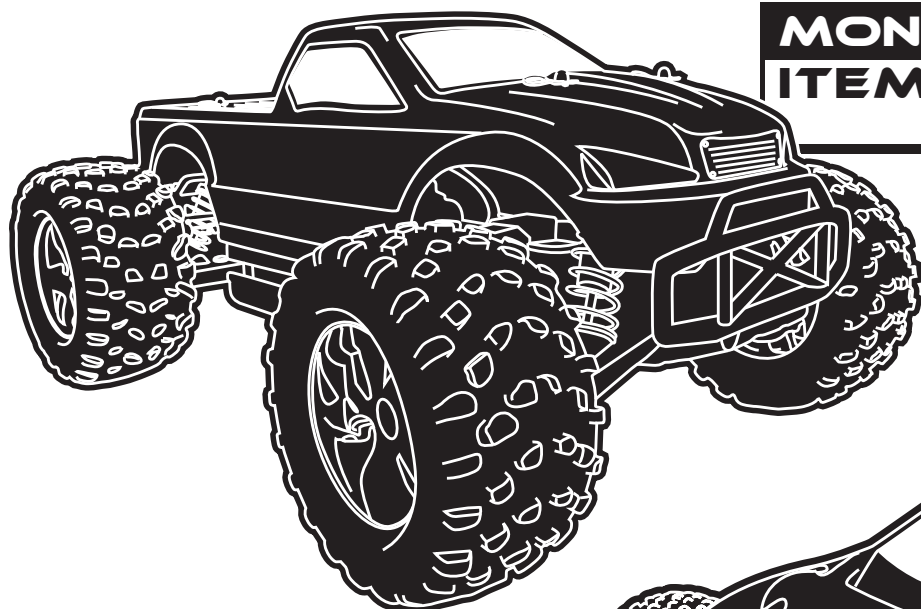
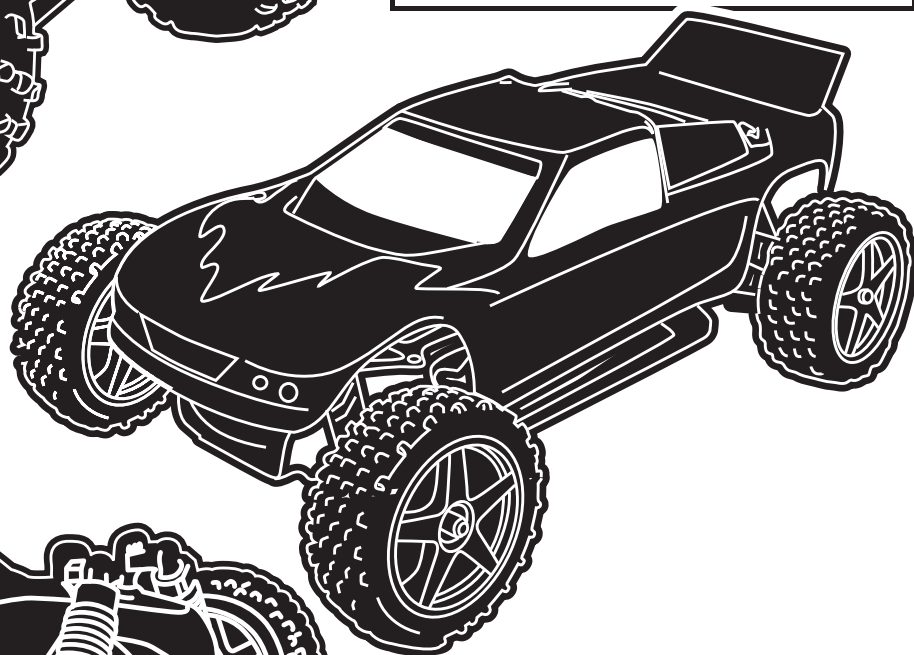


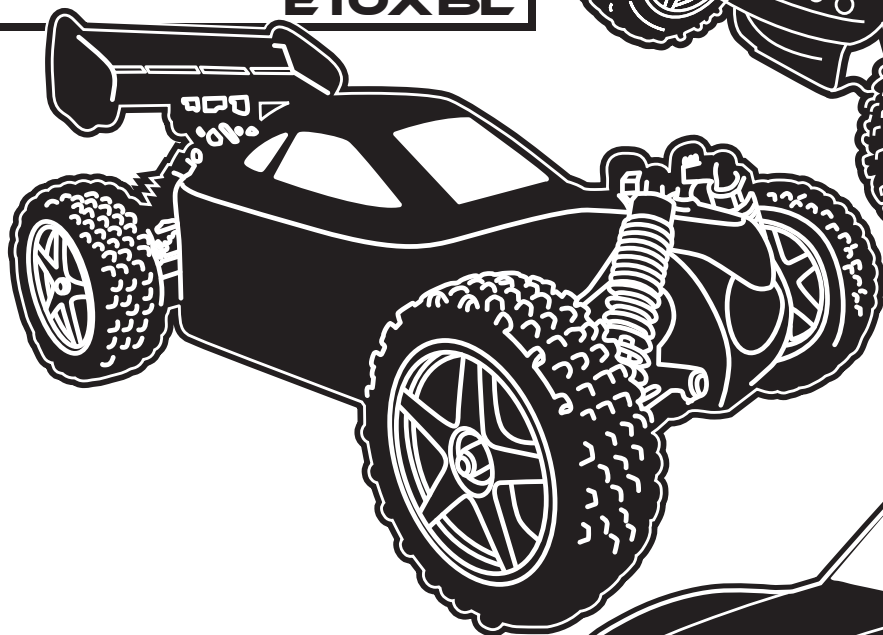
**1/10TH SCALE
ELECTRIC OFF-ROAD
BUGGY/SHORT COURSE/
TRUGGY/MONSTER TRUCK**



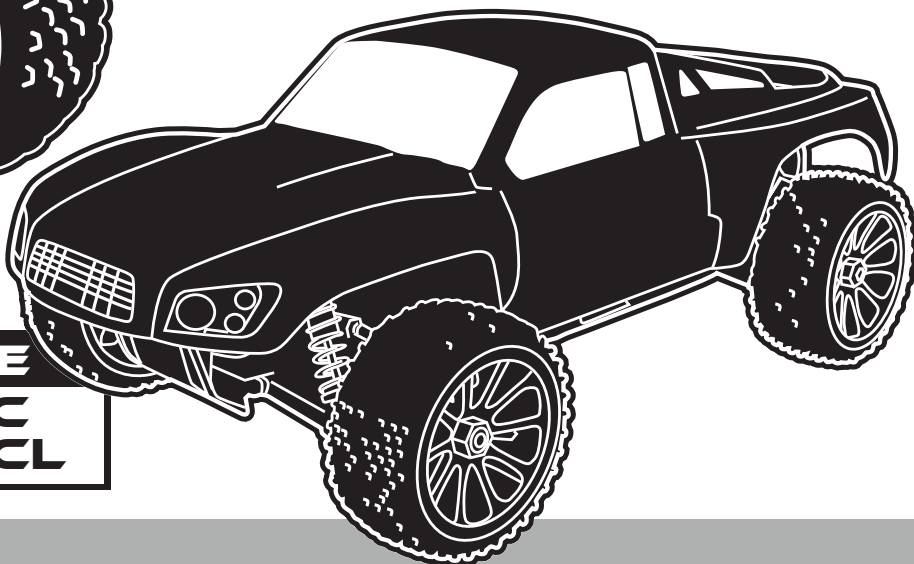
MONSTER TRUCK
ITEM NO.E10MT
E10MTL



TRUGGY
ITEM NO.E10XT
E10XTL



BUGGY
ITEM NO.E10XB
E10XBL



SHORT COURSE
ITEM NO.E10SC
E10SCL

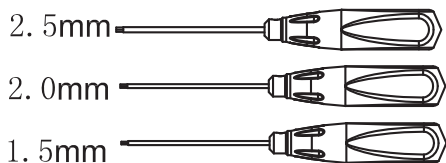
Before You Start Assembling

Thank you for purchasing our Ready To Run 1/10 scale electric off-road vehicle. This manual contains the basic methods of operation, assembly details, and related accessories. Operators less than 14 years of age need to be supervised by an adult. Please read all information in this manual before operation to avoid any damage or danger.

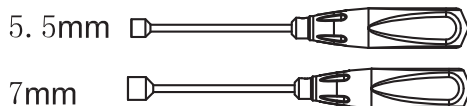
All operating instructions should be read before the use of this product. It contains important information for future reference. In addition, because we constantly update our products, some small physical features may change. Check our website for any update on changes.

Tools Needed

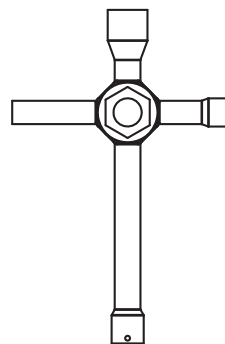
2.5 2.0 1.5 Allen key



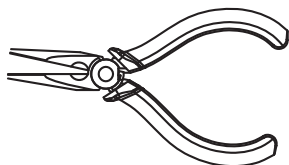
5.5 7Wrench



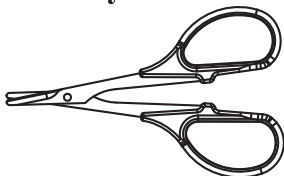
Cross Wrench(big)



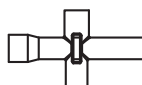
Needle Nose Plier



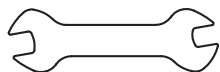
Hobby Scissors



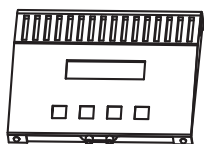
Cross Wrench(small)



5.5mm Open end wrench



Charger



Reamer



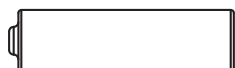
Apply CA glue



Grease



1.2V AA Battery



Silicone Oil



Safety Precautions

This is a high-quality radio control model. Pay attention at all times to insure careful operation. If care is not taken, loss of life and property may result. Children should not be allowed to operate in the absence of adult supervision. Operational errors, or the incorrect use of this product and important information included in this manual (which may result in the loss of life, severe injury or property damage), will be the responsibility of the owner.

-----This model is controlled by radio signals, which may be subject to outside interference beyond the control of vehicles radio system.

-----Therefore, keep within a safe distance to avoid accidents and away from motor vehicles and people.

-----Do not place or run on wet grass or in puddles because electronic equipment (servers, receivers and power transfer) is not waterproof. If you want to run in these areas the electronics must be waterproofed.

-----Do not drive if battery power is low!

-----Do not drive in poor conditions or vehicle damage may occur.

-----Be careful to comply with the instructions and warnings of other equipment used (charger and battery, etc.).

-----Put chemicals, metals, and electronic equipment out of the reach of children.

-----Only careful and cautious use of remote control cars can protect life and property from harm.

Warranties

Ask retailers for replacement or return for manufacturing defective or missing parts. There is no warranty against wear and tear caused by incorrect operation or use of incorrect parts.

Retailers are to provide technical assistance free of charge for beginners.

Operational Requirements

First, make sure batteries are fully charged. Check all connections and settings .

Install 8AA batteries in the remote, ensure that the batteries have full power, pay attention to positive and negative polarity, and do not install in the wrong direction.

The remote control system has a variety of different functions and settings. Before initial use, ensure that all functions and settings have been fully understood.

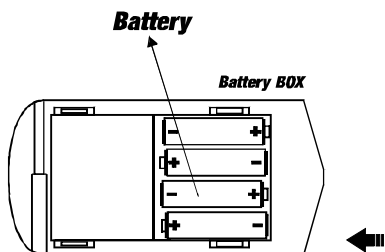
2.4GHZ RADIO SYSTEM HTX-242



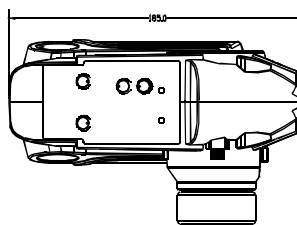
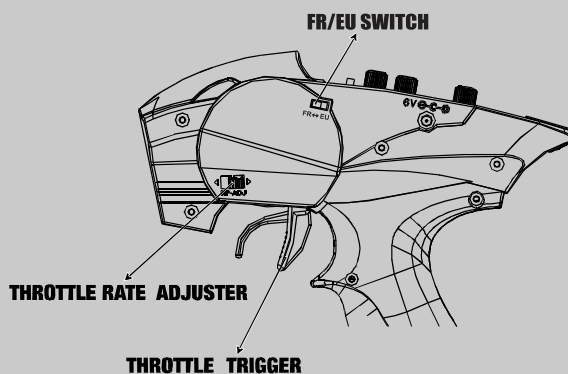
Install the batteries

- (1) Remove the battery compartment cover.
- (2) Replace the used batteries with new AA size batteries.

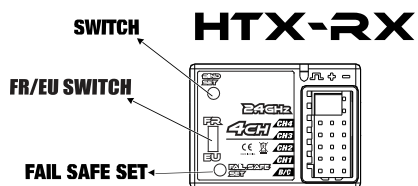
Please replace batteries when the power indicator blinks or the buzzer beeps.



TRANSMITTER DIAGRAM



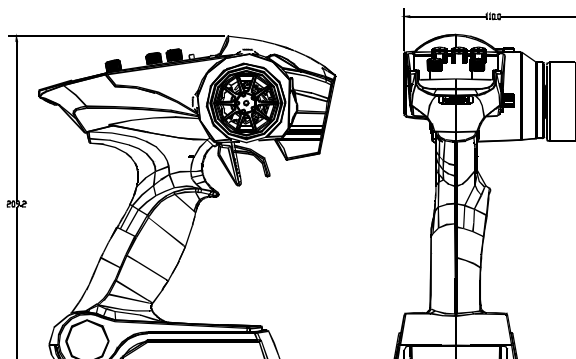
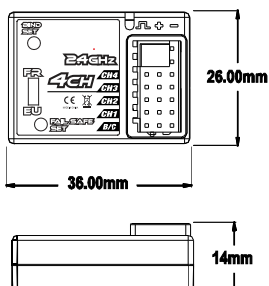
Transmitter Size



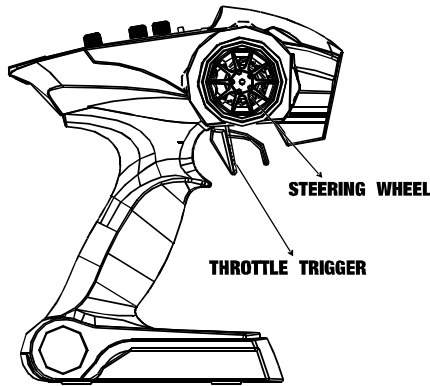
Connectors

- 1: Steering servo (CH1)
- 2: Throttle servo (CH2)
- 3: CH3 servo (CH3)
- 4: CH4 servo (CH4)
- B/C: Power connector

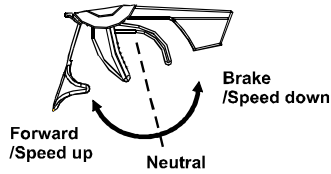
Receiver Size



Transmitter Adjustment



A. Throttle Trigger

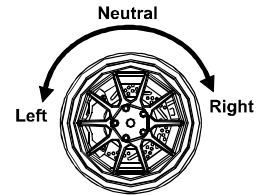


1. Push the trigger forward to slow down or brake.
2. Pull the trigger backward to accelerate.

Throttle Trim: Position the throttle trigger at the neutral position, adjust the throttle trim accordingly.

Steering Trim: If the front wheel does not align straight, use the steering trim to make adjustment.

B. Steering Wheel



Turn the steering wheel counterclockwise to turn left, turn the steering wheel clockwise to turn right.

2.4GHz



Position the transmitter and receiver 40cm apart when operating.

Low Battery Alarm

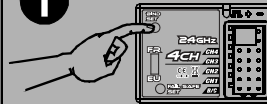
Do not operate the radio system when the battery power is low.

Fail Safe Function Setting

1. Set the TH, ST switches to the normal position.
2. Turn on the transmitter and receiver.
3. Press the F/S SET button, the LED on the receiver should start flashing rapidly.
4. Put the throttle trigger at the brake position, press the F/S SET button, the LED should become solid.
5. For electric model, put the throttle trigger at the stop position when you are making the setting.

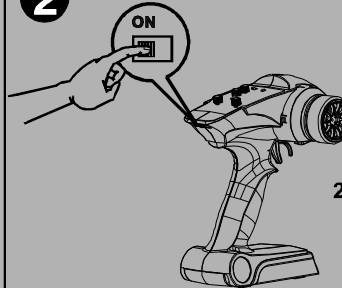
Binding the transmitter and receiver

1



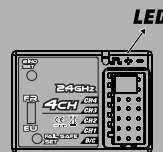
1. turn on the receiver power. Press the SW switch. The receiver's LED should start flashing.

2



2. Turn on the transmitter.

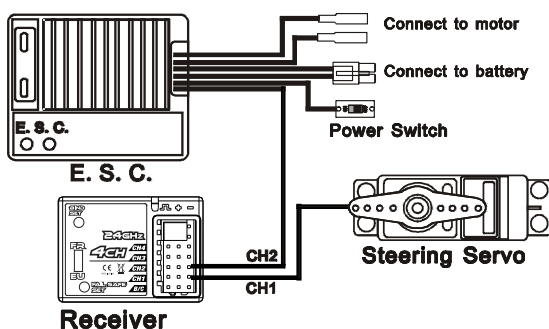
3



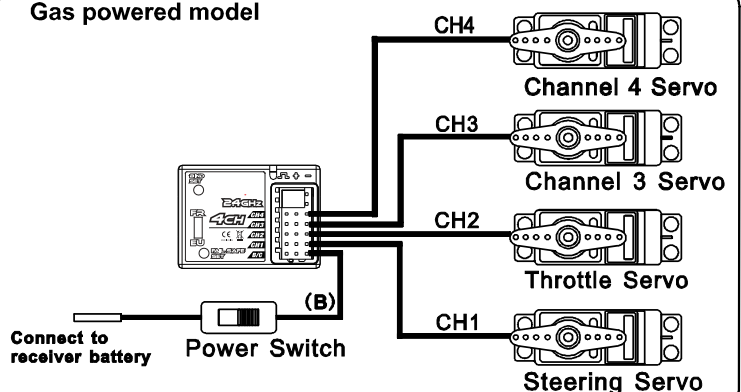
3. When the LED on the receiver becomes solid, the binding process is completed.

Receiver and servo connection

Electrical powered model



Gas powered model



HTX-24IRE

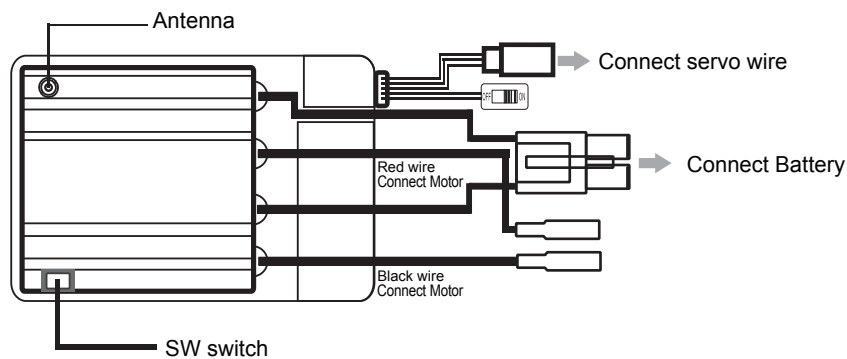
Features

2 in 1 Receiver/Esc Easy to operate

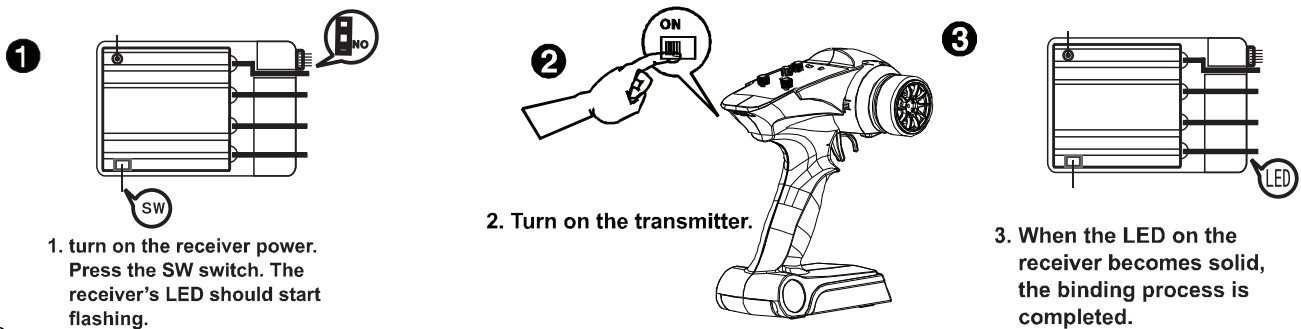
Specifications

- Input voltage : 6V-8. 4V DC
- BEC : 5V 1A
- Output current : Continuously 320A, Instantly 160A
- Size : L47mm * W33mm * H26mm
- Motor : High Power 540/23T motor

Wiring diagram



Binding the transmitter and receiver

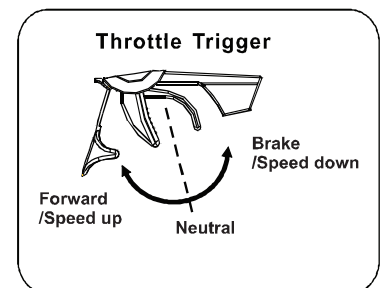


Functional Description

1. Push the trigger forward to slow down or brake.
2. Pull the trigger backward to accelerate.

Throttle Trim: Position the throttle trigger at the neutral position, adjust the throttle trim accordingly.

Steering Trim: If the front wheel does not align straight, use the steering trim to make adjustment

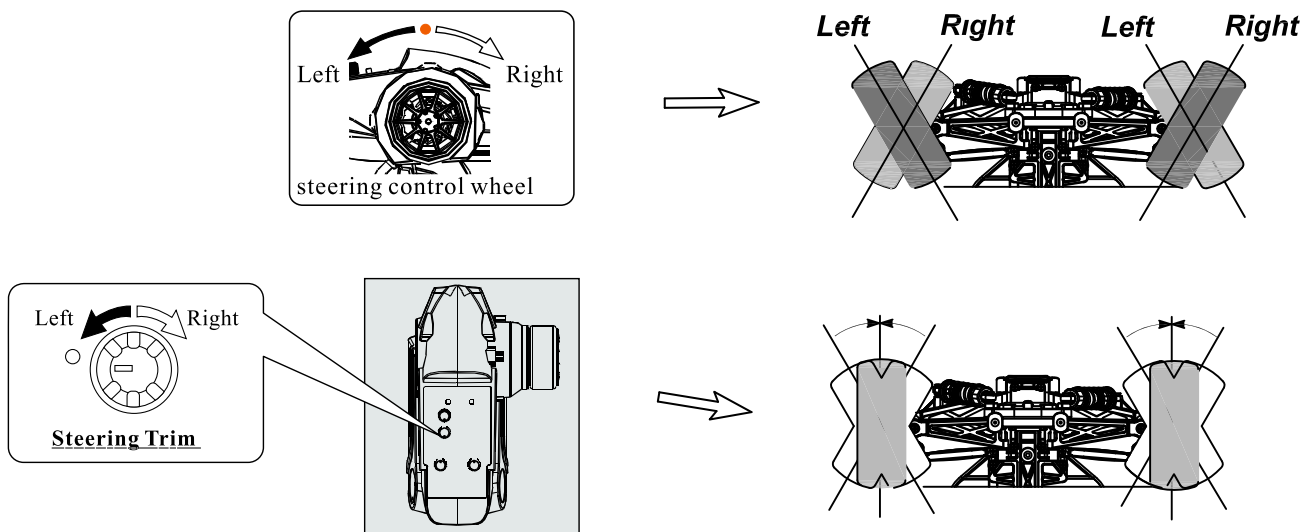


Note

This product has a water resistance function

Operation Check List

1. Install fresh, new batteries into the transmitter and vehicle. Verify all the control functions are working properly.
2. Verify steering is set to the neutral position, the front wheels of the vehicle should point straight forward when the steering wheel on the transmitter is centered.
3. The ESC on the vehicle is pre-configured at the factory. When you turn on the transmitter and vehicle, you should hear a beep in 1-2 seconds and the indicator light should be lit.
4. With the battery fully charged, the run time for the vehicle is around 7 to 15 minutes depends on the condition of the running environment. Please stop operation when the battery show sign of low power.



Common Troubleshooting

Problem: Motor is not working

Causes: A broken motor coil, battery capacity is inadequate or not charged, remote control not turned on or esc switch not turned on.

Solution: Replace motor, change batteries, turn switches on

Problem: Poor motor performance

Causes: Battery power is low, ESC (Electric speed control) is not adjusted properly, drive train loosened.

Solution: Replace or recharge the battery. When you first turn on the car, don't touch throttle trigger until all noise stop. Check that the gear mesh is not too tight or loose.

Problem: Difficult to steer the car

Causes: Transmitter or receiver battery are low, steering servo trim not set correctly

Solution: Replace or recharge the battery; when car is not moving, manually set steering trim so that the wheels are pointed forward.

Service and Maintenance

In order not to void car warranty, always keep your buggy clean. In areas of high dust and dirt, be sure to blow off dirt and dust with a compressor, soft bristle brush, or toothbrush.

Always check car for loose or broken parts and replace before and after running.

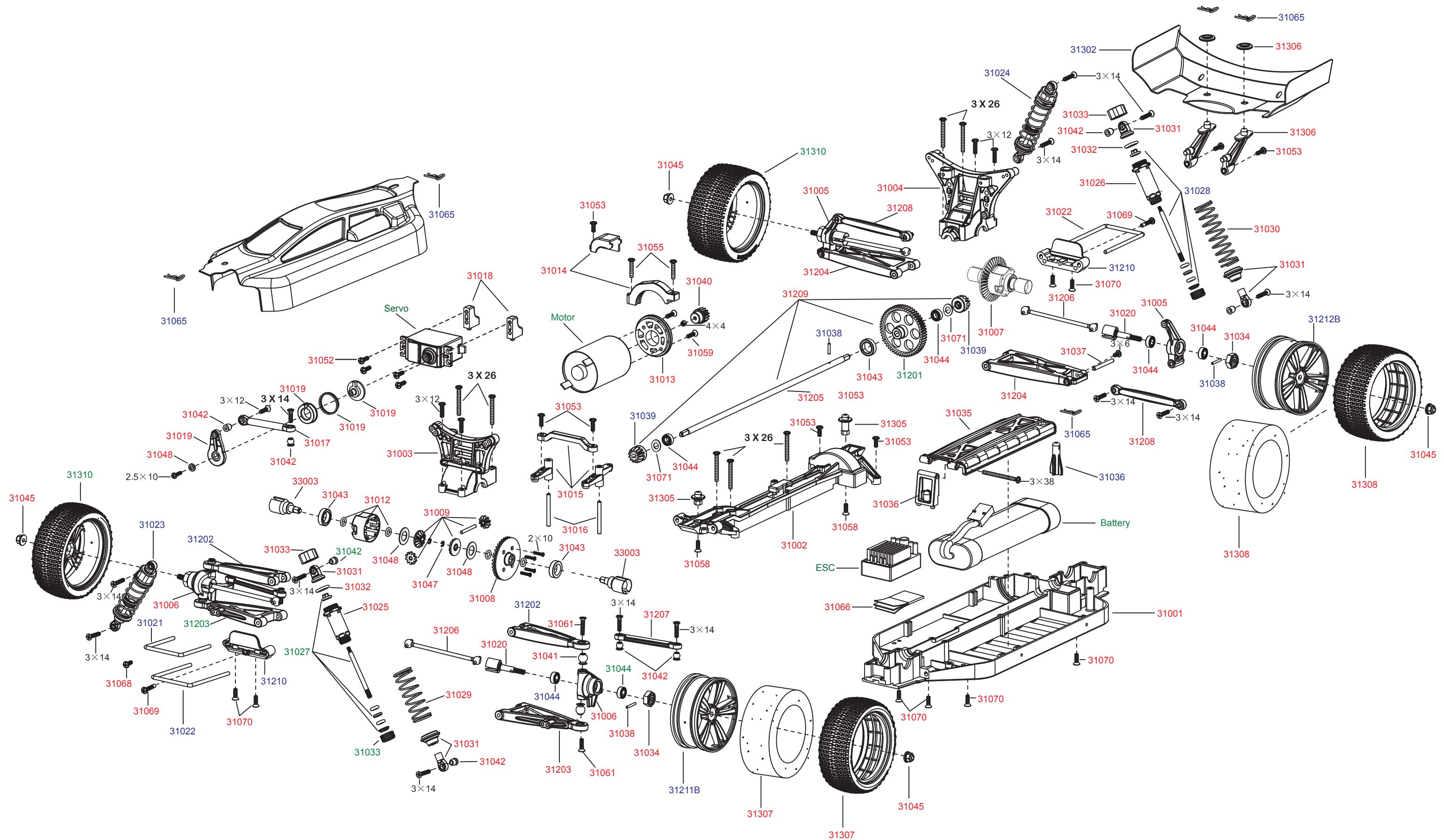
Regularly check screws to make sure that they are tight.

Replacement parts are available at many local retailers or online stores. Feel free to contact retailers for help in replacing parts.

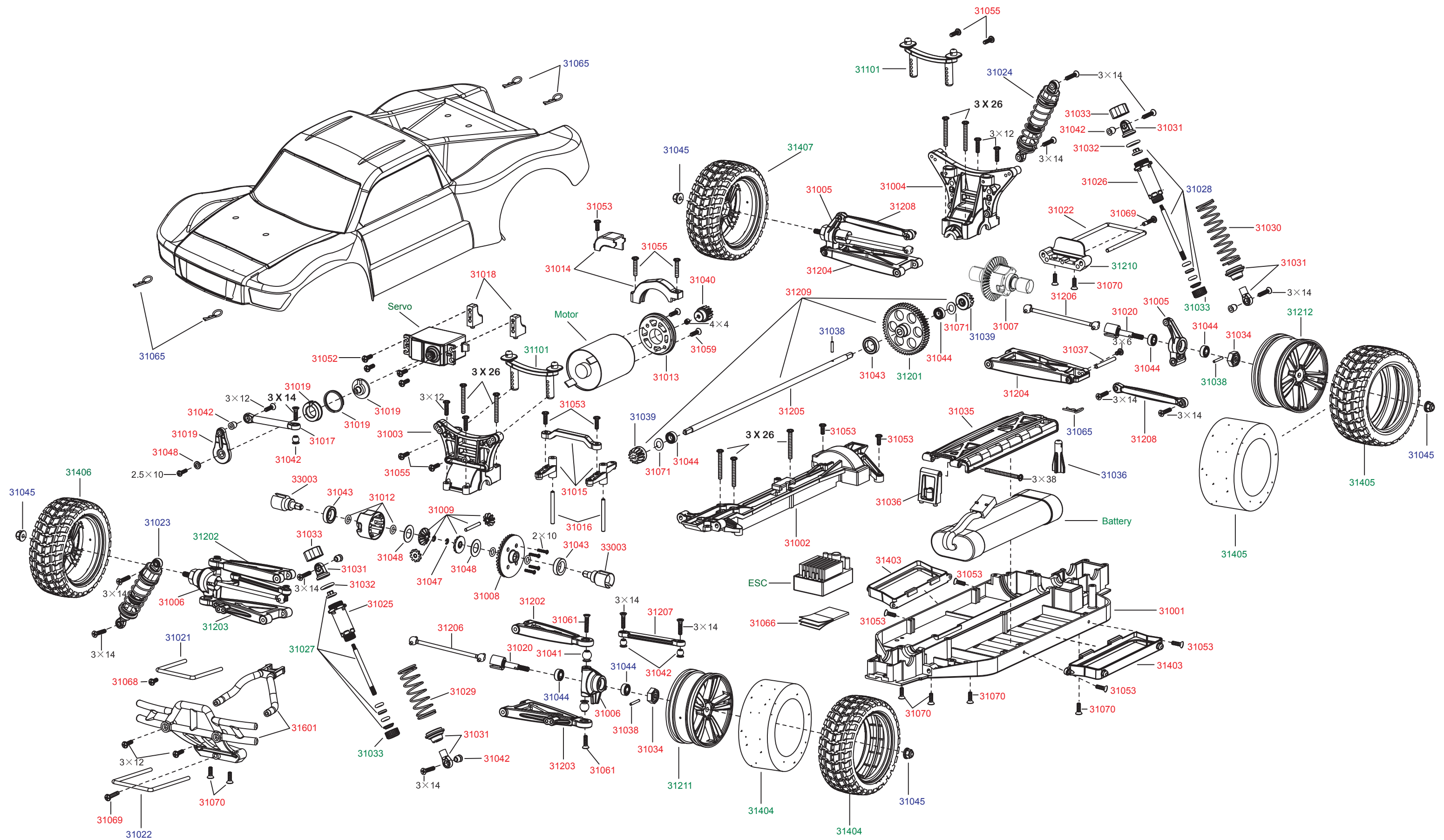
SPECIFICATIONS

Model	Code	Length	Width	Height	Wheelbase	Wheel Dia.	Wheel Width	Gear Ratio
BUGGY	E10XB	409mm	256mm	139mm	288mm	85mm	254mm	9.6
MONSTER TRUCK	E10MT	422mm	335mm	163mm	296mm	116mm	332mm	11.7
TRUGGY	E10XT	432mm	330mm	144mm	296mm	106mm	329mm	10.9
SHORT COURSE	E10SC	453mm	256mm	144mm	288mm	90mm	254mm	10.2

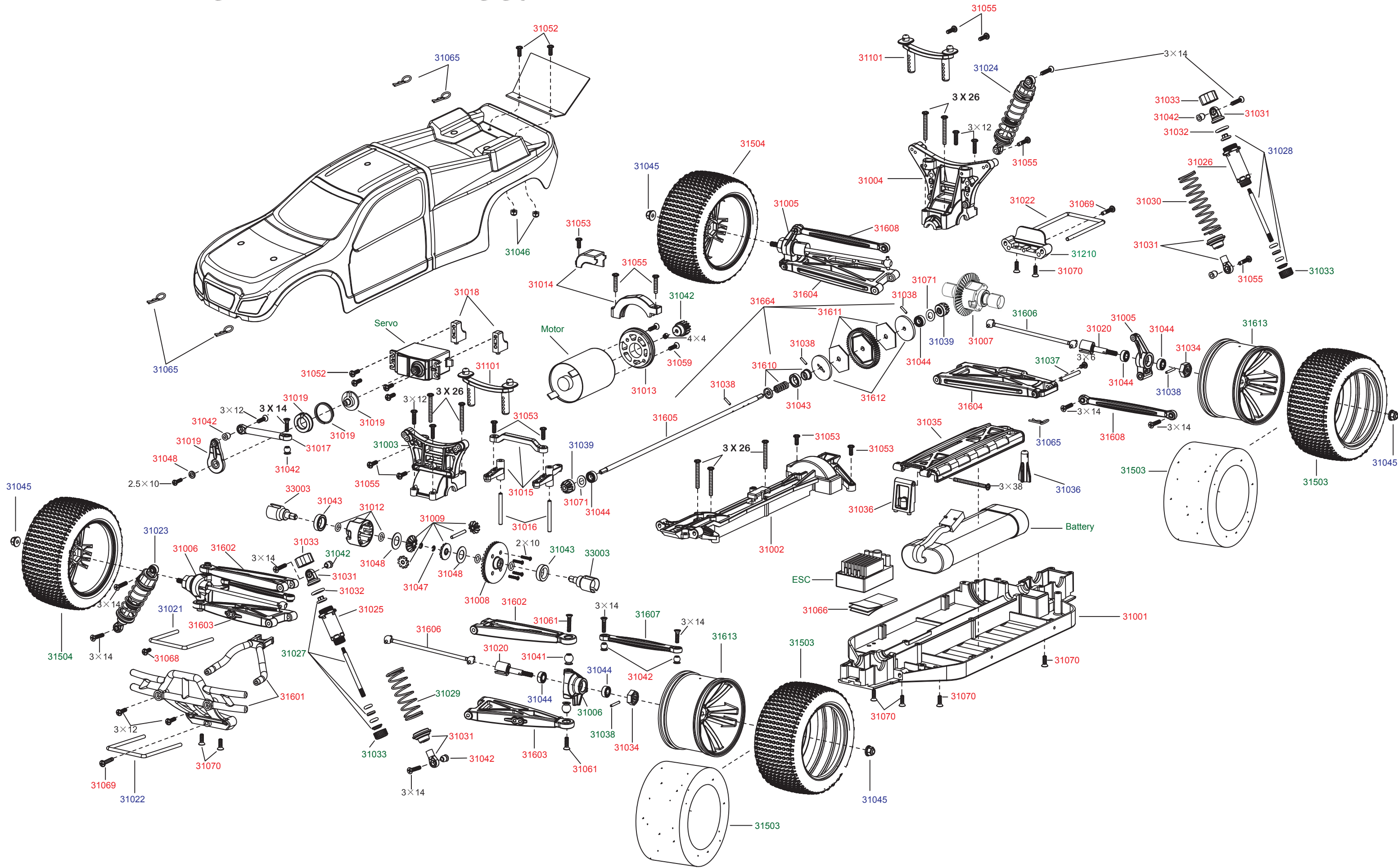
Explode Diagram of the Buggy



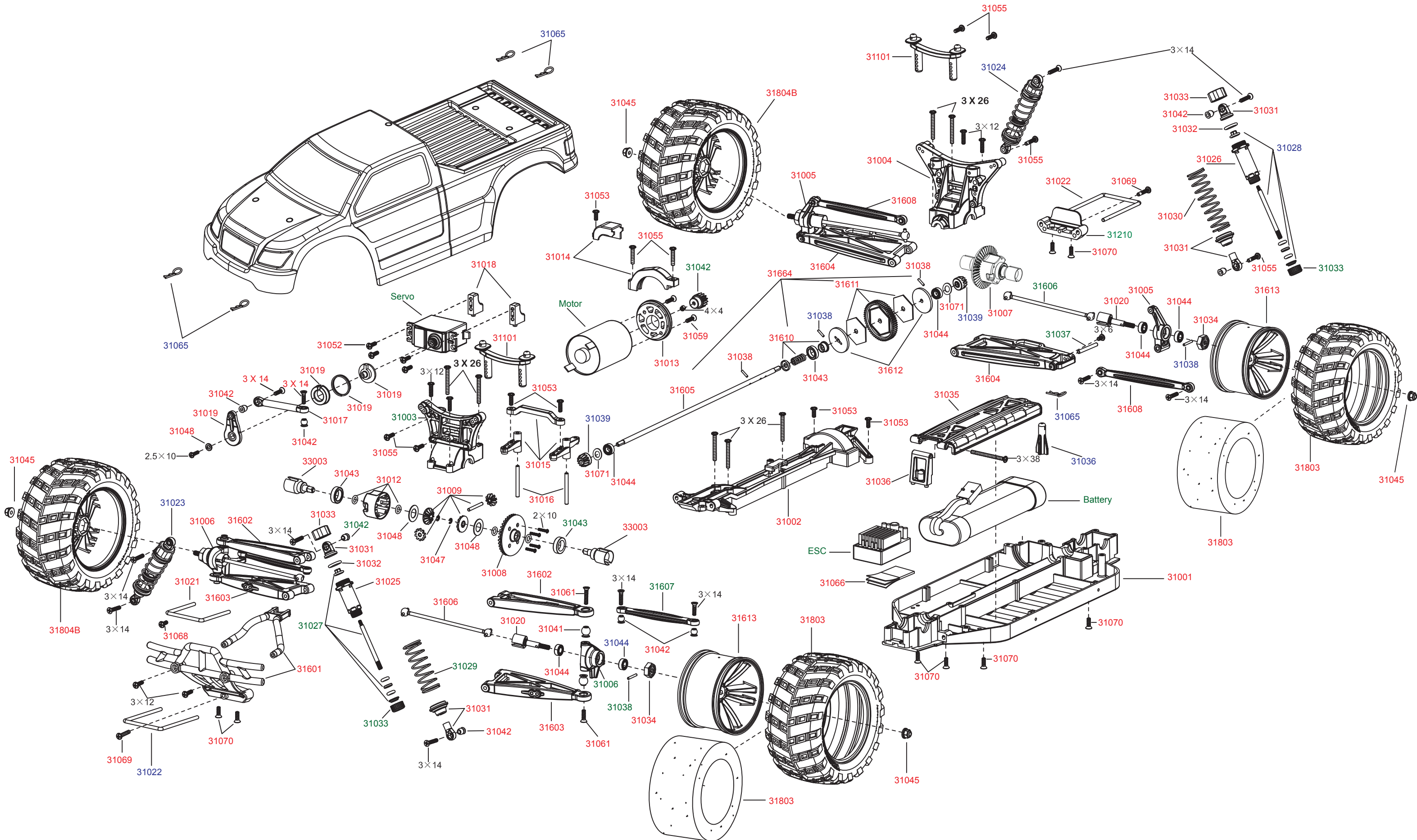
Explode Diagram of the Short Course Truck



Explode Diagram of the Truggy

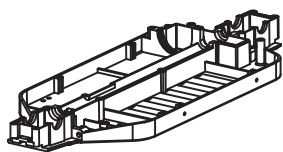


Explode Diagram of the Truck



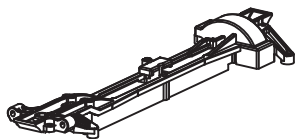
STANDARD PARTS LIST

31001



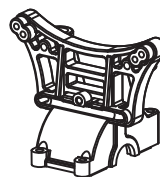
Chassis

31002



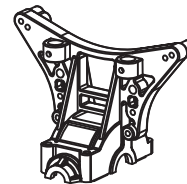
Upper Deck

31003



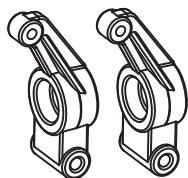
Front Shock Tower

31004



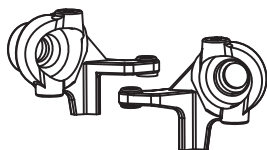
Rear Shock Tower

31005



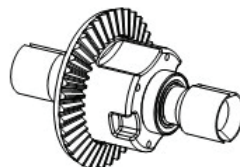
Rear Hub

31006



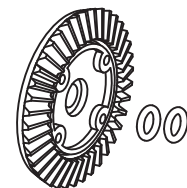
Knuckle Arms

31007



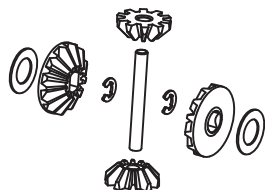
F/R Differential Gear

31008



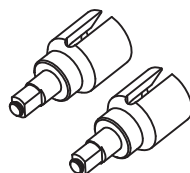
Differential Crown Gear 38T and Sealing

31009



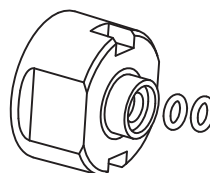
Differential Bevel Gear

33003



Differential Outdrives

31012



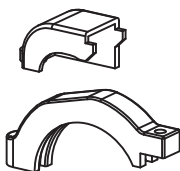
Differential Case and Sealing

31013



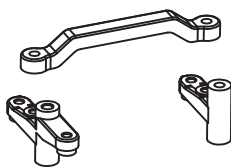
Motor Mount

31014



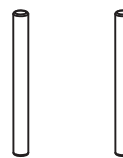
Motor Support Mount

31015



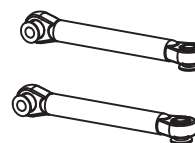
Front Servo Saver Arm

31016



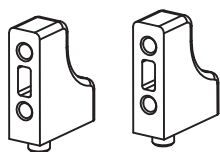
Steering Shaft

31017



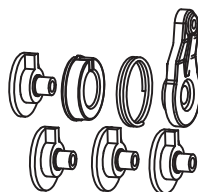
Servo Steering Linkage

31018



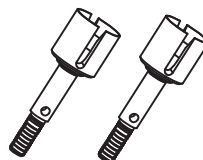
Servo Mounts

31019



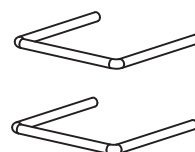
Servo Savers

31020



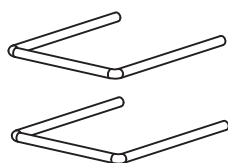
Wheel Axle

31021



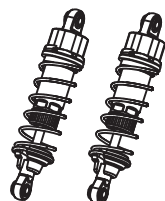
Upper Hinge Pin

31022



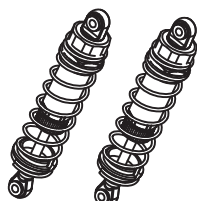
Lower Hinge Pin

31023



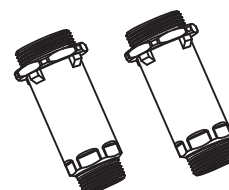
Front Shock Absorber

31024



Rear Shock Absorbers

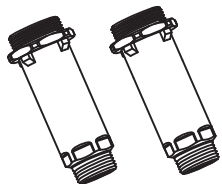
31025



Front Shock Housing

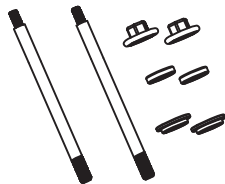
STANDARD PARTS LIST

31026



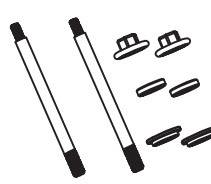
Rear Shock Housing

31027



Front Shock Shaft

31028



Rear Shock Shaft

31029



Front Shock Absorber Springs

31030



Rear Shock Absorber Springs

31031



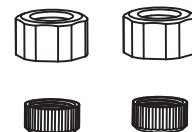
Upper/Lower Shock End

31032



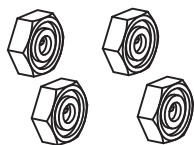
Shock Sealing

31033



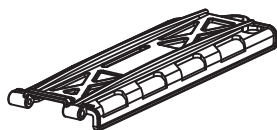
Shock Caps

31034



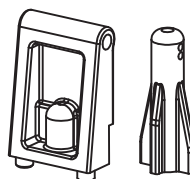
Wheel Nuts

31035



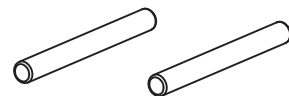
Battery Tray

31036



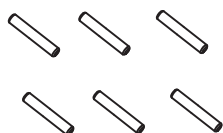
Battery Posts

31037



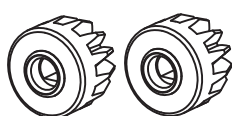
Lower Hinge Pin

31038



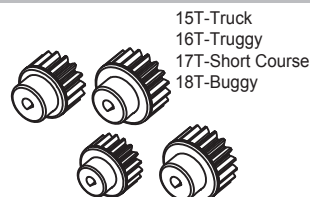
Pins 2X10

31039



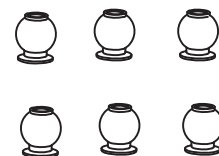
Differential Pinion Gear

31040



Nylon Pinion Gears
15T, 16T, 17T, 18T

31041



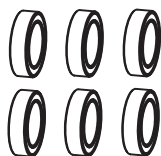
Ball Head (8.0mm)

31042



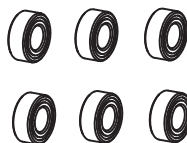
Ball Head (5.80mm)

31043



Ball Bearings 15X10X4

31044



Ball Bearings 10X5X4

31045



Lock Nuts M4

31046



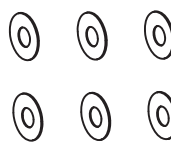
Lock Nuts M3

31047



E-Clips 2.5

31048



Shims 7.9X3.3X0.5

31049



Button Head Screws 2X10

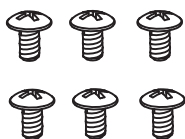
STANDARD PARTS LIST

31050



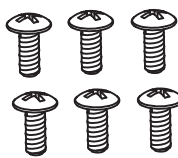
Button Head Screws 2.5X10

31051



Button Head Screws 3X6

31052



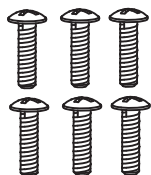
Button Head Screws 3X8

31053



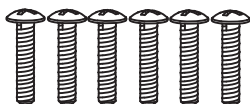
Button Head Screws 3X10

31054



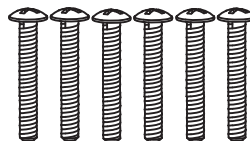
Button Head Screws 3X12

31055



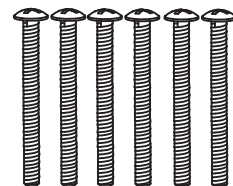
Button Head Screws 3X16

31056



Button Head Screws 3X26

31057



Button Head Screws 3X38

31058



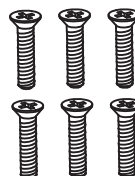
Flat Head Screws 3X8

31059



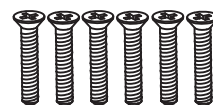
Flat Head Screws 3X12

31060



Flat Head Screws 3X14

31061



Flat Head Screws 3X16

31062



Grub Screws M3X3

31065



Body Clips

31063



Grub Screws M4X4

31066



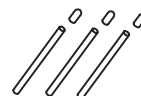
Foam Double Side Tape

31064



Plastic Cable Ties

31067



Antenna Pipe

31068



Cap Head Screws 3X8 6P

31069



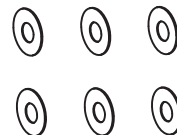
Cap Head Screws 3X16 6P

31070



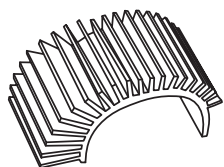
Flat Head Screws 3X10 6P

31071



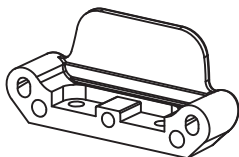
Shims 9 X 5.1 X 0.8

03300



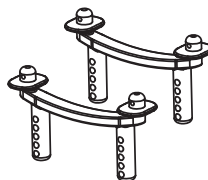
Motor Heat Proof Cover

31210



Susp Hinge Pin Holder

31101



Body Mount for Trucks
(Not Suitable for Buggy)

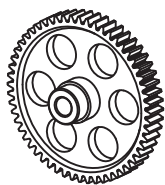
31601



Bumper
(Not suitable for Buggy)

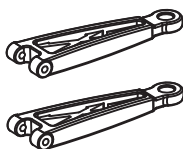
SHORT COURSE, BUGGY

31201



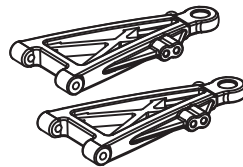
Main Gear 56T

31202



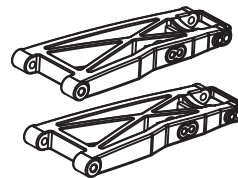
Front Upper Susp Arm

31203



Front Lower Susp Arm

31204



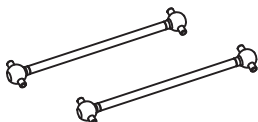
Rear Lower Susp Arm

31205



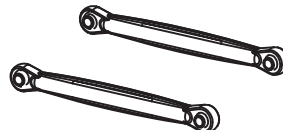
Alum Center Driveshaft

31206



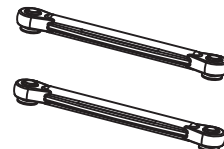
Dogbone (77.3mm)

31207



Steering Linkage

31208



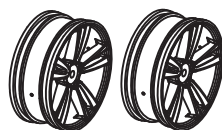
Rear Upper Linkage

31209



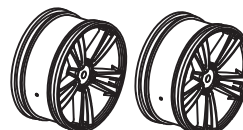
Center Driveshaft Complete with Gear

31211



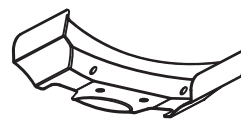
Front Wheel

31212



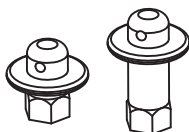
Rear Wheel

31302



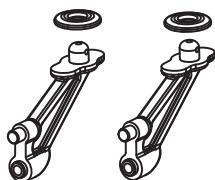
Wing for Buggy

31305



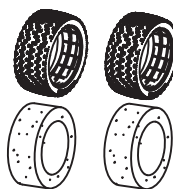
Buggy Body Mount

31306



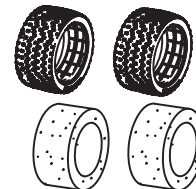
Buggy Wing Support

31307



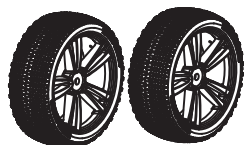
Buggy Front Tires

31308



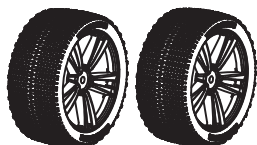
Buggy Rear Tires

31309



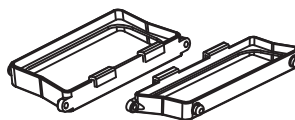
Front Tires and Rims For Buggy

31310



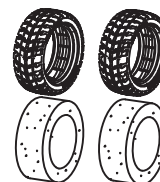
Rear Tires and Rims For Buggy

31403



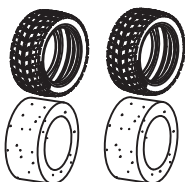
Side Body Mounts for Short Course Truck

31404



Front Tires for Short Course Truck

31405



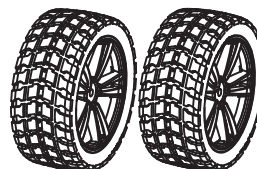
Rear Tires for Short Course Truck

31406



Front Tires and Rims for Short Course Truck

31407



Rear Tires and Rims for Short Course Truck

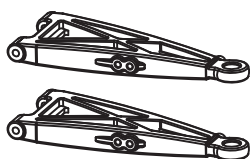
TRUGGY, TRUCK

31602



Front Upper Susp Arm

31603



Front Lower Susp Arm

31604



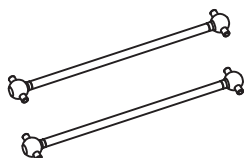
Rear Lower Susp Arm

31605



Alum Center Driveshaft

31606



Dogbone (96.4mm)

31607



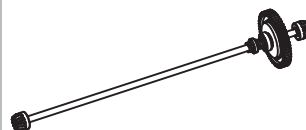
Steering Linkage

31608



Rear Upper Linkage

31609



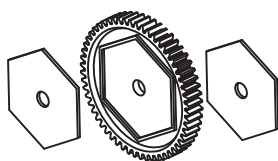
Slipper Clutch Complete with Gear

31610



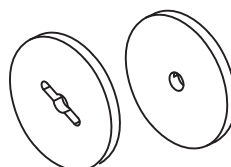
Spring Mount

31611



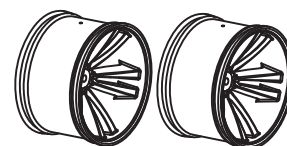
Main Gear 68T and Slipperpads

31612



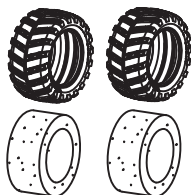
Slipper Plates

31613



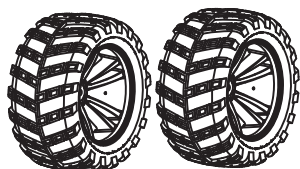
Wheels

31803



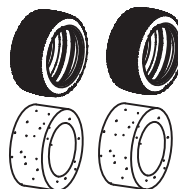
Tires for Truck

31804



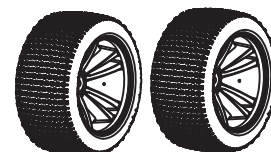
Tires and Wheels for Truck

31503



Tires for Truggy

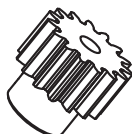
31504



Tires and Wheels for Truggy

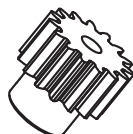
OPTIONAL GEAR

11170



0.8 Module Copper Motor Gear (15T)

11171



0.8 Module Copper Motor Gear (16T)

11177



0.8 Module Copper Motor Gear (17T)

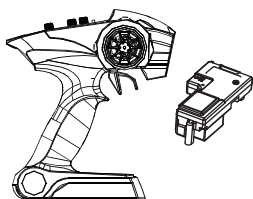
11178



0.8 Module Copper Motor Gear (18T)

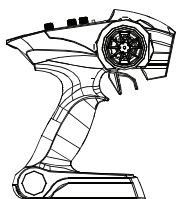
ELECTRONICS

HTX-241



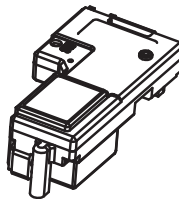
2.4 Ghz 2 in 1 Radio Set

HTX-241T



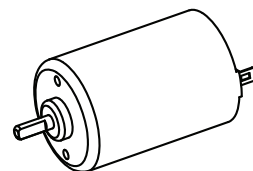
Two Button 2.4 Ghz Radio

HTX-241RE



2 in 1 ESC / Receiver

03016



RC550 Motor

03014



Battery Pack
w/Tamya Plug (7.2V, 2000mAh)

03014B



Battery Pack
w/Banana Plug (7.2V, 2000mAh)

03019B



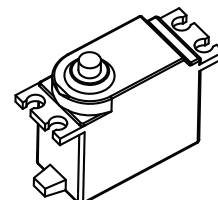
Battery Pack w/Banana Plug
(7.2V, 3000mAh) (Optional)

2601



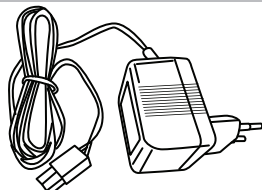
Power Connector For
Banana Plug

SERVO3KG



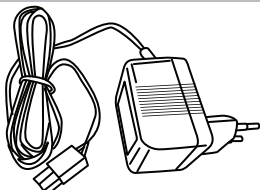
3Kg Servo Unit

E020



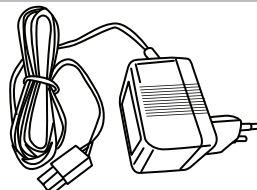
NI-MH Battery Charger
(America Standard)

E021



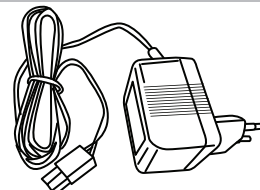
NI-MH Battery Charger
(Europe Standard)

E022



NI-MH Battery Charger
(Australia Standard)

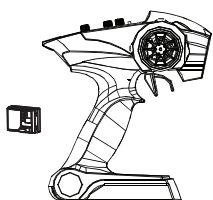
E023



NI-MH Battery Charger
(UK Standard)

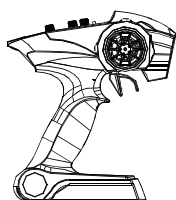
ELECTRONICS FOR BRUSHLESS VERSION

HTX-242



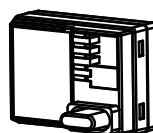
Two Button 2.4 Ghz Radio Set

HTX-242T



Two Button 2.4 Ghz Radio

HTX-RX



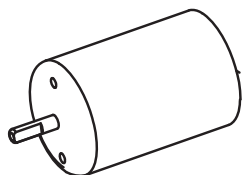
4channels 2.4G Receiver

LP7420



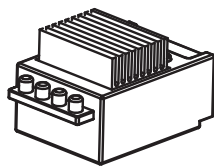
Li-Po Battery
(7.4 V 2000mAh 2S 25C)

E028



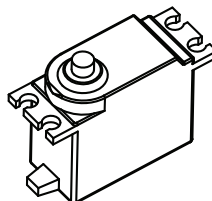
Brushless Motor

E199



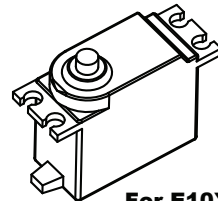
Brushless ESC

SERVO3KG



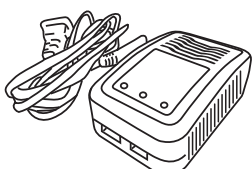
3Kg Servo Unit

SERVO6KG



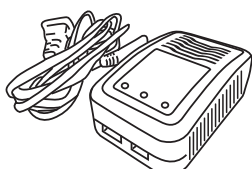
For E10XTL
6Kg Servo Unit E10MTL Only

A3US



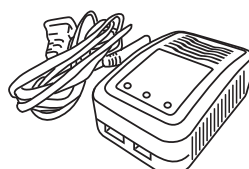
LiPo Balance Charger
(America Standard)

A3EU



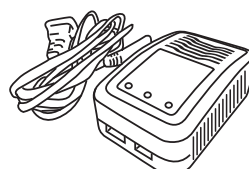
LiPo Balance Charger
(Europe Standard)

A3EU



LiPo Balance Charger
(Australia Standard)

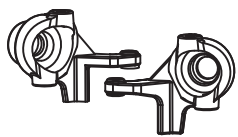
A3UK



LiPo Balance Charger
(UK Standard)

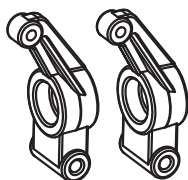
OPTIONAL STANDARD PARTS

33001



Alum Knuckle Arm

33002



Alum Rear Hub

33005



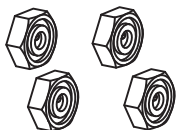
Alum Front Shock Absorber

33006



Alum Rear Shock Absorber

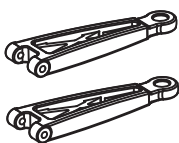
33009



Alum Wheel Hub

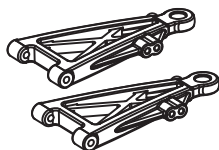
OPTIONAL PARTS SHORT COURSE, BUGGY

33201



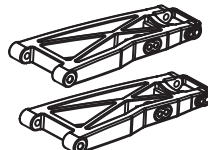
Alum Front Upper Susp Arm

33202



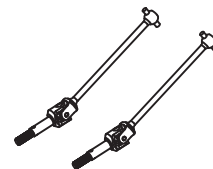
Alum Front Lower Susp Arm

33203



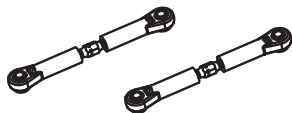
Alum Rear Lower Susp Arm

33204



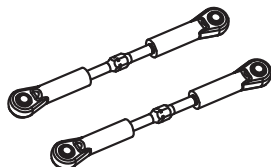
F/R Universal Shaft

33205



Alum Steering Linkage

33206



Alum Rear Upper Linkage

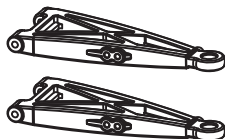
OPTIONAL PARTS TRUGGY, TRUCK

33601



Alum Front Upper Susp Arm

33602



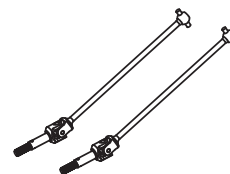
Alum Front Lower Susp Arm

33603



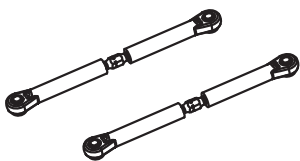
Alum Rear Lower Susp Arm

33604



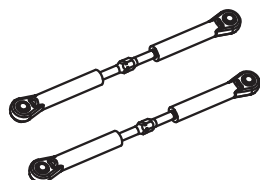
F/R Universal Shaft

33605



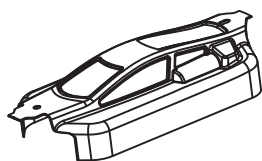
Alum Steering Linkage

33606



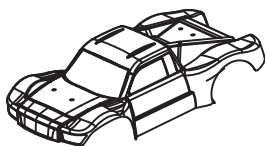
Alum Rear Upper Linkage

31301



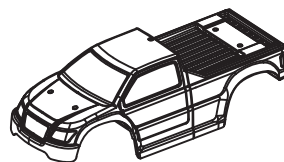
Buggy Body (Red)

31401



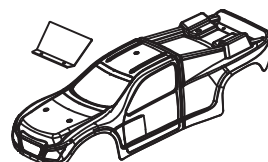
Short Course Body (Red)

31801



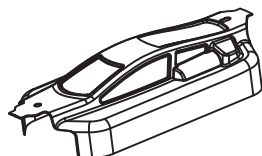
Truck Body (Red)

31501



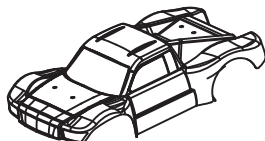
Truggy Body (Red)

31311



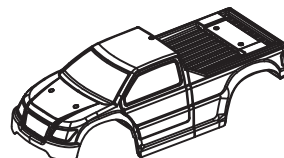
Buggy Body (Green)

31408



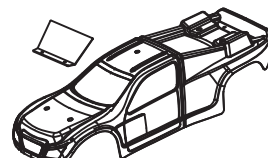
Short Course Body (Green)

31805



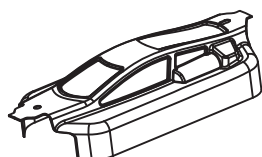
Truck Body (Green)

31505



Truggy Body (Green)

31312



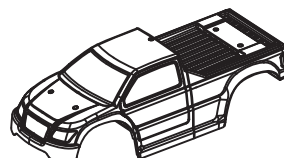
Buggy Body (Blue)

31409



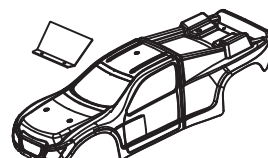
Short Course Body (Blue)

31806



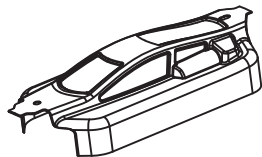
Truck Body (Blue)

31506



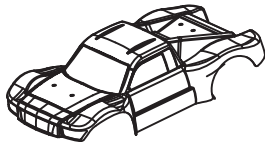
Truggy Body (Blue)

31313



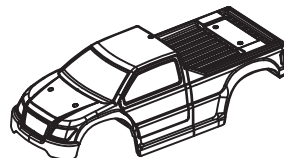
Buggy Body (Black)

31410



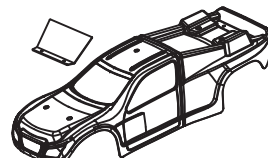
Short Course Body (Black)

31807



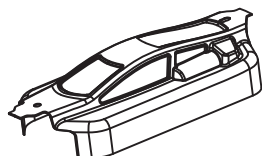
Truck Body (Black)

31507



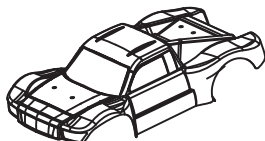
Truggy Body (Black)

31303



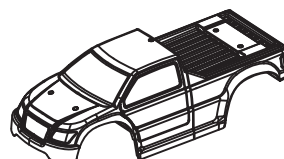
Transparent Buggy Body

31402



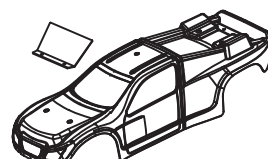
Transparent Short Course Body

31802



Transparent Truck Body

31502



Transparent Truggy Body

**1/10TH SCALE
ELECTRIC OFF-ROAD
BUGGY/SHORT COURSE/
TRUGGY/MONSTER TRUCK**