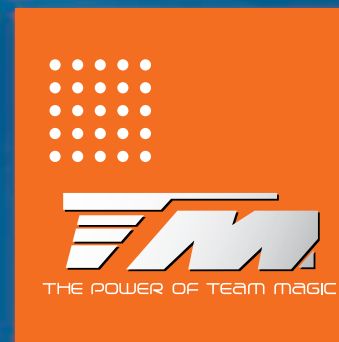




1/8 BEETLE BAJA

EP BUGGY 3-4S RTR



Team Magic Model Industrial Co.Ltd

**THE POWER OF
TEAM MAGIC**
teammagic.com.tw

A No. 157, Chengfeng Ln., Taiming Rd.,
Wuri Dist., Taichung City, Taiwan
T +886-4-23552606
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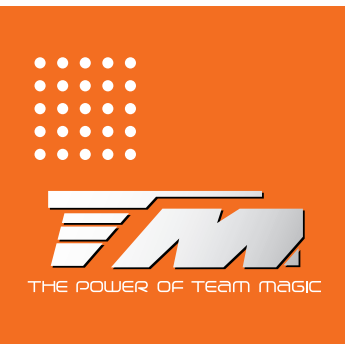
- NO.560021 INSTRUCTION / SETUP MANUAL -

TEAMMAGIC

61802

- NO.560021 INSTRUCTION / SETUP MANUAL -

TEAMMAGIC



TEAMMAGIC



1/8 **BEETLE BAJA**

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR

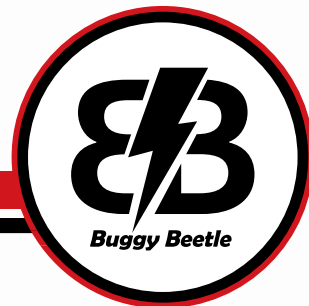
Switzerland:
HRC Distribution GmbH
Römerstrasse 83
CH-4143 Reinach

EU:
Hartweg R/C
Am Bächle 03
DE-79540 Lörrach



1/8 BEETLE BAJA

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



THANK YOU FOR CHOOSING THE TEAM MAGIC 1/8 BEETLE BAJA EP BUGGY 3-4S RTR

THE TEAM MAGIC 1/8 BEETLE BAJA EP BUGGY IS BUILT WITH PREMIUM PARTS AND A ROBUST STRUCTURE TO ENSURE EXCEPTIONAL PERFORMANCE AND DURABILITY. BEFORE STARTING, PLEASE TAKE THE TIME TO THOROUGHLY READ THE INSTRUCTION MANUAL. WE HOPE YOU ENJOY YOUR EXPERIENCE WITH OUR PRODUCT!

GENERAL OPERATION TIPS:

- REVIEW THE MANUAL THOROUGHLY BEFORE STARTING.
- SET UP A CLEAN WORKSPACE, PREFERABLY WITH A LIGHT-COLORED TOWEL TO EASILY SPOT DROPPED PARTS.
- AVOID OVERTIGHTENING FASTENERS TO PREVENT DAMAGE TO COMPONENTS.
- START OPERATION GRADUALLY TO FEEL ANY RESISTANCE FORCES.
- ENSURE PROPER ALIGNMENT IF PARTS DON'T FIT SMOOTHLY.
- CONTACT AUTHORIZED DEALERS OR TEAM MAGIC FOR ASSISTANCE WITH ANY ISSUES.
- USE THE RIGHT TOOLS TO MAKE ASSEMBLY OR REPAIRS EASIER.

SELECTING A REPUTABLE DEALER IS CRUCIAL.
A RELIABLE HOBBY DEALER CAN ASSIST IN RESOLVING MOST ISSUES YOU MAY ENCOUNTER.

- 1/8 BEETLE BAJA EP BUGGY - EQUIRED ITEMS AND HELPFUL EQUIPMENTS

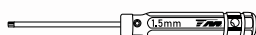
REQUIRED ITEMS

- AA BATTERY OR RECHARGEABLE



HELPFUL EQUIPMENTS

- TM RC HEX WRENCH 1.5mm
#117057-1



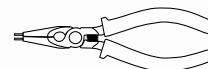
HELPFUL EQUIPMENTS

- TM HC NUT DRIVER 5.5mm
#117010 (FOR 3mm NUT)



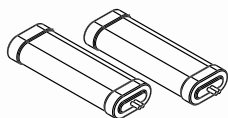
HELPFUL EQUIPMENTS

- CIRCLIP PLIER
#117032



REQUIRED ITEMS

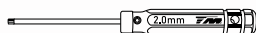
- 7.4V RECHARGEABLE BATTERY PACK



X4

HELPFUL EQUIPMENTS

- TM RC HEX WRENCH 2.0mm
#117057-2



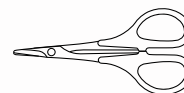
HELPFUL EQUIPMENTS

- TM HC NUT DRIVER 7.0mm
#117011 (FOR 7mm NUT)



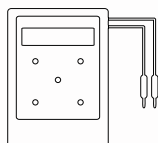
HELPFUL EQUIPMENTS

- CURVED SCISSORS
#116006



REQUIRED ITEMS

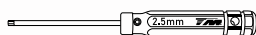
- BATTERY PACK CHARGER



X2

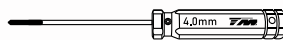
HELPFUL EQUIPMENTS

- TM RC HEX WRENCH 2.5mm
#117057-3



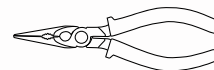
HELPFUL EQUIPMENTS

- TM HC PHILIPS SCREW DRIVER 4.0mm
#117024



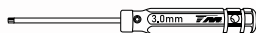
HELPFUL EQUIPMENTS

- NEEDLENOSE PLIERS



HELPFUL EQUIPMENTS

- TM RC HEX WRENCH 3.0mm
#117057-4



HELPFUL EQUIPMENTS

- BODY REAMER
#117030



HELPFUL EQUIPMENTS

- HOBBY KNIFE





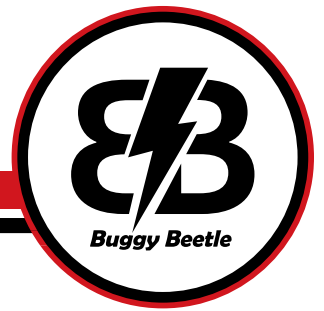
TEAMMAGIC



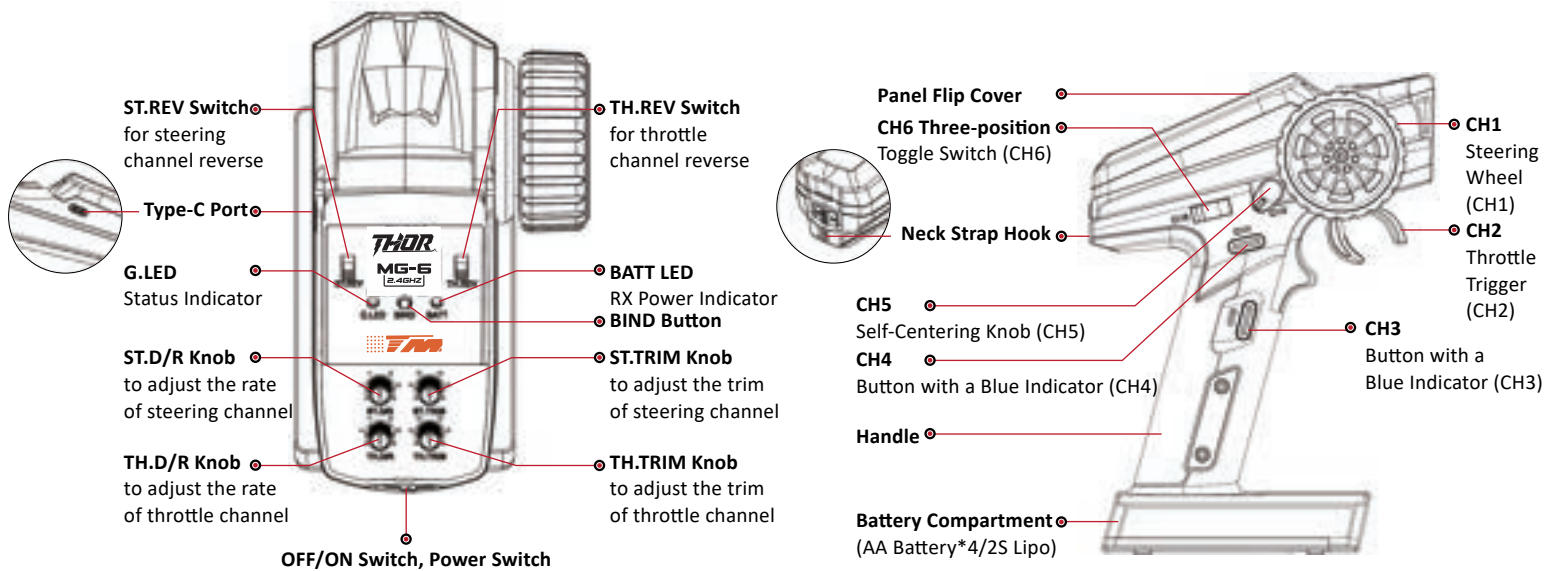
THOR MG-6 USER MANUAL

2.4Ghz 2A Digital Proportional Radio Control System

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



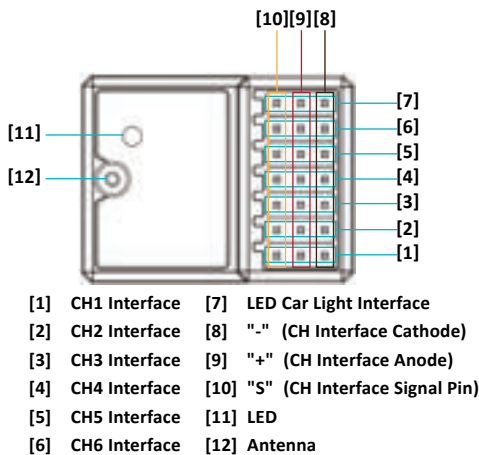
TRANSMITTER OVERVIEW



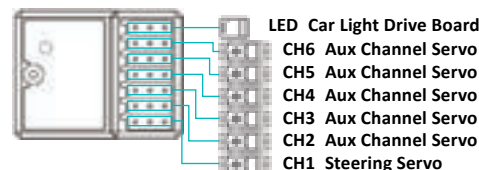
SPECIFICATIONS

- | | | | |
|------------------------------------|-------------------------------|--|---|
| • PRODUCT MODEL : THOR MG-6 | • MAXIMUM POWER : <20 dBm | • WORKING CURRENT : 60mA/6V | • TEMPERATURE RANGE : -100C ~ +600C |
| • COMPATIBLE RECEIVERS : THOR RD-6 | • 2.4GHz PROTOCOL : 2A-BS | • CHARGING JACK : NONE | • HUMIDITY RANGE : 20% ~ 95% |
| • NUMBER OF CHANNELS : 6 | • DISTANCE : ≥ 150m | • LOW VOLTAGE ALARM : AA <4.2V; LIPO <7.0V | • DIMENSIONS : 135.7*189.5*82.7MM |
| • COMPATIBLE MODELS : RC CARS | • RESOLUTION : 4096 | • ANTENNAS : SINGLE BUILT-IN ANTENNA | • WEIGHT : 217G |
| • RF : 2.4GHz ISM | • INPUT POWER : 3.5 - 8.4V/DC | • DATA / ONLINE OUTPUT : NONE | • CERTIFICATIONS : CE, FCC ID/2A2UNMG1100 |

RECEIVER OVERVIEW



Connect the servos/car light drive board to the receiver according to the diagram below.



RECEIVER LED

The LED status indicates the receiver's power supply and working state.
OFF: The receiver is not powered on.
SOLID ON: The receiver works normally.
FAST FLASHIN: The receiver is in the binding mode.
SLOW FLASHING: The transmitter is either off, not bound, or the receiver isn't receiving a signal.

INTERFACE

All channel interfaces are 2.54mm*3 Pin standard pins.

ANTENNA

The transmitter has a built-in antenna that operates automatically when the transmitter starts.

CAUTION

Do not pull the antenna of the receiver.
Do not tie the antenna and the servo cable together.

WARNING

Keep the antenna at least 1cm away from materials like carbon to avoid signal interference.

RECEIVER AND SERVO INSTALLATION

Mount the receiver in a suitable location to ensure a stable signal, maximize range, and minimize interference.

1. Ensure the receiver is not installed near motors or sources of electrical noise.
2. Keep the receiver's antenna at least 1 cm away from conductive materials like carbon or metal to ensure proper function.



CAUTION

Do not power on the receiver during installation.

TRANSMITTER BATTERY INSTALLATION

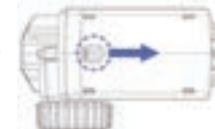
Press and slide the cover as illustrated, then remove it.

AA Battery Installation:

1. Open the battery cover.
2. Insert 4 AA batteries.
3. Close the battery cover.

LiPo Battery Installation:

1. Open the battery cover.
2. Insert the 2S LiPo battery.
3. Connect the LiPo battery to the JST jack.
4. Close the battery cover, avoiding pinching the cable.



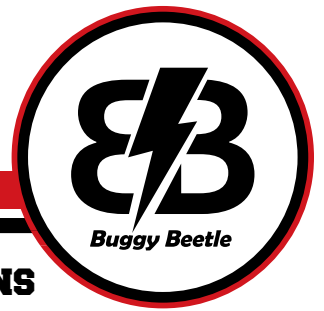
SPECIFICATIONS

- | | | | |
|------------------------------------|-------------------------------|--------------------------------------|--|
| • PRODUCT MODEL : THOR RD-6 | • MAXIMUM POWER : <20 dBm | • ANTENNAS : SINGLE EXTERNAL ANTENNA | • WATERPROOF: PPX4 |
| • COMPATIBLE RECEIVERS : THOR MG-6 | • 2.4GHz PROTOCOL : 2A-BS | • DATA OUTPUT : PWM | • DIMENSIONS : 29*22*16.2mm |
| • NUMBER OF CHANNELS : 6 | • DISTANCE : ≥ 150m | • ONLINE OUTPUT : NONE | • WEIGHT : 7.7g |
| • COMPATIBLE MODELS : RC CARS | • RESOLUTION : 4096 | • TEMPERATURE RANGE : -10°C ~ +60°C | • CERTIFICATIONS : CE, FCC ID : 2A2UNR6D01 |
| • RF : 2.4GHz ISM | • INPUT POWER : 3.5 - 8.4V/DC | • HUMIDITY RANGE : 20% ~ 95% | |

THOR MG-6 USER MANUAL

2.4Ghz 2A Digital Proportional Radio Control System

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



• OPERATING INSTRUCTIONS

• POWERING ON

1. Check to make sure that the batteries are fully charged and installed correctly.
 2. Toggle the Power Switch to the ON position. The G.LED will be solid on.
- Note:** For safety, always power on the transmitter before the receiver.

WARNING : Operate with caution in order to avoid damage or injury.

• LED INDICATOR

The GREEN LED is used to indicate the functional status of the transmitter.
The BATT LED is used to indicate the power status of the transmitter.

1. GREEN LED:

- Flashing rapidly: The transmitter is in binding state.
- Flashing slowly: The transmitter voltage is low.
- Stay in gradual light: The transmitter is in idle alarm/sleep mode.
- Working in two-flash-one-off: The transmitter is in end point adjustment status.

2. BATT LED:

- Solid on in Green: The battery power is high.
- Solid on in Yellow: The battery power is medium.
- Solid on in Red: The battery power is low.
- Flashing slowly in Red: The battery power is ultra low.

Note:

- Before Power-On: The BATT LED shows the transmitter battery status.
- 3 Seconds After Power-On: The BATT LED switches to display the receiver battery status.
- BATT LED Off: The transmitter does not receive the return message.
- BATT LED Stay in the state: The receiver is de-bounding.

• BINDING

1. **ENTER BINDING MODE:** Hold BIND, power on the transmitter, and release when the G.LED flashes rapidly.
2. **POWER ON RECEIVER:** Turn on the receiver and wait 1 second. If connection fails, the receiver will re-enter binding mode. Successful
3. **BINDING:** Both the receiver LED and G.LED will be solid.
4. **VERIFY:** Test the connection; repeat the process if needed.

• STICK CALIBRATION

To correct mechanical deviations in the throttle trigger, steering wheel, and CH5 self-centering knob, follow these steps:

1. ENTER CALIBRATION MODE:

- Turn and Hold Steering Wheel: Turn the wheel fully clockwise and push the throttle forward.
- Push Throttle Trigger Forward: Push the throttle trigger as far forward as it will go.
- Turn On Transmitter: Hold positions, turn on transmitter, hear three buzzes.

2. STEERING WHEEL CALIBRATION:

- Turn to Max Travel: Turn the steering wheel to its maximum clockwise position.
- Turn to Min Travel: Turn the steering wheel to its maximum counterclockwise position.
- Buzzer Sound: The buzzer will sound twice, indicating calibration is complete.

3. THROTTLE TRIGGER CALIBRATION:

- Push Forward: Push the throttle trigger all the way forward.
- Pull Back: Pull the throttle trigger all the way backward.
- Buzzer Sound: The buzzer will sound once, indicating calibration is complete.

4. CH5 SELF-CENTERING KNOB CALIBRATION:

- Turn to Max Travel: Turn the CH5 self-centering knob fully clockwise.
- Turn to Min Travel: Turn the CH5 self-centering knob fully counterclockwise.
- Buzzer Sound: A long beep indicates CH5 self-centering knob calibration is complete.

5. SAVE AND EXIT CALIBRATION:

- Press the BIND button to save settings. A long beep confirms successful calibration. If calibration fails, press the BIND button won't work; repeat the steps.

• POWERING OFF

1. Start by turning off the receiver.
2. Switch the transmitter's power to the OFF position.

WARNING :
Always disconnect the receiver power before turning off the transmitter.
Failure to do so may cause damage or serious injury.

• RD-6 SYSTEM FUNCTIONS

• ATTENTION

1. Ensure the product is installed and calibrated correctly to avoid serious injury.
2. Check power devices and car frame instructions to ensure proper power matching and prevent system damage.
3. Keep the system's external temperature below 90°C / 194°F to avoid damage.
4. Disconnect the receiver's battery before turning off the transmitter to prevent loss of control. Incorrect Failsafe settings can cause accidents.
5. Mount the receiver away from motors or devices that emit excessive electrical noise.
6. Keep the receiver's antenna at least 1 cm away from conductive materials like carbon or metal.
7. Do not power on the receiver during setup to prevent loss of control.

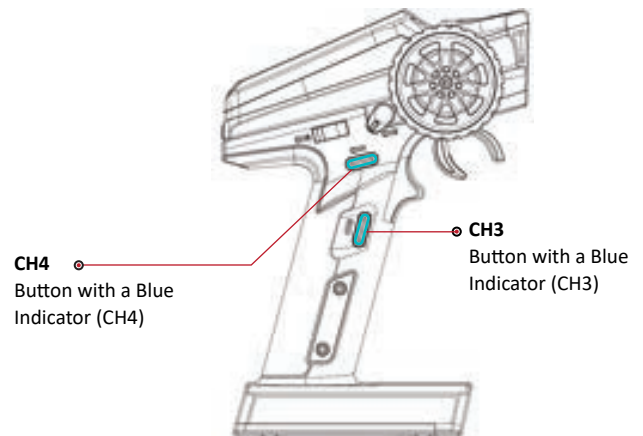
• BINDING INSTRUCTION

If rebinding the receiver and transmitter, refer to **BINDING** for details.

• FAILSAFE

The receiver supports the failsafe function, which needs to be set on the transmitter. Refer to transmitter **FAILSAFE** for details.

• LIGHT FUNCTIONS



• CH3 LIGHT CONTROL

4-Mode Headlight:

Power-On Mode: Steady Light.

1. Press CH3 button 3 times:
Switch to **Cycle Flashing Mode**.
2. Press CH3 button 3 more times:
Switch to **Burst Flashing Mode**.
3. Press CH3 button 3 more times:
Switch to **Off Mode**.
4. Press CH3 button 3 more times:
Switch **back to Steady Light Mode**.

• CH4 LIGHT CONTROL

3-Mode Roof Light & Rear Tail Light:

Power-On Mode: Off Mode.

1. Press CH4 button 4 times:
Switch to **Steady Light Mode**.
2. Press CH4 button 4 more times:
Switch to **Cycle Flashing Mode**.
3. Press CH4 button 2 more times:
Switch to **Burst Flashing Mode**.
4. Press CH4 button 2 more times:
Switch **back to Off Mode**.

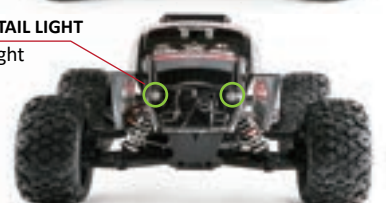
FRONT LIGHT
White light



ROOF LIGHT
White light



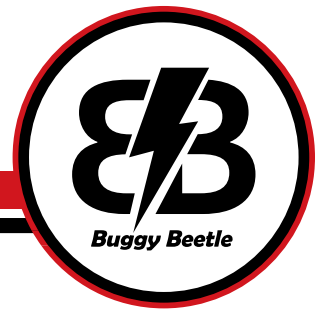
REAR TAIL LIGHT
Red light



THOR MG-6 USER MANUAL

2.4Ghz 2A Digital Proportional Radio Control System

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



MG-6 SYSTEM FUNCTIONS

CHANNEL DESCRIPTION

The transmitter outputs 6 channels, each assigned a specific control function:

1. CH1: STEERING WHEEL

Controls the steering direction of the model car.

- Turn Clockwise - Steers the car to the right.
- Turn Counterclockwise - Steers the car to the left.

2. CH2: THROTTLE TRIGGER -

Controls the car's movement, inc. forward, reverse, and braking.

- Push Forward - Moves the car forward.
- Pull Backward: Engages the brake or reverses the car.

3. CH3: CH3 BUTTON -

Manages the car's lighting system.

- Press the button to cycle through the lighting states (e.g., off, low, high).

4. CH4: CH4 BUTTON -

A customizable control channel.

- Assign a specific function, such as adjusting the speed of a servo.

5. CH5: CH5 SELF-CENTERING KNOB -

Provides precise control, typically for positioning a servo.

- Rotate the knob; it will auto-center after adjustment.

6. CH6: CH6 THREE-POSITION TOGGLE SWITCH -

Switches between three modes or settings.

- Toggle to choose one of three positions.

CHANNEL REVERSE

The motion direction of servos for the steering and throttle

1. STEERING AND THROTTLE CHANNELS

- ST.REV: Reverses the steering channel.
- TH.REV: Reverses the throttle channel.

2. SETUP:

- Toggle to Upper Side: One beep indicates normal output.
- Toggle to Lower Side: Two beeps indicate reversed output.

TRIM

This function adjusts the trim for the steering and throttle channels

- ST.TRIM and TH.TRIM Knobs: Adjust trim for the steering and throttle channels.
- Centered Knob: Trim value is zero.
- Counterclockwise Adjustment: Increases trim value up to +120μs.
- Clockwise Adjustment: Decreases trim value down to -120μs.
- Reversed Channels: Trim adjustments are inverted.

D/R

This function adjusts the sensitivity of the steering and throttle channels.

1. ST.D/R: Adjusts the steering channel rate.

2. TH.D/R: Adjusts the throttle channel rate

- Counterclockwise: Increases sensitivity.
- Clockwise: Decreases sensitivity.
- Range: 0 to 100%.

3. SETUP:

Turn the D/R knobs to adjust. The buzzer will beep once when the knob is centered.

FAILSAFE

The failsafe protects the model and personnel if the receiver loses control.

By default, it's off, and PWM interfaces retain their last output.

DEFAULT BEHAVIOR:

- CH2 (throttle) has no output when failsafe is triggered.
- Other channels retain their last output; it can be customized on the transmitter.

SETTING FAILSAFE:

1. NORMAL OPERATION: With the power on, move the control for the desired channel to the preset failsafe position.

2. SET FAILSAFE: Press and hold the BIND button for 3 seconds. The buzzer will emit a long beep to confirm the failsafe value is set.

Note: Rebinding the transmitter restores the default failsafe settings.

IDLE ALARM

After 10 minutes of inactivity, the transmitter enters idle alarm mode: the G.LED gradually lights up, and the buzzer beeps in a three-time cycle. Exit by operating any control.

END POINT ADJUSTMENT

This function adjusts the end points for all channels

STEERING CHANNEL END POINT ADJUSTMENT

• Enter Setting Mode:

With the power on, press BIND twice. The G.LED will flash in a two-flash-one-off pattern, and the buzzer will beep twice, signaling end point setting mode.

• Set First End Point:

Rotate the steering wheel to the desired point, hold it, then press BIND. The buzzer will beep cyclically.

• Set Second End Point:

Reverse the wheel to the other point, hold, and press BIND to stop the buzzer.

• Save Settings:

Press BIND for one second to save and exit. The buzzer will emit a long beep, and the G.LED will stay solid.

2. CH6 END POINT ADJUSTMENT

• Enter Setting Mode:

With power on, press BIND twice. The G.LED flashes two-on, one-off, and the buzzer beeps twice, indicating end point setting mode.

• Set First End Point:

Toggle CH6 to one position; the buzzer beeps three times. Rotate the steering wheel to the desired point, hold it, and press BIND. The buzzer will beep twice to confirm.

• Set Second End Point:

Toggle CH6, then rotate and hold the steering wheel, and press BIND. The buzzer will beep once to confirm.

• Set Third End Point:

Toggle CH6 to the last position. Rotate and hold the steering wheel, then press BIND. The buzzer will turn off to confirm.

• Save Settings:

Press BIND for one second to save and exit. The buzzer will beep long, and the G.LED will stay solid.

Note: Set end points for at least two positions.

3. OTHER CHANNELS END POINT ADJUSTMENT

• Enter Setting Mode:

Follow the previous instructions to enter end point setting mode.

• Select Channel:

Operate the control for the channel you want to adjust.

• Set First End Point:

Rotate the wheel to the desired point, hold it, and press BIND. The buzzer will beep cyclically.

• Set Second End Point:

Turn the wheel to the opposite point, hold it, and press BIND. The buzzer will turn off.

• Save and Exit:

Press BIND for one second to save and exit. The buzzer will beep long, and the G.LED will stay solid, setting the end points.

Notes:

- Setup Failure: If the transmitter doesn't respond during setup, restart the process.
- Multiple Channel Settings: After setting one channel, adjust others directly. To adjust steering or throttle, re-enter setting mode.
- Throttle Output: The throttle channel keeps output during other channel settings.

SLEEP MODE

After 2 minutes idle, the transmitter enters sleep mode: G.LED stays lit, other indicators turn off, and buzzer/RF are disabled. Restart to exit.

LOW VOLTAGE ALARM

When low voltage is detected, the system triggers an alarm to prevent accidents.

1. BELOW 4.2V (AA) OR 7.0V (LIPO):

The G.LED flashes slowly, and the buzzer beeps once cyclically.

2. BELOW 3.5V (ULTRA-LOW):

The transmitting function is disabled, and the G.LED stays steadily lit.

DATA RESET

This function is used to restore the end point value set to the default value.

- Press and hold the BIND and CH4 buttons simultaneously.
- While holding the buttons, power on the transmitter.
- The buzzer will emit a long beep, indicating the reset is complete.

191008 ESC USER MANUAL

WP-8BL100-RTR / WP-8BL150-RTR

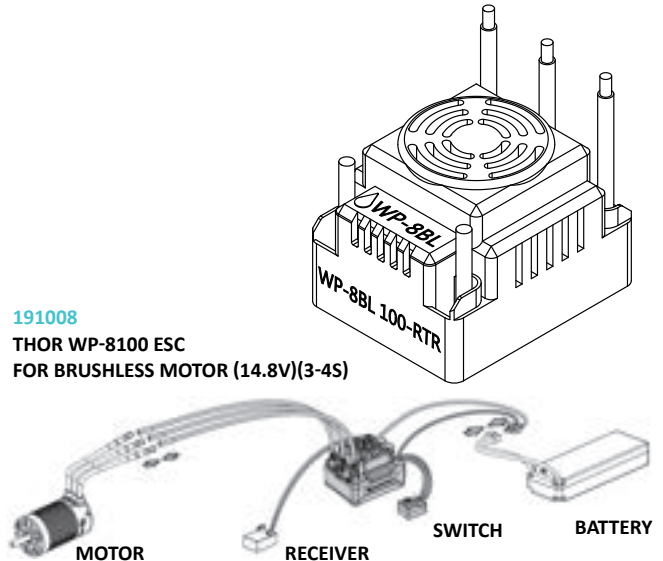
NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



ESC OVERVIEW

SPECIFICATIONS

Model	WP-8BL 100-RTR	WP-8BL 150-RTR
Cont. / Peak Current	100A / 650A	150A / 950A
Motor Supported	Sensored / Sensorless Brushless Motor (only in sensorless mode)	
Cars Applicable	1/8 Touring Car , 1/8 Buggy , 1/10 Truggy, 1/10 Monster Truck	
Motor Limit (Note 1)	3S LiPo : 4068 Motor , KV≤3000 4S LiPo : 4068 Motor , KV≤2400	4S LiPo : 4274 Motor , KV≤3000 6S LiPo : 4274 Motor , KV≤2400
Resistance	0.0005 ohm	0.00035 ohm
Battery	8-12 Cells NiMH , 3-4S LiPo	8-18 Cells NiMH , 3-6S LiPo
BEC Output	6V/5A, Switch mode	
Programming Port	FAN / PRG Port	
Dimension	59.5(L) × 48(W) × 42(H)	
Weight (W/ Wire)	173g	178g



191008

THOR WP-8100 ESC
FOR BRUSHLESS MOTOR (14.8V)(3-4S)

FEATURES

- 1. WATERPROOF & DUST-PROOF:** Remove the cooling fan before underwater use and dry the ESC afterward to prevent oxidation.
- 2. EXTERNAL PROGRAMMING PORT:** Allows easy connection to a program card and powers the cooling fan.
- 3. PERFORMANCE:** Provides excellent start-up, acceleration, and linearity, ideal for truggy and buggy vehicles.
- 4. BUILT-IN BEC:** Provides a powerful output to all electronic components.
- 5. MOUNTING STAND:** Comes with a stand for straightforward chassis installation.
- 6. PROPORTIONAL ABS BRAKE FUNCTION:** Adjustable force with 5-step maximum and 8-step drag.
- 7. MULTIPLE PROTECTIONS:** Features low voltage cut-off, overheat, throttle signal loss, and motor block protection. Easily programmable via SET button or Program Card.

WARNING :

- Ensure all wires and connections are insulated to avoid short circuits.
- Secure connections to prevent control issues.
- Verify compatibility with power device manuals before use.
- Use a 60W soldering iron for strong connections.
- Avoid revving the vehicle in the air to prevent tire expansion and harm.
- Stop using the ESC if the temperature exceeds 90°C / 194°F.
- Remove the cooling fan and dry the ESC after liquid exposure.
- Disconnect batteries after use to prevent damage and discharge.

ESC CONNECTION

1. CONNECTIONS:

- Connect ESC #A, #B, and #C wires to the motor wires. Swap any two wires if the motor runs in the wrong direction.
- Keep the wheels off the track when switching on the ESC for safety.

2. THROTTLE RANGE CALIBRATION:

- Turn Off ESC:
Start with the ESC off and the transmitter on.
- Transmitter Settings:
Set the throttle channel direction to "REV," set "EPA/ATV" to "100%," and disable ABS.

3. CALIBRATION:

- A. Press and Hold "SET":
While holding the "SET" key, turn on the ESC.
Release the "SET" key when the red LED starts flashing.
- B. Neutral Point:
Move the throttle stick to neutral, press the SET key (green LED flashes once).
- C. Forward End Point:
Move throttle stick to forward end, press SET (green LED flashes twice).
- D. Backward End Point:
Move throttle stick to backward end, press SET (green LED flashes three times).
Wait 3 seconds before starting the motor.

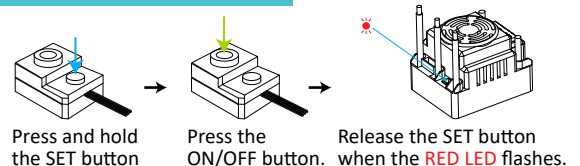
4. LED STATUS INDICATORS:

- Throttle Stick Neutral: No LED.
- Car Moves Forward: Red LED on; Green LED at top throttle.
- Car Brakes: Red LED on; Green LED at bottom throttle.
- Car Reverses: Red LED on.

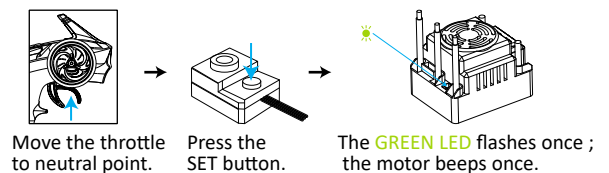
Make sure you follow these steps carefully for proper calibration and operation.

If you encounter any issues, try recalibrating by turning off the ESC and repeating the steps.

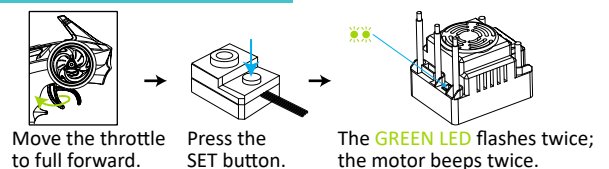
A. PRESS AND HOLD "SET":



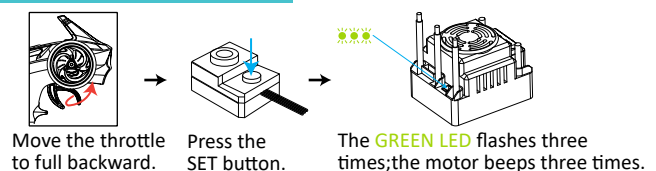
B. NEUTRAL POINT:



C. FORWARD END POINT:



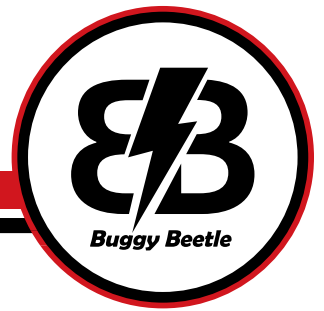
D. BACKWARD END POINT:



191008 ESC USER MANUAL

WP-8BL100-RTR / WP-8BL150-RTR

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



ESC FUNCTIONS

PROGRAMMABLE ITEMS

ITEMS:	VALUE								
NUMBER	1.	2.	3.	4.	5.	6.	7.	8.	9.
RUNNING MODE	F WITH BRAKE	F/R W/ BRAKE	F/R						
DRAG BRAKE FORCE	0%	5%	10%	20%	40%	60%	80%	100%	
LOW VOLTAGE CUT-OFF	NON	2.6V	2.8V	3.0V	3.2V	3.4V			
START MODE	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	LEVEL 8	LEVEL 9
MAXIMUM BRAKE FORCE	25%	50%	75%	100%	DISABLE				

FACTORY SETTING

PROGRAMMABLE VALUE

RUNNING MODES:

1. FORWARD WITH BRAKE:

- Function: Only forward and braking, no reverse.
- Best For: Competitive racing.

2. FORWARD/REVERSE WITH BRAKE:

- Function: Forward, brake, and reverse.
- Special: Double-click to reverse; first click brakes, second click activates reverse after stopping.
- Best For: General training.

3. FORWARD/REVERSE:

- Function: Instant forward and reverse without braking.
- Special: Single-click for immediate reverse, instant forward shift during braking/ reversing.
- Best For: Quick directional changes.

DRAG BRAKE FORCE

Adjust the drag brake at neutral throttle to simulate the smooth braking of a brushed motor during coasting.

LOW VOLTAGE CUT-OFF

This feature protects the lithium battery pack from over-discharge. The ESC monitors battery voltage and cuts off power if it remains below the threshold for 2 seconds. When this happens, the RED LED flashes in the pattern: "☆-, ☆-, ☆-".

START MODES:

Choose between "Level 1" and "Level 9" based on your preferred start force.

- Level 1: Gentle start.
- Level 9: Aggressive start, with force increasing from Level 1 to Level 9.

For Level 7 to Level 9, ensure you use high-quality batteries with strong discharge capacity for the best burst effect. If the motor trembles or runs unevenly, it may indicate weak battery discharge. In such cases, consider upgrading your battery or adjusting the gear ratio for smoother performance.

MAXIMUM BRAKE FORCE

The ESC provides proportional braking based on throttle stick position.

- Maximum brake force is reached at the end of the backward zone.
- Excessive braking can damage gears. Selecting "Disable" turns off the ESC brake and activates a servo-driven mechanical disc brake.

FACTORY RESET

- Press and hold the "SET" key for over 3 seconds.
- Both red and green LEDs will flash, indicating that programmable items are being reset to default.
- Restart the ESC to complete the process.

ESC PROGRAM

ESC PROGRAMMING STEPS

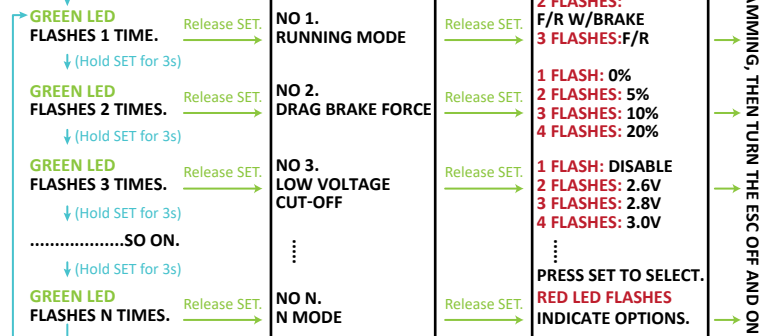
PROGRAM THE ESC WITH THE SET BUTTON

MAKE SURE ESC STAY OFF.

TURN ON THE TRANSMITTER.

HOLD SET, POWER ON THE ESC.

RED LED FLASHING.



Notes:

In the programming process, the motor emits a "Beep" tone with the LED flashes.

- Long flash + long beep ("Beep---") = Item 5
- Long flash + short beep ("Beep---B") = Item 6
- Long flash + two short beeps ("Beep---BB") = Item 7
- Long flash + three short beeps ("Beep---BBB") = Item 8
- Long flash + four short beeps ("Beep---BBBB") = Item 9

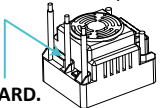
PROGRAMMING ESC WITH THE LED PROGRAM CARD:

- Obtain the Program Card: It's an optional accessory with three digital LEDs for displaying items and options. Refer to the user manual for details.
- Connecting the Program Card: Do not use the Rx wire / Use the dedicated port between the ABC terminals.



WARNING:

EXTERNAL PORT FOR PROGRAM CARD.



ESC TROUBLE SHOOTING

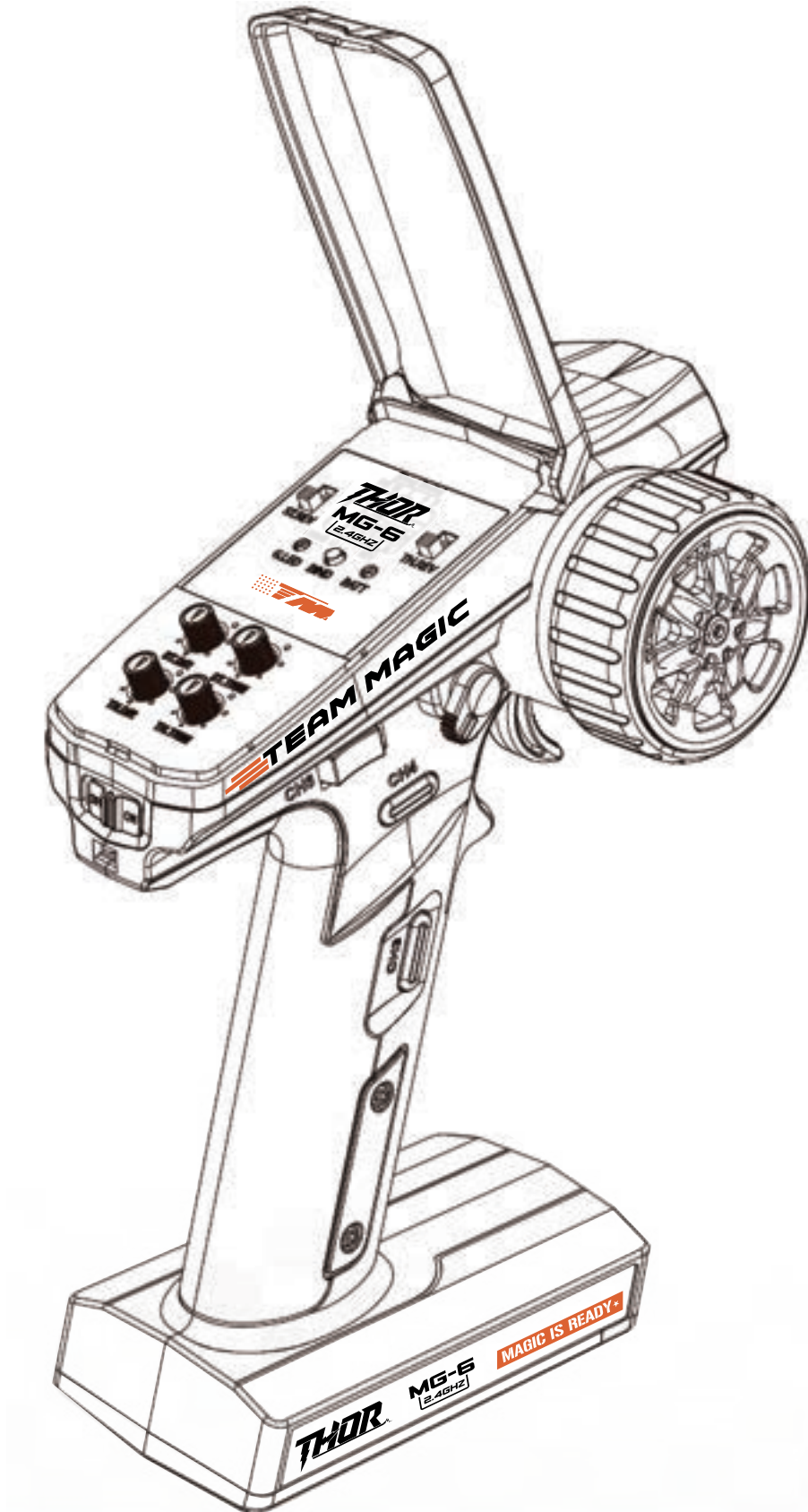
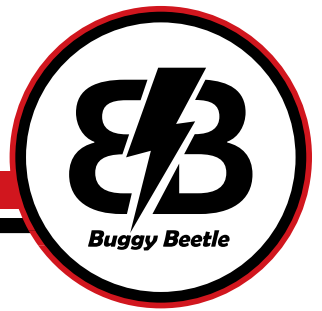
TROUBLESHOOTING

1. Motor and cooling fan don't work.	Reason: Incorrect battery connections Solution: Check and replace connectors
2. Motor beeps but doesn't work (beep-beep- every 1 sec).	Reason: Abnormal input voltage Solution: Check battery voltage
3. Red LED constantly on, motor doesn't work.	Reason: Abnormal throttle signal Solution: Plug control wire into the throttle channel correctly.
4. Motor runs in the opposite direction.	Reason: Incorrect ESC-motor wire connections Solution: Swap two ESC-motor wires
5. Motor stops suddenly while running.	Reason: Lost throttle signal Solution: Check transmitter, receiver, and signal wire.
6. ESC in Low Voltage or Over-heat Protection Mode.	Reason: Red: Low Voltage, Green: Over-heat Solution: Address voltage or cooling issues
7. Motor stops or trembles when accelerating quickly.	Reasons: Poor battery discharge, aggressive gear ratio, or high ESC "Start Mode (Punch)". Solutions: Use a better battery, adjust gear ratio, or soften "Start Mode (Punch)"
8. Red and green LEDs flash synchronously at neutral throttle.	Reason: Over current, motor demagnetization, or motor overload Solutions: Reduce load or change motor
9. Cannot connect to LED Program Card or LCD Program Box.	Reason: Using Rx wire Solution: Use the dedicated programming port, not the Rx wire

THOR MG-6 USER MANUAL

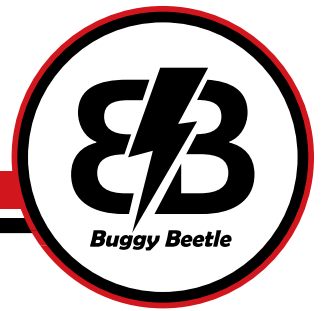
2.4Ghz 2A Digital Proportional Radio Control System

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



SHOCK ABSORBERS / DIFFERENTIALS

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



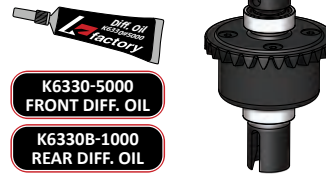
562007B FRONT SHOCK ABSORBERS



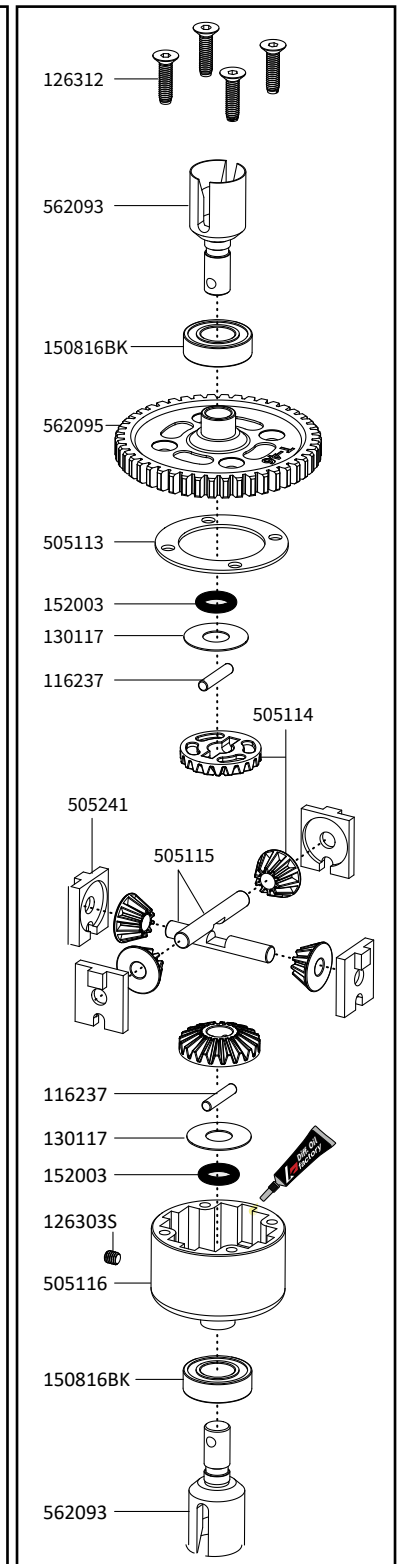
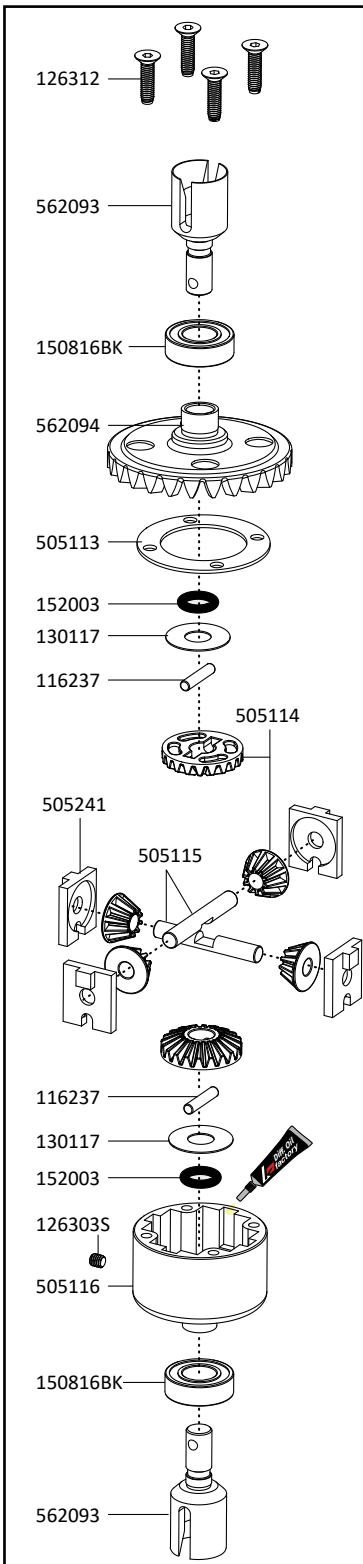
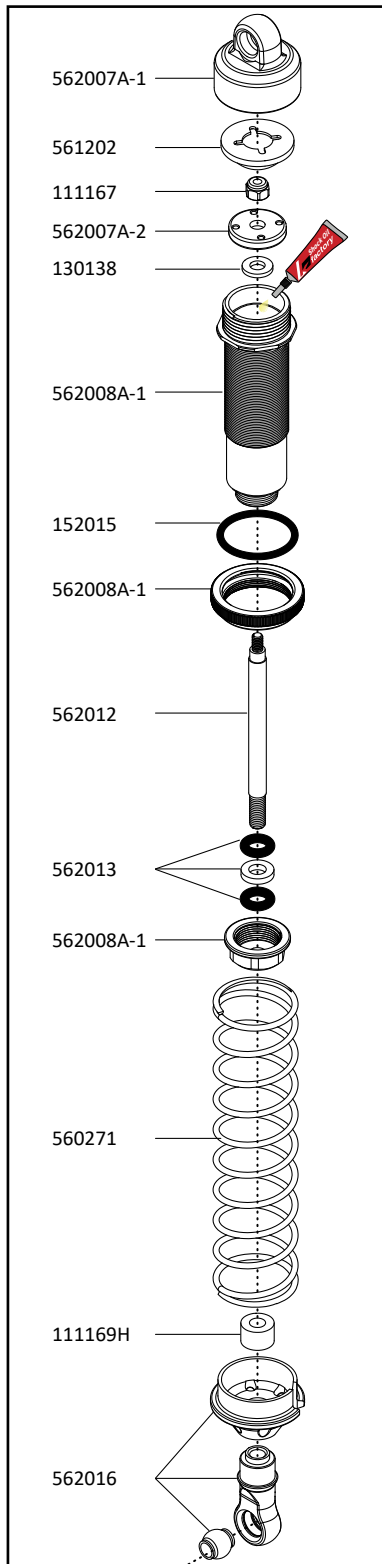
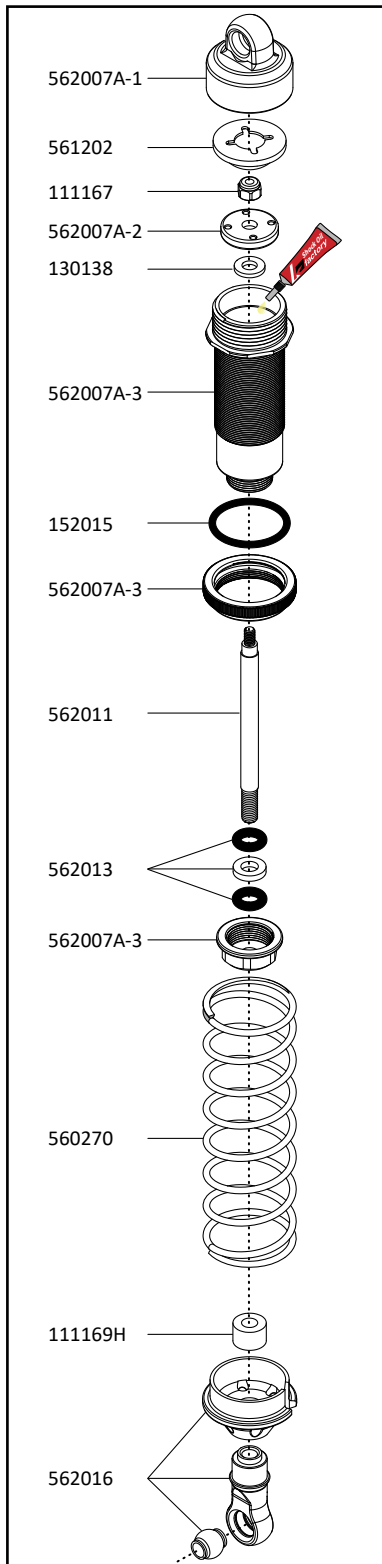
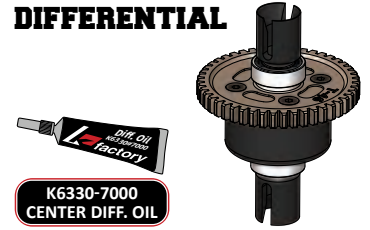
562008B REAR SHOCK ABSORBERS



562091 FRONT/REAR DIFFERENTIAL



562092 CENTER DIFFERENTIAL



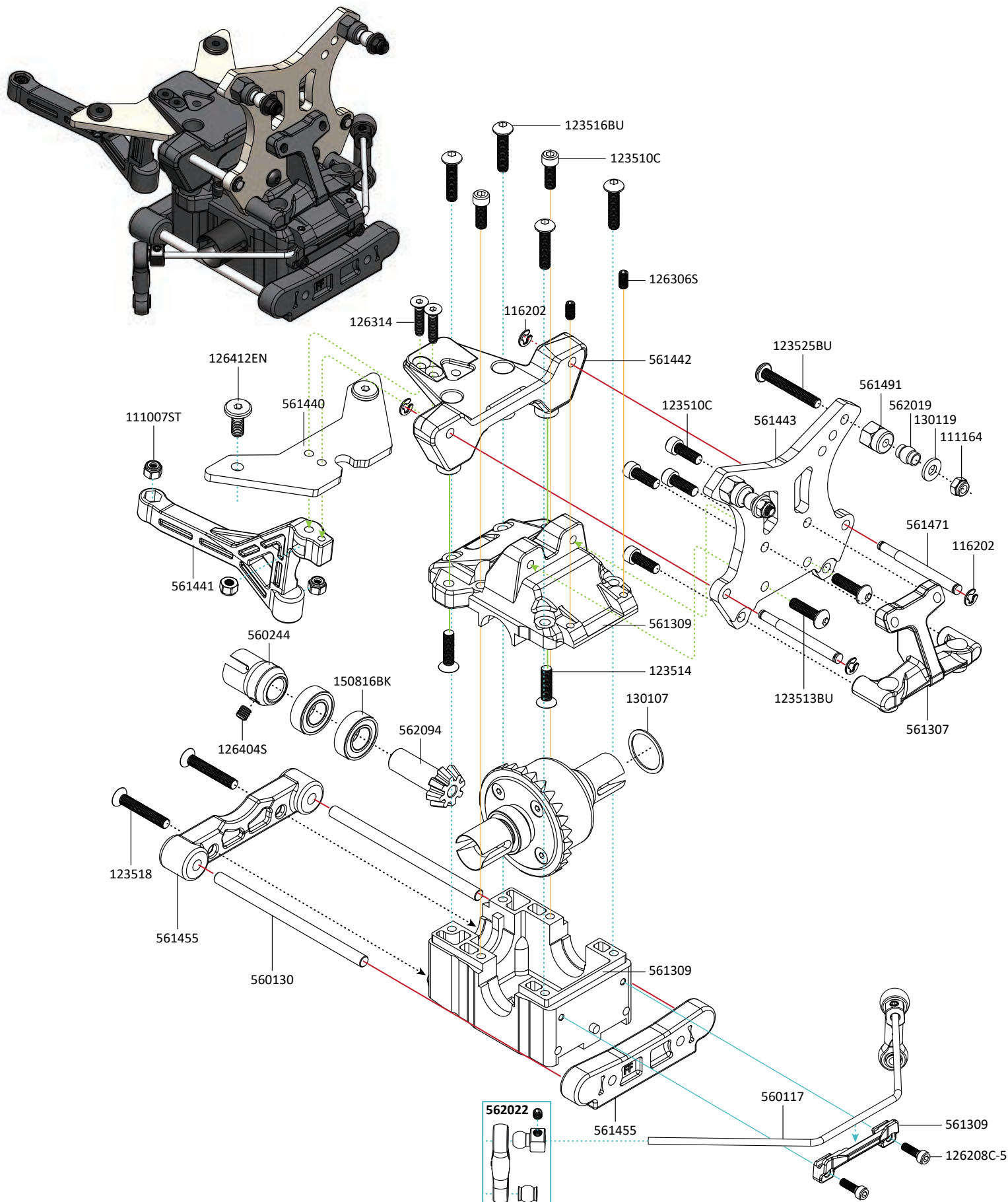
FRONT STRUCTURE

Anti-Roll Bar/ Shock Tower/ Bulkhead Upper Mount

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



ANTI-ROLL BAR / SHOCK TOWER BULKHEAD UPPER MOUNT

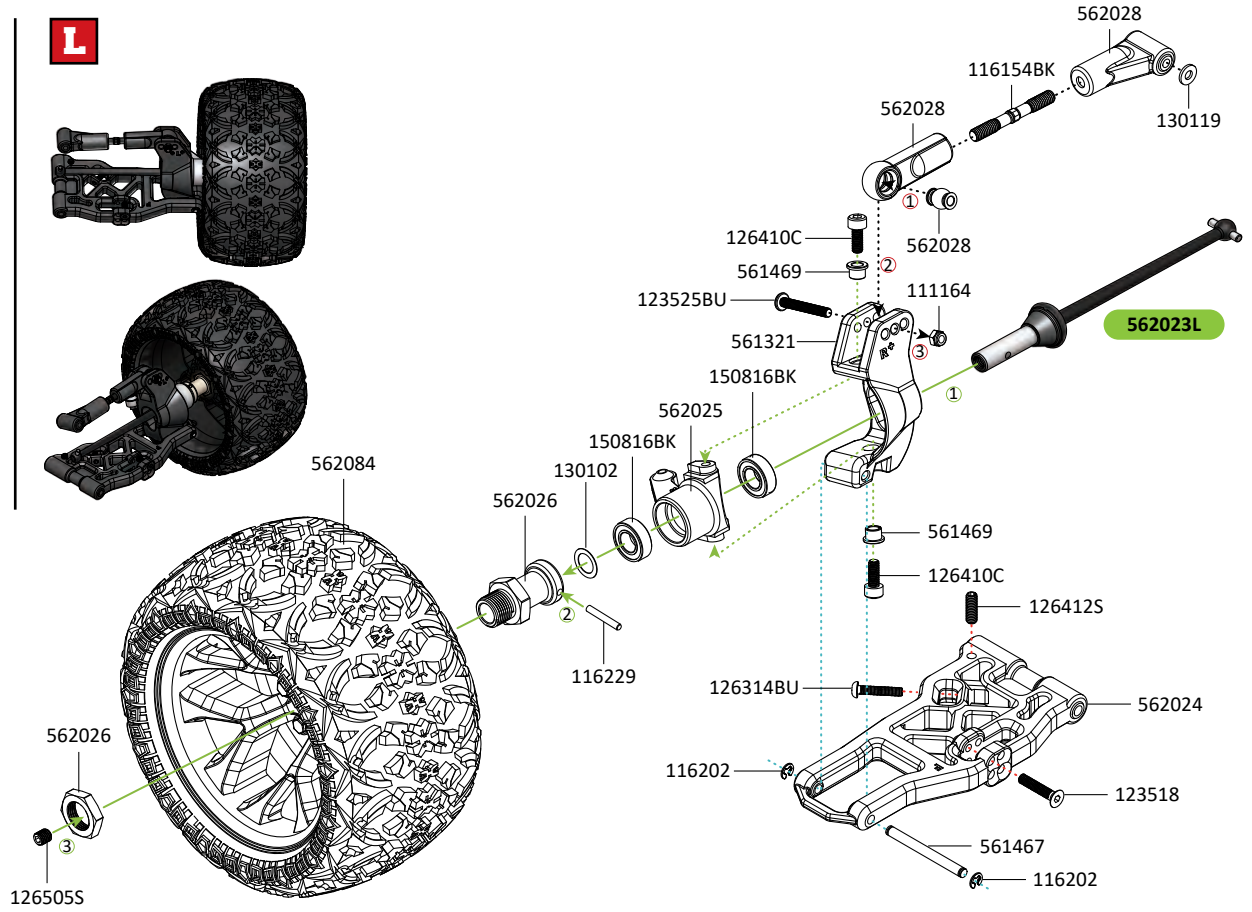
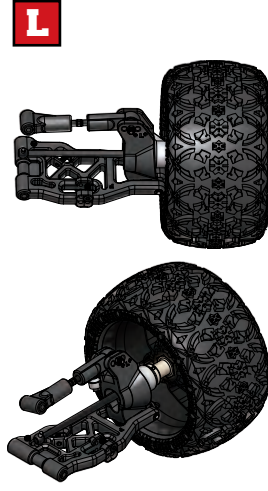
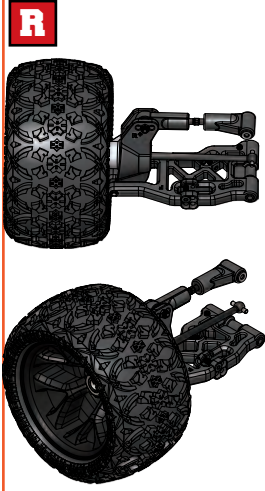


FRONT STRUCTURE

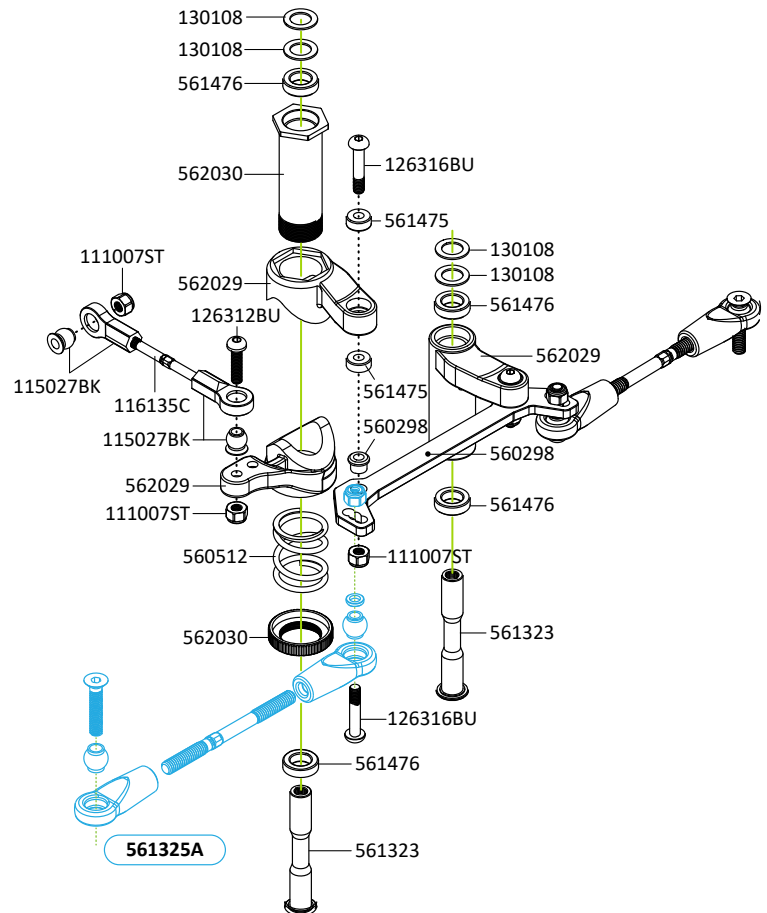
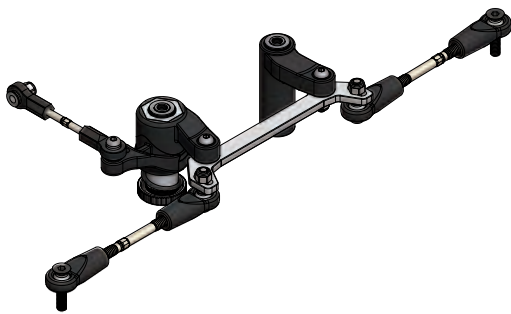
L/R Suspension Arms and Tires/ Servo Saver/ Steering System

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR

L/R
SUSPENSION ARMS / TIRES



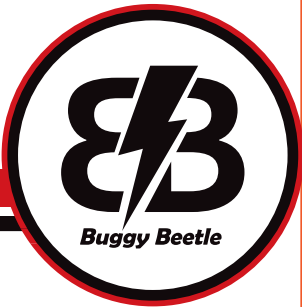
SERVO SAVER / STEERING SYSTEM



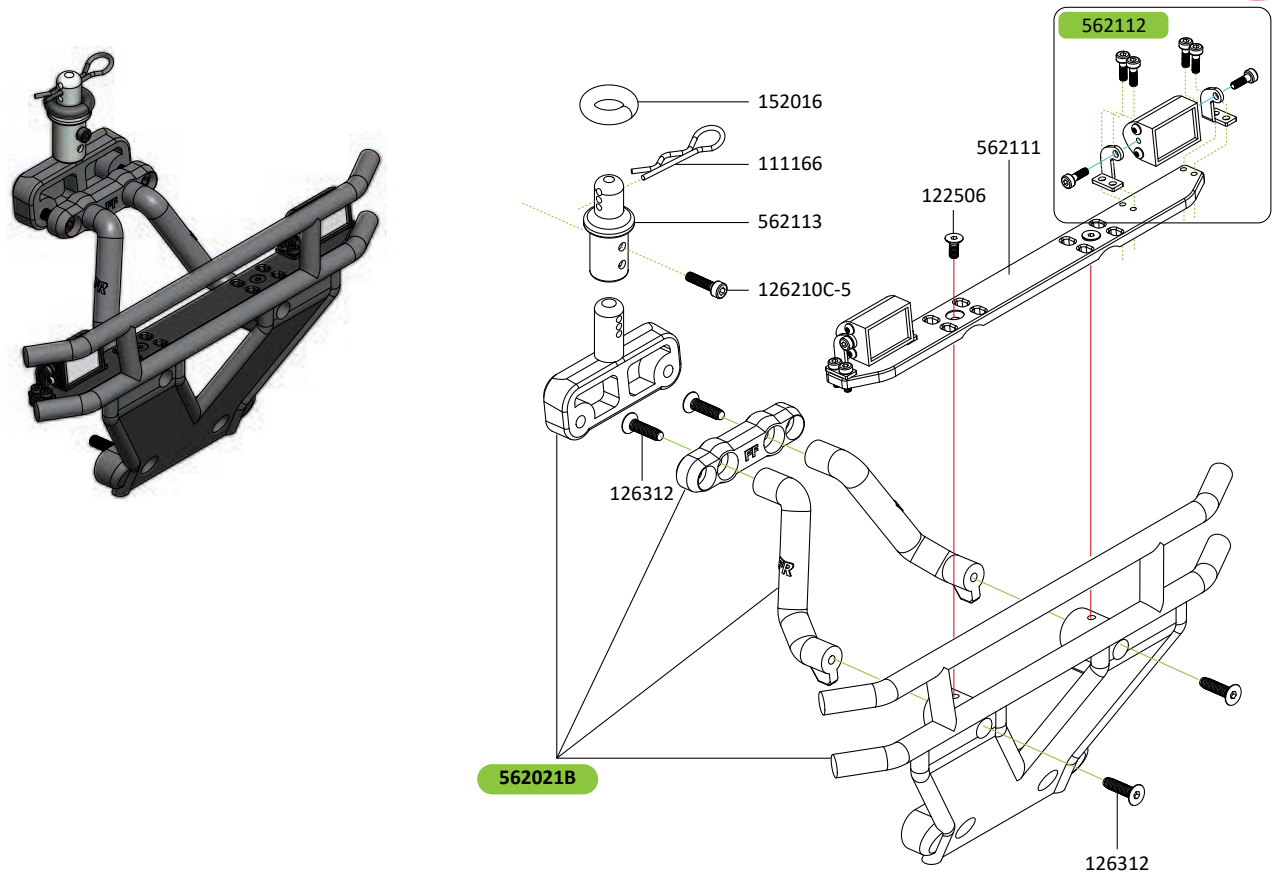
FRONT STRUCTURE

LED Headlamp Set/ Front Bumper Set

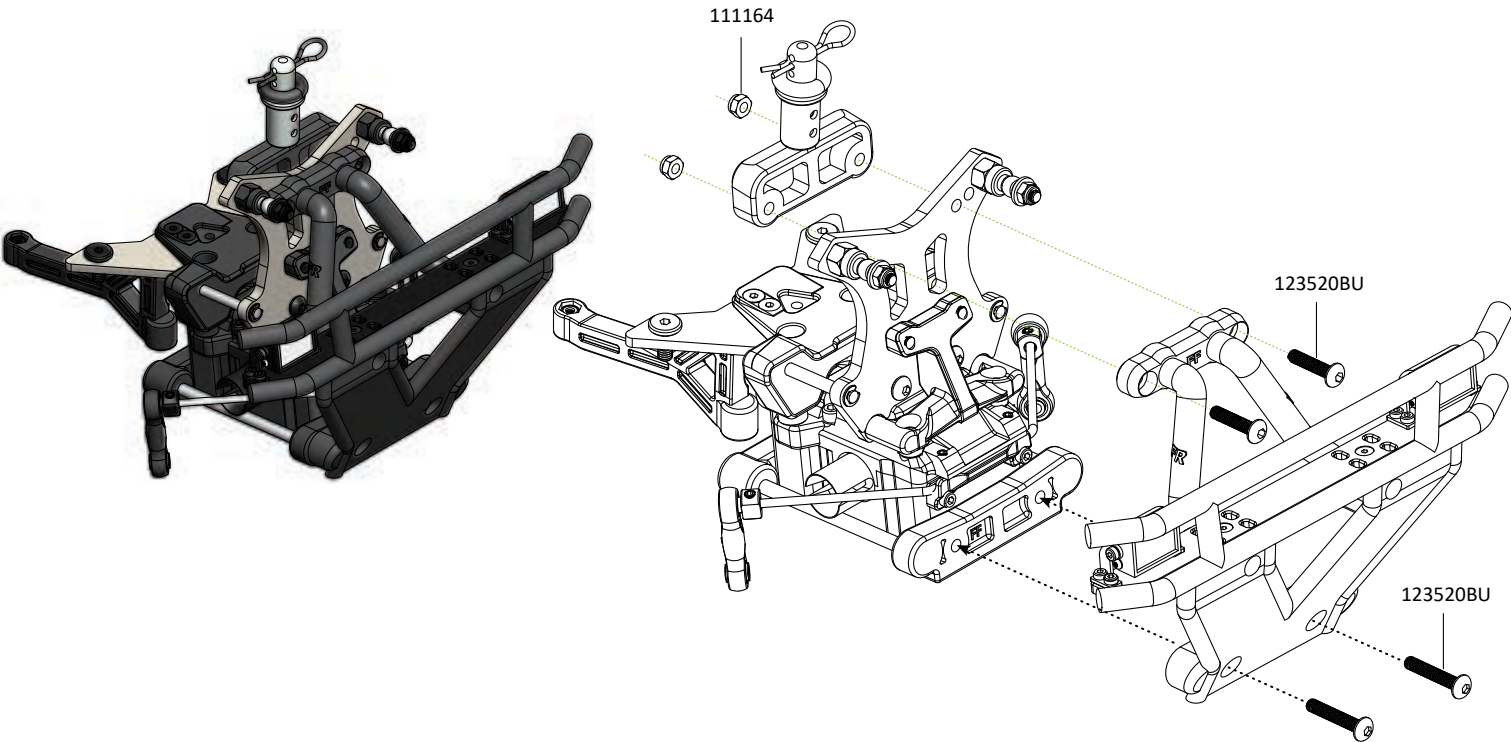
NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



LED HEADLAMP SET



FRONT BUMPER SET



FRONT STRUCTURE

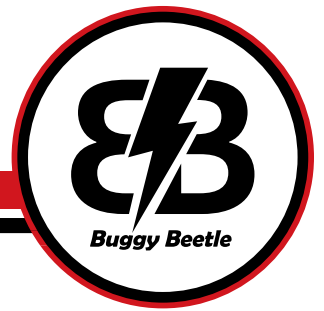
NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



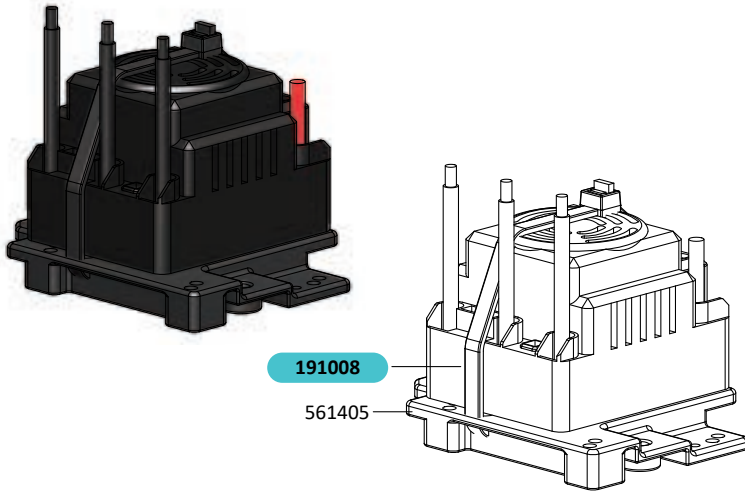
CENTER STRUCTURE

ESC/ Receiver/ Servo/ Battery Case

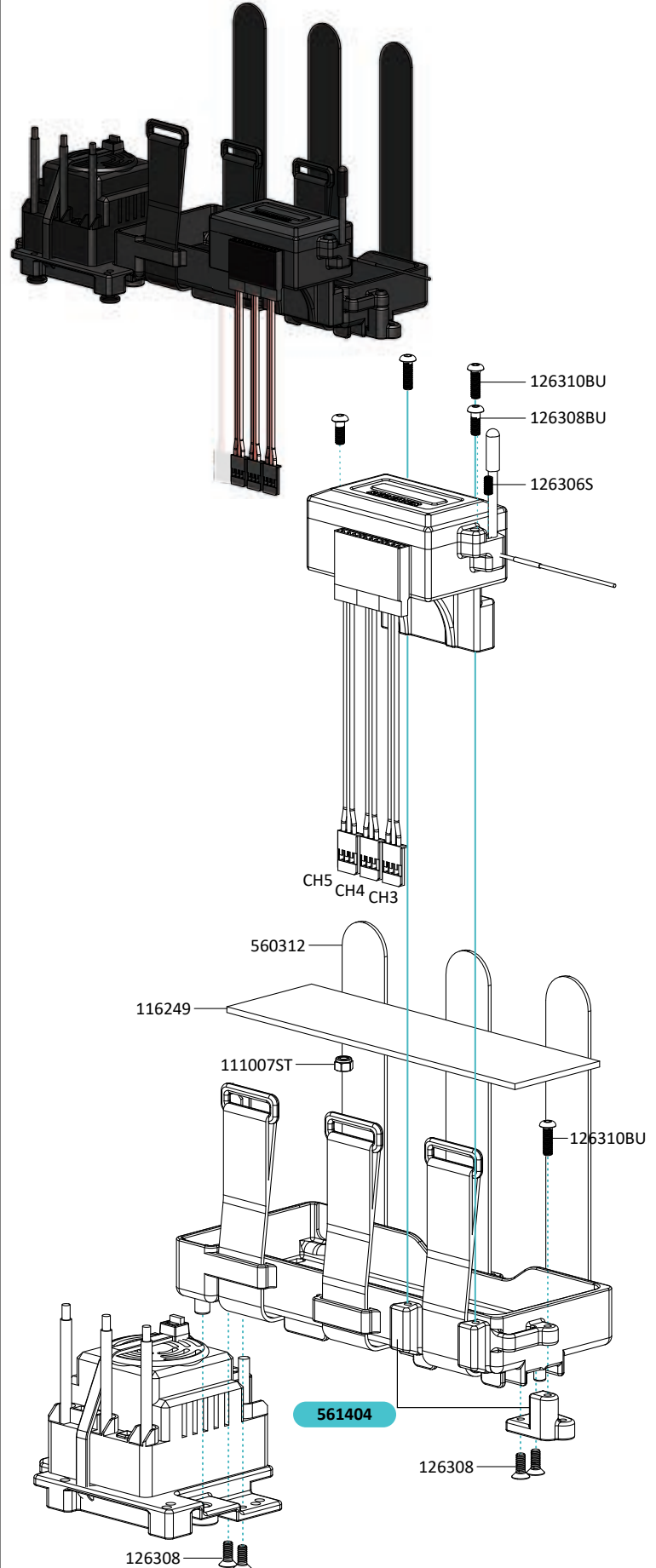
NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



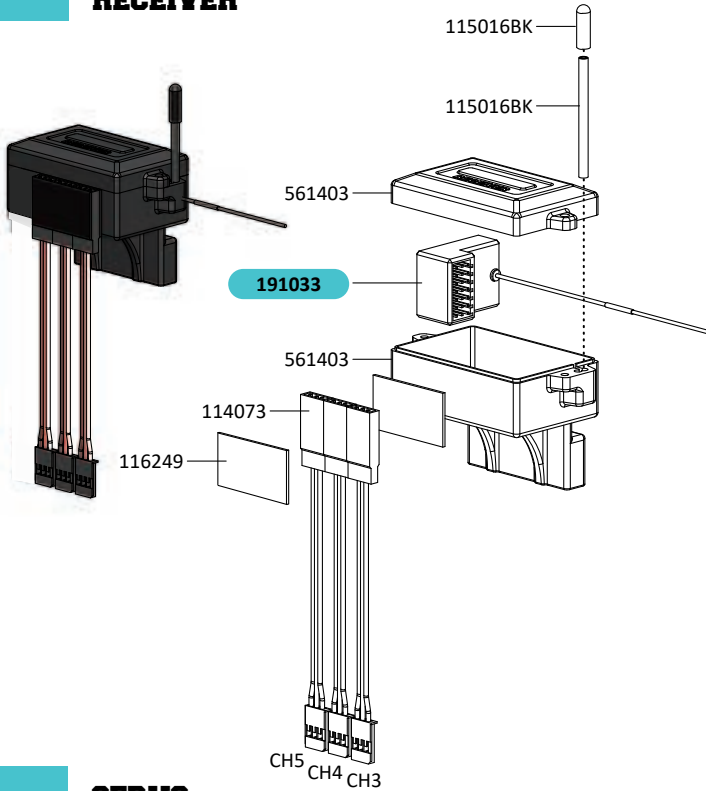
ESC



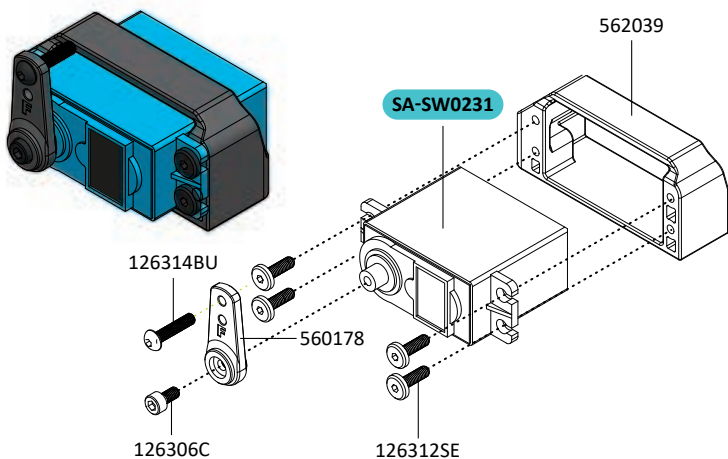
BATTERY CASE



RECEIVER



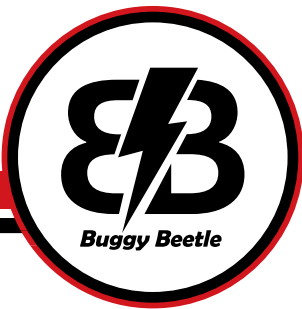
SERVO



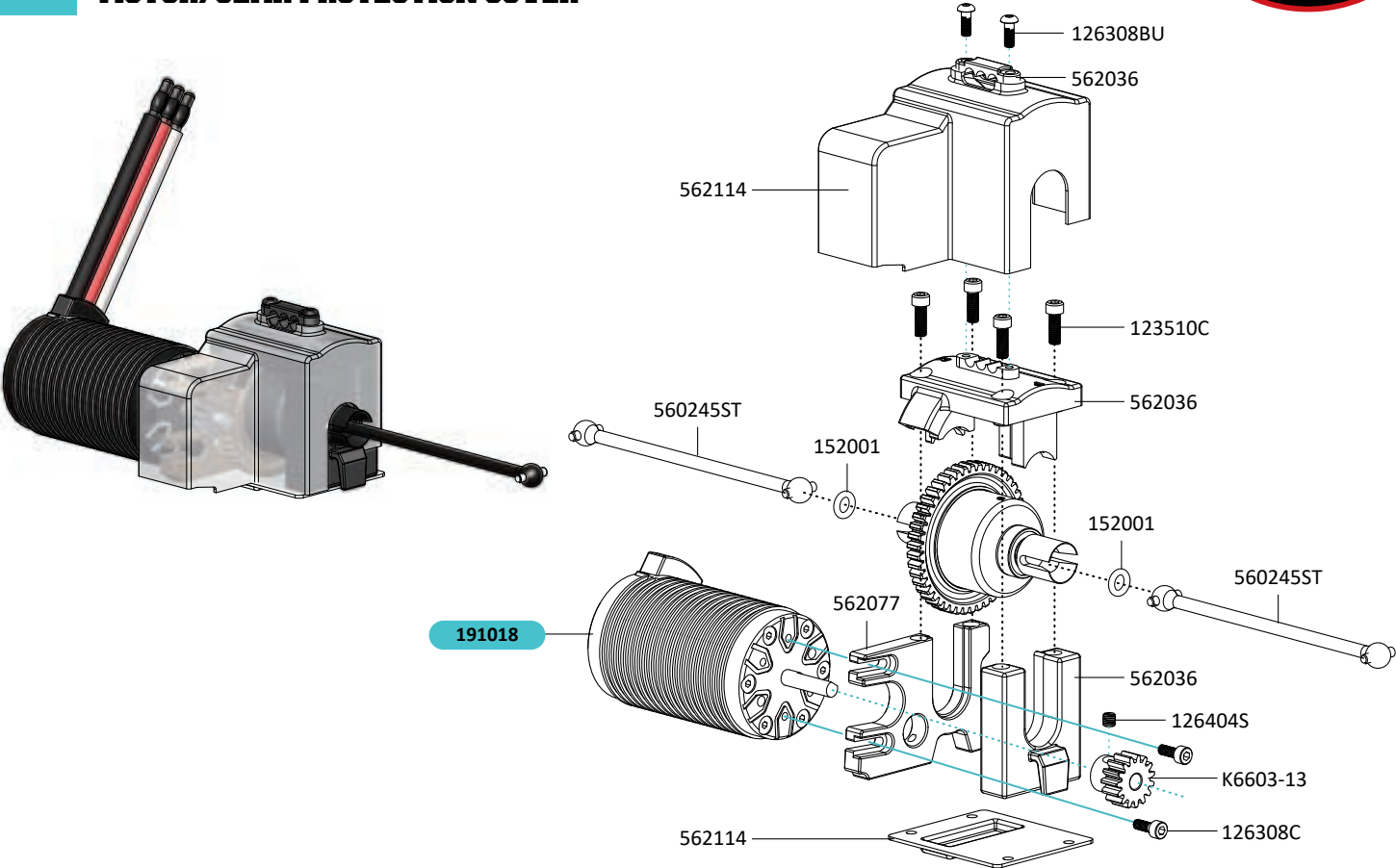
CENTER STRUCTURE

Motor/ Gear Protection Cover/ Chassis

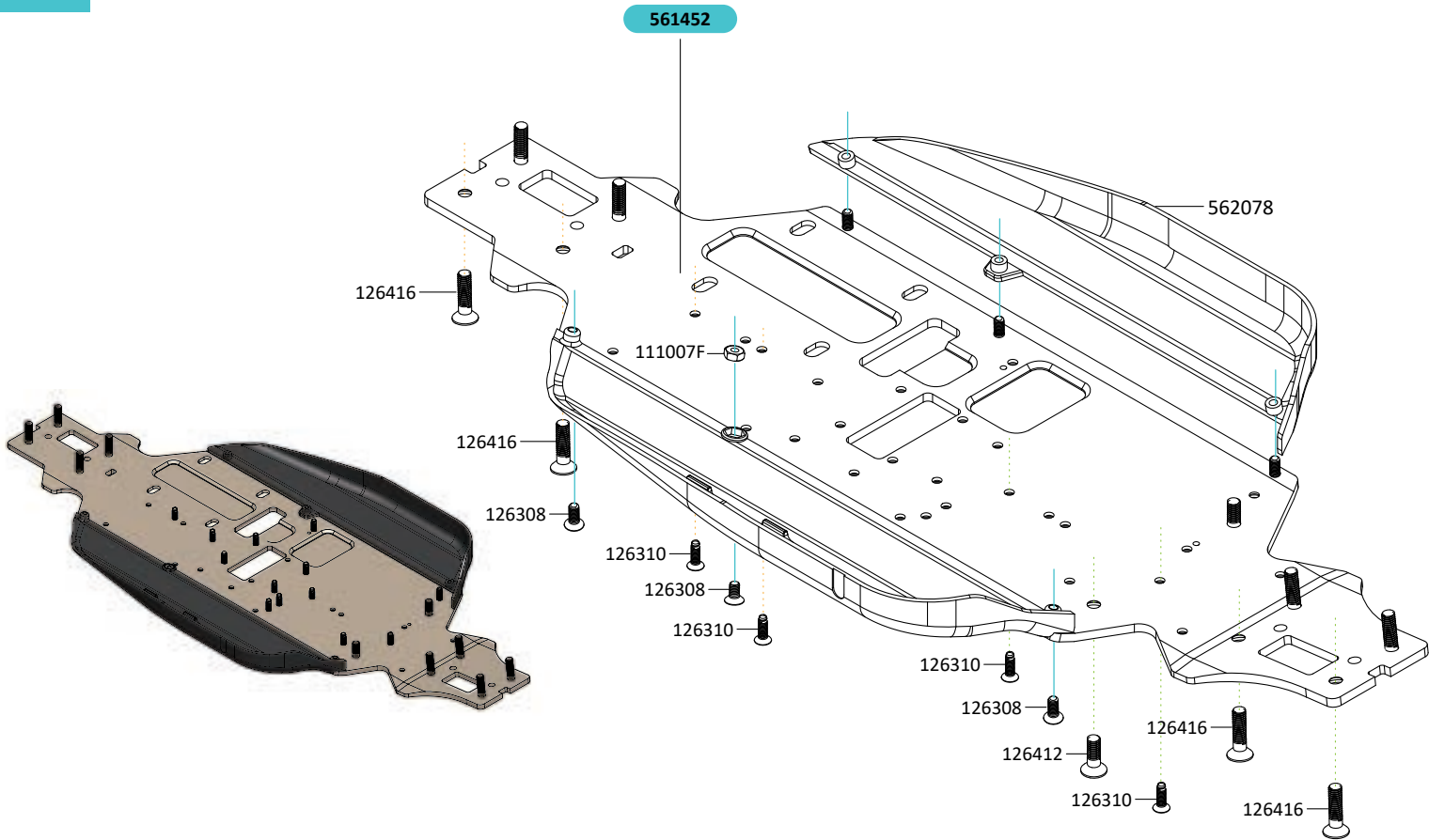
NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



MOTOR/GEAR PROTECTION COVER



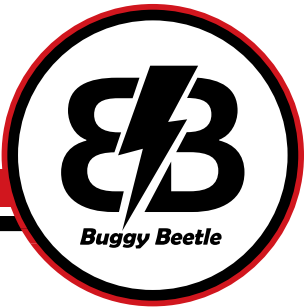
CHASSIS



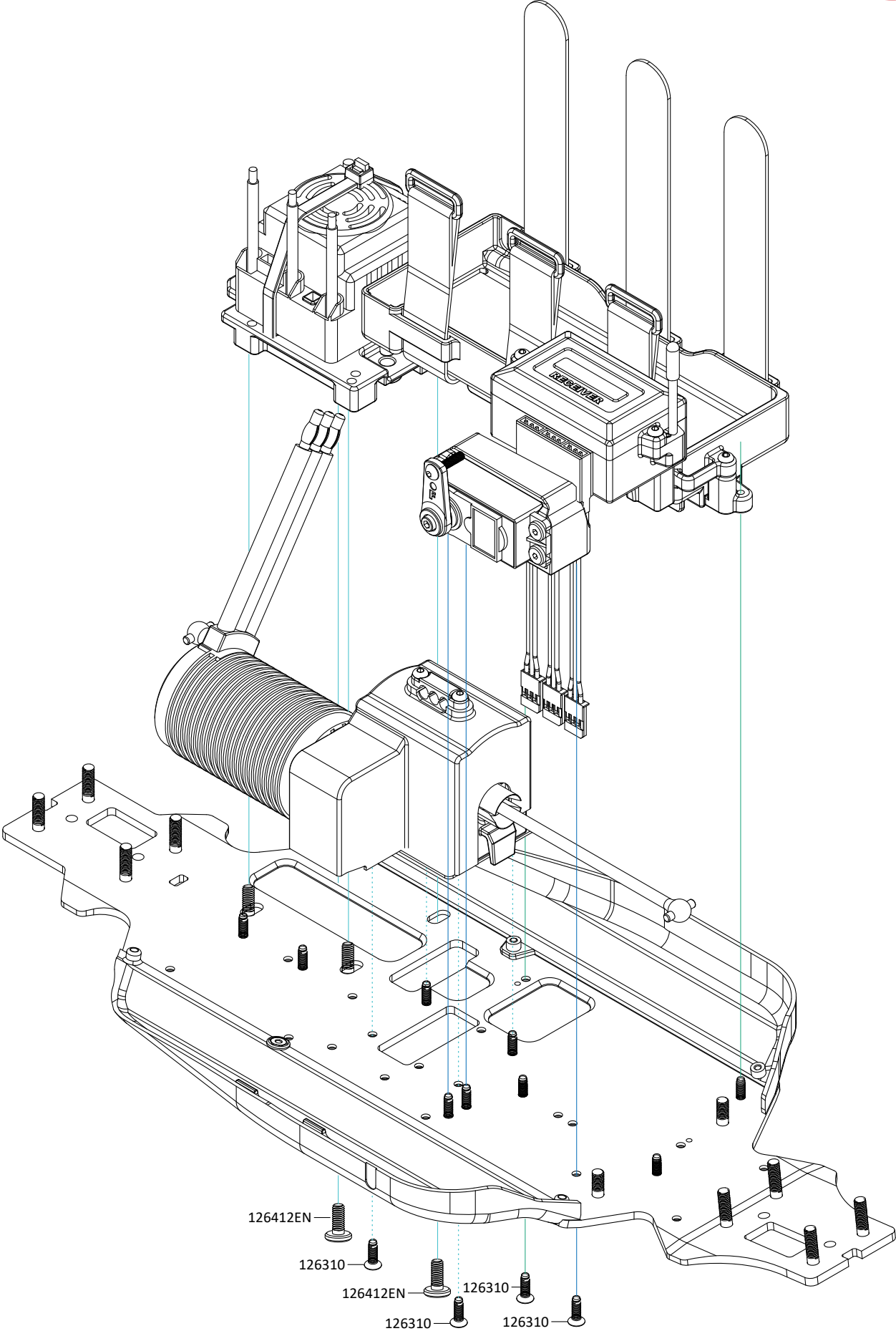
CENTER STRUCTURE

Chassis and Electronic Control Systems

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR

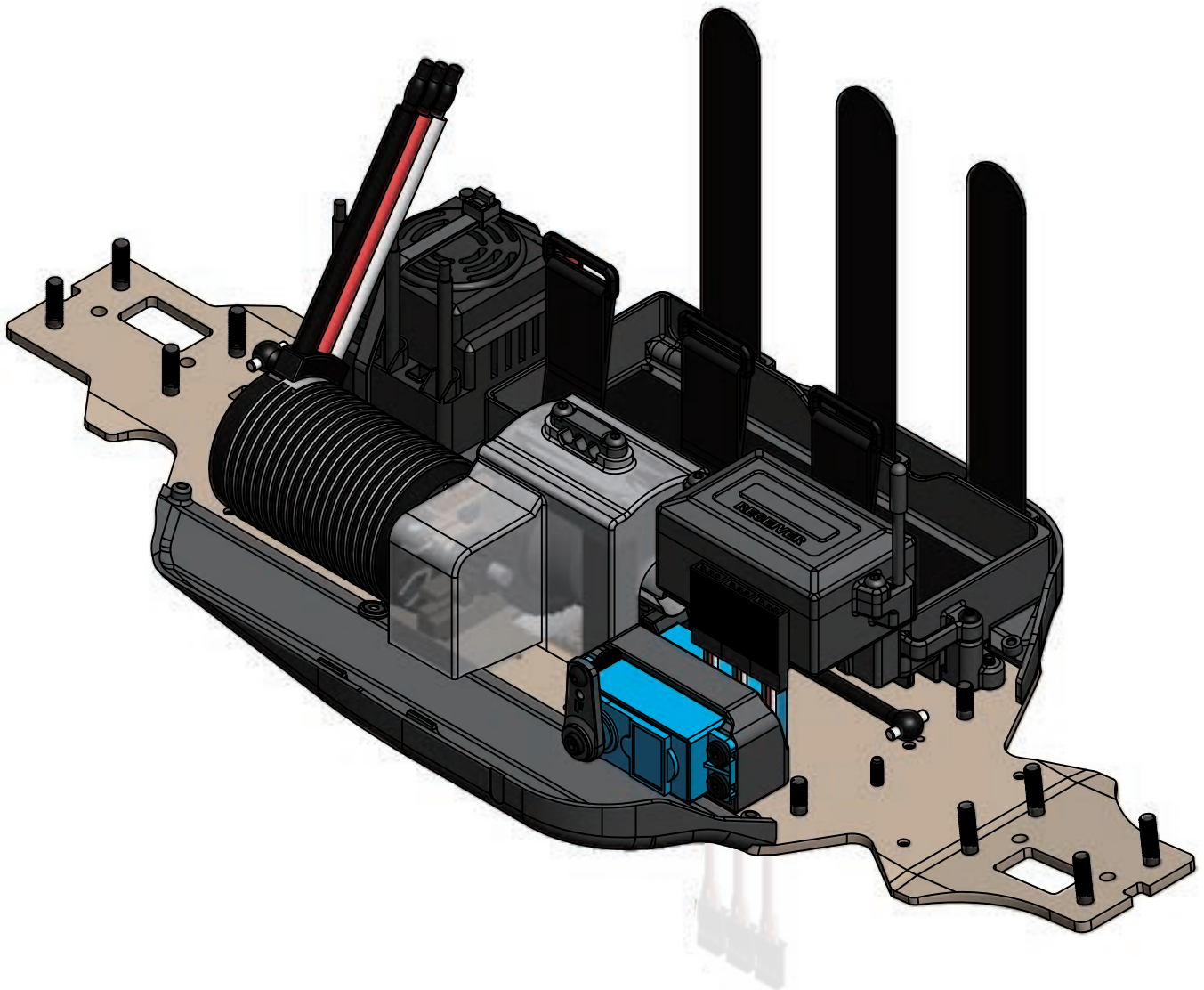
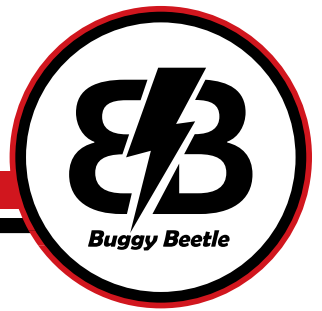


CHASSIS AND ELECTRONIC CONTROL SYSTEMS



CENTER STRUCTURE

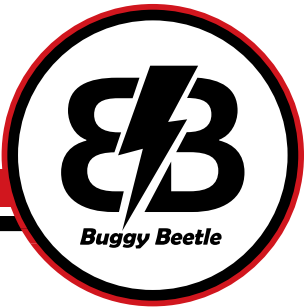
NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



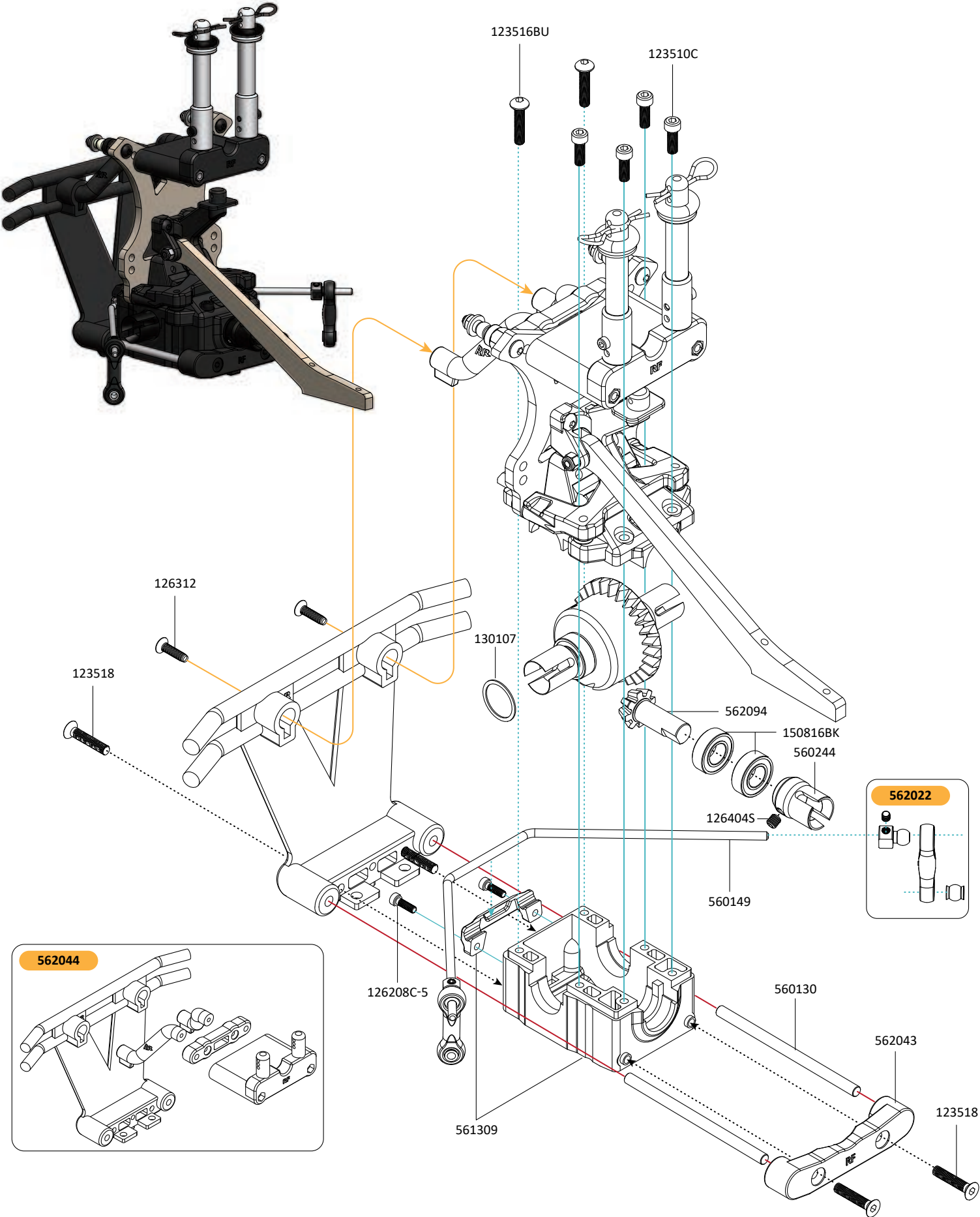
REAR STRUCTURE

Anti-Roll Bar/ Rear Bumper

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



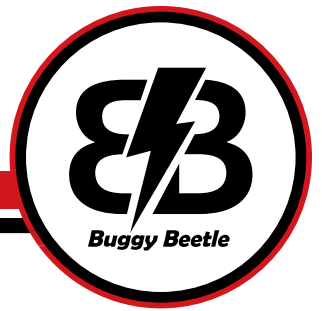
ANTI-ROLL BAR / REAR BUMPER



REAR STRUCTURE

L/R Suspension Arms and Tires/ Rear Tail Lights

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR

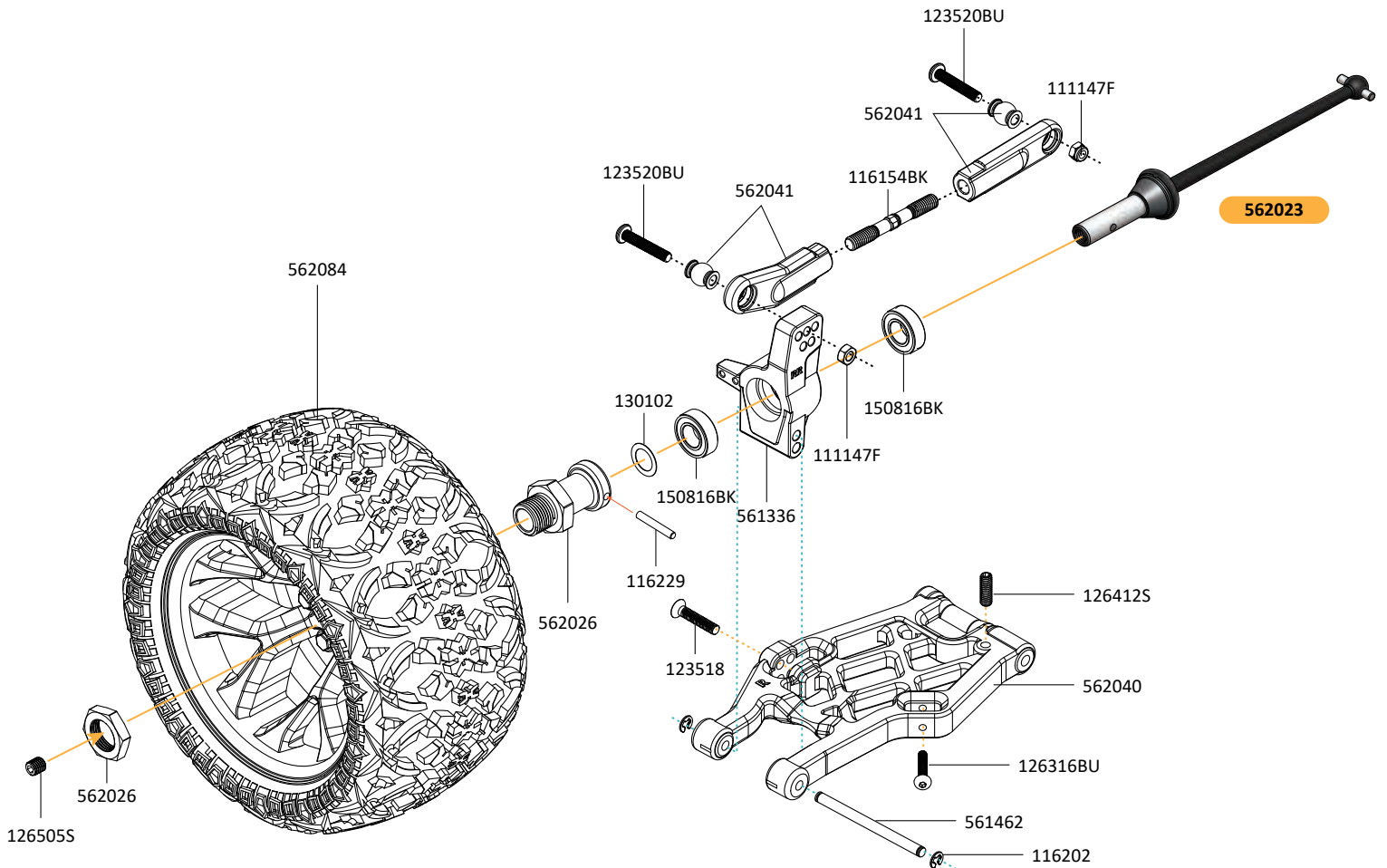


L/R SUSPENSION ARMS / TIRES

R

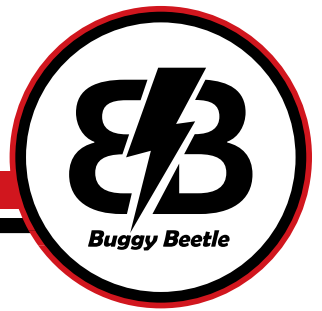


L



REAR STRUCTURE

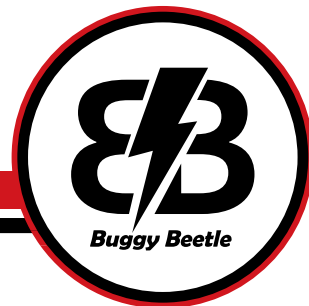
NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



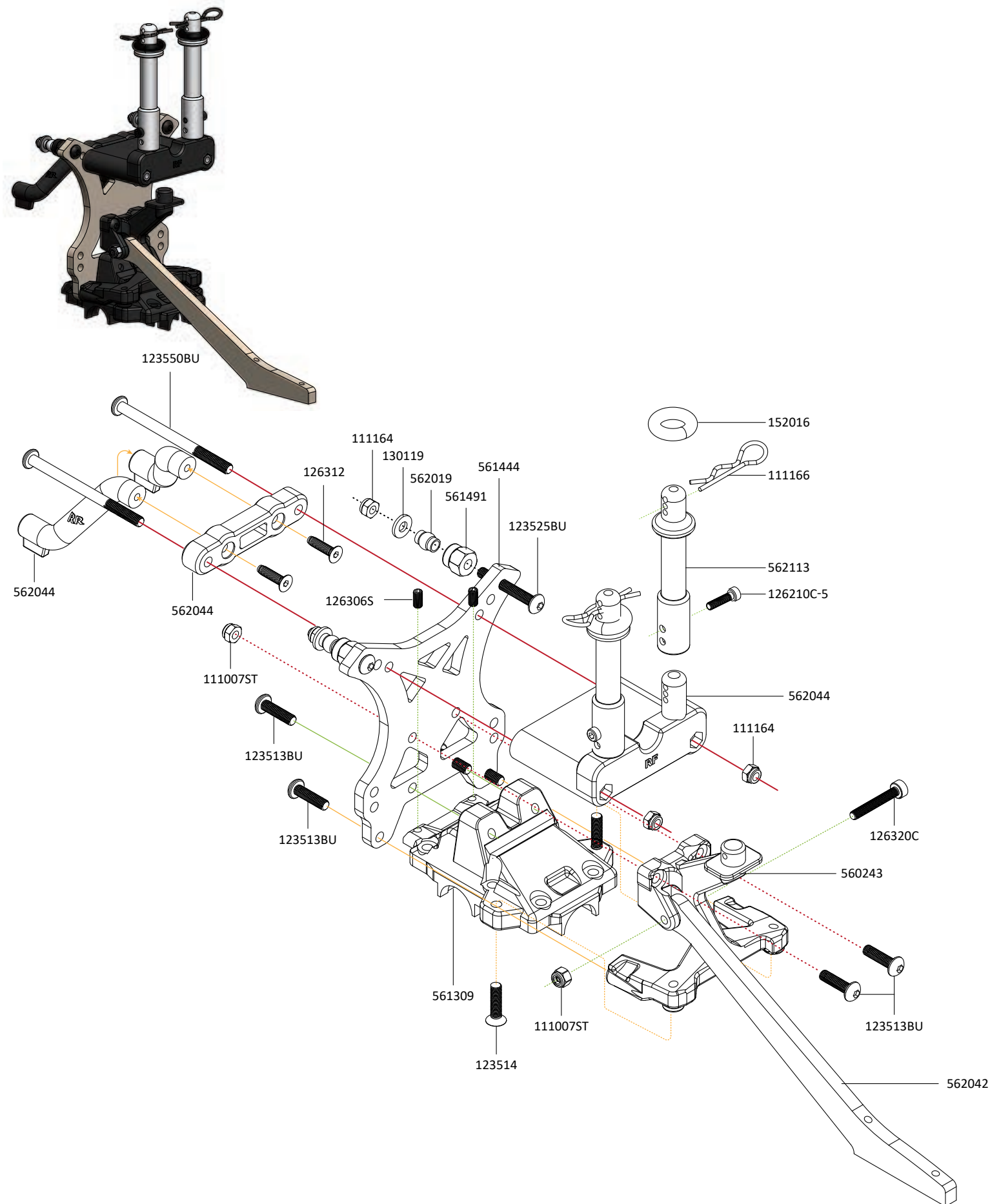
REAR STRUCTURE

Shock Tower/ Rear Stiffener

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



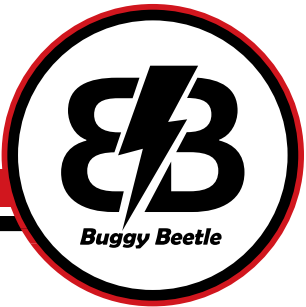
REAR STIFFENER / SHOCK TOWER



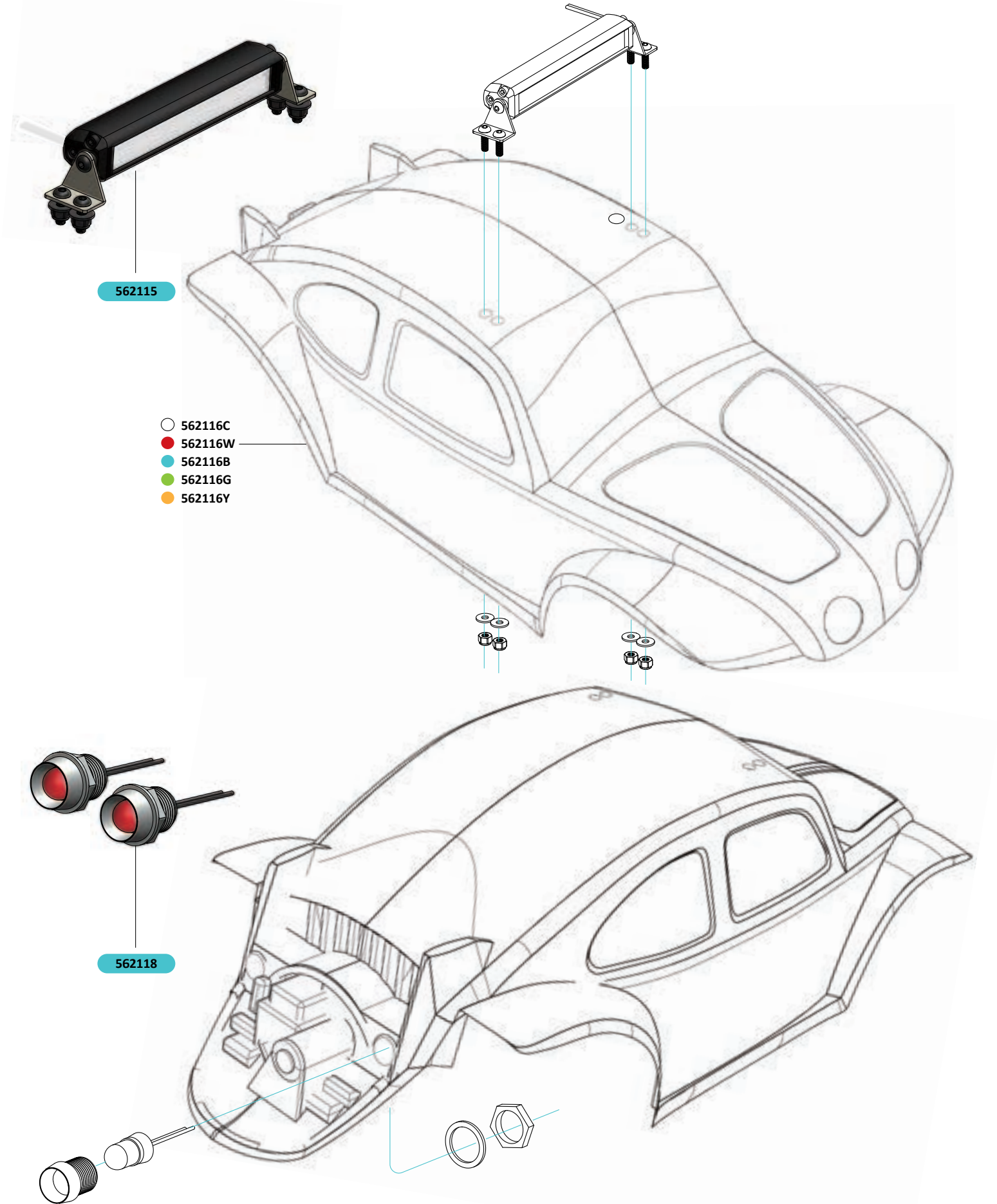
CENTER STRUCTURE

Body Shell / LED Roof Light Bar/ LED Rear Tail Light

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



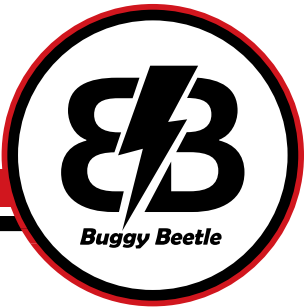
BODY SHELL / LED ROOF LIGHT BAR/ LED REAR TAIL LIGHT



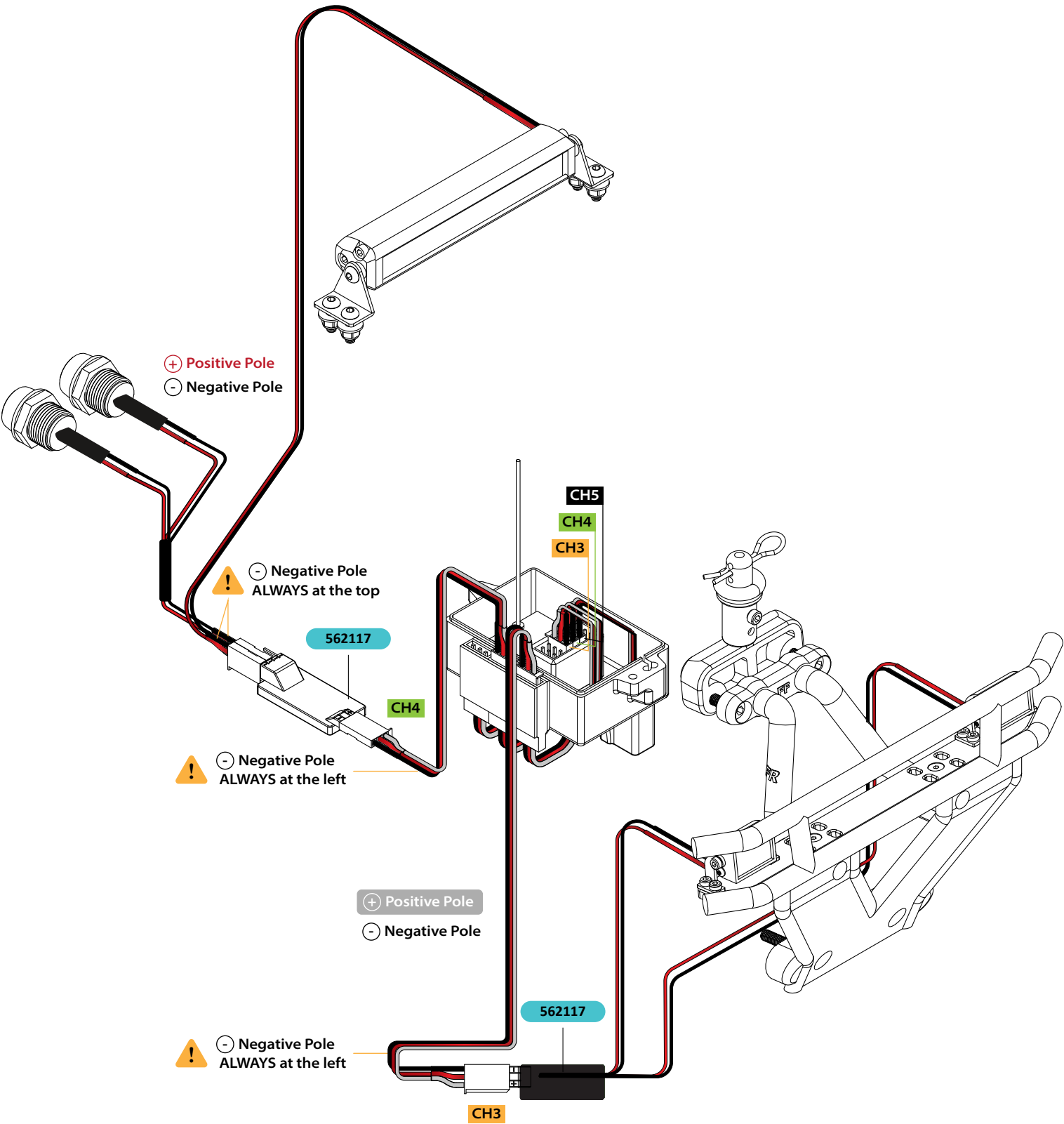
CENTER STRUCTURE

LED Light Drive Board

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



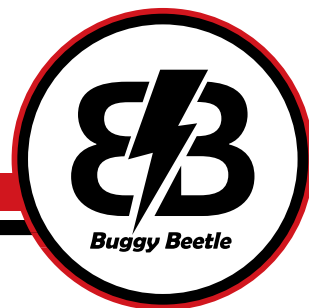
LED LIGHT DRIVE BOARD



BODY SHELL

Body Shell and LED Lighting Systems

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



BEETLE BAJA BODY AND LED LIGHTING SYSTEMS



562116W



562116Y



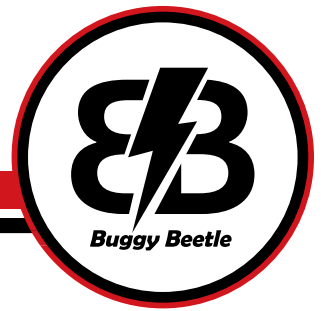
562116G



562116B

PART LIST

NO.560021 - BEETLE BAJA -1/8 EP BUGGY 3-4S RTR



NO.	ITEM DESCRIPTION	NO.	ITEM DESCRIPTION	NO.	ITEM DESCRIPTION
111007F	3mm Flat Locknut (10)	126410C	4x10mm Steel Cap Screw(6)	561455	Front Lower Arm Mount
111007ST	3mm Steel Locknut (10)	126412	4x12mm Steel F.H. Screw (6)	561462	Rear Lower Outer Hinge Pin(2)
111147F	3.5mm Steel Flat Nut (6)	126412EN	4mm Steel Flat Round Engine Mount Screw (6)	561467	Front Lower Outer Hinge Pin(2)
111164	3.5mm Lock Nut (10)	126412S	4x12mm Set Screw (6)	561469	Steering Block Carrier Bushing (4)
111166	R8 Angled Body Clip (10)	126416	4x16mm Steel FH Screw (6)	561471	Front Upper Inner Hinge Pin(2)
111167	2.6mm Lock Nut (10)	126505S	M5x5mm Set Screw(6)	561475	3x7x3mm Steel Bushing(4)
111169H	4mm Shock Shaft Bump Stop-Hard (4)	130102	8.1x12x0.2mm Shim (10)	561476	6x10x3mm Steel Bushing(4)
114073	Singal Extension Cord 12cm (2)	130107	13.2x15.9x0.5mm Shim (6)	561491	Shock Cap Bushing (4)
115016BK	Antenna Rod (2)-Black 1134-1	130108	6.05x9.5x0.5mm Shim(10)	562007B	Alum. Shock Absorber Set -Front (2)
115027BK	5.8mm Single Flanged Steel Ball & Ball End (6) Black	130117	6.2x15x0.3mm Washer (10)	562007A-1	Alum. Shock Upper Caps (2)
116006	Curved Model Scissors	130119	3.6x8x1mm Washer (10)	562007A-2	Shock Piston -POM (4)
116135C	3x50mm CR Adjustable Rod (2)	130138	3.5x7x1 Washer (10)	562007A-3	Alum. Shock Body - Front (2)
116154BK	5x40mm Hardened Adjustable Rod -BK (2)	150816BK	8x16x5mm Bearing-Black	562008B	Alum. Shock Absorber Set -Rear (2)
116202	E-clip 2.5 (10)	152001	O-RING P5(10)	562008A-1	Alum. Shock Body - Rear (2)
116229	2.5x16.8mm Pin (10)	152003	O-RING P6(10)	562011	Shock Shaft - Front (2)
116237	2.5x11.8mm Pin (10)	152015	15.5x1.5 O-RING (4)	562012	Shock Shaft - Rear (2)
116249	EVA Tape 4x14cm	152016	8x4 O-RING (4)	562013	Shock O-Ring & Washer (2)
117010	TM Black HC Nut Driver 5.5mm (for 3mm nut)	191008	THOR WP-8100 ESC for Brushless Motor (14.8V)(3-4S)	562016	Shock lower Joint (2)
117011	TM Black HC Nut Driver 7mm (for 4mm nut)	191018	THOR 4068 Brushless Motor 2500KV (14.8V)	562019	Shock Pivot Ball 5.8mm (4)
117024	TM Black HC Philips Screw Driver (4mm)	191032	THOR MG-6 2.4G Transmitter w/Receiver	562021B	Front Bumper Set
117030	TM Black HC Body Reamer (0~18mm)	191033	THOR RD-6 Receiver	562022	Anti-Roll Bar Linkage Joints (2)
117032	Circlip Plier	505113	Differential Case Gasket (4)	562023	CVA Joints (2)
117057-1	TM RC Hex Wrench 1.5mm	505114	Differential Bevel Gear Set (for 1 diff)	562023L	CVA Joints +1mm (2)
117057-2	TM RC Hex Wrench 2.0mm	505115	Differential Bevel Shaft (2)	562024	Front Lower Arm(2)
117057-3	TM RC Hex Wrench 2.5mm	505116	Bevel Gear Case	562025	Steering Block (2)
117057-4	TM RC Hex Wrench 3.0mm	505241	Differential Quadrangle Shim (4)	562026	Wheel Adapter Set (2)
122506	M2.5X6mm FH Screw(10)	560117	Front Anti-Roll Bar 2.4mm	562028	Front Upper Arm Set (2)
123510C	3.5x10mm Steel Cap Screw (6)	560130	ST Steel 4x68.8mm Hinge Pin (2)	562029	Servo Saver Nylon Parts
123513BU	3.5x13mm Steel Button Head Screw (6)	560149	Rear Anti-Roll Bar 2.8mm	562030	Servo Saver Spring Holder
123514	3.5x14mm Steel FH Screw (6)	560178	Servo Arm (Futaba) (2)	562036	Center Differential Mount
123516BU	3.5x16mm Steel BH Screw (6)	560243	Rear Body Mount	562039	Servo Mount
123518	3.5x18mm Steel FH Screw (6)	560244	ST Steel Small Bevel Gear Outdrive (2)	562040	Rear Lower Arm(2)
123520BU	3.5x20mm Steel BH Screw (6)	560245ST	ST Steel Center Drive Shaft (2)	562041	Rear Upper Arm Set (2)
123525BU	3.5x25mm Steel BH Screw (6)	560270	Front 18x66mm Shock Spring (2) White K=1.2	562042	Rear Stiffener
123550BU	3.5x50mm Steel BH Screw (6)	560271	Rear 18x86mm Shock Spring (2) White K=1.0	562043	Rear Bottom Arm Hinge Pin Mount
126208C-5	2.5x8mm Steel Cap Screw (6)	560298	Steering Linkage Set	562044	Rear Bumper Set
126210C-5	2.5x10mm Steel Cap Screw (6)	560312	Velcro Battery Straps (2)	562077	Motor Mount-Quick Release
126303S	3x3mm Set Screw (6)	560512	Servo Saver Spring (K=2.0) Black	562078	Side Guard
126306C	3x6mm Cap Screw (6)	561202	Shock Bladder (4)	562084	High Performance All-Terrain Tires (2)
126306S	3x6mm Set Screw (6)	561307	Front Shock Tower Stiffener	562091	Complete Differential Set (F/R)
126308	3x8mm Steel F.H. Screw (6)	561309	Front & Rear Diff Gear Box (1 set)	562092	Center Differential Set
126308BU	3x8mm Steel Button Head Screw (6)	561321	Caster Block (1 pair)	562093	Differential Outdrive (2)
126308C	3x8mm Steel Cap Screw (6)	561323	Servo Saver Post (2)	562094	CNC Machined Bevel Gears -26T/8T
126310	3x10mm Steel F.H. Screw (6)	561325A	Steering Rod Nylon Ball & Ball End Set	562095	46T Main Gear
126310BU	3x10mm Button Head Screw (6)	561336	Rear Hub Carrier & Mud Sweeper	562111	Headlamp Mount
126312	3x12mm Steel F.H. Screw (6)	561403	Receiver Box	562112	LED Headlamp
126312BU	3x12mm Button Head Screw (6)	561404	Battery Box	562113	Alum. Extension Body Post (1+2)
126312SE	3x12mm Steel Flat Round Servo Mount Screw (6)	561405	ESC Mount	562114	Gear Protection Cover
126314	3x14mm Steel FH Screw (6)	561440	Triangle Plate (Front)	562115	LED Roof Light Bar
126314BU	3x14mm Button Head Screw (6)	561441	Front Stiffener	562116C	Beetle Baja Body (Clear)
126316BU	M3X16mm BH Screw(10)	561442	Front Upper Arm Mount	562116B	Beetle Baja Body (Blue)
126320C	3x20mm Cap Screw (6)	561443	Front Shock Tower	562116G	Beetle Baja Body (Green)
126404S	4x4mm Set Screw (6)	561444	Rear Shock Tower	562116W	Beetle Baja Body (White)
		561452	Chassis	562116Y	Beetle Baja Body (Yellow)
				562117	LED Light Drive Board
				562118	LED Rear Tail Light
				K6310-900	K Factory Shock Oil 70ml #900
				K6310-1000	K Factory Shock Oil 70ml #1000
				K6330B-1000	K Factory Diff Oil 70ml #1000
				K6330-5000	K Factory Diff Oil 40ml #5000
				K6330-7000	K Factory Diff Oil 40ml #7000
				K6602-13	M1.0 Pinion Gear for 5mm Shaft 13T
				SA-SW0231	SW-0231 Waterproof Servo



DE:
Garantiehinweise | Informations sur la garantie | Warranty information

Genauere Informationen zu den Produktfunktionen und Einstellungen finden Sie im Benutzerhandbuch.

Beachten Sie alle Warn -und Sicherheitshinweise, die Sie mit diesem Fahrzeug bekommen. Bei Nichtbeachtung dieser Hinweisweise erlischt die Gewährleistung mit sofortiger Wirkung.

Das Produkt muss sofort nach Erhalt nach dessen Vollständigkeit und nach Mängeln kontrolliert werden. Bitte kontaktieren Sie sofort Ihren Fachhändler oder Onlinehändler, falls offensichtliche Mängel oder fehlende Teile gefunden werden. Bei verdeckten Mängeln kontaktieren Sie bitte sofort, nach deren Entdeckung, Ihren Fachhändler oder On-linehändler.

Offensichtliche Mängel sind alle Mängel, die nach Erhalt des Produktes, entdeckt werden können. Zu verdeckten Mängel gehören Mängel, die erst zu einem späteren Zeitpunkt (z. B. bei Benutzung) entdeckt werden können.

Diese Garantie deckt nicht den Schaden in Folge falscher Installation oder Verschleiss durch Gebrauch, sowie Schaden durch falsche Anwendung. Es wird keine Haftung für Folgeschaden übernommen. Bei Anwendung übernimmt der Verbraucher die volle Verantwortung. Zur falschen Anwendung zählen:

1. Anleitung nicht korrekt befolgt. Fehler in der Anwendung.
2. Mechanischer Schaden durch äussere Einwirkung.
3. Zerlegung, Modifizierung durch den Benutzer (Stecker, Kabeln, usw.).
4. Ungeeigneter Gebrauch des Produktes.
5. Überspannung oder Überhitzung.
6. Die Benutzung im Schnee, Wasser, Sand, Kieselsteine oder extreme Temperaturen.
7. Trocknen Sie das Fahrzeug nach Gebrauch ordnungsgemäss, sodass kein Rost entsteht.
8. Reinigen Sie die Kugellager regelmässig.
9. Benutzen Sie nur Akkus von HRC Racing oder Team Magic mit der richtigen Spannung.
10. Lassen Sie das Fahrzeug und dessen Teile nicht fallen.
11. Benutzen Sie nur von HRC Racing oder Team Magic spezifiziertes Zubehör und Teile.
12. Stellen Sie sicher, dass keine Teile am Fahrzeug fehlen oder defekt sind.
13. Reinigen Sie das ganze Fahrzeug von Erde, Steinen, Sand, Kieselsteine, Hölzer, Blätter und Feuchtigkeit nach jedem Gebrauch und schmieren Sie anschliessend Gelenke und Getriebeteile.

Die Modelle sind für den normalen Strasseneinsatz bestimmt. Offroad fahren & hohe Sprünge & Unfälle u.a. auf eigene Gefahr, denn dies birgt Risiken und setzen die Modelle z.T. übermässigen Belastungen aus, deshalb kann der Hersteller/Lieferant unter diesen Voraussetzungen keine Gewährleistung für Schäden übernehmen. Die Schäden resultierend aus Offroad fahren & hohe Sprünge & Unfälle u.a. entstehen durch erhöhten Verschleiss und der Hersteller übernimmt hierfür keine Gewährleistung. Reifen können bei zu hoher Drehzahl reissen (erhöhter Verschleiss). Das Beschleunigen ohne Bodenkontakt wie z. B. das Fahren auf rutschigen Untergründen kann ebenfalls zu zu hoher Drehzahl und somit zu erhöhtem Verschleiss führen. Die Hauptursache für Reifenschäden sind zu hohe Drehzahl und Fremdeinwirkung. Der Hersteller gibt in solchen Fällen keine Gewährleistung auf gerissene oder geplatzte Reifen.

Wir garantieren Ihnen während der gesetzlichen Garantiezeit, dass dieses Produkt frei von Fabrikationsfehlern ist. In dieser Zeit werden wir es im Falle von offensichtlichen Herstellerfehlern kostenlos reparieren oder ersetzen. Für Garantieansprüche wenden Sie sich bitte an den Verkäufer. Sie benötigen hierfür einen Kaufbeleg.

Dies ist ein Modellbauartikel. Schrauben gehört zum Spass dazu. Selbstverständlich erlischt die Gewährleistung nicht, wenn Sie das Modell sorgfältig und ordnungsgemäss zerlegen oder zusammenbauen. Falls ein Defekt infolge eines Herstellerfehlers vorliegt sollte, senden Sie bitte eine E-Mailanfrage mit umfangreichem Bildmaterial an Ihren Händler. So kann Ihre Anfrage in der Regel effizient und rasch bearbeitet werden.

Nun wünschen wir Ihnen viel Spass!

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Pour des informations plus détaillées sur les caractéristiques et les paramètres du produit, consultez le manuel d'utilisation.

Respectez tous les avertissements et les consignes de sécurité fournis avec ce véhicule. Le non-respect de ces instructions invalide la garantie avec effet immédiat.

Le produit doit être contrôlé pour vérifier qu'il est complet et qu'il ne présente pas de défauts dès sa réception. Veuillez contacter immédiatement votre revendeur ou votre détaillant en ligne si vous constatez des défauts évidents ou des pièces manquantes. En cas de vices cachés, veuillez contacter votre revendeur ou détaillant en ligne immédiatement après les avoir découverts.

Les défauts évidents sont tous les défauts qui peuvent être découverts après la réception du produit. Les défauts cachés comprennent les défauts qui ne peuvent être découverts qu'à une date ultérieure (par exemple lors de l'utilisation).

Cette garantie ne couvre pas les dommages résultant d'une mauvaise installation ou de l'usure due à l'utilisation, ni les dommages résultant d'une mauvaise application. Aucune responsabilité n'est acceptée pour les dommages consécutifs. En cas de demande, le consommateur assume l'entière responsabilité. L'abus comprend :

1. Instructions non suivies correctement. Erreurs dans l'application.
2. Les dommages mécaniques dus à une influence extérieure.
3. Le démontage, la modification par l'utilisateur (prises, câbles, etc.).
4. L'utilisation inappropriée du produit.
5. Surtension ou surchauffe.
6. Utilisation dans la neige, l'eau, le sable, les cailloux ou les températures extrêmes.
7. De sécher correctement le véhicule après utilisation afin d'éviter la formation de rouille.
8. Nettoyez régulièrement les roulements à billes.
9. N'utilisez que des batteries HRC Racing ou Team Magic ayant le bon voltage.
10. Ne laissez pas tomber le véhicule ou ses pièces.
11. N'utilisez que les accessoires et pièces spécifiés par le HRC Racing ou Team Magic.
12. S'assurer qu'aucune pièce n'est manquante ou défectueuse sur le véhicule.
13. Nettoyez la terre, les pierres, le sable, les cailloux, le bois, les feuilles et l'humidité du véhicule après chaque utilisation et lubrifiez les joints et les pièces de transmission.

Les modèles sont destinés à un usage routier normal. La conduite hors route, les sauts en hauteur et les accidents, etc. sont à vos risques et périls, car cela implique des risques et expose parfois les modèles à des charges excessives, c'est pourquoi le fabricant/fournisseur ne peut accepter aucune garantie pour les dommages dans ces conditions. Les dommages résultant de la conduite hors route, des sauts en hauteur et des accidents, etc. sont causés par une usure accrue et le fabricant n'accepte aucune garantie à cet égard. Les pneus peuvent se déchirer à une vitesse trop élevée (usure accrue). L'accélération sans contact avec le sol, comme la conduite sur des surfaces glissantes, peut également entraîner une vitesse excessive et donc une usure accrue. Les principales causes d'endommagement des pneus sont la vitesse excessive et les influences extérieures. Dans ce cas, le fabricant ne donne aucune garantie pour les pneus fissurés ou éclatés.

Pendant la période de garantie légale, nous garantissons que ce produit est exempt de tout défaut de fabrication. Pendant cette période, nous le réparerons ou le remplacerons gratuitement en cas de défauts évidents du fabricant. Pour les demandes de garantie, veuillez contacter le vendeur. Vous aurez besoin d'une preuve d'achat.

Il s'agit d'un modèle de construction. Visser fait partie du plaisir. Bien entendu, la garantie ne sera pas annulée si vous démontez ou remontez le modèle avec soin et dans les règles. Si un défaut est dû à la faute d'un fabricant, veuillez envoyer une demande de renseignements par courrier électronique à votre revendeur, accompagnée de nombreuses photos. De cette manière, votre demande peut généralement être traitée efficacement et rapidement.

Maintenant, nous vous souhaitons beaucoup de plaisir !

(DE) **Elektro- und Elektronikgeräte Informationen für private Haushalte** Hersteller-Informationen gemäß § 18 Abs. 4 ElektroG (neu) **1.** Getrennte Erfassung von Altgeräten Elektro- und Elektronikgeräte, die zu Abfall geworden sind, werden als Altgeräte bezeichnet. Besitzer von Altgeräten haben diese einer vom unsortierten Siedlungsabfall getrennten Erfassung zuzuführen. Altgeräte gehören insbesondere nicht in den Hausmüll, sondern in spezielle Sammel- und Rückgabesysteme. **2.** Batterien und Akkus sowie Lampen Besitzer von Altgeräten haben Altbatterien und Alttakkumulatoren, die nicht vom Altgerät umschlossen sind, sowie Lampen, die zerstörungsfrei aus dem Altgerät entnommen werden können, im Regelfall vor der Abgabe an einer Erfassungsstelle vom Altgerät zu trennen. Dies gilt nicht, soweit Altgeräte einer Vorbereitung zur Wiederverwendung unter Beteiligung eines öffentlich-rechtlichen Entsorgungsträgers zugeführt werden. **3.** Möglichkeiten der Rückgabe von Altgeräten Besitzer von Altgeräten aus privaten Haushalten können diese bei den Sammelstellen der öffentlich-rechtlichen Entsorgungsträger oder bei den von Herstellern oder Vertreibern im Sinne des ElektroG eingerichteten Rücknahmestellen unentgeltlich abgeben. Rücknahmepflichtig sind Geschäfte mit einer Verkaufsfläche von mindestens 400 m² für Elektro- und Elektronikgeräte sowie diejenigen Lebensmittelgeschäfte mit einer Gesamtverkaufsfläche von mindestens 800 m², die mehrmals pro Jahr oder dauerhaft Elektro- und Elektronikgeräte anbieten und auf dem Markt bereitstellen. Dies gilt auch bei Vertrieb unter Verwendung von Fernkommunikationsmitteln, wenn die Lager- und Versandflächen für Elektro- und Elektronikgeräte mindestens 400 m² betragen oder die gesamten Lager- und Versandflächen mindestens 800 m² betragen. Vertreiber haben die Rücknahme grundsätzlich durch geeignete Rückgabemöglichkeiten in zumutbarer Entfernung zum jeweiligen Endnutzer zu gewährleisten. Die Möglichkeit der unentgeltlichen Rückgabe eines Altgerätes besteht bei rücknahmepflichtigen Vertreibern unter anderem dann, wenn ein neues gleichartiges Gerät, das im Wesentlichen die gleichen Funktionen erfüllt, an einen Endnutzer abgegeben wird. Wenn ein neues Gerät an einen privaten Haushalt ausgeliefert wird, kann das gleichartige Altgerät auch dort zur unentgeltlichen Abholung übergeben werden; dies gilt bei einem Vertrieb unter Verwendung von Fernkommunikationsmitteln für Geräte der Kategorien 1, 2 oder 4 gemäß § 2 Abs. 1 ElektroG, nämlich „Wärmeüberträger“, „Bildschirmgeräte“ oder „Großgeräte“ (letztere mit mindestens einer äußeren Abmessung über 50 Zentimeter). Zu einer entsprechenden Rückgabe-Absicht werden Endnutzer beim Abschluss eines Kaufvertrages befragt. Außerdem besteht die Möglichkeit der unentgeltlichen Rückgabe bei Sammelstellen der Vertreiber unabhängig vom Kauf eines neuen Gerätes für solche Altgeräte, die in keiner äußeren Abmessung größer als 25 Zentimeter sind, und zwar beschränkt auf drei Altgeräte pro Geräteart. **4.** Datenschutz-Hinweis Altgeräte enthalten häufig sensible personenbezogene Daten. Dies gilt insbesondere für Geräte der Informations- und Telekommunikationstechnik wie Computer und Smartphones. Bitte beachten Sie in Ihrem eigenen Interesse, dass für die Löschung der Daten auf den zu entsorgenden Altgeräten jeder Endnutzer selbst verantwortlich ist. **5.** Bedeutung des Symbols „durchgestrichene Mülltonne“ Das auf Elektro- und Elektronikgeräten regelmäßig abgebildete Symbol einer durchgestrichenen Mülltonne weist darauf hin, dass das jeweilige Gerät am Ende seiner Lebensdauer getrennt vom unsortierten Siedlungsabfall zu erfassen ist.(FR) **Équipements électriques et électroniques Information pour les ménages privés Information du producteur conformément à l'article 18 (4) ElektroG (nouveau) 1.** Collecte séparée des DEEE Les équipements électriques et électroniques qui sont devenus des déchets sont appelés DEEE. Les propriétaires de DEEE doivent les éliminer séparément des déchets municipaux non triés. En particulier, les DEEE n'appartiennent pas aux déchets ménagers, mais à des systèmes de collecte et de retour spéciaux. **2.** Piles et accumulateurs ainsi que lampes Les propriétaires de DEEE doivent, en règle générale, séparer les déchets de piles et d'accumulateurs qui ne sont pas inclus dans les DEEE ainsi que les lampes qui peuvent être retirées des DEEE sans causer de dommages avant de les remettre à un point de collecte. Cela ne s'applique pas si les DEEE sont préparés en vue de leur réutilisation avec la participation d'une autorité publique de gestion des déchets. **3.** Options pour le retour des DEEE Les propriétaires de DEEE provenant des ménages peuvent les retourner gratuitement aux points de collecte des autorités publiques de gestion des déchets ou aux points de reprise mis en place par les fabricants ou les distributeurs au sens de l'ElektroG. Les magasins disposant d'une surface de vente d'au moins 400 m² pour les équipements électriques et électroniques ainsi que les épiceries disposant d'une surface de vente totale d'au moins 800 m² qui proposent des équipements électriques et électroniques plusieurs fois par an ou de manière permanente et les mettent à disposition sur le marché sont obligés de les reprendre. Cela s'applique également à la distribution par des moyens de communication à distance si les surfaces de stockage et d'expédition des EEE sont d'au moins 400 m² ou si les surfaces totales de stockage et d'expédition sont d'au moins 800 m². Les distributeurs doivent, en principe, assurer la reprise en fournissant des installations de reprise appropriées à une distance raisonnable de l'utilisateur final respectif. La possibilité de retourner gratuitement un ancien appareil existe pour les distributeurs qui sont obligés de le reprendre, entre autres, si un nouvel appareil du même type, qui remplit essentiellement les mêmes fonctions, est fourni à un utilisateur final. Si un nouvel appareil est livré à un ménage privé, les DEEE similaires peuvent également y être remis pour être collectés gratuitement ; ceci s'applique en cas de distribution par communication à distance d'appareils des catégories 1, 2 ou 4 selon l'article 2, paragraphe 1, de l'ElektroG, à savoir les "émetteurs de chaleur", les "équipements à écran de visualisation" ou les "gros appareils" (ces derniers ayant au moins une dimension extérieure supérieure à 50 centimètres). Les utilisateurs finaux sont interrogés sur leur intention de retourner les équipements électriques et électroniques lorsqu'ils concluent un contrat d'achat. En outre, il existe une possibilité de retour gratuit aux points de collecte des distributeurs, indépendamment de l'achat d'un nouvel appareil, pour les anciens appareils dont les dimensions extérieures ne dépassent pas 25 centimètres, et ce dans la limite de trois anciens appareils par type d'appareil. **4.** Avis sur la protection des données Les DEEE contiennent souvent des données personnelles sensibles. Cela s'applique en particulier aux appareils des technologies de l'information et des télécommunications tels que les ordinateurs et les smartphones. Dans votre propre intérêt, veuillez noter que chaque utilisateur final est responsable de la suppression des données sur les appareils en fin de vie à éliminer. **5.** Signification du symbole de la "poubelle barrée" Le symbole de la poubelle barrée régulièrement apposé sur les appareils électriques et électroniques indique que l'appareil concerné doit être collecté séparément des déchets municipaux non triés à la fin de sa durée de vie.

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