

INSTRUCTION MANUAL BEDIENUNGSANLEITUNG MANUEL D'UTILISATION MANUALE DI ISTRUZIONI

Before operating this vehicle, please read all printed materials thoroughly. Horizon Hobby is not responsible for inadvertent errors in this manual.



NOTICE

All instructions, warranties and other collateral documents are subject to change at the sole discretion of Horizon Hobby, LLC. For up-to-date product literature, visit horizonhobby.com or towerhobbies.com and click on the support or resources 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: **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.

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

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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 use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. 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.

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

SAFETY PRECAUTIONS AND WARNINGS

As the user of this product, you are solely responsible for operating in a manner that does not endanger yourself and others or result in damage to the product or property of others.

This model is controlled by a radio signal subject to interference from many sources outside your control. This interference can cause momentary loss of control, so it is advisable to always keep a safe distance in all directions around your model as this margin will help avoid collisions or injury.

- Never operate your model with low transmitter batteries.
- Always operate your model in open spaces away from full-size vehicles, traffic and people.
- Never operate the model in the street or in populated areas for any reason.
- Carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.) you use.
- Keep all chemicals, small parts and anything electrical out of the reach of children.
- Never lick or place any portion of the model in your mouth as it could cause serious injury or even death.
- Exercise caution when using tools and sharp instruments.

- Take care during maintenance as some parts may have sharp edges.
- Immediately after using your model, do NOT touch equipment such as the motor, electronic speed control and battery, because they generate high temperatures. You may burn yourself seriously touching them.
- Do not put fingers or any objects inside rotating and moving parts, as this may cause damage or serious injury.
- Always turn on your transmitter before you turn on the receiver in the car. Always turn off the receiver before turning your transmitter off.
- Keep the wheels of the model off the ground when checking the operation of the radio equipment.

WARNING AGAINST COUNTERFEIT PRODUCTS: Always purchase from a Horizon Hobby, LLC authorized dealer to ensure authentic high-quality Spektrum product. Horizon Hobby, LLC disclaims all support and warranty with regards, but not limited to, compatibility and performance of counterfeit products or products claiming compatibility with Spektrum technology.



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WATER-RESISTANT VEHICLE WITH WATERPROOF ELECTRONICS

Your new Horizon Hobby vehicle has been designed and built with a combination of waterproof and water-resistant components to allow you to operate the product in many "wet conditions," including puddles, creeks, wet grass, snow and even rain.

While the entire vehicle is highly water-resistant, it is not completely waterproof and your vehicle should NOT be treated like a submarine. The various electronic components used in the vehicle, such as the Electronic Speed Control (ESC), servo(s) and receiver are waterproof, however, most of the mechanical components are water-resistant and should not be submerged.

Metal parts, including the bearings, hinge pins, screws and nuts, as well as the contacts in the electrical cables, will be susceptible to corrosion if additional maintenance is not performed after running in wet conditions. To maximize the long-term performance of your vehicle and to keep the warranty intact, the procedures described in the "Wet Conditions Maintenance" section below must be performed regularly if you choose to run in wet conditions. If you are not willing to perform the additional care and maintenance required, then you should not operate the vehicle in those conditions.

CAUTION: Failure to exercise caution while using this product and complying with the following precautions could result in product malfunction and/or void the warranty.

GENERAL PRECAUTIONS

- Read through the wet conditions maintenance procedures and make sure that you have all the tools you will need to properly maintain your vehicle.
- Not all batteries can be used in wet conditions. Consult the battery manufacturer before use. Caution should be taken when using Li-Po batteries in wet conditions.
- Most transmitters are not water-resistant. Consult your transmitter's manual or the manufacturer before operation.
- Never operate your transmitter or vehicle where lightning may be present.
- Do not operate your vehicle where it could come in contact with salt water (ocean water or water on salt-covered roads), contaminated or polluted water. Salt water is very conductive and highly corrosive, so use caution.
- Even minimal water contact can reduce the life of your motor if it
 has not been certified as water-resistant or waterproof. If the motor
 becomes excessively wet, apply very light throttle until the water is
 mostly removed from the motor. Running a wet motor at high speeds
 may rapidly damage the motor.
- Driving in wet conditions can reduce the life of the motor. The
 additional resistance of operating in water causes excess strain. Alter
 the gear ratio by using a smaller pinion or larger spur gear. This will
 increase torque (and motor life) when running in mud, deeper puddles,
 or any wet conditions that will increase the load on the motor for an
 extended period of time.

WET CONDITIONS MAINTENANCE

 Drain any water that has collected in the tires by spinning them at high speed. With the body removed, place the vehicle upside down and pull full throttle for a few short bursts until the water has been removed.

CAUTION: Always keep hands, fingers, tools and any loose or hanging objects away from rotating parts when performing the above drying technique.

- Remove the battery pack(s) and dry the contacts. If you have an air compressor or a can of compressed air, blow out any water that may be inside the recessed connector housing.
- Remove the tires/wheels from the vehicle and gently rinse the mud and dirt off with a garden hose. Avoid rinsing the bearings and transmission.

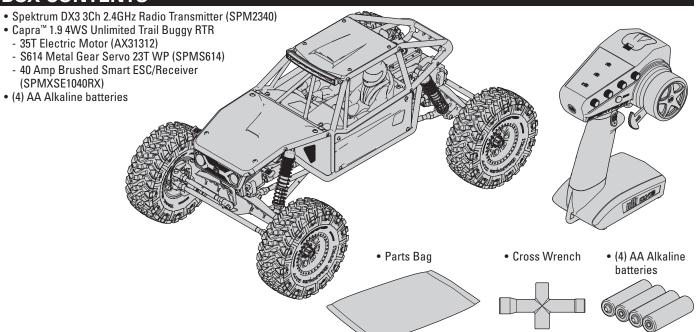
NOTICE: Never use a pressure washer to clean your vehicle.

- Use an air compressor or a can of compressed air to dry the vehicle and help remove any water that may have gotten into small crevices or corners.
- Spray the bearings, drive train, fasteners and other metal parts with a water-displacing light oil. Do not spray the motor.
- Let the vehicle air dry before you store it. Water (and oil) may continue

to drip for a few hours.

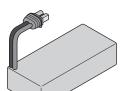
- Increase the frequency of disassembly, inspection and lubrication of the following:
- Front and rear axle hub assembly bearings.
- All transmission cases, gears and differentials.
- Motor—clean with an aerosol motor cleaner and re-oil the bushings with lightweight motor oil.

BOX CONTENTS



REQUIRED EQUIPMENT

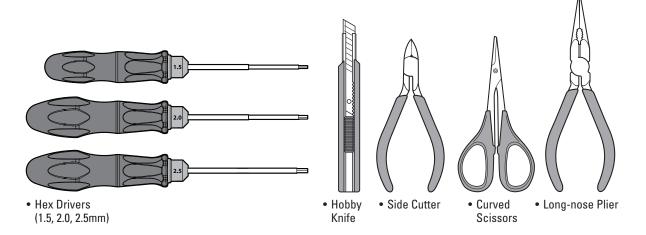
• 2-3S Shorty LiPo Battery (96mm maximum width, IC3™ Connector Required)



 Battery charger compatible with the chosen vehicle battery



RECOMMENDED TOOLS

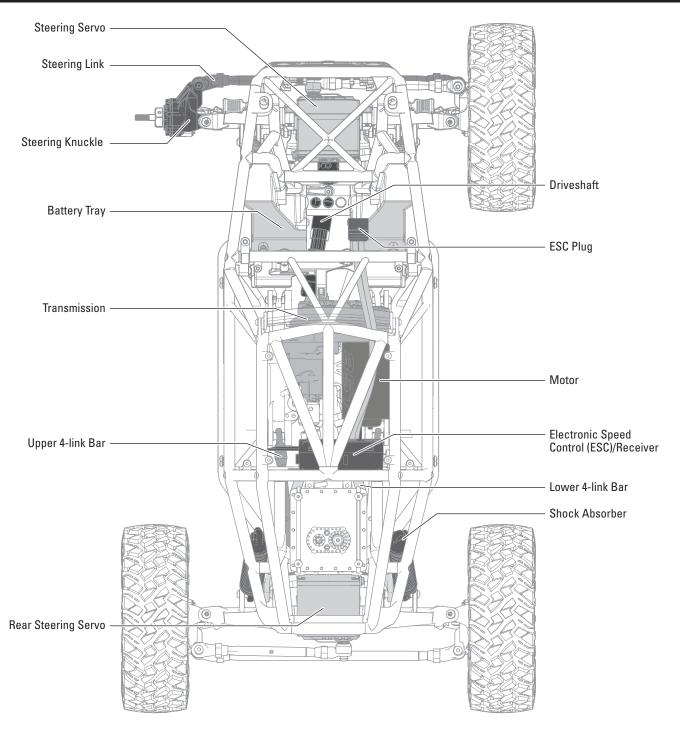


GETTING STARTED CHECKLIST

Read the manual
Familiarize yourself with the vehicle and its components
Check all screws, especially the driveshaft setscrews, for tightness from the factory
Charge the vehicle battery
Install 4 AA batteries in the transmitter

Power on the transmitter
Install the vehicle battery in the vehicle
Check for proper function of the throttle and steering
Range check the radio system
Drive the vehicle, challenge yourself and have FUN!
Perform any necessary vehicle maintenance

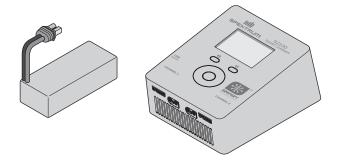
VEHICLE PARTS



CHARGE THE VEHICLE BATTERY

Follow the manufacturer's directions for your charger to properly charge the vehicle battery.

CAUTION: Only use chargers designed to charge the chosen battery type. Using an incompatible charger or incorrect charge settings could result in fire causing person injury or property damage.



INSTALL THE TRANSMITTER BATTERIES

This transmitter requires 4 AA batteries.

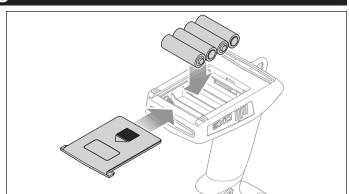
- 1. Remove the battery cover from the transmitter.
- 2. Install the batteries as shown.
- 3. Install the battery cover.

CAUTION: NEVER remove the transmitter batteries while the model is powered on. Loss of model control, damage, or injury may occur.

CAUTION: If using rechargeable batteries, charge only rechargeable batteries. Charging non-rechargeable batteries may cause the batteries to burst, resulting in injury to persons and/or damage to property.



CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to national regulations.



TRANSMITTER FUNCTIONS

- A/B. Channel 3 Button (4-Wheel Steering)
 - C. Throttle/Brake
 - D. Steering Wheel
 - E. Steering Rate

Adjusts the end point of the steering

F. Brake Rate

Adjusts the braking end point.

G. Steering Trim

Adjusts the steering center point. Normally, the steering trim is adjusted until the vehicle tracks straight.

H. Throttle Trim

Adjusts the throttle neutral point

I. SMART Battery Level Indicator

J. Servo Reversing

To reverse the Throttle (TH) or Steering (ST) channel, switch the position of the correlating switch—"N" is for normal, "R" is for reverse.

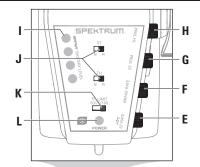
K. Throttle Limit

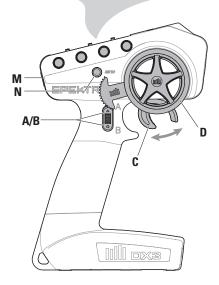
Limits throttle output to 50/75/100%

Select 50% or 75% for less experienced drivers or when you are driving the vehicle in a small area.

L. Power LED

- Solid red lights: Indicates radio connectivity and adequate battery power
- Flashing red lights: Indicates the battery voltage is critically low. Replace batteries
- M. Power Button
- N. Bind Button

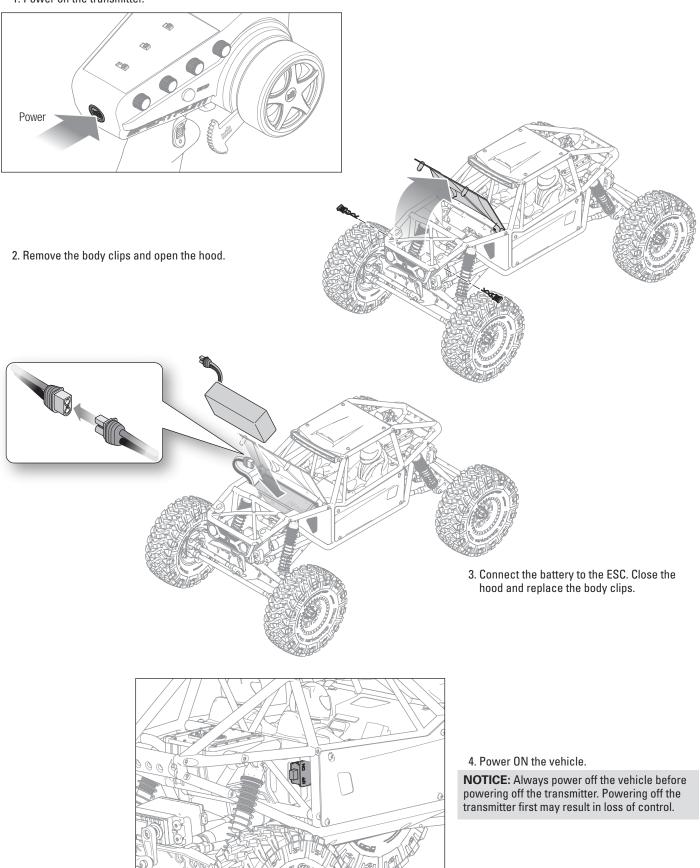




INSTALL THE VEHICLE BATTERY

NOTICE: Power to the vehicle is controlled by connecting and disconnecting the battery from the ESC. Always power on the transmitter first before connecting the vehicle battery. Always disconnect the battery from the ESC when not in use.

1. Power on the transmitter.

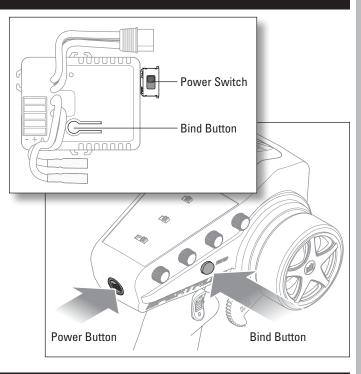


BINDING

Binding is the process of programming the receiver to recognize the GUID (Globally Unique Identifier) code of a single specific transmitter. The transmitter and receiver are bound at the factory. If you need to rebind, follow the instructions below.

- 1. Connect a fully charged battery pack to the ESC/receiver.
- 2. Press and hold the bind button on the receiver.
- Power ON the receiver. The red LED flashes, indicating the receiver is in bind mode. Release the bind button after the red LED begins to flash. The motor will make continuous descending tones until binding is complete.
- 4. With the throttle trigger at neutral, press and hold the transmitter bind button while powering on to put the transmitter in bind mode. The throttle should be at neutral to set failsafe.
- The bind process is complete when the green LED on the receiver remains lit.

You must rebind when different failsafe positions are needed e.g., when throttle or steering reversing has been changed.



RANGE-CHECKING THE RADIO SYSTEM

The radio system should be checked before operating the vehicle to ensure proper operation and adequate range.

- 1. Turn on the transmitter.
- 2. Connect the battery in the vehicle.
- 3. Have a friend hold the vehicle while keeping hands and loose clothing away from moving parts.
- 4. Walk away until you are at the maximum planned operating distance from the vehicle.
- 5. Turn the steering wheel side to side and operate the throttle, both forward and reverse, checking for any erratic behavior.
- 6. If any erratic behavior is exhibited, DO NOT operate the vehicle. Call customer service for assistance.

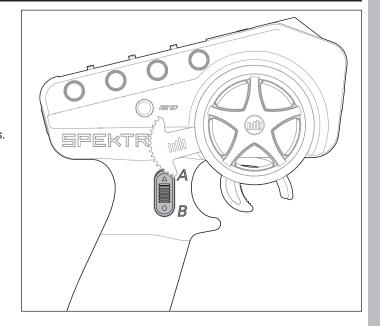


USING THE 4-WHEEL STEERING

The vehicle features 4-wheel steering. The rear wheels are controlled using the A/B transmitter switch. The steering moves to one of five possible positions; centered, 50% in either direction or 100% in either direction.

To activate the steering:

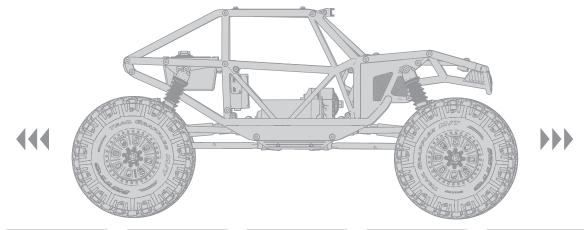
- 1. Press either the A or B button once to move the rear steering to 50% travel.
- 2. Press the same button twice to move to 100% travel in the same direction.
- 3. Press the opposite button three times to re-center the rear wheels.





VEHICLE MAINTENANCE

Just like a full size car or truck your RC vehicle must undergo periodic maintenance in order to ensure peak performance. Preventative maintenance will also help avoid needless breakages which could result in costly repairs. Below are some suggestions to properly maintain your vehicle.





Replace any noticeable bent or broken parts



Check for wear on the ball joints in the steering and suspension links (replace if necessary)



Check driveshaft set screws and apply thread locking compound if necessary



Inspect shock absorbers for smooth dampened operation



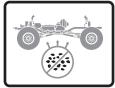
Check for any loose connections or frayed wiring



Check the wheel nuts for tightness



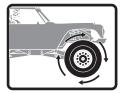
Ensure the wheel beads are still firmly bonded around the entire circumference of the rim



Keep the chassis free of dirt and debris



Check for loose screws on the chassis, especially the knuckle, C-hub and axle lockout screws



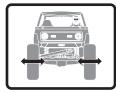
Check the driveline for smooth, bind free operation



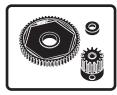
If applicable, check the slipper clutch for proper operation



Check the receiver antenna for damage



Check the steering operation for any binding



Inspect the spur and pinion gears for damage



Replace the transmitter batteries when indicated by the transmitter, as described in the Transmitter Functions section

SPEKTRUM RECEIVER/ESC COMBO

OPERATION

- 1. Power on the transmitter.
- 2. Power on the receiver.
- 3. The green LED on the receiver will be illuminated when it is connected to your transmitter.
- 4. Disconnect the battery from the ESC/Receiver after operation.

FAILSAFE

In the unlikely event that the radio link is lost during use, the 2-in-1 will drive the throttle channel to the neutral (throttle off) position. If the 2-in-1 is powered on prior to turning on the transmitter, it will enter failsafe mode, leaving throttle off. When the transmitter is turned on, normal control will resume.

LED INDICATORS

Upon powering ON the ESC, the red LED will blink and the motor will emit a series of beeps to indicate its status.

The number of tones indicates (1) the ESC is in operation (2) the battery mode detected and (3) the ESC is in a ready-to-use state.

FEATURE	RED LED STATUS	MOTOR SOUND
ESC Is In Operation	Rapid Blinking	4 Changing Tones
Ni-MH/Ni-CD Battery	1 Blink	1 Short Tone
2S Li-Po Battery	2 Blinks	2 Short Beeps
3S Li-Po Battery	3 Blinks	3 Short Beeps
ESC Ready,	2 Short Blinks,	2 Ascending Tones,
No Transmitter Signal	Red Blink Repeating	Descending Tones Repeating

OPERATION	LED STATUS
Forward	
Partial Throttle	Green Solid, Red Blinks
Full Throttle	Green and Red Solid
Reverse	
Partial Throttle	Green Solid, Red Blinks
Full Throttle Green and Red Solid	
Brake	
Partial	Green Solid, Red Blinks
Full	Green and Red Solid
Stop	Green Solid
Battery Low Voltage or No Signal	Red Blinks
Overheat	Green Blinks
Over Current Protection	Green and Red Triple Blinks

SPECIFICATIONS			
Type Waterproof DSMR ESC/Receiver 2-in-1 with SMART Telemetry			
Dimensions (L × W × H)	54mm × 33.5mm × 20.5mm		
Antenna Length	31mm		
Channels	4 (No Throttle Servo Output)		
Weight 68g			
Band 2404 MHz – 2476 MHz			
Servo Output Voltage	6V up to 3A, Shared with Auxillary Light Connectors		
Telemetry Features	Battery Voltage, Current, ESC Temp, Battery Data (with SMART Battery)		
Battery Input Connector	IC3® (EC3™ Compatible)		
Voltage Range	2-3S Li-Po*/5-9S NiMH		
Max Current	40A Continuous/ 180A Burst		
Motor Connectors 3.5mm Bullet			

^{*}Default setting for low voltage cutoff is Li-Po. Optional Dynamite Program Card (DYNS3005) required to change the Battery Type Setting.

ESC AND TRANSMITTER CALIBRATION

The included transmitter and ESC/receiver combo automatically calibrate when powered on. Follow the procedure below to ensure accurate calibration between the transmitter and ESC/receiver.

- Connect a fully charged battery to the ESC/receiver. Ensure the power switch is in the OFF position.
- Power the transmitter ON. Ensure the throttle is not reversed, the throttle trim is neutral and the throttle travel range is at 100%.
- 3. With the throttle at neutral, power ON the ESC/receiver.
- Leave the throttle trigger and trims at neutral for at least 3 seconds. The ESC/Receiver automatically calibrates the throttle range after 3 seconds.
- The LED will blink and the motor will beep to indicate the battery mode selection.
- One long LED blink and one long beep indicates the ESC is ready to run.



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION	
	Your transmitter and receiver are too close together	Move transmitter 8 to 12 feet away from receiver	
	You are near metal objects	Move to an area with less metal	
The system will not connect	The receiver is bound to a different model memory	Make sure the correct model memory is active in your transmitter	
	Your transmitter was placed into bind mode and is no longer bound to your receiver	Rebind your transmitter and receiver, and then re-calibrate	
The receiver goes into failsafe a short distance away from the transmitter	Check for damage on the receiver antenna	Make sure your receiver antenna is protected and located as high as practical	
		Replace the receiver or contact Horizon Product Support	
The receiver stops responding during operation	Low receiver battery voltage. If the battery voltage is low, it may drop below 3.5V momentarily, causing the receiver to brown-out, then reconnect	Charge the receiver or vehicle battery. Spektrum receivers require at least 3.5V to operate	
	Loose or damaged wires or connectors between battery and receiver	Check the wires and connection between the battery and receiver. Repair or replace wires and/or connectors	
	Batteries are not installed properly in the transmitter	Ensure the transmitter batteries are properly installed	
Vehicle does not move	Weak or no battery in the vehicle	Install a freshly charged vehicle battery	
Verificie does not move	Damaged motor	Replace the motor	
	Frayed or broken wiring	Replace any damaged wiring	
	ESC is shut down by heat protection circuit		
	Improper antenna placement	Ensure the transmitter antenna is not blocked and the receiver antenna is located properly	
Loss of vehicle control	Weak or no batteries in the transmitter or vehicle	Install a freshly charged vehicle battery and new transmitter batteries	
	Neutral or trim position is incorrect	Adjust the steering trim	
	Receiver and/or battery not connected properly	Check all receiver and battery connections	
Steering and/or throttle function is	Servo travel is reversed at the transmitter	Set the transmitter servo reversing switch to the correct position	
reversed	Motor wires are not connected properly	Check all motor wires for correct polarity and secure connection	
FCC ON the master formation and the torna	Battery/connection issue	Recharge/replace battery. Secure all connections	
ESC ON - No motor function, audible tone or LED	Damaged ESC/switch	Repair/replace ESC switch/ESC	
OT LED	Damaged motor	Repair/replace	
	Low voltage protection	When the ESC LED blinks, recharge/replace battery	
Motor- Stops and LED blinks	Overheat protection	When the LED blinks, let motor/ESC cool, change set up or gearing to avoid overheating	
	Battery issue	Repair damaged wiring/replace battery	
Motor- Accelerates irregularly	Incorrect gearing	Adjust/replace gearing	
	Worn or damaged motor	Repair/replace motor	
Motor- Does not turn continuously in response to throttle	ESC/motor damaged	Repair/replace wiring or motor/ESC	
Motor- Slows but will not stop	Incorrect transmitter/ESC calibration	Adjust throttle travel/other throttle settings on the transmitter/ESC. Repeat the ESC Calibration Procedure	
Steering servo- Operates; motor does not	Damaged motor	Test the motor apart from the vehicle system, repair/replace motor as needed	
run	Incorrect transmitter/ESC calibration	Adjust throttle travel/other throttle settings on the transmitter/ESC. Repeat the ESC Calibration Procedure	
	Low battery voltage	Recharge/replace	
Steering/motor- not functioning	Wrong model memory selected on transmitter	Select correct model settings on your transmitter, refer to transmitter and/or receiver manual	
	Receiver not bound to transmitter	Bind transmitter to receiver, refer to transmitter and/or receiver manual	
	Battery issue	Recharge/replace	
Vehicle- Does not operate at full speed	Incorrect transmitter/ESC calibration	Adjust throttle travel/other throttle settings on the transmitter/ESC. Repeat the ESC Calibration Procedure	

LIMITED WARRANTY

What this Warranty Covers

Horizon Hobby, LLC, (Horizon) warrants to the original purchaser that the product purchased (the "Product") will be free from defects in materials and workmanship for a period of 2 years from the date of purchase.

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, (v) Product not purchased from an authorized Horizon dealer, or (vi) Product not compliant with applicable technical regulations or (vii) use that violates any applicable laws, rules, or regulations.

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 visit our website at www.horizonhobby.com, submit a Product Support Inquiry, or call the toll free telephone number referenced in the Warranty and Service Contact Information section to speak with a Product Support representative.

Inspection or Services

If this Product needs to be inspected or serviced and is compliant in the country you live and use the Product in, 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/content/service-center_renderservice-center. 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 Li-Po batteries to Horizon. If you have any issue with a Li-Po 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 1/2 hour of labor. In addition you will be billed for return freight. Horizon accepts money orders and cashier's 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/content/service-center_render-service-center.

ATTENTION: Horizon service is limited to Product compliant in the country of use and ownership. If received, a non-compliant Product will not be serviced. Further, the sender will be responsible for arranging return shipment of the un-serviced Product, through a carrier of the sender's choice and at the sender's expense. Horizon will hold non-compliant Product for a period of 60 days from notification, after which it will be discarded.

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WARRANTY AND SERVICE CONTACT INFORMATION

COUNTRY OF PURCHASE	HORIZON HOBBY	CONTACT INFORMATION	ADDRESS
	Horizon Service Center (Repairs and Repair Requests)	servicecenter.horizonhobby.com/RequestForm/	
United States of America	Horizon Product Support		2904 Research Rd
United States of America	(Product Technical Assistance)	877-504-0233	Champaign, IL 61822
	Sales	websales@horizonhobby.com	
	Sales	800-338-4639	
European Union	Horizon Technischer Service		Hanskampring 9
European Omon	Sales: Horizon Hobby GmbH	+49 (0) 4121 2655 100	D 22885 Barsbüttel, Germany



FCC INFORMATION

Contains FCC ID: BRWKATY1T Contains FCC ID: BRWWACO1T

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and/or antenna and your body (excluding fingers, hands, wrists, ankles and feet). This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

SUPPLIER'S DECLARATION OF CONFORMITY

Axial Capra 1.9 4WS Trail Buggy RTR (AXI03022)

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment

generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Horizon Hobby, LLC 2904 Research Rd., Champaign, IL 61822

Email: compliance@horizonhobby.com

Web: HorizonHobby.com

IC INFORMATION

CAN ICES-3 (B)/NMB-3(B) Contains IC: 6157A-KATY1T Contains IC: 6157A-WACO1T

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

COMPLIANCE INFORMATION FOR THE **EUROPEAN UNION**

EU COMPLIANCE STATEMENT: Axial Capra 1.9 4WS Trail Buggy RTR (AXI03022) Hereby, Horizon Hobby, LLC declares that the device is in

compliance with the following: EU Radio Equipment Directive 2014/53/ EU; RoHS 2 Directive 2011/65/EU; RoHS 3 Directive - Amending 2011/65/ EU Annex II 2015/863.

The full text of the EU declaration of conformity is available at the following internet address: https://www.horizonhobby.com/content/ support-render-compliance.

NOTE: This product contains batteries that are covered under the 2006/66/EC European Directive, which cannot be disposed of with normal household waste. Please follow local regulations.

Wireless Frequency Range and Wireless Output Power

Transmitter

2402.0 - 2478.0 MHz 17.7 dBm

Receiver

2402-2478 MHz 3 dBm



EU Manufacturer of Record:

Horizon Hobby, LLC 2904 Research Road Champaign, IL 61822 USA

EU Importer of Record:

Horizon Hobby, GmbH Hanskampring 9 22885 Barsbüttel Germany

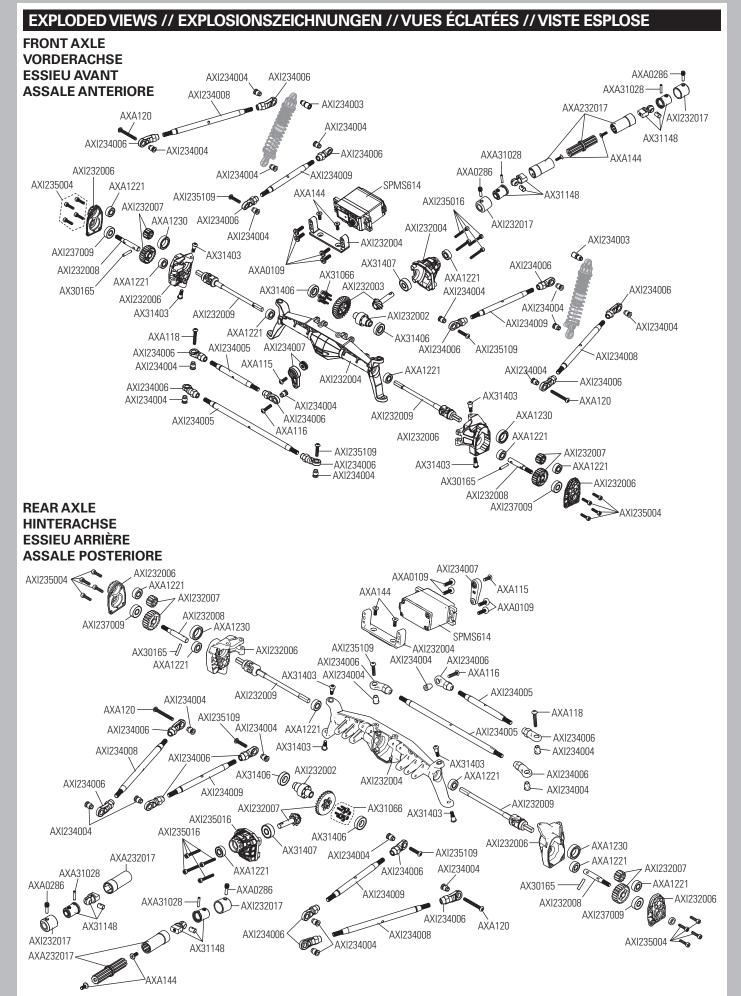
WEEE NOTICE:



This appliance is labeled in accordance with European Directive 2012/19/EU concerning waste of electrical and electronic equipment (WEEE). This label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.



CAPRA™ 1.9 4WS

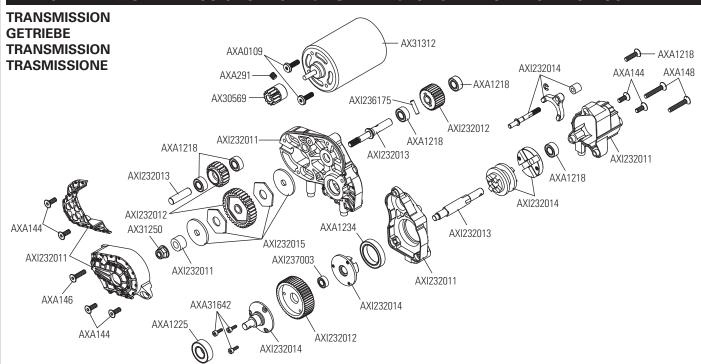


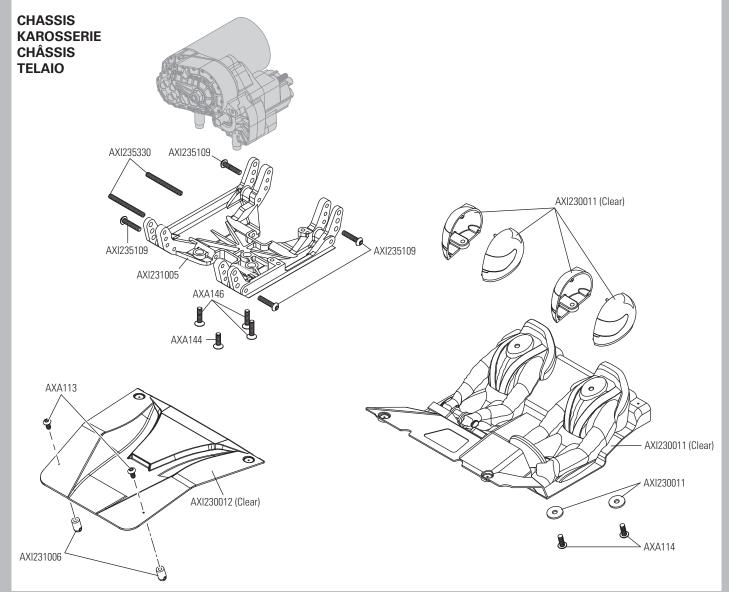






EXPLODED VIEWS // EXPLOSIONSZEICHNUNGEN // VUES ÉCLATÉES // VISTE ESPLOSE



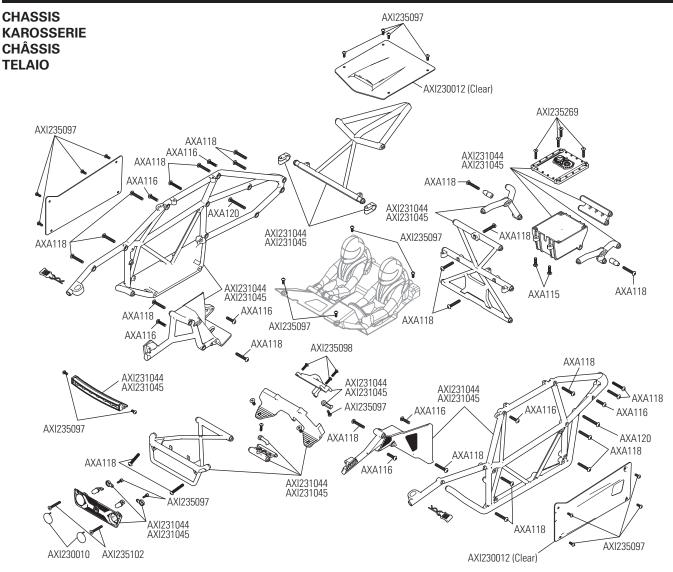




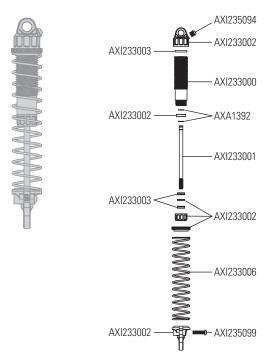


CAPRA™ 1.9 4WS

EXPLODED VIEWS // EXPLOSIONSZEICHNUNGEN // VUES ÉCLATÉES // VISTE ESPLOSE



SHOCK ABSORBERS STOSSDÄMPFER AMORTISSEURS AMMORTIZZATORI

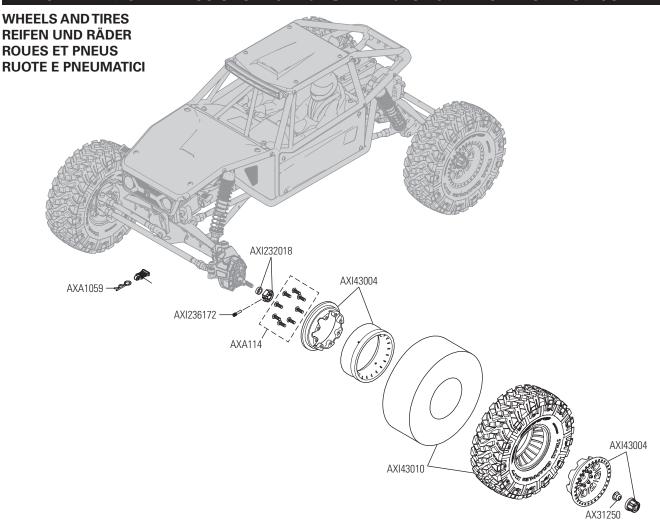






CAPRA™ 1.9 4WS

EXPLODED VIEWS // EXPLOSIONSZEICHNUNGEN // VUES ÉCLATÉES // VISTE ESPLOSE





PARTS LISTS // TEILELISTEN // LISTE DES PIÈCES // ELENCO COMPONENTI

			7/ ELEINCO COIVIPOINE	
Part # AXI230010	Description Head Light Lens: UTB	Beschreibung Scheinwerferlinse	Description Lentilles de phares	Descrizione Lenti per faro
AXI230010 AXI230011	Interior Set: UTB	Interieurset	Ensemble d'intérieur	Set interni
AXI230011	Body Panel Set (Clear): UTB	Karosserieteilesatz, farblos	Ensemble de panneaux de carrosserie, transparent	Set memi
AXI231005	Skid Plate: UTB	Motorschutz	Plaque de protection	Piastra di protezione
AXI231044	Cage Set Complete Red: Capra 4W	Überrollkäfigset, komplett, rot	Ensemble de cages complet, rouge	Set scocca completo, rosso
AXI231045	Cage Set Comp Black: Capra 4WS	Überrollkäfigset, komplett, schwarz	Ensemble de cages complet, noir	Set scocca completo, nero
AXI232002	6-Bolt Differental Locker	6-Schrauben-Differenzial-Sicherung	Blocage différentiel à 6 boulons	Blocco differenziale 6 bulloni
AXI232003	6 Bolt Heavy Duty Gear Set	6-Schrauben-Schwerlast-Zahnradsatz	Ensemble d'engrenages haute résistance à 6 boulons	Set ingranaggio impieghi gravosi 6 bulloni
AXI232004	F9 Portal Axl housing FR: UTB	Currie F9-Portalachsgehäuse, vorne	Carter d'essieu du portique Currie F9, avant	Currie F9 Portal, alloggiamento assale, anteriore
AXI232005	F9 Portal Axl housing RR: UTB	Currie F9-Portalachsgehäuse, hinten	Carter d'essieu du portique Currie F9, arrière	Currie F9 Portal, alloggiamento assale, posteriore
AXI232006	F9 Portal Str knucl & Cap: UTB	Currie F9 Portal-Achsschenkel und -abdeckung	Rotule de direction et coiffe du portique Currie F9, arrière	Currie F9 Portal, fuso a snodo e tappo
AXI232007	32P Portal Gr Set 23T/12T 2pc each	32P Portalachssatz 23T/12T (2)	Ensemble engrenage portique 32P 23T/12T (2)	Set ingranaggi 32P Portal 23T/12T (2)
AXI232008	Portal Stub Axle (2)	Portalachsschenkel (2)	Demi-essieu du portique (2)	Fusello Portal (2)
AXI232009	F9 Universal Axle Set (2pcs)UTB	Currie F9-Universalachsset (2)	Ensemble d'essieux universels Currie F9 (2)	Currie F9, set assale universale (2)
AXI232010	F9 Straight Axle Shaft 2pcs UTB	Currie F9, Gerade Achswelle (2)	Ensemble d'essieux droits Currie F9 (2)	Currie F9, set assale dritto (2)
AXI232011	Dig Transmission Case Set: UTB	Grabgetriebe-Abdeckungssatz	Ensemble boîtier de transmission dig	Set scatola cambio dig
AXI232012	Dig Trans Metal Gear Set: UTB	Grabgetriebe-Metallgetriebesatz	Ensemble d'engrenages métalliques de transmission dig	Set ingranaggi trasmissione dig in metallo
AXI232013	Dig Transmission Shaft Set: UTB	Grabgetriebewellensatz	Ensemble d'arbres de transmission dig	Set albero trasmissione dig
AXI232014	Dig Trans Components: UTB	Grabgetriebe, "Grab"-komponenten	Composants « dig » transmission dig	Componenti trasmissione dig
AXI232015	Dig Trans Slipper Pads/Plts:UTB	Grabgetriebe-Gleitschuhe/-platten	Sabots de pistons/plaques de sabot de transmission dig	Piastre/pattini di scorrimento trasmissione dig
AXI232016	Dig Trans Mnts&Srvo Svr Set: UTB	Grabgetriebe-Halterungen und Servo- Saversatz	Ensemble supports et économiseur de servo de transmission dig	Set salvaservo e supporti trasmissione dig
AXI232017 AXI232018	Wild Boar Driveshaft Set: UTB 12mm Hex Pin and Spacer (4): UTB	Wild Boar-Antriebswellensatz 12-mm-Sechskantstift und Abstandhalter (4)	Ensemble d'arbres de transmission Wild Boar Broche hexagonale 12mm et entretoise (4)	Set albero di trasmissione Wild Boar Distanziale e perno esagonale 12mm (4)
AXI233000	Thrd AL Shk Bdy 11x41.5mm HA 2p	Gewinde-Aluminium-Stoßdämpfergehäuse 11x41,5mm HA (2)	Carrosserie d'amortisseurs en aluminium fileté 11x41,5mm HA (2)	Scocca ammortizzatore filettata in alluminio 11x41,5mm HA (2)
AXI233001	Shock Shaft M3x53.4 (2pcs): UTB	Kolbenstange M3 x 53,4 mm (2)	Bras d'amortisseur M3x53,4mm (2)	Albero ammortizzatore M3x53,4mm (2)
AXI233002	Shock Prts Molded; UTB	Stoßdämpferteile, gegossen	Pièces de l'amortisseur moulées	Parti ammortizzatore stampate
AXI233003	Shock O-Ring Set: UTB	O-Ring-Satz für den Stoßdämpfer	Ensemble de joints toriques d'amortisseur	Set O-Ring ammortizzatore
AXI233004	Spring 13x70mm .75lbs/in Pruple (2)	Feder 13x70mm 0,72 lbs/in (326 g/Zoll), violett (2)	Ressort 13x70mm 0,72lbs/po, violet (2)	Molla 13x70mm 0,72lbs/in (326 g/pollice), viola (2)
AXI233006	Spring 13x70mm 1.16lbs/in Red (2)	Feder 13x70mm 1,72 lbs/in (780 g/ZoII), rot (2)	Ressort 13x70mm 1,72lbs/po, rouge (2)	Molla 13x70mm 1,72lbs/in (780 g/pollice), rosso (2)
AXI233008	Spring 13x70mm 1.62lbs/in Grn(2)	Feder 13x70mm 2,4 lbs/in (1,08 kg/ZoII), grün (2)	Ressort 13x70mm 2,4lbs/po, vert (2)	Molla 13x70mm 2,4lbs/in (1,08 kg/pollice), verde (2)
AXI234003	Pvt Ball,Stainless12.75mm(4):UTB	Kugelzapfen, Edelstahl 12,75 mm (4)	Rotule, acier inoxydable 12,75mm (4)	Pivot ball, inossidabile, 12,75mm (4)
AXI234004	Susp Pvt Ball, Stainless 7.5mm	Kugelzapfen für Federung, Edelstahl 7,5 mm	Rotule de suspension, acier inoxydable 7,5mm	Pivot ball sospensioni, indossabile, 7,5mm
AXI234005	Steering Lnks Stainless Stl: UTB	Spurstangen, Edelstahl	Tringleries de direction, acier inoxydable	Tiranti sterzo, inossidabili
AXI234006	HD Rod Ends M4 20pcs: UTB	Schwerlast-Stangenköpfe M4 (20)	Embouts de bielle haute résistance M4 (20)	Teste a snodo per impiego gravoso M4 (20)
AXI234007	SS M6x 111mm Link (2pcs): UTB	Edelstahlglied M6 x 111 mm (2)	Liaison en acier inoxydable M6x111mm (2)	Braccetti in acciaio inossidabile M6x111mm (2)
AXI234008	SS M6x 111mm Link (2pcs): UTB	Edelstahlglied M6x111mm (2)	Liaison en acier inoxydable M6x111mm (2)	Braccetti in acciaio inossidabile M6x111mm (2)
AXI234009	Stainless Steel M6 x 89mm Link	Edelstahlglied M6x89mm (2)	Liaison en acier inoxydable M6x89mm (2)	Braccetti in acciaio inossidabile M6x89mm (2)
AXI235014	M2.5 x 10mm, Cap Head Screw (10)	Inbusschraube, M2,5x10mm (10)	Vis d'assemblage creuse, M2,5x10mm (10)	Vite a testa cilindrica M2,5x10mm (10)
AXI235016	M2.5 x 16mm, Cap Head Screw (10)	Inbusschraube, M2,5x16mm (10)	Vis d'assemblage creuse, M2,5x16mm (10)	Vite a testa cilindrica M2,5x16mm (10)
AXI235094	M2.5 x 3mm, Button Head (10)	Rundkopfschraube, M2,5x3mm (10)	Vis à tête bombée, M2,5x3mm (10)	Vite a testa tonda M2,5x3mm (10)
AXI235097	M2.5 x 6mm, BHS (10)	Rundkopfschraube, M2,5x6mm (10)	Vis à tête bombée, M2,5x6mm (10)	Vite a testa tonda M2,5x6mm (10)
AXI235098	M2.5 x 8mm Button Head Screw (10)		Vis à tête bombée, M2,5x8mm (10)	Vite a testa tonda M2,5x8mm (10)
AXI235099	M2.5 x 10mm, Button Head (10)	Rundkopfschraube, M2,5x10mm (10)	Vis à tête bombée, M2,5x10mm (10)	Vite a testa tonda M2,5x10mm (10)
AXI235102	M2.5 x 18mm, BHS (10)	Rundkopfschraube, M2,5x18mm (10)	Vis à tête bombée, M2,5x18mm (10)	Vite a testa tonda M2,5x18mm (10)
AXI235109 AXI235169	M3 x 14mm, Button Head Screw(10) M2.5 x 12mm, Flat Head Screw (10)	Rundkopfschraube, M3x14mm (10) Flachkopfschraube, M2,5x12mm (10)	Vis à tête bombée, M3x14mm (10) Vis à tête plate, M2,5x12mm (10)	Vite a testa tonda M3x14mm (10) Vite a testa piana M2,5x12mm (10)
AXI235109 AXI235330	M3x30mm,Cup Point Set Screw (10)	Stellschraube mit Ringschneide M3x30mm (10)	Vis de fixation à bout cuvette M3x30mm (10)	Vite di fermo senza testa
AXI236171	M2.5 x 10mm Pin (6)	Stift M2,5x10mm (6)	Axe M2.5x10 mm (6)	M3x30mm (10) Perno M2,5x10mm (6)
AXI236171 AXI236172	Screw Shaft M3x2.0x12mm	Schraubenschaft M3x2x12mm	Tige de vis M3x2x12 mm	Albero filettato M3x2x12mm
				Cerchio Beadlock Raceline Monster
AXI43004	3pc Raceline Mnstr bdlk whl (2)	3x Raceline Monster Beadlock-Rad (2)	3 pièces de verrou de talon Raceline Monster (2)	in 3 pezzi (2)



Part#	Description	Beschreibung	Description	Descrizione
AXI43010	1.9Nitto Trl Grplr M/T 4.7 (2)	1,9 Zoll Nitto Trail Grappler Monster-Truck (2)	Pneu 1.9" Nitto Trail Grappler Monster Truck (2)	Pneumatico compound 1.9" Nitto Trail Grappler Monster Truck (2)
AXIC0012	AXA120 Hex Socket Btn Hd M3x25	Sechskant-Rundkopfschraube M3x25mm	Douille à six pans à tête bombée M3x25mm	Vite a testa tonda con esagono incassato M3x25mm
AXIC0013	AXA013 Cap Hd M2x6mm Blk Oxide	Inbusschraube, M2x6mm, Schwarzoxid	Vis d'assemblage creuse M2x6mm brunie	Vite a testa cilindrica M2x6mm ossido nero
AXIC0115	AXA115 Hex Skt Butn Head M3x10	Sechskant-Rundkopfschraube, M3x10mm	Douille à six pans à tête bombée M3x10mm	Vite a testa tonda con esagono incassato M3x10mm
AXIC0118	AXA144 Hex Flt Hd M3x8mm Blk10	Sechskant-Flachkopfschraube, M3x8mm, schwarz (10)	Douille à six pans à tête plate M3x8mm noire (10)	Vite a testa piana esagonale M3x8mm nero (10)
AXIC0146	AXA146 Hex Skt Flat Hd M3x12mm	Sechskant-Flachkopfschraube, M3x12mm	Douille à six pans à tête plate M3x12mm	Vite a testa piana con esagono incassato M3x12mm
AXIC0218	AXA1218 Bearing 5x10x4mm	Lager 5x10x4mm	Roulement 5x10x4mm	Cuscinetto 5x10x4mm
AXIC0221	AXA1221 Bearing 5x11x4mm	Lager 5x11x4mm	Roulement 5x11x4mm	Cuscinetto 5x11x4mm
AXIC0286	AXA0286 Screw Shaft M4x2.5x12	Schraubenschaft M4x2,5x12 mm	Tige de vis M4x2,5x12mm	Albero filettato M4x2.5x12mm
AXIC0291	AXA291 Set Scr M4x4mm Blk Ox(6	Stellschraube, M4x4mm, Schwarzoxid (6)	Vis de fixation M4x4mm brunie (6)	Vite di fermo M4x4 mm ossido nero (6)
AXIC0795	AX31586 Wb8-hd Std Driveshafts	WB8-HD Standard-Antriebswelle	Arbre de transmission standard WB8-HD	Albero di trasmissione standard WB8-HD
AXIC1009	AXA0109 Hex Skt Oversize M3x10mm	Sechskant-Übergröße M3x10mm	Douille à 6 pans surdimensionnée M3x10mm	Viti oversize con esagono incassato M3x10mm
AXIC1148	AX31148 Wb8-hd Drvshft Coupler	WB8-HD-Antriebswellenkupplung	Ensemble de couplage d'arbre de transmission WB8-HD	Accoppiamento albero trasmissione WB8-HD
AXIC1180	AXA118 Hex Socket BtnHd M3x18mm(10)	Sechskant-Rundkopfschraube M3x18mm (10)	Douille à six pans à tête bombée M3x18mm (10)	Viti a testa tonda con esagono incassato M3x18mm (10)
AXIC1243	AXA1243 Bearing 15x21x4mm (2)	Lager 15x21x4mm (2)	Roulement à billes 15x21x4mm (2)	Cuscinetto 15x21x4mm (2)
AXIC3066	AX31066 Cap Hd M2x8mm Blk (10)	Inbusschraube M2x8mm, schwarz (10)	Vis d'assemblage creuse M2x8mm noire (10)	Vite a testa cilindrica M2x8mm nero (10)
AXIC3150	AX31250 Ser Nyl Nut Blk 4mm(10)	Nylon-Feststellflanschmutter, 4mm (10)	Contre-écrou en nylon strié 4mm (10)	Dato flangiato Nylock nero 4mm (10)
AXIC3165	AX30165 Pin 2.5x12mm (6)	Stift 2,5x12mm (6)	Axe M2,5x12mm (6)	Perno 2,5x12mm (6)
AXIC4406	AX31406 Bearing 7x14x3.5mm (2)	Lager 7x14x3,5mm (2)	Roulement 7x14x3,5mm (2)	Cuscinetto 7x14x3,5mm (2)
AXIC4407	AX31407 Bearing 5x14x5mm (2)	Lager 5x14x5mm (2)	Roulement 5x14x5 mm (2)	Cuscinetto 5x14x5mm (2)
SPM2340	DX3 SMART DSMR 3CH TX w/SR315	DX3 SMART 3CH Sender	DX3 Smart 3CH Émetteur	DX3 Smart 3CH Trasmettitore
SPMS614	S614 Metal Gear Servo 23T WP	S614 Metallgetriebeservo 23T WP	Servo à engrenages métalliques S614, 23 dents, étanche	Servo con ingranaggi in metallo S614 23T WP
SPMXSE1040RX	40 Amp Brushed Smart ESC/RX	40 Amp Empfänger/Geschwindigkeitsregler- Kombination	Combinaison récepteur/ESC 40 Amp	Combo Ricevitore/ESC 40 Amp

RECOMMENDED // EMPFOHLEN // RECOMMANDÉ // CONSIGLIATO

Part #	Description	Beschreibung	Description	Descrizione
DYNB37353	11.1V 3700mAh 3S 50C LiPo 96mmEC			
DYNB402596H3	7.4V4000mAh2S50CLiPo,Hrdcs:96mm	7.4V4000mAh2S50CLiPo,Hrdcs:96mm	7.4V4000mAh2S50CLiPo,Hrdcs:96mm	7.4V4000mAh2S50CLiPo,Hrdcs:96mm
DYNS0900	Brushed Crawler Combo 35T	Brushed Crawler Combo 35T	35T Combo Crawler brossé	Spazzolato Crawler Combo 35T

OPTIONAL PARTS / OPTIONALE TEILE / PIÈCES EN OPTION / PARTI OPZIONALI

AXI332001 6-Bolt 27/8 Overdrive Gear Set	Part#	Description	Beschreibung	Description	Descrizione
DTXC4027 Deep Woods CR C3 Mntd 1.9" Crawler Deep Woods CR C3 Mntd 1.9" Crawler DTXC4030 Approach CR C3 Mounted 1.9" Crawler Approach CR C3 Montiert 1,9 Zoll Crawler Approach CR C3 Mntd 1.9" Crawler DTXC4031 Approach CR C3 Mntd 1.9" Crawler Bl Approach CR C3 Mont. 1,9 Zoll Crawler DTXC4034 Showdown CR C3 Mounted 1.9" Crawler Showdown CR C3 Montiert 1,9 Zoll Crawler Crawler Bl 4,5 cm (1,9 po) monté C3 Approach CR Ruote Approach CR C3 Mnt 1.9 nro Ruote Showdown CR C3 Mnt 1.9 nro Crawler Bl 4,5 cm (1,9 po) monté C3 Approach CR Ruote Approach CR C3 Mnt 1.9 nro Ruote Showdown CR C3 Mnt 1.9 nro Crawler Bl 4,5 cm (1,9 po) monté C3 Showdown CR C3 Mnt 1.9 po) monté C3 Showdown CR C3 Mnt 1.9 Zoll Crawler Crawler Bl 4,5 cm (1,9 po) monté C3 Ruote Showdown CR C3 Mnt 1.9 Ruote Showdown CR C3 Mnt 1.9 nro PRO1011200 Flat Iron 1.9XL G8 Rock w/Foam Flat Iron 1,9XL G8 felsig mit Schaum- stoff Rock G8 1,9XL Flat Iron avec mousse Flat Iron 1.9XL G8 Rock memo foam PRO1012801 Hyrax 1.9 G8 Rock Terrain Truck Hyrax 1,9 G8 Truck felsiges Gelände PRO1013310 Inter Bogger 1.9 Impulse Blk Whl Inter Bogger 1.9 Impulse Blk Whl Inter Bogger 1.9 Impulse Schwarze Räder Roue noire Impulse 1,9 Inter Bogger Interco Bogger 1.9 Impulse Nero PRO1013310 Interco Bogger 1.9 G8 Rock Terr Interco Bogger 1.9 G8 Roccia PRO1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1.9Prdtr Reifen FR Pro1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1.9Prdtr Reifen FR PRO1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1.9Prdtr Reifen FR BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1.9 Prdtr Av/Pst	AXI332001	6-Bolt 27/8 Overdrive Gear Set			Set marcia overdrive 27/8 6 bulloni
DTXC4030 Approach CR C3 Mounted 1.9" Crawler DTXC4031 Approach CR C3 Mounted 1.9" Crawler DTXC4031 Approach CR C3 Mounted 1.9" Crawler DTXC4034 Showdown CR C3 Mounted 1.9" Crawler DTXC4035 Showdown CR C3 Mounted 1.9" Crawler BI PR010112804 Hyrax 1.9" Predator Tires (2) PR01013310 Inter Bogger 1.9 Impulse Blk Whl PR01013303 BFGKrwlrTA KX 1.9Prdtr Tires FR PR01013603 BFGKrwlrTA KX 1.9Prdtr Tires FR Approach CR C3 Montiert 1,9 Zoll Crawler Approach CR C3 Montiert 1,9 Zoll Crawler 4,5 cm (1,9 po) monté C3 Approach CR Crawler 4,5 cm (1,9 po) monté C3 Approach CR Crawler Bl 4,5 cm (1,9 po) monté C3 Showdown CR C3 Mont 1.9 Crawler Bl 4,5 cm (1,9 po) monté C3 Showdown CR Crawler Bl 4,5 cm (1,9 po) monté C3 Showdown CR Crawler Bl 4,5 cm (1,9 po) monté C3 Showdown CR Ruote Approach CR C3 Mnt 1.9 nro Crawler Bl 4,5 cm (1,9 po) monté C3 Showdown CR Ruote Showdown CR C3 Mnt 1.9 nro Rock G8 1,9XL Flat Iron avec mousse Flat Iron 1,9XL G8 Rock memo foam PR01013310 Inter Bogger 1.9 Impulse Blk Whl Interco Bogger 1.9 Impulse Schwarze Ridder Interco Bogger 1.9 Impulse Nero PR01013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1,9Prdtr Reifen FR Crawler Approach CR Crawler Bl 4,5 cm (1,9 po) monté C3 Crawler Bl 4,5 cm (1,9 po) monté C3 Ruote Approach CR C3 Mnt 1.9 Rock G8 1,9XL Flat Iron avec mousse Flat Iron 1,9XL G8 Rock memo foam PR01012803 Hyrax 1.9" Predator Tires (2) Prous Predator 4,5 cm (1,9 po) Hyrax (2) Prous Predator 4,5 cm (1,9 po) Hyra	DTXC4016	Scaler CR 1.9" Crawler Tire C3 (2)	Scaler CR 1,9 Zoll Crawler Reifen C3 (2)		Ruote Crawler Scaler CR 1.9 C3 (2)
DTXC4031 Approach CR C3 Mntd 1.9" Crawler BI Approach CR C3 Mont. 1,9 Zoll Crawler DTXC4034 Showdown CR C3 Mounted 1.9" Crawler BI Crawler DTXC4035 Showdown CR C3 Mounted 1.9" Crawler BI Crawler DTXC4035 Showdown CR C3 Mntd 1.9" Crawler BI Crawler PR01011200 Flat Iron 1.9XL G8 Rock w/Foam PR01012803 Hyrax 1.9" Predator Tires (2) PR01013310 Inter Bogger 1.9 Impulse BIk Whl Interco Bogger 1.9 G8 Rock Ter PR01013314 Interco Bogger 1.9 G8 Rock Ter Interco Bogger 1.9 G8 Rock in T.9 Yorldr Reifen FR DTXC4031 Approach CR Showdown CR C3 Mont. 1,9 Zoll Crawler Crawler Approach CR Crawler BI 4,5 cm (1,9 po) monté C3 Showdown CR Crawler BI 4,5 cm (1,9 po) monté C3 Showdown CR Crawler BI 4,5 cm (1,9 po) monté C3 Showdown CR Ruote Showdown CR C3 Mnt 1.9 nro PR0 Ruote Showdown CR C3 Mnt 1.9 nro PR0 Ruote Showdown CR C3 Mnt 1.9 nro PR0 Ruote Showdown CR C3 Mnt 1.9 nro Ruote	DTXC4027	Deep Woods CR C3 Mntd 1.9" Crawler			Crawler Deep Woods CR C3 Mt 1.9
Approach CR C3 Mint 1.9 Crawler BI Approach CR C3 Montiert 1,9 Zoll Crawler Approach CR C3 Montiert 1,9 Zoll Crawler 4,5 cm (1,9 po) monté C3 Showdown CR C3 Mint 1.9	DTXC4030	Approach CR C3 Mounted 1.9" Crawler			Ruote Approach CR C3 Mnt 1.9
DTXC4034 Showdown CR C3 Montd 1.9" Crawler BI Showdown CR C3 Montd 1.9" Crawler BI Showdown CR C3 Montd 1.9 Zoll Crawler BI Showdown CR C3 Montd 1.9" Crawler BI Showdown CR C3 Montd 1.9 Zoll Crawler BI 4,5 cm (1,9 po) monté C3 Showdown CR C3 Montd 1.9 nro Showdown CR C3 Montd	DTXC4031	Approach CR C3 Mntd 1.9" Crawler BI	Approach CR C3 Mont. 1,9 Zoll Crawler		Ruote Approach CR C3 Mnt 1.9 nro
PRO1011200 Flat Iron 1.9XL G8 Rock w/Foam Flat Iron 1,9XL G8 felsig mit Schaum- stoff Rock G8 1,9XL Flat Iron avec mousse Flat Iron 1.9XL G8 Rock memo foam PRO1012803 Hyrax 1.9" Predator Tires (2) Hyrax 1,9 Zoll Predator Reifen (2) Pneus Predator 4,5 cm (1,9 po) Hyrax (2) Ruote Hyrax 1.9 Predator (2) PRO1012814 Hyrax 1.9 G8 Rock Terrain Truck Hyrax 1,9 G8 Truck felsiges Gelände Véhicule terrain rocailleux G8 1,9 Hyrax 1.9 G8 Truck Roccia PRO1013310 Inter Bogger 1.9 Impulse Blk Whl Interco Bogger 1,9 Impulse schwarze Räder Roue noire Impulse 1,9 Inter Bogger Interco Bogger 1.9 Interco Bogger 1.9 G8 Rock Terrain Tocailleux G8 1,9 Interco Bogger Interco Bogger 1.9 G8 Roccia PRO1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1,9Prdtr Reifen FR Pneus Predator 1,9 KX BFG Krawler TA avant BFG Krawler TA KX 1.9 Prdtr Av/Pst	DTXC4034	Showdown CR C3 Mounted 1.9" Crawler	,		Ruote Showdown CR C3 Mnt 1.9
PRO1012803 Hyrax 1.9" Predator Tires (2) Hyrax 1,9 Zoll Predator Reifen (2) Pneus Predator 4,5 cm (1,9 po) Hyrax (2) Ruote Hyrax 1.9 Predator (2) PRO1012814 Hyrax 1.9 G8 Rock Terrain Truck Hyrax 1,9 G8 Truck felsiges Gelände Véhicule terrain rocailleux G8 1,9 Hyrax 1.9 G8 Truck Roccia PRO1013310 Inter Bogger 1.9 Impulse Blk Whl PRO1013314 Interco Bogger 1.9 G8 Rock Terr Interco Bogger 1,9 G8 felsiges Gelände Terrain rocailleux G8 1,9 Interco Bogger 1.9 Impulse Nero PRO1013303 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1,9Prdtr Reifen FR Pneus Predator 1,9 KX BFG Krawler TA avant PRO1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1.9 Prdtr Av/Pst	DTXC4035	Showdown CR C3 Mntd 1.9" Crawler Bl			Ruote Showdown CR C3 Mnt 1.9 nro
PRO1012814 Hyrax 1.9 G8 Rock Terrain Truck Hyrax 1,9 G8 Truck felsiges Gelände Véhicule terrain rocailleux G8 1,9 Hyrax 1.9 G8 Truck Roccia PRO1013310 Inter Bogger 1.9 Impulse Blk Whl Inter Bogger 1,9 Impulse schwarze Räder Roue noire Impulse 1,9 Inter Bogger Interco Bogger 1.9 Impulse Nero PRO1013314 Interco Bogger 1.9 G8 Rock Ter Interco Bogger 1,9 G8 felsiges Gelände Terrain rocailleux G8 1,9 Interco Bogger Interco Bogger 1.9 G8 Roccia PRO1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1,9Prdtr Reifen FR Pneus Predator 1,9 KX BFG Krawler TA avant BFG Krawler TA KX 1.9 Prdtr Av/Pst	PR01011200	Flat Iron 1.9XL G8 Rock w/Foam		Rock G8 1,9XL Flat Iron avec mousse	Flat Iron 1.9XL G8 Rock memo foam
PRO1013310 Inter Bogger 1.9 Impulse Blk Whl Inter Bogger 1,9 Impulse schwarze Räder PRO1013314 Interco Bogger 1.9 G8 Rock Ter Interco Bogger 1,9 G8 felsiges Gelände Terrain rocailleux G8 1,9 Interco Bogger Interco Bogger 1.9 G8 Roccia PRO1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1,9Prdtr Reifen FR Pneus Predator 1,9 KX BFG Krawler TA avant BFG Krawler TA KX 1.9 Prdtr Av/Pst	PR01012803	Hyrax 1.9" Predator Tires (2)	Hyrax 1,9 Zoll Predator Reifen (2)	Pneus Predator 4,5 cm (1,9 po) Hyrax (2)	Ruote Hyrax 1.9 Predator (2)
PRO1013314 Interco Bogger 1.9 Impulse Bix While Räder Röder Interco Bogger 1.9 Impulse Nero Räder Richard Roue noire Impulse 1,9 Interco Bogger 1.9 Interco Bogger 1.9 Interco Bogger 1.9 G8 Roccia PRO1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1,9Prdtr Reifen FR Pneus Predator 1,9 KX BFG Krawler TA avant BFG Krawler TA KX 1.9 Prdtr Av/Pst	PR01012814	Hyrax 1.9 G8 Rock Terrain Truck	Hyrax 1,9 G8 Truck felsiges Gelände	Véhicule terrain rocailleux G8 1,9 Hyrax	Hyrax 1.9 G8 Truck Roccia
PRO1013603 BFGKrwlrTA KX 1.9Prdtr Tires FR BFGKrwlrTA KX 1,9Prdtr Reifen FR avant BFG Krawler TA KX 1.9 Prdtr Av/Pst	PR01013310	Inter Bogger 1.9 Impulse Blk Whl		Roue noire Impulse 1,9 Inter Bogger	Interco Bogger 1.9 Impulse Nero
PROTOTSOUS BEGKRIVETA KX 1.9Protr Tires FR BEGKRIVETA KX 1,9Protr Hellen FR avant	PR01013314	Interco Bogger 1.9 G8 Rock Ter	Interco Bogger 1,9 G8 felsiges Gelände	Terrain rocailleux G8 1,9 Interco Bogger	Interco Bogger 1.9 G8 Roccia
PRO1013614 BFGoodrich Krawler T/A KX 1.9 G8 BFGoodrich Krawler T/A KX 1.9 G8 G8 1,9 KX T/A BFGoodrich Krawler BF Goodrich Krawler T/A KX 1.9 G8	PR01013603	BFGKrwlrTA KX 1.9Prdtr Tires FR	BFGKrwlrTA KX 1,9Prdtr Reifen FR	· ·	BFG Krawler TA KX 1.9 Prdtr Av/Pst
	PR01013614	BFGoodrich Krawler T/A KX 1.9 G8	BFGoodrich Krawler T/A KX 1,9 G8	G8 1,9 KX T/A BFGoodrich Krawler	BF Goodrich Krawler T/A KX 1.9 G8

Part#	Description	Beschreibung	Description	Descrizione
PR01015003	BFG T/A KM3 1.9"PrdtrRckTrs(2)	BFG T/A KM3 1,9 Zoll PrdtrRckTrs(2)	Pneus rocailleux Predator 4,5 cm (1,9 po) KM3 T/A BFG (2)	BFG T/A KM3 1.9" Prdtr Roccia (2)
PRO1015014	BFGrich Mud-Terrain T/A KM3 1.9	BFGrich Mud-Terrain T/A KM3 1,9	1,9 KM3 T/A terrain boueux BFGrich	BF Grich Fango T/A KM3 1.9
PR01018303	Trencher 1.9" Predator F/R	Trencher 1,9 Zoll Predator F/R	Predator 4,5 cm (1,9 po) Trencher avant/ arrière	Trencher 1.9" Predator Av/Pst
PRO1018314	Trencher 1.9" G8 Tires F/R	Trencher 1,9 Zoll G8 Reifen F/R	Pneus G8 4,5 cm (1,9 po) Trencher avant/arrière	Ruote Trencher 1.9 G8 Av/Pst
PRO116314	Interco Swamper 1.9 G8 Rock Tir	Interco Swamper 1,9 G8 felsig Reifen	Pneu rocailleux G8 1,9 Interco Swamper	Interco Bogger 1.9 G8 Roccia
PRO119703	TSL SX S Swamp XL 1.9 Predator	TSL SX S Swamp XL 1,9 Zoll Predator	Predator 1,9 XL TSL SX S Swamp	TSL SX S Swamp XL 1.9 Predator
PRO119714	Swamper XL 1.9 G8 Rock Terrain	Swamper XL 1,9 Zoll G8 felsiges Gelände	Terrain rocailleux G8 1,9 XL Swamper	Swamper XL 1.9 G8 Roccia
SPM5210	DX5 Rugged DSMR TX w/6200A RX	DX5 Rugged DSMR TX mit 6200A RX	Émetteur DX5 robuste DSMR avec récepteur 6200A	Tx DX5 Rgd DSMR con RX 6200A
SPMR5115	DX5C SMART 5CH DSMR TX ONLY	DX5C SMART DSMR 5-Kanal nur TX	ÉMETTEUR UNIQUEMENT DSMR 5 CANAUX SMART DX5C	DX5C SMART 5CH DSMR SOLO TX
SPMR5200G	DX5 Rugged DSMR TX Only, Green	Nur DX5 Rugged DSMR TX, Grün	Émetteur uniquement DX5 robuste DSMR, vert	DX5 Rugged DSMR solo Tx, verde
SPMR52000	DX5 Rugged DSMR TX Only, Orange	Nur DX5 Rugged DSMR TX, Orange	Émetteur uniquement DX5 robuste DSMR, orange	DX5 Rugged DSMR solo Tx, aranc
SPMSS6230	S6230 U-T / M-S Digital WP Servo	S6230 U-T/M-S Digitaler WP Servo	Servo étanche numérique U-T / M-S S6230	Servo digitale S6230 U-T/M-S imp
SPMSS6250	S6250 U-T / H-S Digital HV WP Servo	S6250 U-T / H-S Digitaler HV WP Servo	Servo numérique étanche haute tension U-T / H-S S6250	Servo digitale S6250 U-T/H-S imp HV
SPMSS6280	S6280 U-T / H-S Digital HV WP Servo	S6280 U-T / H-S Digitaler HV WP Servo	Servo numérique étanche haute tension U-T / H-S S6280	Servo digitale S6280 U-T/H-S imp HV
SPMXBC100	SMART Battery & Servo Tester	SMART-Akku und Servotester	Batterie SMART et testeur de servo	Tester servo e batterie Smart
SPMXC1010	Smart S2100 AC Charger, 2X100W	Smart S2100 Wechselstrom-Ladegerät, 2x100 W	Chargeur c.a. Smart S2100, 2 x 100 W	Caricbatt Smart S2100 CA, 2x100 W
SPMXC1050	Smart S1500 DC Charger, 1x500W	Smart S1500 Gleichstrom-Ladegerät, 1x500 W	Chargeur Smart c.c. S1500, 1 x 500 W	Caricbatt Smart S1500 CC, 1x500 W





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