

#### 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.

**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 DSM® or 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.

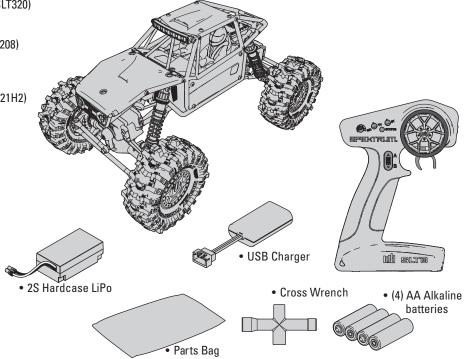
- Remove the battery pack(s) and dry the contacts. If you have an air compressor or a can of compressed air, blow out any water that may be inside the recessed connector housing.
- Remove the tires/wheels from the vehicle and gently rinse the mud and dirt off with a garden hose. Avoid rinsing the bearings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

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

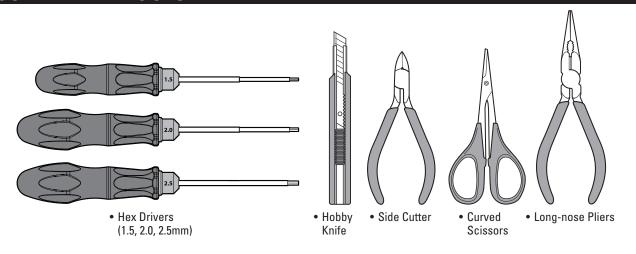
- Use an air compressor or a can of compressed air to dry the vehicle and help remove any water that may have gotten into small crevices or corners.
- Spray the bearings, drive train, fasteners and other metal parts with a water-displacing light oil. Do not spray the motor.
- Let the vehicle air dry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

- Spektrum™ SLT3 2.4 GHz 3 channel (SPMRSLT320)
- (4) AA Alkaline batteries
- Capra™ 4WS UTB18 RTR
  - Tazer 37-Turn 380 Brushed Motor (DYNS1208)
  - SR515 DSMR Receiver (SPMSR515)
  - SPMXSE1025 Brushed ESC
  - (2) Servos (SPMS664)
- 7.4V 650mAh 2S 20C LiPo, Hard (DYNB65021H2)
- USB-C LiPo Charger (SPMXC0040)



# **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

## **USB CHARGING WARNINGS**



WARNING: 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.

- NEVER LEAVE CHARGING BATTERIES UNATTENDED.
- NEVER CHARGE BATTERIES OVERNIGHT.
- · Never attempt to charge dead, damaged or wet battery packs.
- Never attempt to charge a battery pack containing different types of batteries.
- Never allow children under 14 years of age to charge battery packs.
- Never charge batteries in extremely hot or cold places or place in direct sunlight.
- Never charge a battery if the cable has been pinched or shorted.
- Never connect the charger if the power cable has been pinched or shorted.
- Never attempt to dismantle the charger or use a damaged charger.
- Always use only rechargeable batteries designed for use with this type of charger.
- Always inspect the battery before charging.
- Always keep the battery away from any material that could be affected by heat.
- Always monitor the charging area and have a fire extinguisher available at all times.
- Always end the charging process if the battery becomes hot to the touch or starts to change form (swell) during the charge process.
- Always connect the positive leads (+) and negative leads (-) correctly.
- Always disconnect the battery after charging, and let the charger cool between charges.
- Always charge in a well-ventilated area.
- Always terminate all processes and contact Horizon Hobby if the product malfunctions.
- Charge only rechargeable batteries. Charging non-rechargeable batteries may cause the batteries to burst, resulting in injury to persons and/or damage to property.
- The USB outlet shall be installed near the equipment and shall be easily accessible.

CAUTION: Always ensure the battery you are charging meets the specifications of this charger. Not doing so can result in excessive heat and other related product malfunctions, which can lead to user injury or property damage. Please contact Horizon Hobby or an authorized retailer with compatibility questions.

**CAUTION:** If at any time during the charge process the battery pack becomes hot or begins to puff, disconnect the battery immediately and discontinue the charge process as batteries can cause fire, collateral damage and injuries.

# CHARGE THE VEHICLE BATT

Use only the included USB charger to charge the battery.

1. Connect the charger to a suitable USB power port. The charger will work with most 5V mobile power sources or smartphone chargers with at least 1 amp of power output.

NOTICE: Charging the battery with a USB power port with less than 1 amp of power output can produce heat.

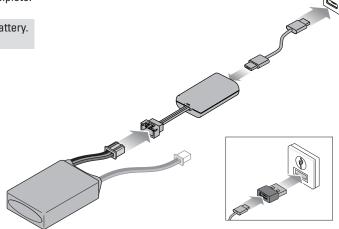
- 2. Connect the charge lead to the battery, noting correct polarity. Charging a fully discharged battery takes approximately 45-60 minutes. Charge times may vary depending on the power source.
- 3. Remove the battery from the charger when the charging cycle is complete.
- 4. Remove the charger from the power supply.

CAUTION: Once charging is complete, immediately remove the battery. Never leave a battery connected to the charger.

#### CHARGER LED INDICATIONS

RED, solid = Charging error: ensure battery is healthy and properly connected to the charger **ORANGE**, solid = Charging in progress **GREEN**, solid = Charging complete

**ORANGE/GREEN, flashing** = Charger is ready to charge



# TRANSMITTER FUNCTIONS

**Specifications** 

Power Supply: 4 AA Batteries Operating Frequency: 2.4GHz Transmit Power: <100mw Control Protocol: SLT

**Control:** Proportional Steering and Throttle/Reverse with Trim Knobs, Third Channel with Three Position Switch.

**Auxiliary Functions:** Three Position Throttle Limit Switch, Steering Rate Knob to Change Steering Travel on-the-fly, Programmable Servo Travel for Steering and Throttle/Reverse.

#### A. Throttle Trim

Adjusts the throttle neutral point.

#### **B. Steering Trim**

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

#### C. LED

- Solid red lights: Indicates the power is ON and adequate battery power.
- Flashing red lights: Indicates the battery voltage is critically low. Replace batteries.

#### D. Steering Wheel

#### E. Throttle/Reverse

#### F. Steering Rate

On-The-Fly knob for travel adjustment on the steering.

#### **G. Steering Mode**

3 position switch.

#### **H. 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.

#### I. Throttle (TH) Servo Reversing

Move the switch to reverse the throttle channel.

#### J. Steering (ST) Servo Reversing

Move the switch to reverse the steering channel.

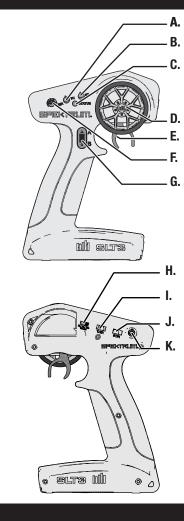
#### K. Power Button

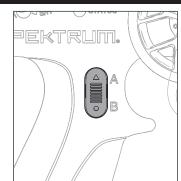
# **REAR STEERING MODES**

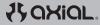
The Capra 4WS features both front and rear steering. There are three steering modes to manage how the rear steering responds to the steering wheel. The steering mode is selected from the transmitter with the three position switch.

**IMPORTANT:** Steering trim only affects the front wheels.

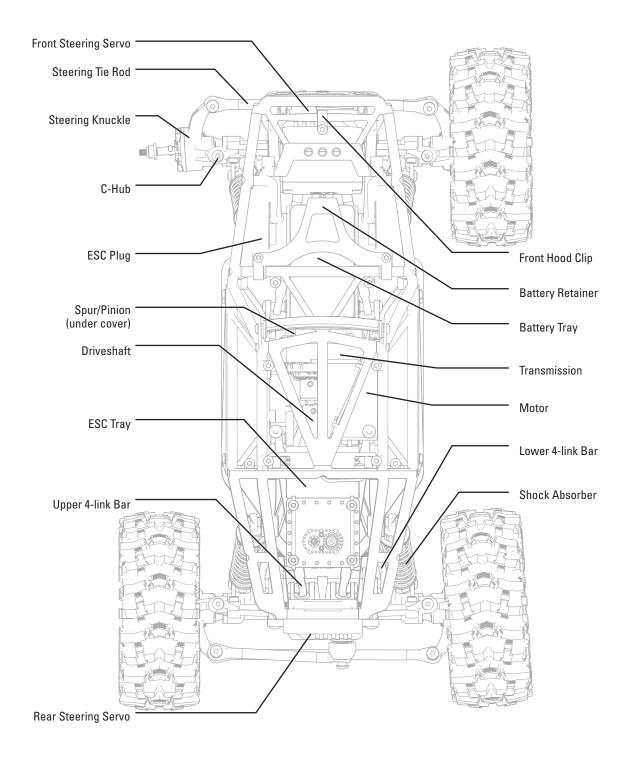
- In all modes the front wheels operate normally.
- Up is crab mode where the rear wheels steer the same direction as the front so the entire vehicle can crab sideways.
- Down is mirror mode where the rear wheels steer opposite the front wheels to tighten the turning radius.
- Center is front steer only mode, where the rear wheels do not steer.
- Press up or down on the three position switch to change from front steer only.
- When changing from one of the dual steering modes, you must first toggle back to front steer only.







# **VEHICLE PARTS**



## **SERVO TRAVEL**

The servo travel on the steering and throttle channels can be adjusted through a special programming mode in the transmitter.

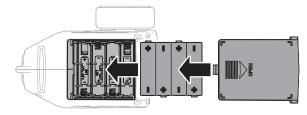
- Begin with the transmitter binding process to the receiver complete. Power ON the receiver.
- Hold full right and full brake while powering the transmitter ON to put the transmitter into programming mode.
   The LED on the transmitter will flash 4 times to indicate it is in programming mode.
- Turn and hold the wheel full left to set the travel limit for that direction. Press the A button to increase travel. Press the B button to reduce travel. The LED will flash once with every change. Return the wheel to center to set the travel value.

**IMPORTANT:** If the value has reached the maximum or minimum that can be accepted, the LED will not flash with further input.

- Turn the wheel to the right and repeat the process to set the steering travel to the right.
- For electric vehicles, power the Transmitter OFF to save the settings. Calibrate your ESC to the default throttle travel.
- 6. For fuel powered vehicles, set the throttle travel without the engine running; After setting steering travel, you can set throttle travel with the same process. Pull and hold full throttle, adjust travel with the A and B buttons, return to center to set the value.
- 7. Push full brake, adjust travel with the A and B buttons, return to center.
- 8. Power the transmitter OFF to save the values.

## **INSTALL THE TRANSMITTER BATTERIES**

- Press the battery compartment latch and rotate the batter cover to open.
- Install 4 AA alkaline batteries (or Ni-Cd or Ni-MH), verifying correct polarity.
- 3. Close the battery cover until it latches.





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



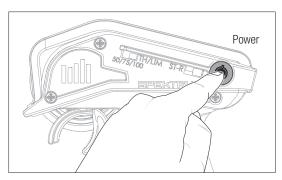
**CAUTION:** If using rechargeable batteries, charge only rechargeable batteries. Charging non-rechargeable batteries may cause the batteries to burst, resulting in injury or property damage.



**CAUTION:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to state and local laws.

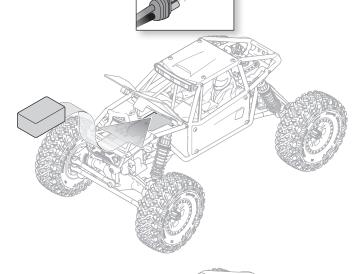


# **INSTALL THE VEHICLE BATTERY**



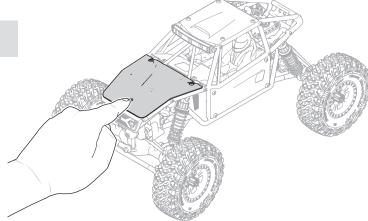
- 1. Power on the transmitter.
- Press up on the hood from behind the front bumper to release the hood latch. Raise the hood.
- 3. Connect the battery to the ESC.





5. Close the hood and press down on the center to latch it to the chassis. The battery is secured in place by the hood.

**NOTICE**: Always disconnect the battery from the ESC before powering off the transmitter. Loss of vehicle control may result.



# RANGE-CHECKING THE RADIO SYSTEM

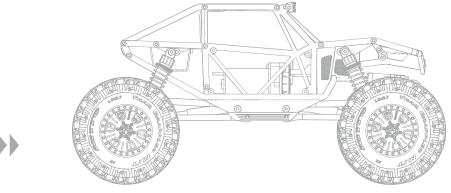
The radio system should be checked before operating the vehicle to ensure proper operation and adequate range.

- 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.



# 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.







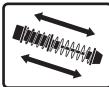
Replace any noticeable bent or broken parts



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



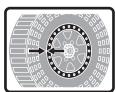
Inspect shock absorbers for smooth dampened operation



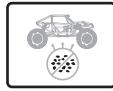
Check for any loose connections or frayed wiring



Check the wheel nuts for tightness



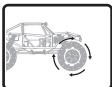
Ensure the wheel beads are still firmly bonded around the entire circumference of the rim



Keep the chassis free of dirt and debris



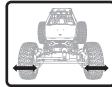
Check for loose screws on the chassis, especially the knuckle, C-hub and axle lockout screws



Check the driveline for smooth, bind free operation



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



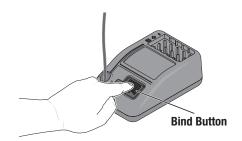
# **SR515 RECEIVER**

## **BINDING**

Binding is the process of electronically linking the transmitter to the receiver. The included transmitter and receiver are bound at the factory. If rebinding is necessary, follow these steps:

**IMPORTANT:** If using a different receiver/radio system, follow the binding instructions included with that receiver.

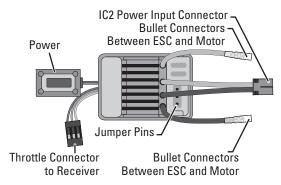
- Power ON the receiver, press the bind button three times quickly (within 1.5 seconds). The orange LED will begin to flash with a pause.
- Set the trims and control positions at the desired failsafe settings, and power ON the SLT3 transmitter.
- When the orange LED on the SLT3 transmitter remains lit, it is connected to SR515 receiver.



# SPMXSE1025 ESC

Туре	Brushed
Constant/Peak	25A/100A
Function	Forward/Reverse
Vehicle Type	1/18 Scale Crawler
Optional Features	Battery chemistry adjusted by jumper
Battery Type/ Input Voltage	2S Li-Po or 5–7 Ni-MH
Recommended Motor Type	270–380 Size Brushed Motor
BEC Output	6V/4A (Switch Mode)
Dimensions	34mm x 24mm x 14mm
Weight	28g
<b>Battery Connector</b>	IC2™ Connector
Motor Connector	4mm Female Motor Bullets

# **WIRING DIAGRAM**



#### **ESC AND TRANSMITTER CALIBRATION**

When using a new ESC it is important to calibrate it so the ESC matches the throttle range on your transmitter. If you install a new radio system or make changes to the throttle/brake values in your transmitter, you must redo the ESC Calibration Process. Failure to calibrate the ESC to your radio system will result in the ESC not working correctly.

- 1. Power ON the transmitter. Verify the throttle limit switch on the transmitter is set to 100%.
- Connect a battery to the ESC.
- 3. With the throttle trigger in neutral, power ON the ESC. Wait 3 seconds. The ESC completes throttle detection.

#### LED INDICATOR

Upon powering on the ESC, the LED will blink to indicate its status. \\

<b>During Operation</b>	LED Status
Throttle Neutral	OFF
Forward Partial Throttle	Rapid Flash
Full Throttle	Solid
Reverse Partial Throttle	Rapid Flash
Full Reverse	Solid
Battery Low Voltage	Rapid Flash
Overheat	Rapid Flash

**NOTICE:** Always disconnect the battery from the ESC when you have finished operating your vehicle. If you leave the battery connected with the power switch in the OFF position, the ESC will continue to draw current when connected to the battery, resulting in possible damage to the battery through over-discharge.

**NOTICE:** Do not connect a dedicated receiver battery to the servo or programming ports. When the ESC/Receiver is turned On it will provide the servo ports with 6V regulated power from the main battery. If a dedicated receiver battery is connected to the servo ports, the ESC/receiver may be damaged.

#### JUMPER SELECTION

The ESC uses a jumper to set the appropriate battery type. This vehicle uses a LiPo battery.

- If you want set the battery type to LiPo mode, plug the jumper into left two pins of the Batt pin header. LiPo is the default mode.
- If you want to set the battery type to NiMH mode, plug the jumper into the right two pins of the Batt pin header.



# 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
venicle does not move	Damaged motor	Replace the motor
	Frayed or broken wiring	Replace any damaged wiring
	ESC is shut down by heat protection circuit	Allow the ESC to cool down completely
	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
ESC ON - No motor function, audible tone	Battery/connection issue	Recharge/replace battery. Secure all connections
or LED	Damaged ESC	Repair/replace ESC
01 225	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.

10/15

# 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	service@horizonhobby.eu	Hanskampring 9	
European Omon	Sales: Horizon Hobby GmbH	+49 (0) 4121 2655 100	D 22885 Barsbüttel, Germany	

# **FCC INFORMATION**

TRANSMITTER FCC ID: BRWSPMSLT300 VEHICLE FCC ID: CONTAINS BRWSRIRVING1 SUPPLIER'S DECLARATION OF CONFORMITY Axial Capra UTB18. SLT3 4WD RTR (AXI-1750)

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)
TRANSMITTER IC ID: 6157A-SPMSLT300
VEHICLE IC ID: 6157A-SRIRVINGV1

This device contains license-exempt transmitter(s)/receivers(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following 2 conditions:

- 1. This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

# **COMPLIANCE INFORMATION FOR THE EUROPEAN UNION**

Axial Capra UTB18. SLT3 4WD RTR (AXI-1750)
Hereby, Horizon Hobby, LLC declares that the device is in compliance with the following: Low Voltage Directive (LVD) 2014/35/EU, 2014/30/EU EMC Directive, 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.

#### Wireless Frequency Range and Wireless Output Power

**EU COMPLIANCE STATEMENT:** 

#### **Transmitter**

2403MHz—2480MHz 16.3dB

#### Receiver:

2404-2476MHz -1.33 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

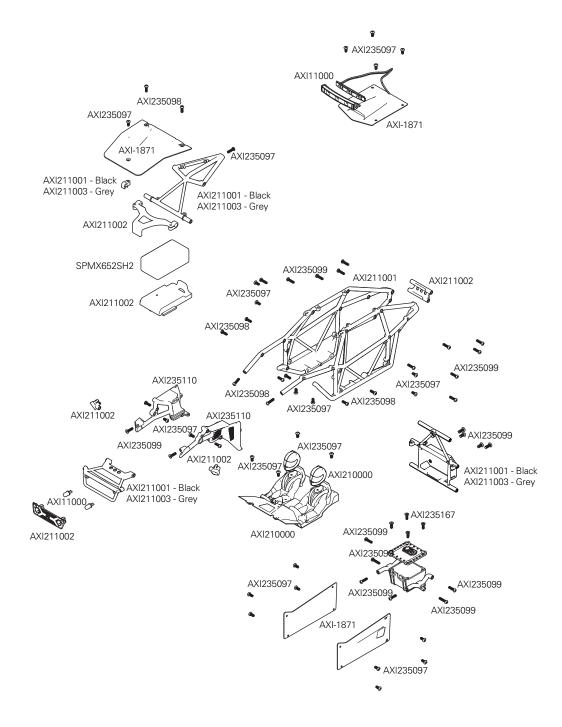
#### **WEEE NOTICE:**



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.

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

CHASSIS KAROSSERIE CHÂSSIS TELAIO



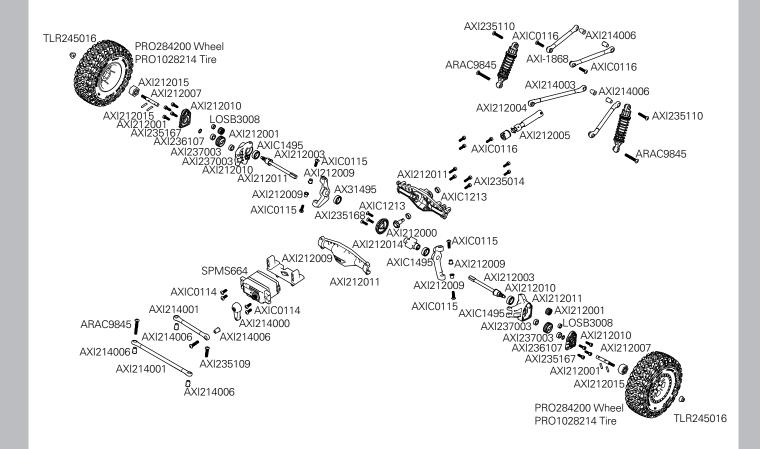




# UTB18™ Capra™ 4WS

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

STEERING AXLE LENKACHSE ESSIEU DIRECTEUR ASSE STERZANTE



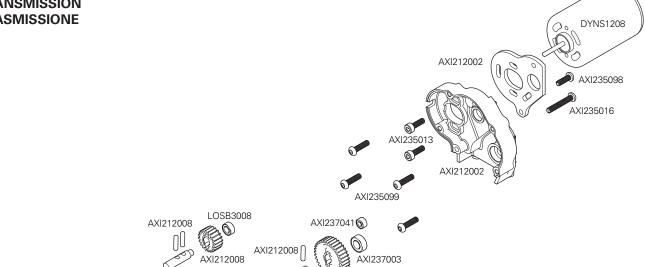


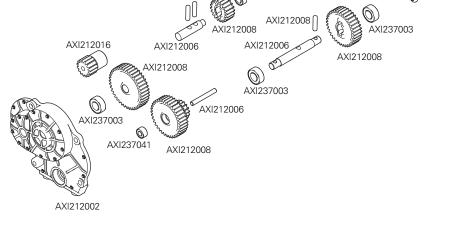


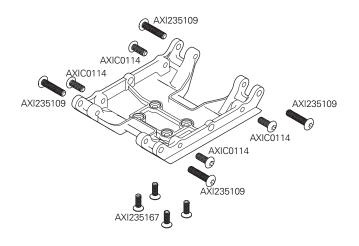
# UTB18™ Capra™ 4WS

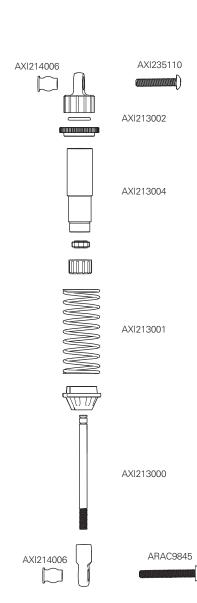
# EXPLODED VIEWS // EXPLOSIONSZEICHNUNGEN // VUES ÉCLATÉES // VISTE ESPLOSE













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

AR721322 Statuton Hoad Scrow   AR721322 Rendkolpfichraubo,   Vis. 8 title Demboo AR721322, x 2.2 mm   AR721322 Vit a tests clinidric   3.2 zmm (10)   Ax011000   LED Lights/(1) Light Bar:   LED-Lauchten (4) (Leuchthalken: (1)   (1)   (4) clistrages/barre d'éclaringe à DEL:   Luci LED (4) (7) arrainment   Ax721322 X 12 mm   Ax721322 Vit a tests clinidric   Ax721322 X 12 mm   Ax721322 Vit a tests clinidric   Ax721322 Vit a tests clinidric   Ax721322 X 12 mm   Ax721322 Vit a tests clinidric   Ax721322 X 12 mm   Ax721322 Vit a tests clinidric   Ax721322 Vit	Part#	Description	Beschreibung	Description	Descrizione Descrizione
AVAIL1000				<u> </u>	
MRI	ARAC9845	3x22mm (10)	3 x 22 mm (10)	(10)	3x22 mm (10)
Wilst aws   Wils	AXI11000	UTB18	UTB18	UTB18	UTB18
MAY-12000	AXI-1868	UTB18 4WS	hinten, UTB18 4WS	avant, arrière, UTB18 4WS	UTB18 4WS
March   Marc	AXI-1871	UTB18 4WS		(transparent): Capra, UTB18 4WS	
Schwarz  UTB18	AXI210000	UTB18	· · ·	UTB18	Set interni, trasp., Capra: UTB18
MAXI   Max	AXI211002	(Black): UTB18	(Schwarz): UTB18		(nero): UTB18
AXI212001   48P Portal Gear Set 26T/15T   48P Portalachssatz 28T/15T [2]: UTB18   33T/13T: UTB18   33T/13T	AXI211003			Ensemble cage, complet, gris : UTB18	
AXIZ12000	AXI212000	UTB18		33T/13T : UTB18	
UTB18	AXI212001		48P Portalachssatz 26T/15T (2): UTB18		
AVX212006   WB8-18 Driveshaft Coupler   Avx1212005   WB8-18 Driveshaft Set: UTB18   WB8-18 Antriebswellenkupplungssatz: UTB18   Carbon Set: UTB1	AXI212002		· ·	Ensemble boîte de transmission : UTB18	Set alloggiamento trasmissione: UTB18
Antriebswellenkupplungsatz: UTB18	AXI212003	Universal Axle Set (2): UTB18	Universalachsenset (2): UTB18		Set assale universale (2): UTB18
AXIZ12006   Transmission Shaft Set (3): UTB18   Getriebewellensatz (3): UTB18   UTB18   UTB18   Contribution of the state of the stat	AXI212004				WB8-18: UTB18
Wilson	AXI212005		WB8-18 Antriebswellensatz: UTB18	Ensemble arbre moteur WB8-18 : UTB18	-
AXI212008 UTB18 AXI212009 Portal Axle Dortal Axle Components, Front-UTB18 AXI212010 Portal Axle Components, Front-UTB18 AXI212010 Portal Extrng Knikle Set: UTB18 AXI212011 Currie F9 Portal Axle Housng UTB18 AXI212011 Zimm Hex Hub Set (4): UTB18 AXI212015 12mm Hex Hub Set (4): UTB18 AXI212016 Pinion Gear 48P 13T - Steel 2.3 Shaft AXI212010 Shock Shaft M3x45mm (2): UTB18 AXI212010 Shock Shaft M3x45mm (2): UTB18 AXI213000 Shock Shaft M3x45mm (2): UTB18 AXI213001 Spring 13x54mm 1.7lbs/in (2): UTB18 AXI213002 Shock O-Ring Set (4): UTB18 AXI213003 Shock Parts (4): UTB18 AXI213004 Shock Body 10x33mm (2): UTB18 AXI213005 Shock Body 10x33mm (2): UTB18 AXI213000 Shock Body 10x33mm (2): UTB18 Stockdämpferteile (4): UTB18 AXI213000 Shock Body 10x33mm (2): UTB18 Stockdämpferteile (4): UTB18 AXI213000 Shock Body 10x33mm (2): UTB18 Stockdämpferteile (4): UTB18 AXI213000 Shock Body 10x33mm (2): UTB18 Stockdämpferteile (4): UTB18 AXI213000 Shock Body 10x33mm (2): UTB18 Stockdämpferteile (4): UTB18 AXI213000 Servo Horn Set 23/25T: UTB18 AXI214000 Servo Horn Set 23/25T: UTB18 Celeistahistangen M3 x 68,5 (2): UTB18 AXI214000 Servo Horn Set 23/25T: UTB18 Celeistahistangen M3 x 68,5 (2): UTB18 AXI214000 Servo Horn Set 23/25T: UTB18 Celeistahistangen M3 x 68,5 (2): UTB18 AXI214000 Servo Horn Set 23/25T: UTB18 Celeistahistangen M3 x 68,5 (2): UTB18 AXI214000 Servo Horn Set 23/25T: UTB18 Celeistahistangen M3 x 68,5 (2): UTB18 AXI214000 Servo Horn Set 23/25T: UTB18 AXI214000 Servo Horn Set 24/25T: UTB18 AXI214000 Servo Horn Set 24/25T: UTB18 Celeistahista	AXI212006	UTB18		UTB18	UTB18
AXI212009	AXI212007	' '	Portalachsschenkel (2): UTB18		
Available   Components, Front: UTB18	AXI212008	UTB18		48P : UTB18	
AXI212011   Currie F9 Portal Axle Housns: UTB18   Logement d'essieu du portique Currie F9 Portal Axle Housns: UTB18   Logement d'essieu du portique Currie F9 Portal Currie F1	AXI212009			avant : UTB18	
Axiz   Axiz   Axiz   Differential   Spoil: UTB18   Axiz   Differential   Axiz   Differential   Spoil: UTB18   Axiz   Differential   Spoil: UTB18   Axiz   Differential   Spoil: UTB18   Axiz   Differential   Spoil: UTB18   Limm Hex Hub Set (4): U	AXI212010	Portal Strng Knkle Set: UTB18	Portallenkrollensatz: UTB18	portique : UTB18	Set fuso a snodo Portal: UTB18
AXI212015   12mm Hex Hub Set (4): UTB18   12 mm Hexnabensatz (4): UTB18   Ensemble moyeu hexagonal 12 mm (4): UTB18   2.3 Shaft   2.3 Shaft   2.3 Shaft   2.4 Shaft   2.4 Shaft   2.5 Sh	AXI212011		Currie F9 Portalachsgehäuse: UTB18		Alloggiamento assale Currie F9 Portal: UTB18
AXI212016   Pinion Gear 48P 13T - Steel   Zahnradgetriebe 48P 13T - Stahl 2.3    Zahnradgetriebe 48P 13T - Stahl 2.3    Shaft   Zahnradgetriebe 48P 13T - Stahl 2.3    Shaft   Welle   Za dier   Albero amm M3x45 mm (2): UTB18   Bras d'amortisseur M3 x 45 mm (2): UTB18   UTB18   Wolle   Za dier   Albero amm M3x45 mm (2): UTB18   AXI213000   Shock Shaft M3x45mm (2): UTB18   Spring 13x54mm 1.7lbs/in (2): UTB18   AXI213001   Shock O-Ring Set (4): UTB18   O-Ring-Satz für den Stoßdämpfer (4): UTB18   AXI213002   Shock D-Ring Set (4): UTB18   Stoßdämpferteile (4): UTB18   AXI213003   Shock Parts (4): UTB18   Stoßdämpferteile (4): UTB18   Stoßdämpferteile (4): UTB18   AXI213004   Shock Body 10x33mm (2): UTB18   Stoßdämpfergehäuse 10 x 33 mm (2): UTB18   AXI214000   Servo Horn Set 23/25T: UTB18   Servohornsatz 23/25T: UTB18   Servohornsatz 23/25T: UTB18   AXI214003   Stainless Links M3x83 (2): UTB18   Edelstahlstangen M3 x 68.5 (2): UTB18   AXI214004   Stainless Links M3x83 (2): UTB18   Edelstahlstangen M3 x 83 (2): UTB18   AXI214006   Rod Ends M3 (20): UTB18   Stangenkopf M3 x 83 (2): UTB18   AXI214006   Rod Ends M3 (20): UTB18   Stangenkopf M3 (20): UTB18   AXI221000   Chassis Skid Plate: UTB18   Stangenkopf M3 (20): UTB18   Chassis Skid Plate: UTB18   Chassis Chassis Chassis	AXI212014	Axle Differential Spool: UTB18	Achsdifferentialspule: UTB18	•	Cursore diff assale: UTB18
AXI213000	AXI212015	12mm Hex Hub Set (4): UTB18	` '	UTB18	Set mozzo hex 12 mm (4): UTB18
AXI213001   Spring 13x54mm 1.7lbs/in (2): (2): UTB18   C2): UTB18   C2): UTB18   C2): UTB18   C2): UTB18   C3   C4): UTB18   C4): UTB18   C4): UTB18   C5   C4): UTB18   C6   C7   C7   C7   C7   C7   C7   C7	AXI212016	2.3 Shaft		2,3 acier	Albero
AXI213002   Shock O-Ring Set (4): UTB18   O-Ring-Satz für den Stoßdämpfer (4): UTB18   Set 0-Ring amm (4): UTB18   Stoßdämpfer (4): UTB18   Stoßdämpfer (4): UTB18   Stoßdämpfer (4): UTB18   Stoßdämpfer (4): UTB18   Shock Body 10x33mm (2): UTB18   Stoßdämpfer (4): UTB18   Pièces d'amortisseur (4): UTB18   Ricambi amm (4): UTB18   Ricambi amm (4): UTB18   Shock Body 10x33mm (2): UTB18   Stoßdämpfer (4): UTB18   Stoßdämpfer (4): UTB18   Ricambi amm (4): UTB18   Shock Body 10x33mm (2): UTB18   Stoßdämpfer (4): UTB18   Corps d'amortisseur (4): UTB18   Ricambi amm (4): UTB18   Corps amm 10x33mm (2): UTB18   Servohornsatz 23/25T: UTB18   Ensemble renvoi de commande de servo 23/25T: UTB18   Ensemble timonerie de direction: UTB18   Set braccetti sterzo: UTB18   Set braccetti sterzo: UTB18   Set braccetti sterzo: UTB18   Set braccetti sterzo: UTB18   Stainless Links M3x68.5(2): UTB18   Tiranti acciaio inox M3x68.5(2): UTB18   UTB18   Tiranti acciaio inox M3x68.5(2): UTB18   UTB18   Tiranti acciaio inox M3x68.5(2): UTB18   Tiranti acciaio inox M3x6	AXI213000		Kolbenstange M3 x 45 mm (2): UTB18		
AXI213003 Shock O-Ring Set (4): UTB18 Stoßdämpferteile (4): UTB18 Pièces d'amortisseur (4): UTB18 Ricambi amm (4): UTB18  AXI213004 Shock Body 10x33mm (2): UTB18 Stoßdämpferteile (4): UTB18 Pièces d'amortisseur (4): UTB18 Ricambi amm (4): UTB18  AXI214000 Servo Horn Set 23/25T: UTB18 Servohornsatz 23/25T: UTB18 Ensemble renvoi de commande de servo 23/25T: UTB18  AXI214001 Steering Link Set: UTB18 Lenkgliedsatz: UTB18 Ensemble timonerie de direction: UTB18  AXI214003 Stainless Links M3x68.5(2): UTB18 Edelstahlstangen M3 x 68,5 (2): UTB18 Timonerie en acier inoxydable M3 x 68,5 (2): UTB18  AXI214004 Stainless Links M3x68.5(2): UTB18 Edelstahlstangen M3 x 83 (2): UTB18 (2): UT	AXI213001		(2): UTB18	Ressort 13 x 54 mm 1,7 lb/po (2) : UTB18	
AXI213004 Shock Body 10x33mm (2): UTB18 UTB18 UTB18 Corpo amm 10x33mm (2): UTB18 Servo 10x33mm (2): UTB18 Ensemble renvoi de commande de servo 23/25T: UTB18 Servo 23/25T: UTB18 Servo 23/25T: UTB18 Servo 23/25T: UTB18 Ensemble timonerie de direction : UTB18 Set braccetti sterzo: UTB18 Timonerie en acier inoxydable M3 x 68,5 (2): UTB18 AXI214003 Stainless Links M3x68.5(2): UTB18 Edelstahlstangen M3 x 68,5 (2): UTB18 Timonerie en acier inoxydable M3 x 68,5 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie e	AXI213002	Shock O-Ring Set (4): UTB18			Set O-Ring amm (4): UTB18
AXI214000 Servo Horn Set 23/25T: UTB18 Servohornsatz 23/25T: UTB18 Ensemble renvoi de commande de servo 23/25T: UTB18 Set squad servo 23/25T: UTB18  AXI214001 Steering Link Set: UTB18 Lenkgliedsatz: UTB18 Ensemble timonerie de direction: UTB18  AXI214003 Stainless Links M3x68.5(2): UTB18 Edelstahlstangen M3 x 68,5 (2): UTB18 [2]: UTB18 [2]	AXI213003				Ricambi amm (4): UTB18
AXI214001 Steering Link Set: UTB18 Lenkgliedsatz: UTB18 Lenkgliedsatz: UTB18 Ensemble timonerie de direction: UTB18 Set squad servo 23/251: UTB18  AXI214003 Stainless Links M3x68.5(2): UTB18 Edelstahlstangen M3 x 68,5 (2): UTB18 Timonerie en acier inoxydable M3 x 68,5 (2): UTB18  AXI214004 Stainless Links M3x83 (2): UTB18 Edelstahlstangen M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18  AXI214006 Rod Ends M3 (20): UTB18 Stangenkopf M3 (20): UTB18 Embouts de bielle M3 (20): UTB18 Teste snodo M3 (20): UTB18  AXI221000 Chassis Skid Plate: UTB18 Gleitplatte Fahrwerk: UTB18 Plaque de protection pour châssis: UTB18  AXI235013 M2.5x8 Cap Head Screw (10) M2.5 x 8 Inbusschraube (10) Vis d'assemblage creuse M2.5 x 8 (10) Vite testa cilindrica M2.5x8 (10)  AXI235014 M2.5x 8 mm Flat Head Screw M2.5 x 8 mm Flackkopfschraube (10) Vis à tête plate M2.5 x 8 mm (10) Viti testa piatta M2.5x8 mm (10)	AXI213004	, , , , , , , , , , , , , , , , , , , ,		UTB18	Corpo amm 10x33mm (2): UTB18
AXI214003 Stainless Links M3x68.5(2):UTB18 Edelstahlstangen M3 x 68,5 (2): UTB18 Timonerie en acier inoxydable M3 x 68,5 (2):UTB18 (2): UTB18 Timonerie en acier inoxydable M3 x 68,5 (2):UTB18 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18 UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18 UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18 UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18 UTB18 UTB18 UTB18 UTB18 Timonerie en acier inoxydable M3 x 83 (2): UTB18	AXI214000	Servo Horn Set 23/25T: UTB18	Servohornsatz 23/25T: UTB18	servo 23/25T : UTB18	Set squad servo 23/25T: UTB18
AXI214004 M3x68.5(2):UTB18  AXI214004 Stainless Links M3x83 (2): UTB18 Edelstahlstangen M3 x 83 (2): UTB18  AXI214006 Rod Ends M3 (20): UTB18 Stangenkopf M3 (20): UTB18  AXI221000 Chassis Skid Plate: UTB18 Gleitplatte Fahrwerk: UTB18  AXI235013 M2.5x8 Cap Head Screw (10) M2.5 x 8 Inbusschraube (10) Wis d'assemblage creuse M2.5 x 10 mm, Cap Head Screw (10)  AXI235014 M2.5 x 8mm Flat Head Screw M2.5 x 8 mm flat M2.5 x 8 mm fl	AXI214001	<u> </u>	Lenkgliedsatz: UTB18	UTB18	
AXI214006 Rod Ends M3 (20): UTB18 Stangenkopf M3 (20): UTB18 Embouts de bielle M3 (20): UTB18 Teste snodo M3 (20): UTB18  AXI221000 Chassis Skid Plate: UTB18 Gleitplatte Fahrwerk: UTB18 Plaque de protection pour châssis: UTB18  AXI235013 M2.5x8 Cap Head Screw (10) M2,5 x 8 Inbusschraube (10) Vis d'assemblage creuse M2,5 x 8 (10) Vite testa cilindrica M2.5x8 (10)  AXI235014 M2.5 x 10mm, Cap Head Screw (10) M2,5 x 10 mm, Inbusschraube (10) Vis d'assemblage creuse, M2,5 x 10 mm (10) Viti testa cilindrica M2.5x10 (10)  AXI235167 M2.5 x 8mm Flat Head Screw M2,5 x 8 mm Flachkonfschraube (10) Vis à tête plate M2.5 x 8 mm (10) Viti testa piatta M2.5x8 mm (10)	AXI214003	M3x68.5(2):UTB18	Edelstahlstangen M3 x 68,5 (2): UTB18	(2) : UTB18	M3x68.5(2):UTB18
AXI221000 Chassis Skid Plate: UTB18 Gleitplatte Fahrwerk: UTB18 Plaque de protection pour châssis : UTB18  AXI235013 M2.5x8 Cap Head Screw (10) M2,5 x 8 Inbusschraube (10) Vis d'assemblage creuse M2,5 x 8 (10) Vite testa cilindrica M2.5x8 (10)  AXI235014 M2.5 x 10mm, Cap Head Screw (10) M2,5 x 10 mm, Inbusschraube (10) Vis d'assemblage creuse, M2,5 x 10 mm (10) Viti testa cilindrica M2.5x10 (10)  AXI235167 M2.5 x 8mm Flat Head Screw M2,5 x 8 mm Flackkonfschraube (10) Vis à tête plate M2,5 x 8 mm (10) Viti testa piatta M2,5 x 8 mm (10)	AXI214004	UTB18	<u> </u>	(2) : UTB18	UTB18
AXI235013 M2.5x8 Cap Head Screw (10) M2.5 x 8 Inbusschraube (10) Vis d'assemblage creuse M2.5 x 8 (10) Vite testa cilindrica M2.5x8 (10  AXI235014 M2.5 x 10mm, Cap Head Screw (10) M2.5 x 10 mm, Inbusschraube (10) Vis d'assemblage creuse, M2.5 x 10 mm (10) Viti testa cilindrica M2.5x10 (10)  AXI235167 M2.5 x 8mm Flat Head Screw M2.5 x 8 mm Flat Head Screw M2.5 x 8	AXI214006	Rod Ends M3 (20): UTB18	Stangenkopf M3 (20): UTB18		Teste snodo M3 (20): UTB18
AXI235014 M2.5 x 10mm, Cap Head Screw (10) M2.5 x 10 mm, Inbusschraube (10) Vis d'assemblage creuse, M2.5 x 10 mm Viti testa cilindrica M2.5x10 (10)  AXI235167 M2.5 x 8mm Flat Head Screw M2.5 x 8 mm Flackkonfschraube (10) Vis à tête plate M2.5 x 8 mm (10) Viti testa piatta M2.5 x 8 mm (10)	AXI221000	Chassis Skid Plate: UTB18	•	UTB18	Prot. sottoscocca telaio: UTB18
AXI235014 Screw (10) W2,5 x 10 mini, mibusscriratibe (10) (10) Viti testa cilindrica M2.5x10 (10)  AXI235167 M2.5 x 8mm Flat Head Screw M2.5 x 8 mm Flackkonfschraube (10) Vis à tête plate M2.5 x 8 mm (10) Viti testa piatta M2.5x8 mm (10)	AXI235013		M2,5 x 8 Inbusschraube (10)		Vite testa cilindrica M2.5x8 (10)
	AXI235014		M2,5 x 10 mm, Inbusschraube (10)		Viti testa cilindrica M2.5x10 (10)
	AXI235167	(10)	M2,5 x 8 mm Flachkopfschraube (10)	Vis à tête plate M2,5 x 8 mm (10)	Viti testa piatta M2.5x8 mm (10)
AXI235168 M2.5 x 10mm Flat Head Screw (10) M2.5 x 10 mm Flathkopfschraube (10) Vis à tête plate M2,5 x 10 mm (10) Viti testa piatta M2.5x10 mm (10)	AXI235168		M2,5 x 10 mm Flachkopfschraube (10)	Vis à tête plate M2,5 x 10 mm (10)	Viti testa piatta M2.5x10 mm (10)
AXI236107 4x6x0.3mm Washer (10) 4 x 6 x 0,3 mm Unterlegscheibe (10) Rondelle 4 x 6 x 0,3 mm (10) Rondelle 4x6x0,3 mm (10)	AXI236107	4x6x0.3mm Washer (10)	4 x 6 x 0,3 mm Unterlegscheibe (10)	Rondelle 4 x 6 x 0,3 mm (10)	Rondelle 4x6x0,3 mm (10)
AXI237003 4mm x 8mm x 3mm Ball Bearing (2) 4 mm x 8 mm x 3 mm Kugellager (2) Roulement à billes 4 x 8 x 3 mm (2) Cuscinetti sfera 4x8x3 mm (2)	AXI237003		4 mm x 8 mm x 3 mm Kugellager (2)	Roulement à billes 4 x 8 x 3 mm (2)	Cuscinetti sfera 4x8x3 mm (2)
AXI237041 2x5x2.5mm Ball Bearing (2) 2 x 5 x 2,5 mm Kugellager (2) Roulement à billes 2 x 5 x 2,5 mm (2) Cuscinetti sfera 2x5x2,5 mm (2)	AXI237041	2x5x2.5mm Ball Bearing (2)	2 x 5 x 2,5 mm Kugellager (2)	Roulement à billes 2 x 5 x 2,5 mm (2)	Cuscinetti sfera 2x5x2,5 mm (2)

Part#	Description	Beschreibung	Description	Descrizione
AXIC0005	AXA0113 Hex Socket Button Head Black M3x6mm (10)	AXA0113 M3 x 6 mm Sechskant- Rundkopf Schwarz (10)	Douille à six pans à tête bombée AXA0113 M3 x 6 mm noire (10)	AXA0113 Viti testa tonda esagono incassato nero M3x6 mm (10)
AXIC0114	AXA114 Hex Sckt ButtonHead M3x8mm Black Oxide (10)	AXA114 M3 x 8 mm Sechskant- Rundkopf Schwarzoxid (10)	Douille à six pans à tête bombée AXA114 M3 x 8 mm brunie (10)	AXA114 Viti testa tonda esagono incassato M3x8mm nero ossido (10)
AXIC0115	AXA115 Hex Socket Button Head M3x10mm Black (10)	AXA115 M3 x 10 mm Sechskant- Rundkopf Schwarz (10)	Douille à six pans à tête bombée AXA115 M3 x 10 mm noire (10)	AXA115 Viti testa tonda esagono incassato M3x10 mm nero (10)
AXIC0116	AXA116 Hex Socket Button Head M3x12mm Black (10)	AXA116 M3 x 12 mm Sechskant- Rundkopf Schwarz (10)	Douille à six pans à tête bombée AXA116 M3 x 12 mm noire (10)	AXA116 Viti testa tonda esagono incassato M3x12mm nero (10)
AXIC0180	AXA180 Set Screw M3x3mm Black Oxide (10)	AXA180 M3 x 3 mm Stellschraube Schwarzoxid (10)	Vis de fixation AXA180 M3 x 3 mm brunie (10)	AXA180 Vite di fermo M3x3 mm nero ossido (10)
AXIC0392	AXA1392 E-Clip E2 (10)	AXA1392 E-Clip E2 (10)	Attache en E E2 AXA1392 (10)	AXA1392 E-Clip E2 (10)
AXIC1213	AXA1213 Bearing 5x8x2.5mm (2)	AXA1213 Lager 5 x 8 x 2,5 mm (2)	AXA1213 Roulement 5 x 8 x 2,5 mm (2)	AXA1213 Cuscinetto 5x8x2,5mm (2)
AXIC1495	AX31495 Bearing 8x12x3.55mm (2)	AX31495 Lager 8 x 12 x 3,55 mm (2)	AX31495 Roulement 8 x 12 x 3,55 mm (2)	AX31495 Cscnetto 8x12x3,55mm(2)
DYNS1208	Tazer 37-Turn 380 Brushed Motor	Tazer 380-Bürstenmotor mit 37 Turns	Moteur à balais Tazer 37-Turn 380	Motore a spazzole Tazer 37 T 380
LOSB3008	3x6x2.5mm Ball Bearing (2)	3 x 6 x 2,5 mm Kugellager (2)	Roulement à billes 3 x 6 x 2,5 mm (2)	Cuscinetti a sfera 3x6x2,5 mm (2)
PR01028214	1/10 Class 0 Mickey Thompson Baja Pro X G8 F/R 1.55" Crawler Tires (2)	1/10 Klasse 0 Mickey Thompson Baja Pro X G8 F/R 1.55" Crawler-Reifen (2)	Pneus Crawler de 4 cm Classe 0 Mickey Thompson Baja Pro X G8 avant/arrière à l'échelle 1/10 (2)	Pneumatici Crawler 1/10 Class 0 Mickey Thompson Baja Pro X G8 F/R 1.55" (2)
PR0279800	Slot Mag 1.55 Alum Whis Rock Crawlers F/R	Slot Mag 1.55 Aluminiumräder Rock Crawlers F/R	Roues Rock Crawler en aluminium avant/arrière Slot Mag 4 cm	Ruote Rock Crawler Slot Mag 1.55 Alluminio Ant./Post.
PR0284200	1/10 Holcomb F/R 1.55" 12mm Crawler Bead-Loc Wheels (2) Black	1/10 Holcomb F/R 1.55" 12 mm Crawler Bead-Loc Räder (2) Schwarz	Roues à verrou de talon Crawler 12 mm de 4 cm Holcomb avant/arrière à l'échelle 1/10 (2) Noires	Ruote Bead-Lock Crawler 1/10 Holcomb 1.55" 12mm Ant./Post. (2) nero
PR01028214	1/10 Class 0 Mickey Thompson Baja Pro X G8 F/R 1.55" Crawler Tires (2)	1/10 Klasse 0 Mickey Thompson Baja Pro X G8 F/R 1.55" Crawler-Reifen (2)	Pneus Crawler de 4 cm Classe 0 Mickey Thompson Baja Pro X G8 avant/arrière à l'échelle 1/10 (2)	Pneumatici Crawler 1/10 Class 0 Mickey Thompson Baja Pro X G8 F/R 1.55" (2)
PR0284200	1/10 Holcomb F/R 1.55" 12mm Crawler Bead-Loc Wheels (2) Black	1/10 Holcomb F/R 1.55" 12 mm Crawler Bead-Loc Räder (2) Schwarz	Roues à verrou de talon Crawler 12 mm de 4 cm Holcomb avant/arrière à l'échelle 1/10 (2) Noires	Ruote Bead-Lock Crawler 1/10 Holcomb 1.55" 12mm Ant./Post. (2) nero
TLR245016	M3 Flanged Lock Nuts (10)	M3 Sicherungsmuttern mit Flansch (10)	Contre-écrous à collet M3 (10)	Dadi flangiati M3 (10)



# ELECTRONICS // ELECTRONIK // COMPOSANTS ÉLECTRONIQUES // ELETTRONICA

Part #	Description	Beschreibung	Description	Descrizione
SPMSLT300	SLT3 3CH 2.4Ghz with SR315 RX	SLT3 3CH 2,4 Ghz mit SR315 RX	Récepteur STL3 3 canaux 2,4 GHz avec SR315	SLT3 3 CH 2,4Ghz con RX SR315
SPMSR515	SR515 DSMR 5 CH Receiver	SR515 DSMR 5-Kanal-Empfänger	Récepteur SR515 DSMR 5 canaux	Ricevitore SR515 DSMR 5 CH
SPMX652SH2	650mAh 2S 7.4V Smart G2 30C LiPo; IC2	650 mAh 2S 7,4 V Smart G2 30C LiPo; IC2	LiPo Smart G2 30C 650 mAh 2S 7,4 V ; IC2	650 mAh 2S 7,4V Smart G2 30C LiPo; IC2
SPMXC0040	S10 Smart G2 LiPo USB-C Charger w/ IC2 Connector	S10 Smart G2 LiPo USB-C Ladegerät mit IC2-Anschluss	Chargeur USB-C S10 Smart G2 Li-Po avec connecteur IC2	Caricabatterie S10 Smart G2 LiPo USB-C con connettore IC2
SPMXSE1025	Firma 25A Brushed ESC	Firma 25 A Bürstengeschwindigkeitsregler	Variateur ESC à balais 25 A Firma	ESC 25 A a spazzole Firma
SPMS664	S664 Metal Gear Servo 25T, WP	S664 Metallgetriebeservo 25T WP	Servo à engrenages métalliques S664 , 25 dents, étanche	S664 Servo ingranaggi metallo 25T impermeabile

# OPTIONAL PARTS // OPTIONALETEILE // PIÈCES FACULTATIVES // PARTI OPZIONALI

Part #	Description	Beschreibung	Description	Descrizione
AXI312004	Portal Box Cover,Brass(2):UTB18	Portalboxabdeckung, Messing (2): UTB18	Couvercle de boîte de portique, laiton (2) : UTB18	Cprch box Portal, ottone (2):UTB18
AXI312005	Hex Hubs, Brass (7g) (4): UTB18	Hexnaben, Messing (7 g) (4): UTB18	Moyeux hexagonaux, laiton (7 g) (4) : UTB18	Mozzi hex, ottone (7 g) (4): UTB18
AXI312006	48P Prt Gear OvrDrv 25T/16T(2)	48P Getriebeanschluss Übersteuerung 25T/16T(2)	Surmultiplicateur d'engrenage de portique 48P 25T/16T (2)	OvrDrv ingr 48P Prt 25T/16T (2)
AXI314001	Front Link Set, Alum: UTB18	Verbindungssatz Front, Alum: UTB18	Ensemble timonerie avant, aluminium : UTB18	Set braccetti anteriori, alu: UTB18
AXI314002	Steering Links Set, Alum: UTB18	Lenkgliedsatz, Alum: UTB18	Ensemble timonerie de direction, aluminium : UTB18	Set tiranti sterzo, alu: UTB18
SPMCX1080				
SPMXC1000	Smart S1200 DC Charger, 1x200W	Smart S1200 Gleichstrom-Ladegerät, 1x200 W	Chargeur c.c. S1200 Smart, 1 x 200 W	Caricabatterie Smart S1200 CC 1x200 W
SPMXC1010	Smart S2100 AC Charger, 2X100W	Smart S2100 Wechselstrom-Ladegerät, 2X100W	Chargeur c.a. Smart S2100, 2 x 100 W	Caricabatterie Smart S2100 AC 2x100 W
SPMXC1020	Smart S120 USB-C Charger, 1x20	Smart S120 USB-C-Ladegerät, 1 x 20 W	Chargeur Smart S120 USB-C, 1 x 20	Caricabatterie Smart S120 USB-C, 1x20 W
SPMXC1050	Smart S1500 DC Charger, 1x500W	Smart S1500 Gleichstrom-Ladegerät, 1x500 W	Chargeur Smart c.c. S1500, 1 x 500 W	Caricabatterie Smart S1500 CC, 1x500 W
SPMXC1070	Smart S150 AC/DC Charger, 1x50W	Smart S150 AC/DC Ladegerät, 1x50W	Chargeur Smart c.a./c.c. S150, 1 x 50 W	Caricabatterie Smart S150 AC/DC 1x50 W
SPMXC2010	Smart S2200 G2 AC Charger,2x200W	Smart S2200 G2 Wechselstrom- Ladegerät, 2x200 W	Chargeur Smart CA S2200 G2, 2 x 200 W	Caricabatterie Smart S2200 G2 AC, 2x200 W
SPMXC2020	Smart S1200 G2 AC Charger; 1x200	Smart S1200 G2 Wechselstrom- Ladegerät; 1x200 W	Chargeur Smart CA S1200 G2, 1 x 200 W	Caricabatterie Smart S1200 CA G2, 1x200 W
SPMXC2040	Smart S1400 G2 AC Charger,1x400	Smart S1400 G2 Wechselstrom- Ladegerät,1x400	Chargeur c.a. Smart S1400 G2, 1 x 400	Caricabatterie SmartS1400 G2 AC1x400



# **WE. BUILD. ADVENTURE.**

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