPFER HINTEN/
 AMORTISSEUR ARRIÈRE/ AMMORTIZZATORE POSTERIORE**

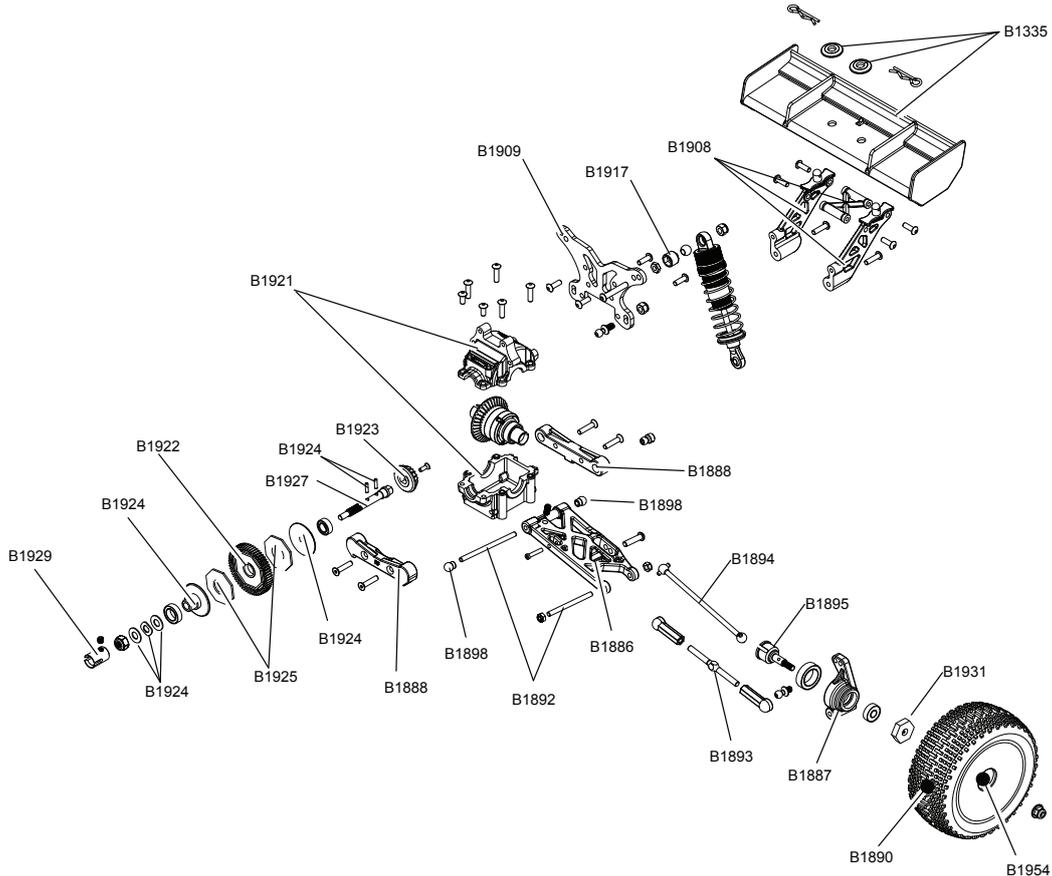


Exploded View/Explosionszeichnung/Vue éclatée/Vista Esplosa
FRONT SUSPENSION/VORDERE AUFHÄNGUNG/SUSPENSION/SOSPENSIONE ANTERIORE AVANT

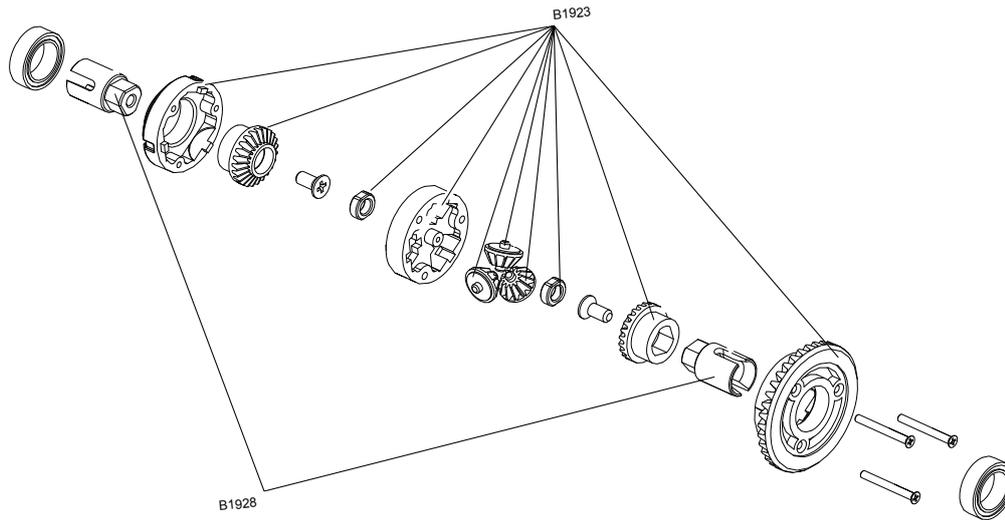


All Fasteners	All Ball Bearings	All Ball Studs	All Ball Cups
Alle Halter	Alle Kugellager	Alle Kugelköpfe	Alle Kugelpfannen
Toutes les fixations	Tous les roulements à billes	Toutes les rotules	Toutes les coupelles de rotule
Tutti i bulloni	Tutti i cuscinetti a sfera	Tutti i prigionieri a sfera	Tutte le coppelle delle sfere
LOSB1860	LOSB1932	LOSB1891	LOSB1896

REAR SUSPENSION/HINTERE AUFHÄNGUNG/SUSPENSION ARRIÈRE/SOSPENSIONE POSTERIORE



DIFFERENTIAL/DIFFERENTIAL/DIFFÉRENTIEL/DIFFERENZIALE



Parts Listings/Teileliste/Liste des pièces/Elenco componenti

Part #	English	Deutsch	Français	Italiano
LOSB0883	Servo, Mini 8IGHT	Servo, Mini 8IGHT	Servo, Mini 8IGHT	Servo, Mini 8IGHT
LOSB1209	7.2V 6C NiMH Batt w/EC2	7.2V 6C NiMH Akku EC2	Accus 7,2 V 6 él. NiMH avec EC2	Batt NiMH 7,2 V 6 C con EC2
LOSB1335	Wing Set, Mini 8IGHT	Spoiler Set, Mini 8IGHT	Aileron, Mini 8IGHT	Set alettoni, Mini 8IGHT
LOSB1336	Mini 8IGHT Body Set, Metallic Red	Mini 8IGHT Body Set, Metallic Rot	Carrosserie Mini 8IGHT, rouge métallisé	Set corpo Mini 8IGHT, rosso metallico
LOSB1328	Mini 8IGHT Body Set, Black	Mini 8IGHT Body Set, Schwarz	Carrosserie Mini 8IGHT, noire	Set corpo Mini 8IGHT, nero
LOSB1860	Hardware Set, Mini 8IGHT	Hardware Set, Mini 8IGHT	Visserie, Mini 8IGHT	Set bulloni, Mini 8IGHT
LOSB1864	Pinion Gear, 16T: Mini 8IGHT	Ritzel, 16Z: Mini 8IGHT	Pignon, 16 dents : Mini 8IGHT	Ruota conica, 16T: Mini 8IGHT
LOSB1886	Front, Rear Suspension Arm Set, Mini 8IGHT	Querlenkerset vorne/hinten Front, Mini 8IGHT	Bras de suspension avant/arrière, Mini 8IGHT	Set braccio sospensione anteriore, posteriore, Mini 8IGHT
LOSB1887	Spindle, Hub, Carrier Set, Mini 8IGHT	Achsschenkel, Radträgerset, Mini 8IGHT	Ensemble fusée/moyeu/porte-fusée, Mini 8IGHT	Albero, mozzo, porta-piastre, Mini 8IGHT
LOSB1888	Suspension Mount Set, Mini 8IGHT	Querlenkerhalterset, Mini 8IGHT	Ensemble support de suspensions, Mini 8IGHT	Set montaggio sospensione, Mini 8IGHT
LOSB1889	Front Mini Kingpin, Mounted, Mini 8IGHT	Mini Kingpin vorne, Mini 8IGHT	Pneu avant à picots Mini King-Pin, monté, Mini 8IGHT	Mini perno a snodo anteriore, montato, Mini 8IGHT
LOSB1890	Rear Mini Kingpin, Mounted, Mini 8IGHT	Mini Kingpin hinten, Mini 8IGHT	Pneu arrière à picots Mini King-Pin, monté, Mini 8IGHT	Mini perno a snodo posteriore, montato, Mini 8IGHT
LOSB1891	Ball Stud Set, Mini 8IGHT	Kugelpopfset, Mini 8IGHT	Jeu de rotules, Mini 8IGHT	Set perni sferici, Mini 8IGHT
LOSB1892	Hingepin Set, Mini 8IGHT	Querlenkerstift Set, Mini 8IGHT	Jeu d'axes, Mini 8IGHT	Set perni cerniere, Mini 8IGHT
LOSB1893	Turnbuckle Set, Mini 8IGHT	Gewindestangen Set, Mini 8IGHT	Jeu de tendeurs, Mini 8IGHT	Set tenditore, Mini 8IGHT
LOSB1894	Dog Bone Set, Mini 8IGHT	Antriebsknochen Set, Mini 8IGHT	Jeu de tiges à double rotule, Mini 8IGHT	Set cardano, Mini 8IGHT
LOSB1895	Axle Set, Mini 8IGHT	Achsen Set, Mini 8IGHT	Jeu de fusées, Mini 8IGHT	Asse Set, Mini 8IGHT
LOSB1896	Ball Cup, Mini 8IGHT	Kugelpfanne, Mini 8IGHT	Coupelle de rotule, Mini 8IGHT	Coppella della sfera, Mini 8IGHT
LOSB1897	Steering Hardware Set, Mini 8IGHT	Lenkung Hardware Set, Mini 8IGHT	Visserie pour direction, Mini 8IGHT	Set bulloni sterzo, Mini 8IGHT
LOSB1898	Suspension Bushing Set, Mini 8IGHT	Buchse für Querlenker, Mini 8IGHT	Jeu de bagues pour suspension, Mini 8IGHT	Set boccole sospensione, Mini 8IGHT
LOSB1900	Main Chassis, Mini 8IGHT	Chassis, Mini 8IGHT	Châssis principal, Mini 8IGHT	Telaio principale, Mini 8IGHT
LOSB1901	Chassis Guard Set, Mini 8IGHT	Chassis Schützer Set, Mini 8IGHT	Jeu de protège-châssis, Mini 8IGHT	Set protezione telaio, Mini 8IGHT
LOSB1902	Battery Hold Down Set, Mini 8IGHT	Akkuhalter Set, Mini 8IGHT	Ensemble de fixation des accus, Mini 8IGHT	Set per tenere la batteria, Mini 8IGHT
LOSB1903	Servo Saver and Bell Crank Set, Mini 8IGHT	Servo Saver und Lenkhebel Set, Mini 8IGHT	Berceau de servo et bras, Mini 8IGHT	Set salva servo e leva a gomito, Mini 8IGHT
LOSB1904	Upper Deck and Support Set, Mini 8IGHT	Obere Chassisverstrebung, Mini 8IGHT	Plancher supérieur et ensemble support, Mini 8IGHT	Set coperchio e supporto, Mini 8IGHT
LOSB1905	Motor Mount and Adaptor Set, Mini 8IGHT	Motorhalter und Adapter Set, Mini 8IGHT	Support moteur et ensemble adaptateur, Mini 8IGHT	Set montante e adattatore del motore, Mini 8IGHT
LOSB1906	Front Shock Tower, Mini 8IGHT	Dämpferbrücke vorne, Mini 8IGHT	Support d'amortisseur avant, Mini 8IGHT	Torre ammortizzatore anteriore, Mini 8IGHT

Parts Listings/Teileliste/Liste des pièces/Elenco componenti

Part #	English	Deutsch	Français	Italiano
LOSB1907	Body Mount and Bumper Set, Mini 8IGHT	Karosseriehalter Set, Mini 8IGHT	Jeu d'attaches et amortisseurs de carrosserie, Mini 8IGHT	Set montanti corpo e paraurti, Mini 8IGHT
LOSB1908	Wing Mount and Brace Set	Spoilerhalter hinten, Mini 8IGHT	Ensemble support et entretoise d'aile	Set montante e staffa alettone
LOSB1909	Rear Shock Tower, Mini 8IGHT	Dämpferbrücke hinten, Mini 8IGHT	Support d'amortisseur arrière, Mini 8IGHT	Torre ammortizzatore posteriore, Mini 8IGHT
LOSB1911	Front Shock Body Set, Mini 8IGHT	Stoßdämpfergehäuse vorne, Mini 8IGHT	Jeu de corps d'amortisseur avant, Mini 8IGHT	Set corpo ammortizzatore anteriore, Mini 8IGHT
LOSB1912	Rear Shock Body Set, Mini 8IGHT	Stoßdämpfergehäuse hinten, Mini 8IGHT	Jeu de corps d'amortisseur arrière, Mini 8IGHT	Set corpo ammortizzatore posteriore, Mini 8IGHT
LOSB1913	Shock Piston Set, Mini 8IGHT	Stoßdämpferkolben Set, Mini 8IGHT	Jeu de pistons d'amortisseur, Mini 8IGHT	Set pistone ammortizzatore, Mini 8IGHT
LOSB1914	Front Shock Shaft Set, Mini 8IGHT	Stoßdämpferkolbenstange Set, Mini 8IGHT	Jeu de tiges d'amortisseur avant, Mini 8IGHT	Set albero ammortizzatore anteriore, Mini 8IGHT
LOSB1915	Rear Shock Shaft Set, Mini 8IGHT	Stoßdämpferkolbenstange Set, Mini 8IGHT	Jeu de tiges d'amortisseur arrière, Mini 8IGHT	Set albero ammortizzatore posteriore, Mini 8IGHT
LOSB1916	Shock Retainer, Ball and Cap Set, Mini 8IGHT	Dämpferkappe mit Kugel Set, Mini 8IGHT	Jeu de chapes et rotules d'amortisseur, Mini 8IGHT	Ammortizzatore, set sfera e cappuccio, Mini 8IGHT
LOSB1917	Shock Rebuild Set, Mini 8IGHT	Reparaturset f. Stoßdämpfer, Mini 8IGHT	Nécessaire de réparation d'amortisseur, Mini 8IGHT	Set ricondizionamento ammortizzatore, Mini 8IGHT
LOSB1918	Front Shock Spring Set, Mini 8IGHT	Federsatz vorne, Mini 8IGHT	Jeu de ressorts d'amortisseur avant, Mini 8IGHT	Set molla ammortizzatore anteriore, Mini 8IGHT
LOSB1919	Rear Shock Spring Set, Mini 8IGHT	Federsatz hinten, Mini 8IGHT	Jeu de ressorts d'amortisseur arrière, Mini 8IGHT	Set molla ammortizzatore posteriore, Mini 8IGHT
LOSB1921	Front, Rear Gearbox Set, Mini 8IGHT	Getriebegehäuse vorne/hinten, Mini 8IGHT	Carter de différentiel avant/arrière, Mini 8IGHT	Set scatola cambio anteriore, posteriore, Mini 8IGHT
LOSB1922	Spur Gear Set	Zahnräder Set	Couronne	Set ruota dentata cilindrica
LOSB1923	F/R Diff Gear, Housing and Spacer Set, Mini 8IGHT	Differential vorne/hinten m. Gehäuse Set, Mini 8IGHT	Ensemble engrenages, carter et bagues pour différentiel AV/AR, Mini 8IGHT	Ingranaggi differenziale anteriore/posteriore, set alloggiamento e distanziatore, Mini 8IGHT
LOSB1924	Slipper Plate Set, Mini 8IGHT	Rutschkupplung Scheibe Set, Mini 8IGHT	Ensemble de plateaux pour limiteur de couple, Mini 8IGHT	Set piastra pattino, Mini 8IGHT
LOSB1925	Slipper Pad Set	Rutschkupplung Belag Set	Ensemble patinant	Set pastiglie del pattino
LOSB1927	Drive Shaft Set, Mini 8IGHT	Antriebsachse Set, Mini 8IGHT	Jeu d'arbres d'entraînement, Mini 8IGHT	Set albero di trasmissione, Mini 8IGHT
LOSB1928	Diff Outdrive Set, Mini 8IGHT	Diff. Antriebsklauen Set, Mini 8IGHT	Jeu d'arbres de sortie de différentiel, Mini 8IGHT	Set bicchierino differenziale, Mini 8IGHT
LOSB1929	Center Outdrive Set, Mini 8IGHT	Antriebsklauen Mitte, Mini 8IGHT	Jeu d'arbres de sortie centraux, Mini 8IGHT	Set bicchierino centrale, Mini 8IGHT
LOSB1930	O-ring Set, Mini 8IGHT	O-ring Set, Mini 8IGHT	Jeu de joints toriques, Mini 8IGHT	Set O-ring, Mini 8IGHT
LOSB1931	Wheel Hex Set	Radschrauben Set	Jeu d'écrous de de roue	Set dadi delle ruote
LOSB1932	Ball Bearing Set, Mini 8IGHT	Kugellager Set, Mini 8IGHT	Jeu de roulements, Mini 8IGHT	Set cuscinetti a sfere, Mini 8IGHT
LOSB1953	Front Wheel Set, Mini 8IGHT	Set Räder vorne, Mini 8IGHT	Roue avant complète, Mini 8IGHT	Set ruota anteriore, Mini 8IGHT
LOSB1954	Rear Wheel Set, Mini 8IGHT	Set Räder hinten, Mini 8IGHT	Roue arrière complète, Mini 8IGHT	Set ruota posteriore, Mini 8IGHT
LOSB9523	MSC-18BL HP ESC	MSC-18BL HP Regler	Contrôleur de vitesse MSC-18BL HP	Controllo elettronico di velocità MSC-18BL HP
LOSB1864	Pinion Gear, 16T: Mini 8IGHT	Ritzel, 16Z: Mini 8IGHT	Pignon, 16 dents : Mini 8IGHT	Ruota conica, 16T: Mini 8IGHT
LOSB9457	Mini Sensorless Brushless Motor, 4500Kv	Mini Sensorless Brushless Motor, 4500Kv	Mini moteur brushless sans capteur, 4500Kv	Mini motore brushless senza sensore, 4500 Kv
LOSB0805	LSR-3000 DSM Transmitter	LSR-3000 DSM Sender	LSR-3000 DSM Radio	LSR-3000 DSM Trasmittore

Optional Parts/Optionale Bauteile/Pièces optionnelles/Pezzi opzionali

Part #	English	Deutsch	Français	Italiano
LOSB1329	Mini 8IGHT Body Set, Clear	Mini 8IGHT Body Set, Klar	Carrosserie Mini 8IGHT, transparente	Set corpo Mini 8IGHT, trasparente
LOSB1933	Mini 8IGHT Wheel Hex Set	Mini 8IGHT Radschrauben Set	Jeu d'écrous de roue Mini 8IGHT	Set dadi delle ruote Mini 8IGHT
LOSB1885	Mini 8IGHT Front Suspension Mount Set	Mini 8IGHT Querlenkerhalterset vorne	Ensemble support de suspensions avant Mini 8IGHT	Set montante sospensione anteriore Mini 8IGHT
LOSB1899	Mini 8IGHT Rear Suspension Mount Set	Mini 8IGHT Querlenkerhalterset hinten	Ensemble support de suspensions arrière Mini 8IGHT	Set montante sospensione posteriore Mini 8IGHT
LOSB1879	Mini 8IGHT Spindle Set	Mini 8IGHT Achsschenkelset Set	Jeu de fusées Mini 8IGHT	Set albero Mini 8IGHT
LOSB1878	Mini 8IGHT Carrier Set	Mini 8IGHT Achsschenkelhalter Set	Jeu de porte-fusées Mini 8IGHT	Set porta-piastre Mini 8IGHT
LOSB1875	Mini 8IGHT Carbon Fiber Chassis Brace	Mini 8IGHT Chassiverstrebung Kohlefaser	Renfort de châssis fibre de carbone Mini 8IGHT	Traversa telaio in fibra di carbonio
LOSB1874	Mini 8IGHT Carbon Front Tower	Mini 8IGHT Kohlefaser Dämpferbrücke vorne	Support d'amortisseurs avant en carbone Mini 8IGHT	Torre anteriore in carbonio Mini 8IGHT
LOSB1876	Mini 8IGHT Carbon Rear Tower	Mini 8IGHT Kohlefaser Dämpferbrücke hinten	Support d'amortisseurs arrière en carbone Mini 8IGHT	Torre posteriore in carbonio Mini 8IGHT
LOSB1877	Mini 8IGHT Rear Hub Set	Mini 8IGHT Radträger hinten	Jeu de moyeux arrière Mini 8IGHT	Set mozzo posteriore Mini 8IGHT
LOSB1861	Pinion Gear, 10T: Mini 8IGHT	Ritzel, 10Z: Mini 8IGHT	Pignon, 10 dents : Mini 8IGHT	Ruota conica, 10T: Mini 8IGHT
LOSB1862	Pinion Gear, 12T: Mini 8IGHT	Ritzel, 12Z: Mini 8IGHT	Pignon, 12 dents : Mini 8IGHT	Ruota conica, 12T: Mini 8IGHT
LOSB1863	Pinion Gear, 14T: Mini 8IGHT	Ritzel, 14Z: Mini 8IGHT	Pignon, 14 dents : Mini 8IGHT	Ruota conica, 14T: Mini 8IGHT
LOSB9835	7.4V 2S 20C LiPo, Long: EC2	7.4V 2S 20C LiPo, Lang: EC2	Accus LiPo 7,4 V 2S 20C, long : EC2	7,4 V 2 S 20 C LiPo, lunghe: EC2
LOSB9836	11.1V 3S 20C LiPo, Long: EC2	11.1V 3S 20C LiPo, Lang: EC2	Accus LiPo 11,1 V 3S 20C, long : EC2	11,1 V 3 S 20 C LiPo, lunghe: EC2

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