

1/16TH SCALE ELECTRIC OFF-ROAD



EDT-16 (Desert Truck)
ITEM NO. HI4193
HI4193BL



EXB-16 (Buggy)
ITEM NO. HI4185
HI4185BL



EXR-16 (Rally Car)
ITEM NO. HI4195
HI4195BL



EXT-16 (Truggy)
ITEM NO. HI4183
HI4183BL



ETY-16 (Trophy Truck)
ITEM NO. HI4194
HI4194BL



EXM-16 (Monster Truck)
ITEM NO. HI4186
HI4186BL



EDC-16 (Drift Car)
ITEM NO. HI4163
HI4163BL



EXO-16 (On Road Car)
ITEM NO. HI4182
HI4182BL



SCT-16 (Short Course Truck)
ITEM NO. HI4192
HI4192BL

INSTRUCTION MANUAL

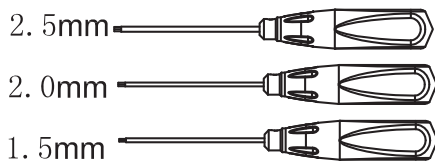
Before You Start Assembling

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.

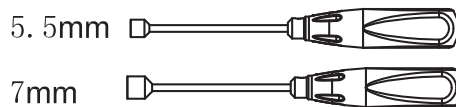
All operating instructions should be read before the use of this product. It contains important information for future reference. In addition, because we constantly update our products, some small physical features may change. Check our website for any update on changes.

Tools Needed

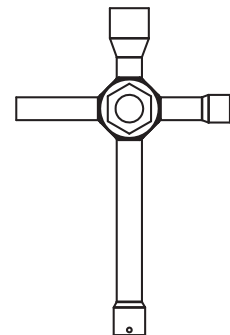
2.5 2.0 1.5 Allen key



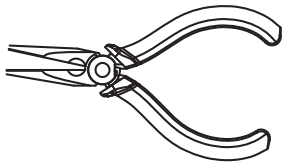
5.5 7 Wrench



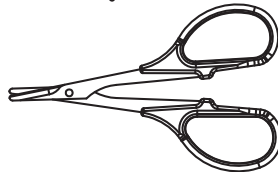
Cross Wrench(big)



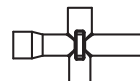
Needle Nose Plier



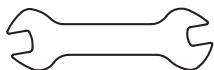
Hobby Scissors



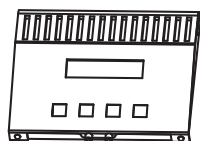
Cross Wrench(small)



5.5mm Open end wrench



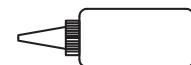
Charger



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.

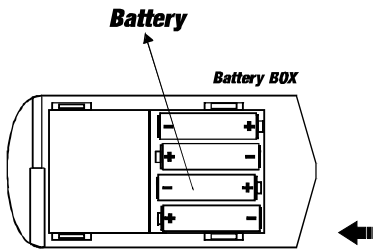
Operational Requirements

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

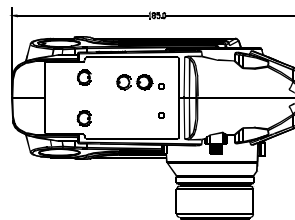
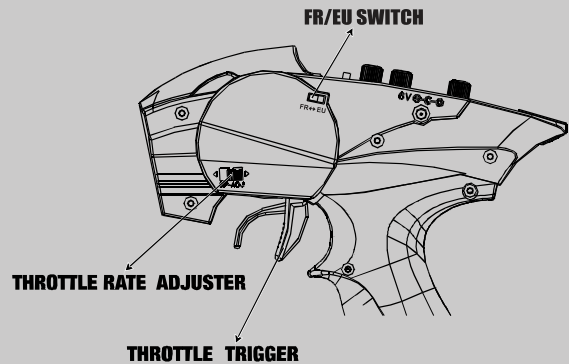


Install the batteries

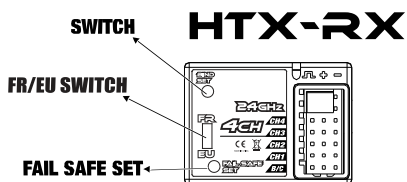
- (1) Remove the battery compartment cover.
- (2) Replace the used batteries with new AA size batteries.

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

TRANSMITTER DIAGRAM



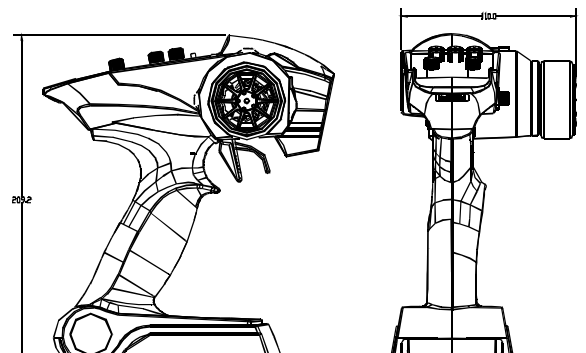
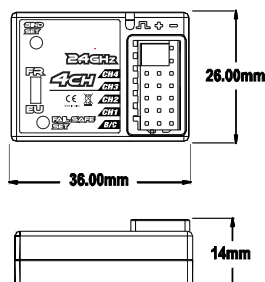
Transmitter Size



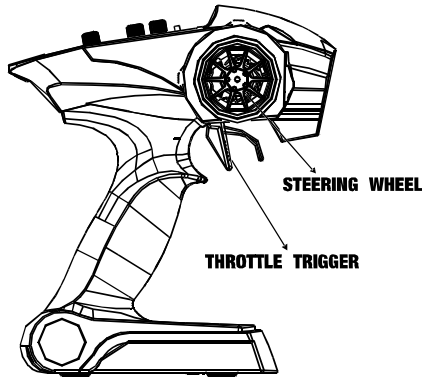
Connectors

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

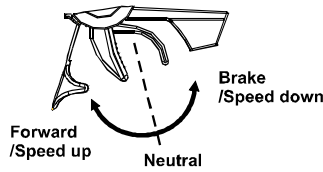
Receiver Size



Transmitter Adjustment



A. Throttle Trigger

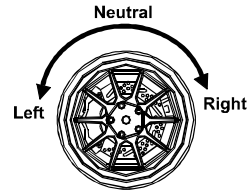


1. Push the trigger forward to slow down or brake.
2. Pull the trigger backward to accelerate.

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.

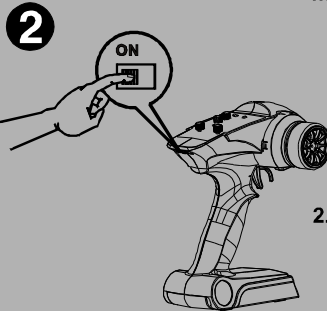
Fail Safe Function Setting

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.

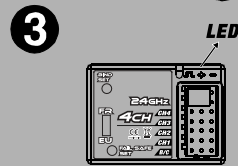
Binding the transmitter and receiver



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



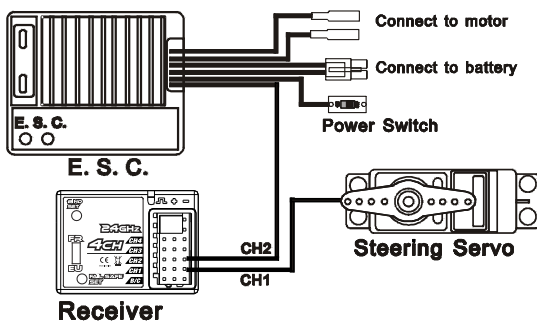
2. Turn on the transmitter.



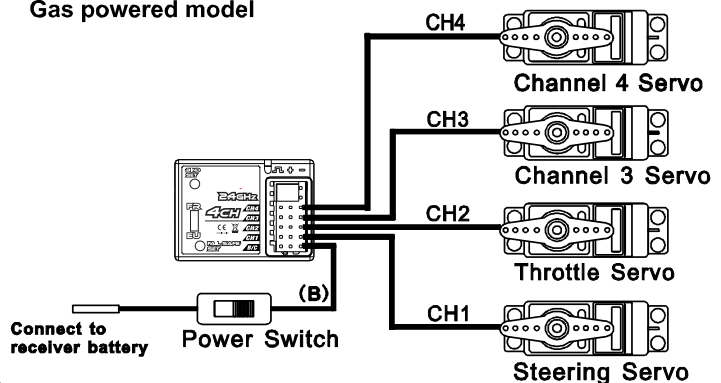
3. When the LED on the receiver becomes solid, the binding process is completed.

Receiver and servo connection

Electrical powered model



Gas powered model



DIGITAL PROPORTIONAL SYSTEM

2.4GHZ

MT-300

SYSTEM FEATURES

- Unique and functional pistol grip transmitter design
- Well balanced for precise control
- Non-slip foam steering wheel
- Well placed digital trim & D/R levers
- Optimum third channel switch location
- Low Battery warning
- Quick Binding and Fail Safe Setup
- High performance micro 3 channel receiver
- NiCd charger jack in transmitter
- Sound Beep

SYSTEM SPECIFICATIONS

Transmitter

Model: MT-300TX

FHSS Output Power: <100mW

Operating Voltage: 4.2V~7V

Power Supply: 4 Cell Alkaline/Ni-Cd/Ni-MH

Weight: 13.9 oz (394 gr) with Alkalines

Frequency/Modulation Type: 2.4GHz FHSS

Receiver

Model: MT-300RX

Frequency: 2.4GHz FHSS

Operating Voltage: 3.6V~7V

Weight: 0.26 oz (7.4gr)

Dimensions: 1.38 x 1 x 0.5 in (35.1 x 25.3 x 13 mm)

Fail Safe: Yes (All Channels)

FEATURES DESCRIPTIONS

Receiver Antenna Wire: The antenna wire receives the transmitter signal. The antenna wire should be installed through a nylon tube (antenna tube) in the vertical position for the best reception.

Auxiliary Channel 3 Switch: Controls Auxiliary Channel 3 High and Low servo travel.

Battery Compartment: Houses the 4 'AA' Alkaline batteries that power the transmitter.

Bind Button: Used in the process of Binding the transmitter and receiver.

Bind LED: Displays the current status of the transmitter and receiver pair.

Steering Dual Rate(D/R): The Dual Rate Keys are used to adjust the Steering Dual Rate quickly and easily during use.

Grip: The Grip is molded in an ergonomic shape for increased comfort, control and feel.

Power Indicator: Indicates that there is Power to the transmitter.

Power Switch: Turns the transmitter ON and OFF.

Steering Trim Lever (CH1): Used to adjust the center Trim of the Steering servo.

Steering Wheel(CH1): Proportionally operates the model's right and left steering control. The Steering Wheel features a molded grip for increased comfort, control and feel.


Throttle Trigger(CH2): Controls the speed of the model, both forward and backward, or the model's brake.

Throttle Trim Lever (CH2): Used to adjust the center Trim of the Throttle servo.

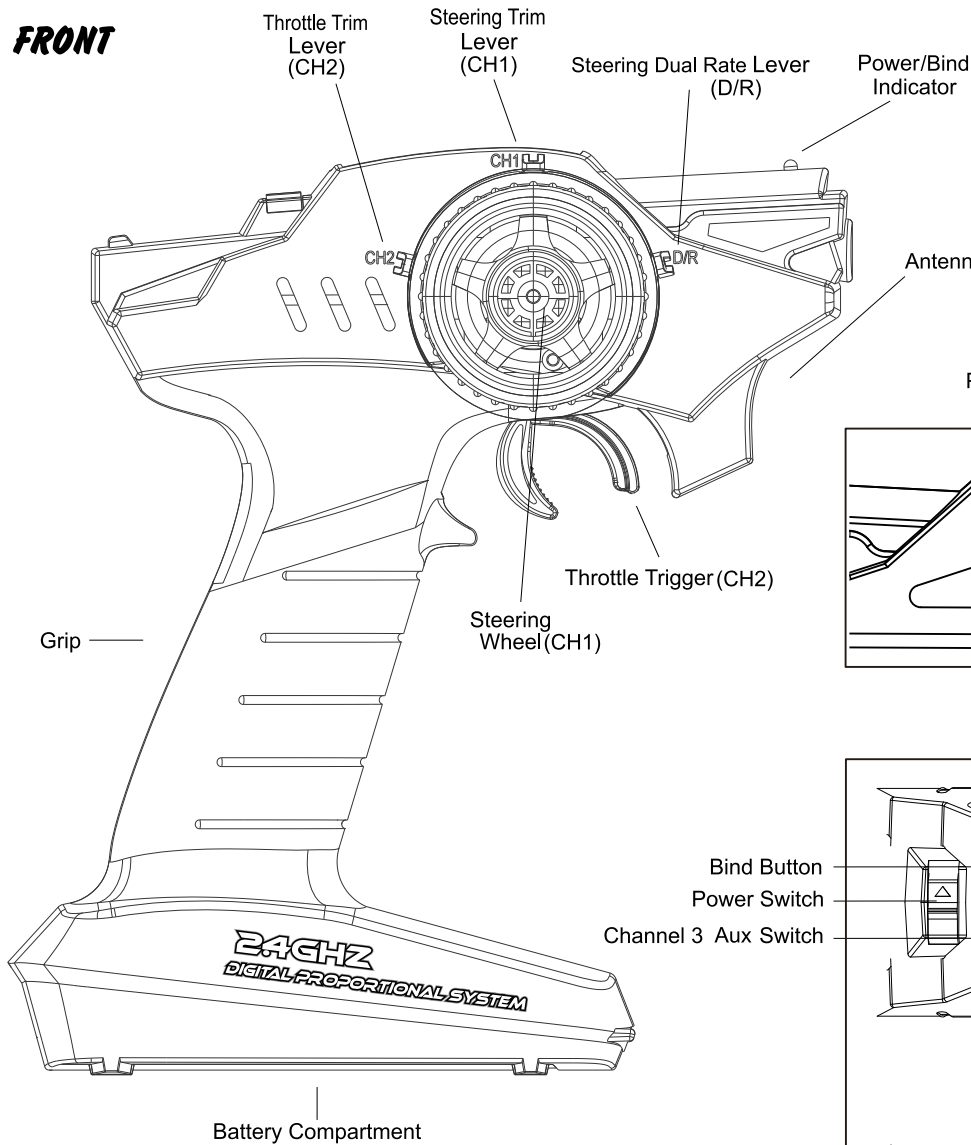
TRANSMITTER AND RECEIVER DIAGRAMS

Use the diagram below to familiarize yourself with the different parts of your **MT-300TX** transmitter and **MT-300RX** receiver.

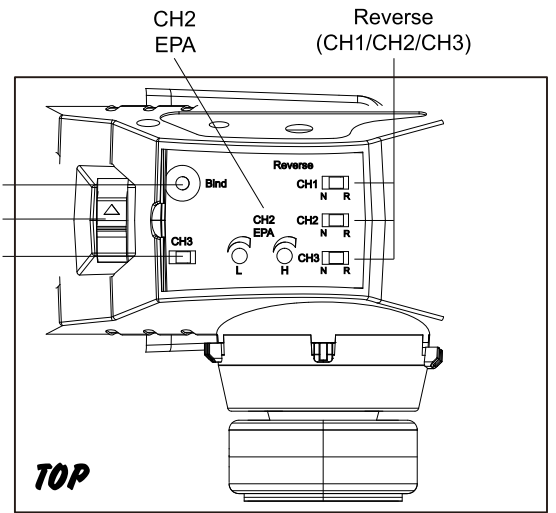
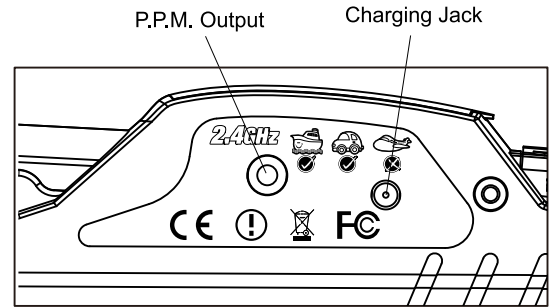
Descriptions of these parts can be found in the transmitter and receiver layout.

 The transmitter antenna is mounted internally and is located in the front portion of the transmitter. When you're driving your model, hold the transmitter so that it's orientated as close to vertical as possible at all times and try not to 'follow' your model with the transmitter. This provides the best RF signal between the transmitter and the receiver. Do NOT cover the front of the transmitter in any way during use! Doing so can block the RF signal, resulting in the loss of control of your model.

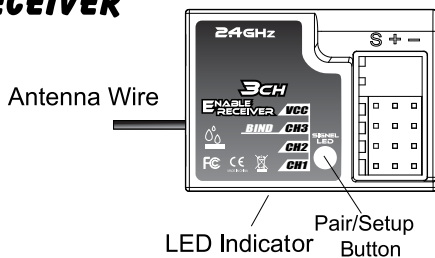
FRONT



BACK



RECEIVER

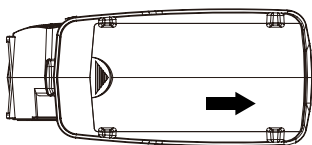


Channel Output

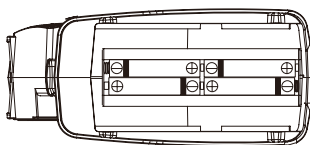
- "1": Steering(CH1)
- "2": Throttle(CH2)
- "3": AUX (CH3)
- "B": Power

TRANSMITTER BATTERY INSTALLATION

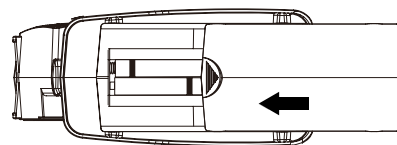
To Open slide cover



Install Batteries



To Close slide cover



1. Press down on the battery cover and slide in the direction of the arrow to remove.
2. Install 4 AA alkaline cells (or Ni-Cd, or Ni-MH) as indicated inside the battery compartment. Make sure to match the polarity (+ and -) as shown in the battery compartment or the transmitter will not function.


3. Install the battery cover in place and slide to close.

WARNING: Improper installation of transmitter batteries can cause serious damage to your system.

RECEIVER CONNECTIONS AND MOUNTING

Use the diagram below to familiarize yourself with how to connect the switch harness, servos (available separately), and the 4 cell battery holder to your **MT-300RX** 3-Channel receiver.

1) Install four fresh 'AA' Alkaline batteries into the battery holder, making sure that the polarity is correct. The direction that each battery should be installed is molded into the battery holder (+ Positive and - Negative).


 The **MT-300RX** 3-Channel receiver's Nominal Input Voltage is **3.6v~7v**, therefore, the receiver can be powered using a 4 or 5 cell Ni-Cd or Ni-MH battery pack (available separately).


- We suggest Binding the transmitter and receiver and setting the Fail Safe position, prior to mounting the receiver in your model.

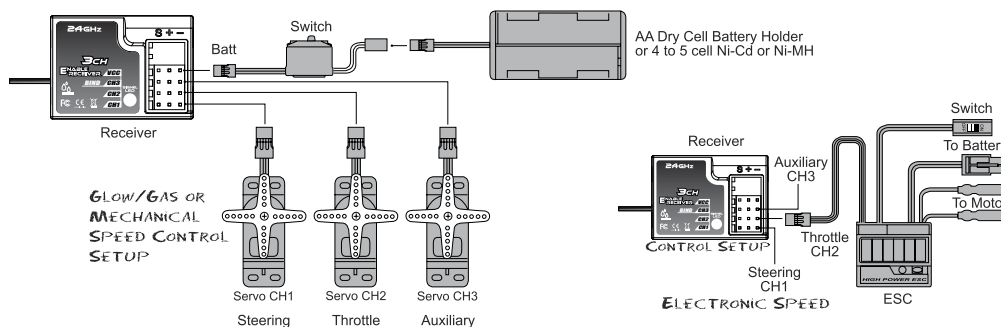
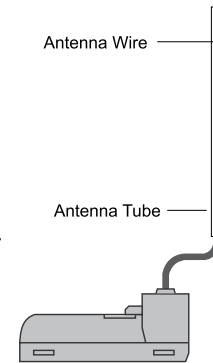
- The receiver should be mounted as far away from any electrical components as possible.

- Route the antenna wire up through a plastic tube so that it is in the vertical position.

- To protect the receiver from vibration and other damage, we recommend wrapping the receiver in shock absorbing foam rubber when installing it in your model.

 Set your model on a stand so the wheels are off the ground before turning on your radio control system or connecting your motor for the first time.

 The receiver does not feature BEC circuitry. If using an electronic speed control, verify that it features BEC circuitry to drop the receiver voltage between 3.6v~7v.



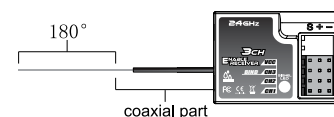
RECEIVER'S ANTENNA INSTALLATION

The wave length of the 2.4GHz is much shorter than that of the conventional frequencies, it is very susceptible to loss of signal which results in a receiving error.

To obtain the best results, please refer to the following instructions;

1. The antenna must be kept as straight as possible. Otherwise it will reduce the effective range.
2. The antenna should be perpendicular to the model. Larger models can have large metal objects that can attenuate the RF signal. In this case the antennas should be placed at sides of the model. Then the best RF signal condition is obtained at any attitude.
3. The antennas must be kept away from conductive materials, such as metal and carbon by at least a half inch. The coaxial part of the antennas does not need to follow these guidelines, but do not bend it in a small radius.
4. Keep the antennas away from the motor, ESC, and other noise sources as much as possible.

*The main purpose of the photo demonstrates how the antenna should be placed. For actual installation the receiver must be wrapped with a sponge or placed with floating material to protect it from vibration.



The receiver contains precision electronic parts. It is the most delicate radio component on-board the model and should be protected from vibration, shock and temperature extremes. To protect the receiver, wrap it in R/C foam rubber or other vibration-absorbing material. If appropriate, waterproof the receiver by placing it in a plastic bag and closing the open end with a rubber band before wrapping it in foam. If moisture enters the receiver, intermittent operation or a failure may result. Wrapping the receiver in a plastic bag also protects it from fuel and exhaust residue which, in some models, can work its way into the model.

STEERING TRIM(CH1)

Steering neutral adjustments can be made by moving the steering trim lever to the left or right. When you install a servo, always check to be sure the servo is at its neutral position. Adjust the servo horn position and linkage so both are parallel. Be sure the steering trim on the transmitter is at the neutral position.

Trim Operation And Maximum Travel

Changing the trim can affect the overall settings. When adjustments are made with the trims, recheck your installation for maximum travel. (Steering D/R at 100%)

When Trim Usage Is Extreme

If it takes most of your trim movement to get a servo to the neutral position, reposition the servo horn on the servo and inspect your linkage installation.

Steering Trim Lever

L25 - 0 - R25



CH1

THROTTLE TRIM(CH2)

Throttle neutral adjustments can be made by moving the throttle trim lever to the up or down. When using an electronic speed control, set the throttle trim to neutral and make adjustment to the speed control. On a gas powered model, set the trim to neutral and adjust the linkage to the point where the carburetor is fully closed in accordance with the engine instruction manual.

Trim Operation And Travel

Trim adjustments will affect the overall servo travel. Check the brake side (backward) movement when changes are made.

When Trim Movement Is Extreme

If you use most of the trim movement to get the servo to the neutral position, recenter the servo horn closer to the neutral position and inspect your throttle linkage.

Throttle Trim Lever

F25
0
B25



CH2

STEERING DUAL RATES(D/R-CH1)

Use this function to adjust the steering travel of your model. If the model understeers while cornering, add steering by pressing the lower side of the D/R button. When the model oversteers, take away steering by pressing the upper side of the D/R button.

Steering D/R Lever



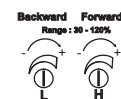
THROTTLE END POINT ADJUSTMENT(EPA-CH2)

This function is used to adjust the forward and brake side servo travel. Each direction can be adjusted independent of each other. Use this feature to set the throttle servo travel.



Be sure that your throttle linkage does not apply excessive force to the servo. If your linkage installation causes an unreasonable amount of force to be applied to the servo, the servo may be damaged and result in loss of control.

Throttle EPA



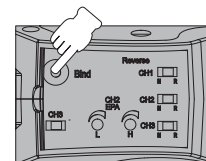
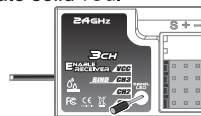
TRANSMITTER AND RECEIVER BINDING

The Binding function allows you to Bind the transmitter and receiver pair. When new, it is necessary to pair the transmitter and receiver to prevent interference from radio controllers operated by other users. This operation is referred to as 'binding'. Once the binding process is complete, the setting is remembered even when the transmitter and receiver are turned OFF. Therefore, this procedure usually only needs to be done once.



Before beginning the binding process, connect the switch harness, servos, and the receiver battery to your **MT-300RX** 3-Channel receiver, using the diagram on page 5. Make sure that both the transmitter and the receiver are turned OFF.

- 1) Turn the transmitter ON. The Power Indicator on the transmitter will illuminate solid red.
- 2) Press and hold the receiver setup button, then turn the power switch on the ON position. The receiver LED will flash quickly. Release the setup button after 1 second.
- 3) Press and hold the binding button on the transmitter for 1 second until the LED on the receiver is continuously lit.



When the binding process is successful, the Bind LED on the receiver will stay solid red when both the transmitter and receiver are turned ON. If the Bind LED on the receiver is flashing rapidly or not illuminated at all, the transmitter and receiver are not paired. In this case, turn both the transmitter and receiver OFF, then repeat the binding process.



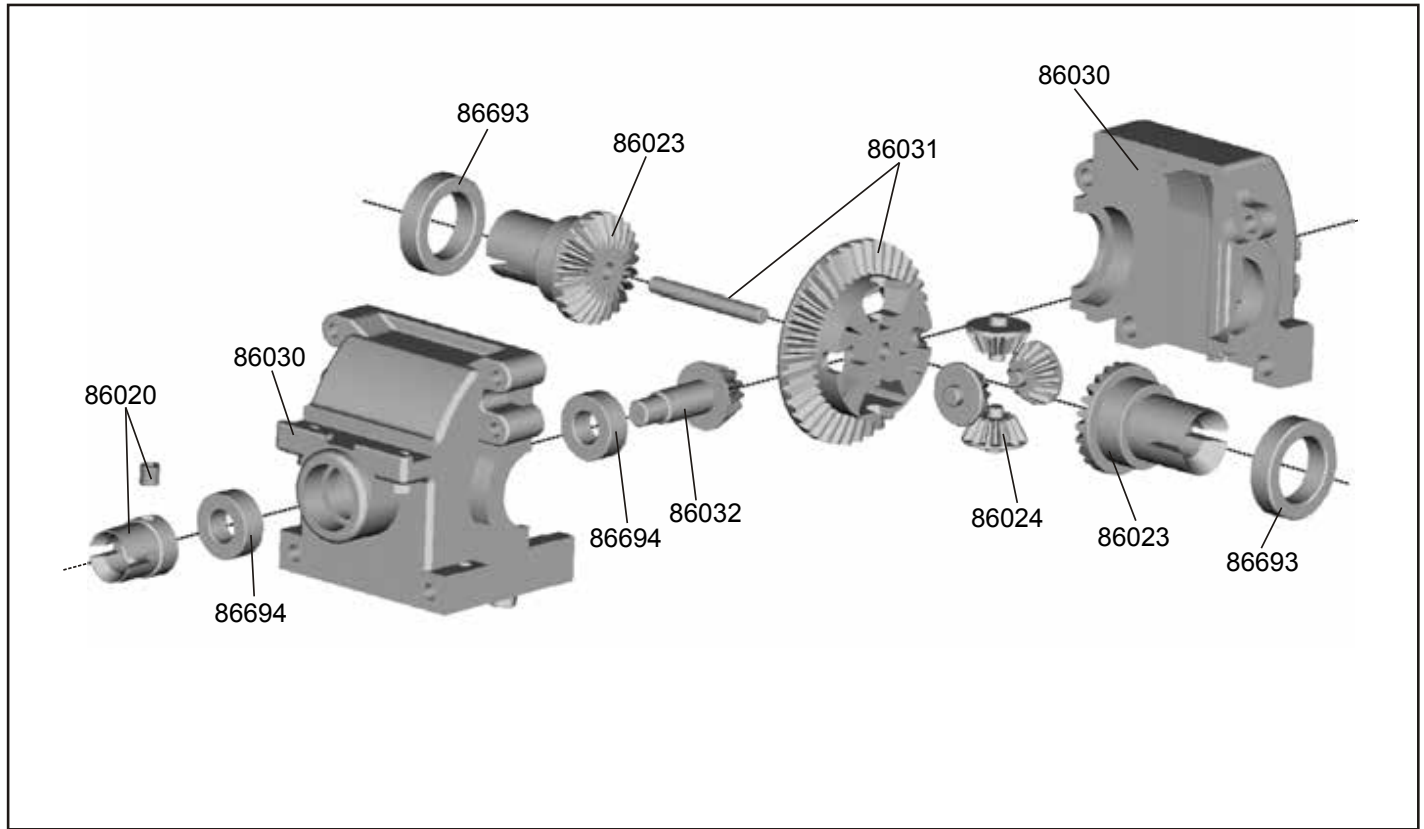
Under some circumstances, the receiver may not operate after turning the transmitter and receiver ON. If this occurs, perform the binding process again.

Please note the setup must be based on pair procedure well.

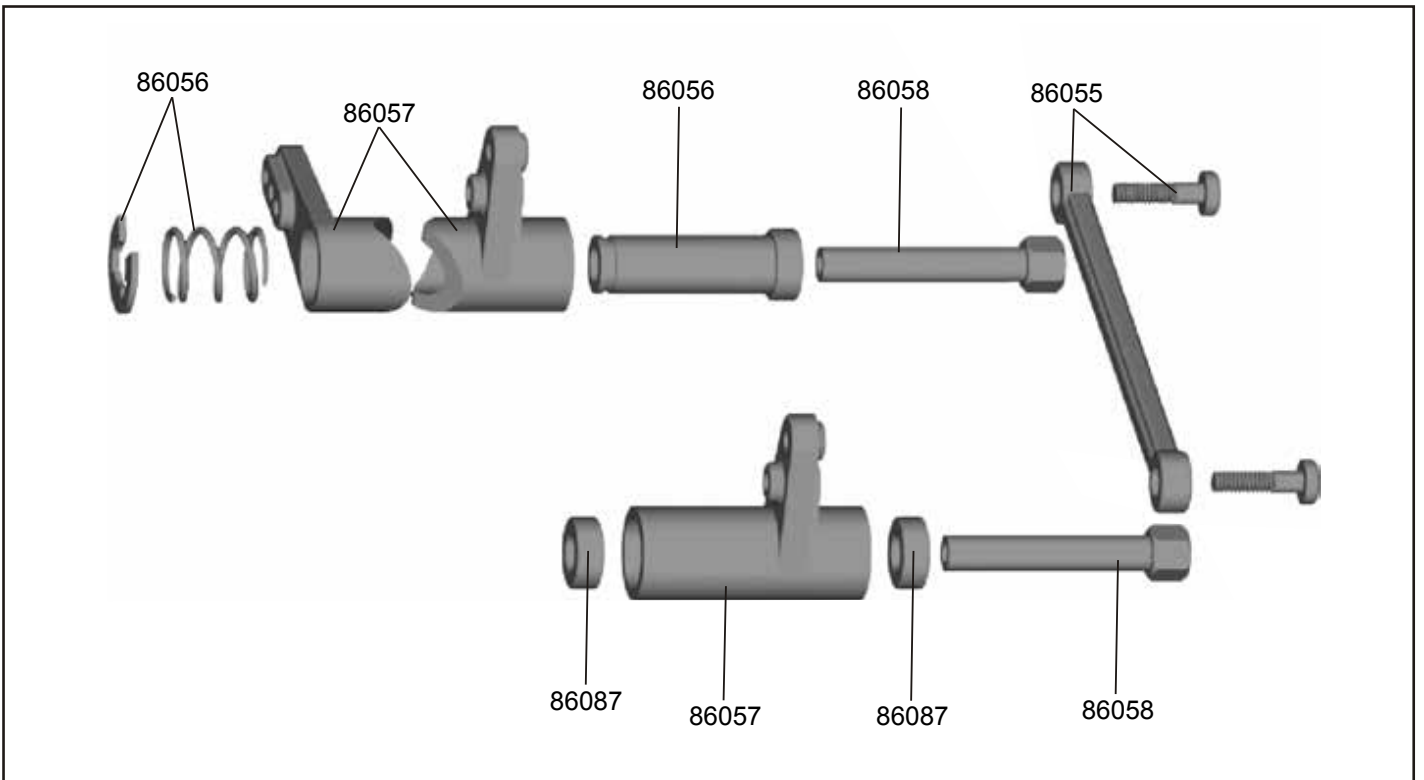
1. Turn the power switch on the transmitter & receiver to the ON position, the LED on transmitter & receiver are continuously lit.
2. Move the steering wheel or throttle trigger to the position where you want the servo to move, press and hold the receiver setup button for 2 second until the red LED on the receiver flash slowly, then press and hold the receiver setup button again within 5 seconds (Note: after 5 seconds F/S setup will reset, you have to start over at step one above) until the receiver LED is continuously lit, that's mean the F/S function has been correctly set.
3. Verify if the failsafe function has been correctly set. Turn off the transmitter, then check if the servos moves to the position that you set.
4. Any new binding (pair procedure) will clear the preset Fail-Safe.

DIFFERENTIAL GEAR

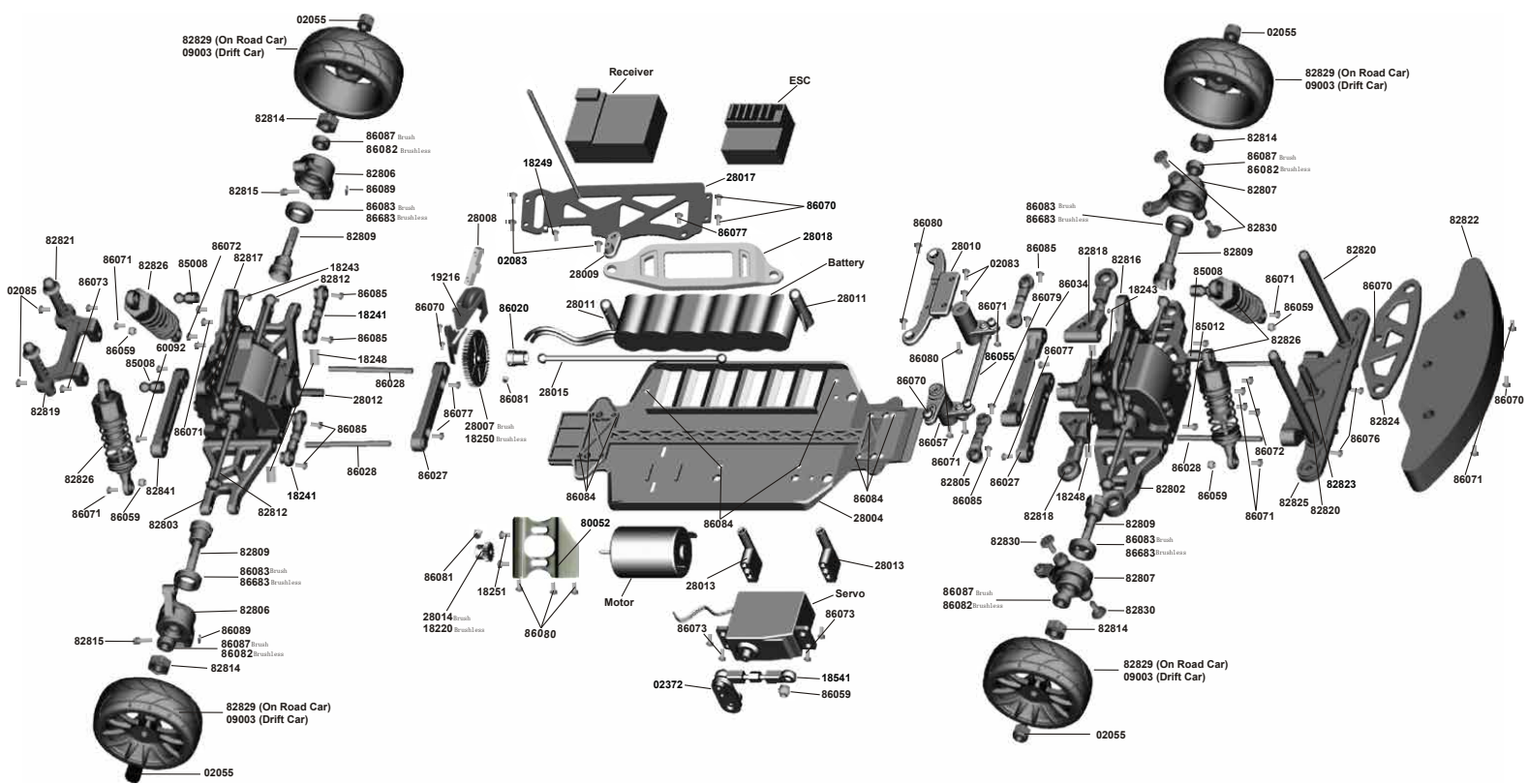
EDC-16 (Drift Car)	EXO-16 (On Road Car)	EXT-16 (Truggy)	EXB-16 (Buggy)	EXM-16 (Monster Truck)	SCT-16 (Short Course Truck)	EDT-16 (Desert Truck)	ETY-16 (Trophy Truck)	EXR-16 (Rally Car)
HI4163 HI41632L	HI4182 HI41822L	HI4183 HI41832L	HI4185 HI41852L	HI4186 HI41862L	HI4192 HI41922L	HI4193 HI41932L	HI4194 HI41942L	HI4195 HI41952L



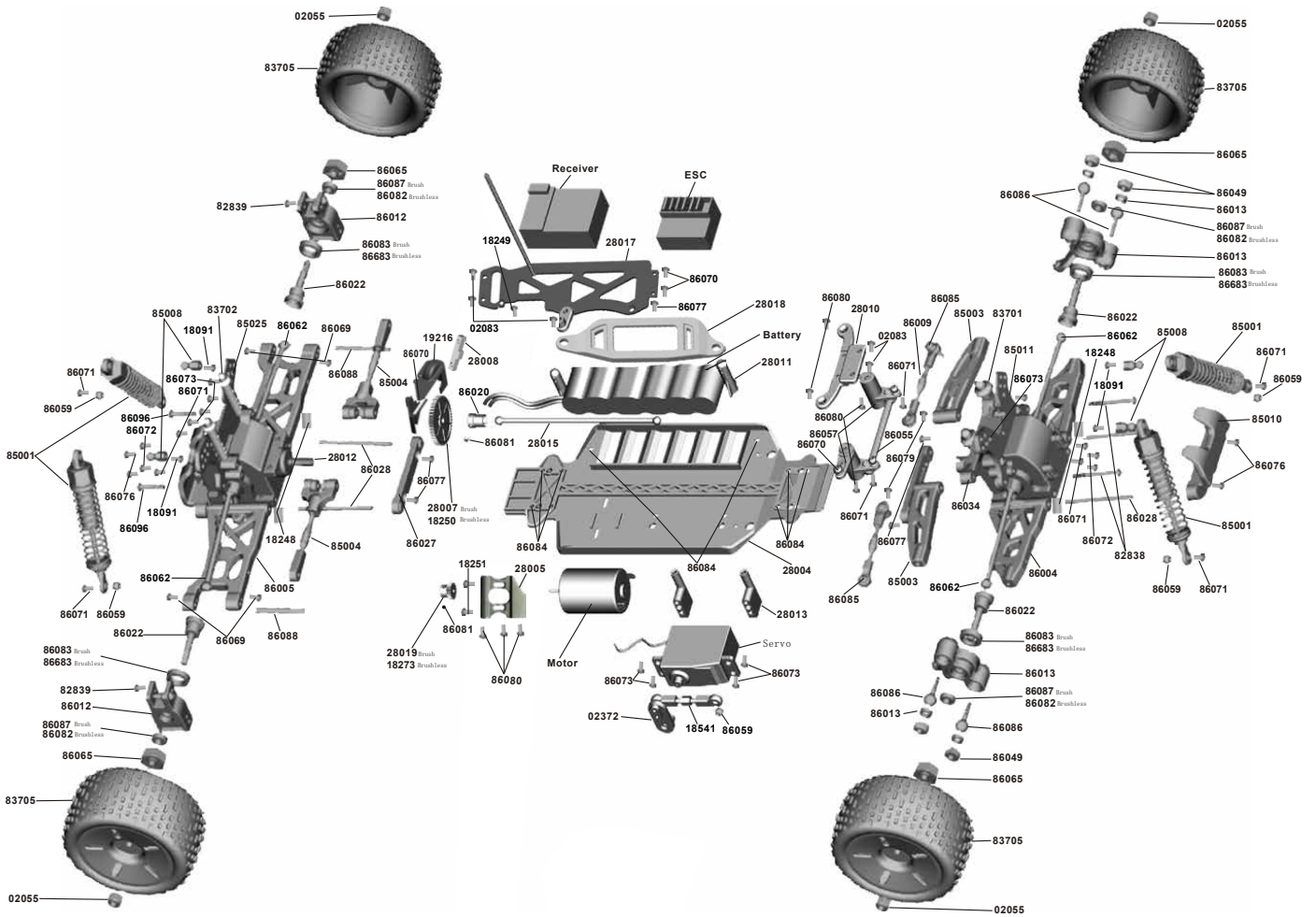
STEERING ASSEMBLY



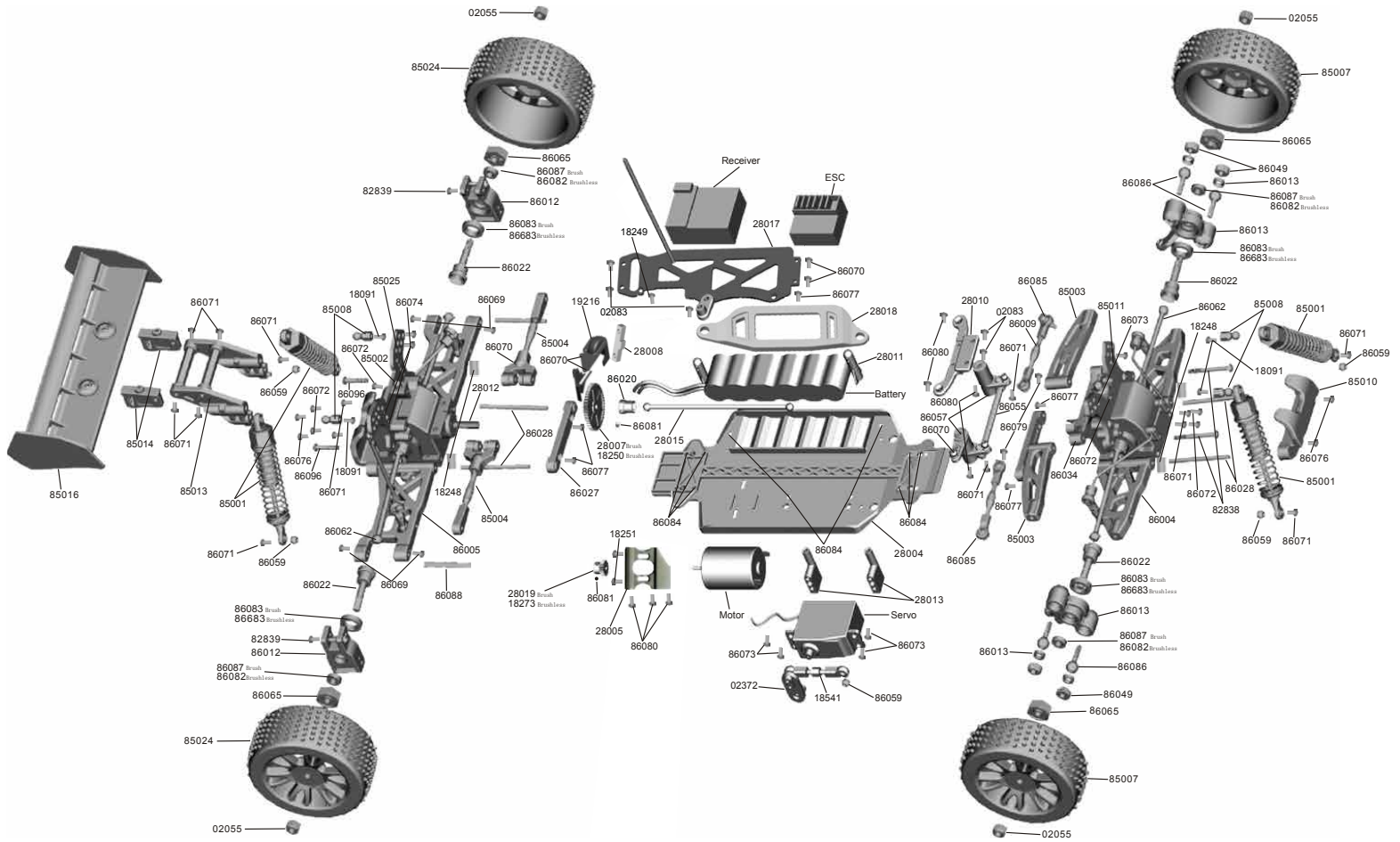
EXPLODE DIAGRAM ON ROAD CAR AND DRIFT CAR [HI4182/HI4182BL/HI4163/HI4163BL]



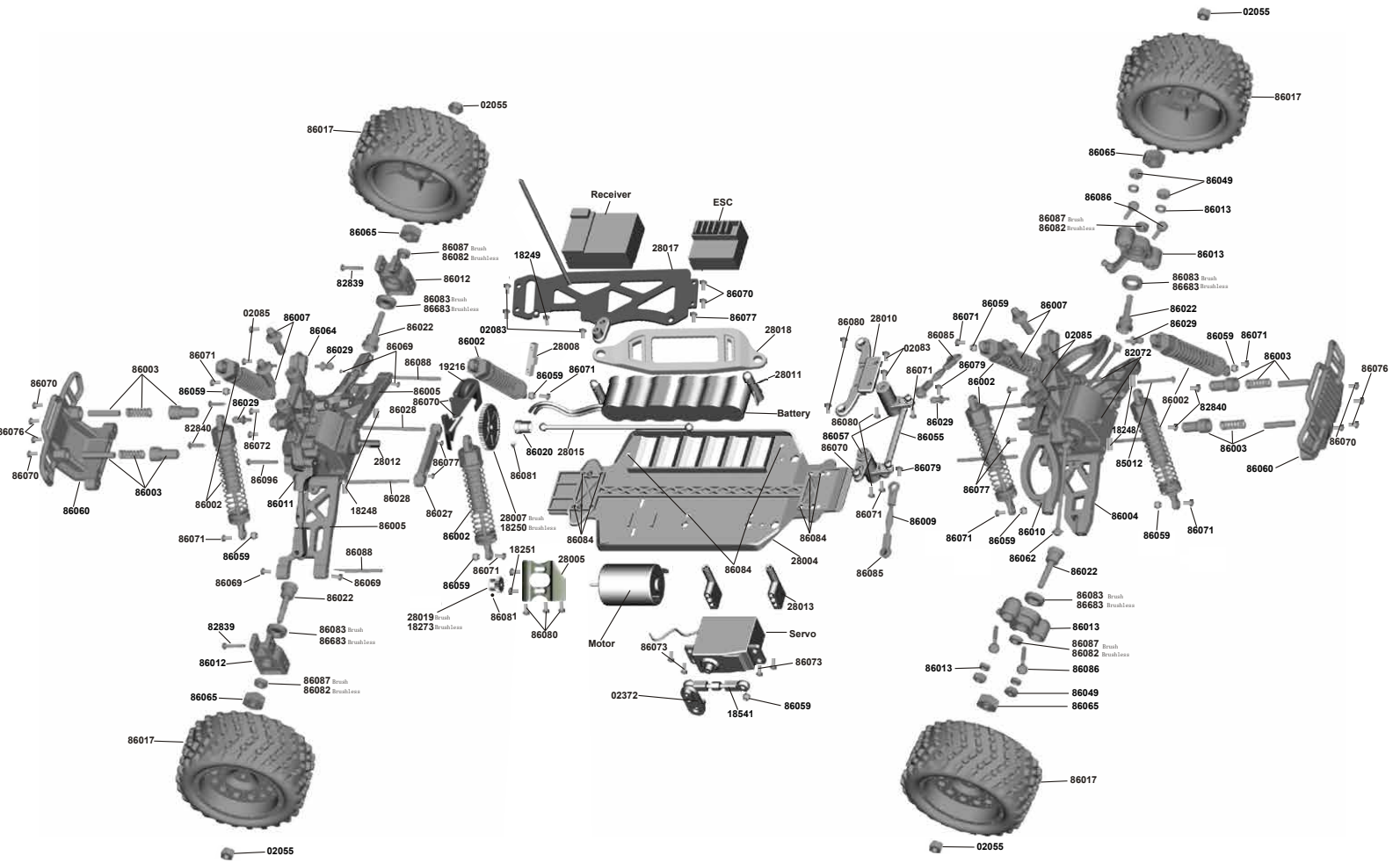
EXPLODE DIAGRAM TRUGGY (HI4183/HI4183BL)



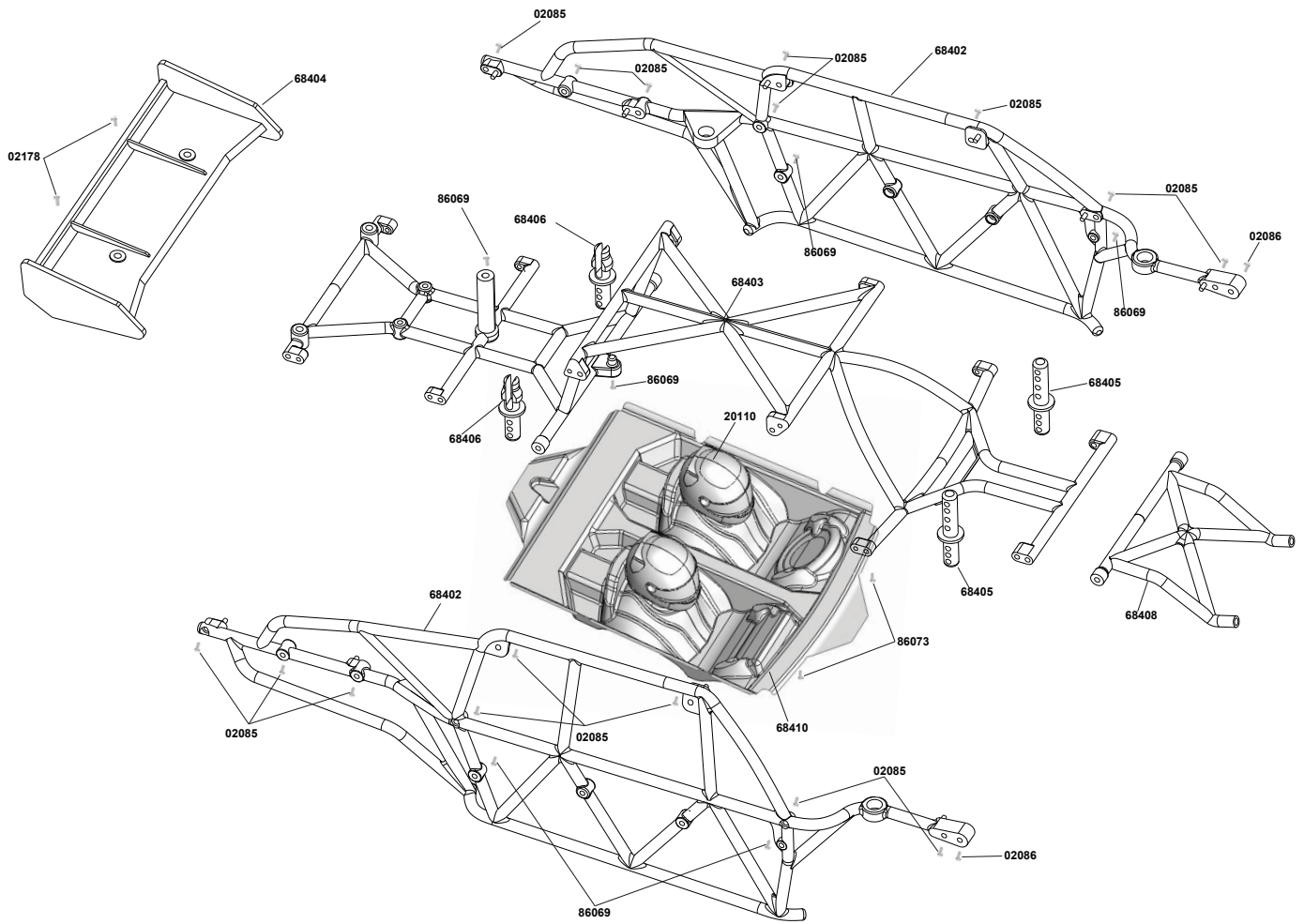
EXPLODE DIAGRAM BUGGY (HI4185/HI4185BL)



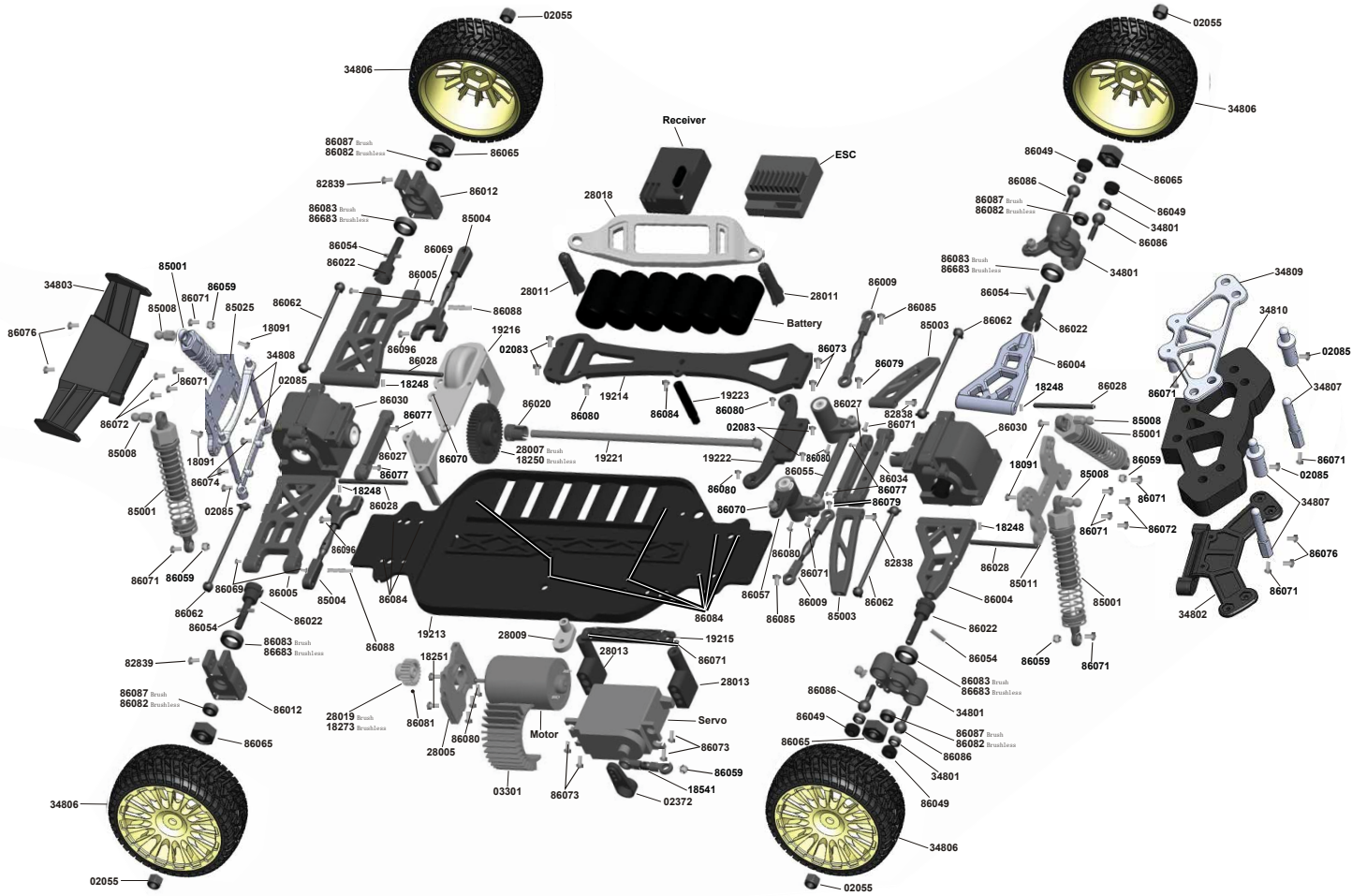
EXPLODE DIAGRAM MONSTERN TRUCK (HI4186/HI4186BL)



EXPLODE DIAGRAM DESERT TRUCK (HI4193/HI4193BL)



EXPLODE DIAGRAM RALLY CAR (HI4195/HI4195BL)



STANDARD PARTS LIST

EDC-16 (Drift Car) HI4163 HI4163BL	EXO-16 (On Road Car) HI4182 HI4182BL	EXT-16 (Truggy) HI4183 HI4183BL	EXB-16 (Buggy) HI4185 HI4185BL	EXM-16 (Monster Truck) HI4186 HI4186BL	SCT-16 (Short Course Truck) HI4192 HI4192BL	EDT-16 (Desert Truck) HI4193 HI4193BL	ETY-16 (Trophy Truck) HI4194 HI4194BL	EXR-16 (Rally Car) HI4195 HI4195BL
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85001

Not Suitable for On Road Car, Drift Car and Monster Truck



Shock Absorbers 2P

85003

Not Suitable for On Road Car, Drift Car and Monster Truck



Front Upper Susp Arms 2P

85004

Not Suitable for On Road Car, Drift Car and Monster Truck



Rear Upper Susp Arms 2P

85008

Not Suitable for Monster Truck



Shock Pivots 4P

85010

Only for Truggy and Buggy



Front & Rear Bumper 1P

85011

Not Suitable for On Road Car, Drift Car and Monster Truck



Front Shock Tower 1P

85012

Only for On Road Car, Drift Car, Monster Truck and Trophy Truck



Front Upper Susp Arm Screw 4P

85025

Not Suitable for On Road Car, Drift Car and Monster Truck



Rear Shock Tower 1P

86004

Not Suitable for On Road Car and Drift Car



Front Lower Susp Arms 2P

86005

Not Suitable for On Road Car and Drift Car



Rear Lower Susp Arms 2P

86009

Not Suitable for On Road Car and Drift Car



Steering Linkages 2P

86012

Not Suitable for On Road Car and Drift Car



Rear Uprights 2P

86013

Not Suitable for On Road Car, Drift Car and Rally Car



Steering Hubs 2P

86020



Universal Joint Cup

86022

Not Suitable for On Road Car and Drift Car



Wheel Shafts 2P

86023



Gear (24T) 1P

86024



Gear (12T) 4P

86027



F/R Lower Susp Arm Holders 2P

86028



Rear Lower Susp Pins 4P

86030



Gear Box 1P

86031



Differential Main Gear (39T) 1P

86032



Drive Gear (11T) 1P

86033



Differential Gear Complete (39T) 1P

86034



Front Upper Susp Arm Holder 1P

STANDARD PARTS LIST

EDC-16 (Drift Car) HI4163 HI4163BL	EXO-16 (On Road Car) HI4182 HI4182BL	EXT-16 (Truggy) HI4183 HI4183BL	EXB-16 (Buggy) HI4185 HI4185BL	EXM-16 (Monster Truck) HI4186 HI4186BL	SCT-16 (Short Course Truck) HI4192 HI4192BL	EDT-16 (Desert Truck) HI4193 HI4193BL	ETY-16 (Trophy Truck) HI4194 HI4194BL	EXR-16 (Rally Car) HI4195 HI4195BL
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86049

Not Suitable for On Road Car and Drift Car



Ball End Caps 4P

86054



Pins 4P

86055



Steering Joint Lever 1Set

86056



Servo Saver Assembly 1Set

86057



Steering Sway Arms 1Set

86058



Steering Posts (Steel) 2P

86059



Shock Balls 8P

86062

Not Suitable for On Road Car and Drift Car



F/R Dogbones 2P

86065

Not Suitable for On Road Car and Drift Car



1.5*10 Pin Wheel Hex 4P

86069

Not Suitable for On Road Car and Drift Car



2.6*6 CH Screws 14P

86070



2.6*8 CH Screws 10P

86071



2.6*10 CH Screws 10P

86072



2.6*12 CH Screws 4P

86073



3*8 CH Screws 4P

86074

Not Suitable for On Road Car
Drift Car, Truggy and Monster Truck



3*10 CH Screws 4P

86076



3*18 RH Screws 4P

86077



3*8 FH Screws 9P

86079



2.6*10 FH Screws 6P

86080



2.6*6 FH Screws 4P

86081



M3*3 Grub Hex Screws 8P

86082



Ball Bearing 8*4*3 4P

86683



Ball Bearing 8*12*3.5 4P

86083



F12*8*3.5 Copper Bearing 4P

86084



2.6*8 FH Screws 10P

STANDARD PARTS LIST

EDC-16 (Drift Car) HI4163 HI4163BL	EXO-16 (On Road Car) HI4182 HI4182BL	EXT-16 (Truggy) HI4183 HI4183BL	EXB-16 (Buggy) HI4185 HI4185BL	EXM-16 (Monster Truck) HI4186 HI4186BL	SCT-16 (Short Course Truck) HI4192 HI4192BL	EDT-16 (Desert Truck) HI4193 HI4193BL	ETY-16 (Trophy Truck) HI4194 HI4194BL	EXR-16 (Rally Car) HI4195 HI4195BL
---	---	--	---	---	--	--	--	---

86085



2.6*12 FH Screws 4P

86086



M3 BH Screws 4P

86087



F8*4*3 Copper Bearings 4P

86088

Not Suitable for On Road Car and Drift Car



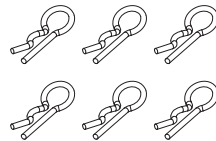
Rear Susp Pins 2P

86089



F2 E-Clips 10P

86090



Body Clips 6P

86693



Ball Bearing 10*15*4 4P

86694



Ball Bearing 5*10*4 4P

86096

Not Suitable for On Road Car and Drift Car



Rear Upper Susp Arm
Screws 2.6*17.5mm 4P

82838

Not Suitable for On Road Car, Drift Car and Monster Truck



Susp Arm Screws 2.6*25.5mm 4P

82839

Not Suitable for On Road Car and Drift Car



Susp Arm Screws 2.6*12.5mm 4P

28004

Not Suitable for SCT, Desert Truck
Trophy Truck and Rally Car



Chassis 1P

28005



Motor Brace 1P

28008

Not Suitable for Desert Truck



Radio Tray Bottom Mount 1P

28009



Antenna Mounts 4P

28010

Not Suitable for SCT
Trophy Truck and Rally Car



Front Top Plate 1P

28011



Battery Posts 2P

28012



Drive Pinion (11T) 1P

28013



Servo Mount 2P

28015

Not Suitable for SCT
Trophy Truck and Rally Car



Alum Center Main Dogbone 1P

28017

Only for On Road Car, Drift Car, Buggy and Monster Truck



New Radio Tray 1P

28018



New Battery Cover 1P

18091

Not Suitable for On Road Car, Drift Car and Monster Truck



M3*6 BH Screw 6P

18248



M3*6 Grub Hex Screws 8P

STANDARD PARTS LIST

EDC-16 (Drift Car)	EXO-16 (On Road Car)	EXT-16 (Truggy)	EXB-16 (Buggy)	EXM-16 (Monster Truck)	SCT-16 (Short Course Truck)	EDT-16 (Desert Truck)	ETY-16 (Trophy Truck)	EXR-16 (Rally Car)
HI4163 HI4163BL	HI4182 HI4182BL	HI4183 HI4183BL	HI4185 HI4185BL	HI4186 HI4186BL	HI4192 HI4192BL	HI4193 HI4193BL	HI4194 HI4194BL	HI4195 HI4195BL

18249

Not Suitable for SCT, Trophy Truck and Rally Car



2.6*6 CH Screws 10P

18251



2.6*5 CH Screws 10P

18541



Servo Links 2P

18546



2.6 BH Screws 4P

19216



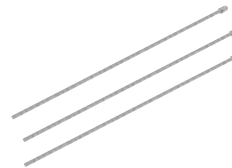
Gear Shelter 1P

02055



M4 Nylon Lock Nut 8P

02057S



Antenna Pipes 3P

02083



3*12 RH Screws 6P

02085

Not Suitable for Buggy and Truggy



BT2*8 BH Screws 8P

02103



Zip Ties 6P

02372



Steering Servo Arm 2P

03301



Motor Heat Proof Cover 1P

86002



Shock Absorbers 2P

86003



Bumper Springs/Mounts 1Set

86007



Body Posts 4P

86010



Front Upper Susp Arms 2P

MONSTER TRUCK

86011



Rear Upper Susp Arms 2P

86060



F/R Bumper 1P

86064



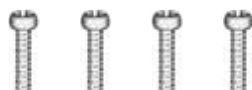
F/R Shock Tower 1P

86029



Shock Ball Head Screws 8P

82840



2.6*16 RH Screws 4P

86016



Tires 2P

86015W 86015V
86015BL 86015PB



Wheel Rims 2P (White/ Black/
Chrome/ Blue Chrome)

86017W 86017V
86017BL 86017PB



Rim & Tire Complete 2P(White/
Black/ Chrome/Blue Chrome)

STANDARD PARTS LIST

EDC-16
(Drift Car)
HI4163
HI41632L

EXO-16
(On Road Car)
HI4182
HI41822L

ON ROAD CAR/DRIFT CAR

82802



Front Lower Susp Arms 2P

82803



Rear Lower Susp Arms 2P

82805



Steering Linkages 2P

82806



Rear Uprights 2P

82807



Steering Hubs 2P

82809



Wheel Shafts 2P

82812



F/R Dogbones 2P

82814



Wheel Hex 4P

82815



Rear Susp Pins 2P

82816



Front Shock Tower 1P

82817



Rear Shock Tower 1P

82818



Front Upper Susp Arms 2P

82819



Body Post Holder 1P

82820



Front Body Posts 2P

82821



Rear Body Posts 2P

82822



Front Bumper Foam 1P

82823



Impact Resistant Sponge Posts 2P

82824



Front Foam Upper Cover 1P

82825



Front Foam Lower Holder 1P

82826



On Road Shock Sets 2P

82830



Steering Screws 4P

82841



Rear Lower Susp Arm Holders 1P

60092



3*18 FH Screws 6P

18241



Rear Upper Links 2P

18243



3*8 CH Screws 10P

STANDARD PARTS LIST

EDC-16
(Drift Car)
HI4163
HI4163BL

EXO-16
(On Road Car)
HI4182
HI4182BL

EXT-16
(Truggy)
HI4183
HI4183BL

EXB-16
(Buggy)
HI4185
HI4185BL

ON ROAD CAR
DRIFT CAR

82828
Only for On Road Car



Tires 2P

82827W 82827V
82827BL 82827PB



Wheel Rims 2P (White/ Blue/ Chrome/ Blue Chrome)

82829W 82829V
82829BL 82829PB

Only for On Road Car



Rim & Tire Complete (82827+82828)
2P(White/ Blue/Chrome/ Blue Chrome)

09003V 09003PB

Only for Drift Car



Drift Rim & Tire Complete (82827+09001)
2P(Chrome/ Blue Chrome)

TRUGGY

83701
Front Body Post 1P



83702
Body Posts 2P



83704



Tires 2P

83703W 83703V
83703BL 83703PB



Wheel Rims 2P (White/Black/ Chrome/ Blue Chrome)

83705W 83705V
83705BL 83705PB



Rim & Tire Complete (83703+83704)
2P(White/ Blue/Chrome/ Blue Chrome)

BUGGY

85002



F/R Body Post 1Set

85013



Buggy Wing Stay 1Set

85014




Adjustable Wing Mount 2P

85016W



White Buggy Wing 1P

85006



Front Tires 2P

85005W 85005V
85005BL 85005PB



Front Wheel Rims 2P (White/ Black/ Chrome/ Blue Chrome)

85007W 85007V
85007BL 85007PB




Front Rim & Tire Complete (85005+85006)
2P(White/ Blue/Chrome/ Blue Chrome)

85016BL



Black Buggy Wing 1P

85023



Rear Tires 2P

85022W 85022V
85022BL 85022PB



Rear Wheel Rims 2P (White/ Black/ Chrome/ Blue Chrome)

85024W 85024V
85024BL 85024PB



Rear Rim & Tire Complete (85022+85023)
2P(White/ Blue/Chrome/ Blue Chrome)

STANDARD PARTS LIST

SCT-16
(Short Course Truck)
HI4192
HI4192BL

EDT-16
(Desert Truck)
HI4193
HI4193BL

ETY-16
(Trophy Truck)
HI4194
HI4194BL

EXR-16
(Rally Car)
HI4195
HI4195BL

SHORT COURSE TRUCK, DESERT TRUCK, RALLY CAR

19211
Only for Short Course Truck and Trophy Truck



Front Bumper 1P

19212
Only for SCT, Desert Truck and Trophy Truck



Rear Bumper 1P

19213
Only for SCT, Trophy Truck and Rally Car



Chassis 1P

19214
Only for SCT, Trophy Truck and Rally Car



Radio Tray 1P

19215
Only for SCT, Trophy Truck and Rally Car



Switch Fixing Plate 1P

19217
Only for Short Course Truck



Body Post 4P

19218
Only for Short Course Truck and Desert Truck



Post Mount 1Set

19221
Only for SCT, Trophy Truck and Rally Car



Alum Center Main Dogbone 1P

19222
Only for SCT, Trophy Truck and Rally Car



Front Top Plate 1P

19223
Only for SCT, Trophy Truck and Rally Car



Radio Tray Reinforced Post 1P

34808
Only for Trophy Truck and Rally Truck



Rear Body Post and Body Mount

34901
Only for Trophy Truck
Front Body Post and Body Mount



02102
Only for Trophy Truck
M3 Nylon Lock Nuts 8P



RALLY CAR

34801
Steering Hub



Steering Hub

34802
Front Bumper



Front Bumper

34807
Front Body Post



Front Body Post

34809
Bumper Plate



Bumper Plate

34810
Foam



Foam

34803
Rear Bumper



Rear Bumper

85848
2*6 BH Screws 4P



2*6 BH Screws 4P

34805
Tires 2P



Tires 2P

34804W 34804V 34804BL 34804PB
Wheel Rims 2P (White/Black/Chrome/ Blue Chrome)



Wheel Rims 2P (White/Black/Chrome/ Blue Chrome)

34806W 34806V 34806BL 34806PB
Rim & Tire Complete (34804+34805) 2P (White/Black/Chrome/ Blue Chrome)



Rim & Tire Complete (34804+34805) 2P (White/Black/Chrome/ Blue Chrome)

STANDARD PARTS LIST

SCT-16
(Short Course Truck)

HI4192
HI4192BL

EDT-16
(Desert Truck)

HI4193
HI4193BL

ETY-16
(Trophy Truck)

HI4194
HI4194BL

DESERT TRUCK

68401



Roll Cage

68402



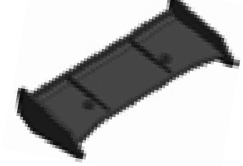
Roll Cage A/B

68403



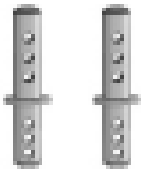
Roll Cage C

68404



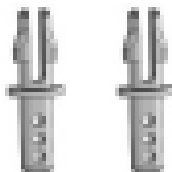
Wing

68405



Front Body Post

68406



Rear Body Post

68407



Radio Tray+Radio Tray
Bottom Mount(Thick)

68408



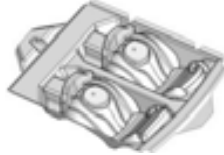
Front Bumper

68409



Spare Black Tire

68410



Control Board

68411



Spare Chrome Tire

20110



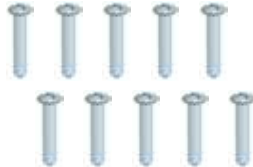
Helmet

18551



Chassis 1P

02086



2*10 BH Screws 10P

02178



3*12 FH Screws 10P

SHORT COURSE TRUCK / DESERT TRUCK / TROPHY TRUCK

19219



Tires 2P

85022W 85022V
85022BL 85022PB



Rear Wheel Rims 2P (White/
Black/ Chrome/ Blue Chrome)

19220W 19220V
19220BL 19220PB



Rim & Tire Complete (85022+19219)
2P (White/Black/ Chrome/ Blue Chrome)

TRANSMITTER & SERVO

HTX-242



Two Button 2.4 Ghz Radio Set

HTX-242T



Two Button 2.4 Ghz Radio

HTX-RX



4channels 2.4G Receiver 1P

SERVO6KG



6KG Servo Unit 1P

MT-300



2.4GHZ Radio Set

MT-300TX



2.4GHZ Transmitter

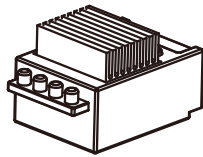
MT-300RX



3channels 2.4GHZ Waterproof Receiver

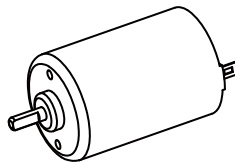
ELECTRONICS

03058



Electronic Speed Controller

28006



Motor (RC 380)

28003



Ni-MH Battery (7.2V,1100mAh)

03027



Charger/Battery Wire Connector 1P

28007



Spur Gear (50T) 1P

28014

Only for On Road Car and Drift Car



Motor Gear (20T) 1P

28019

Not Suitable for On Road Car and Drift Car



Motor Gear (16T) 1P

E020

US Standard

E021

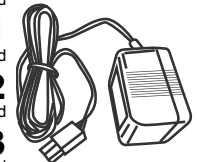
EU Standard

E022

AU Standard

E023

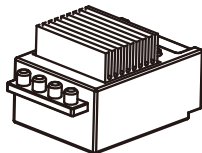
UK Standard



Battery Charger

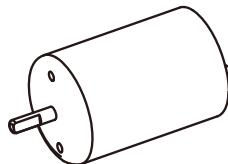
ELECTRONICS FOR BRUSHLESS VERSION

28405



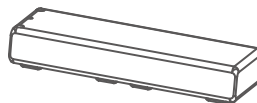
Brushless ESC

28470



Brushless Motor 1P

LP7415



Li-Po Battery (7.4V 1500mAh 2S 25C) w/Small Tamiya Plug 1P

A3US

US Standard

A3EU

EU Standard

A3AU

AU Standard

A3UK

UK Standard



A3 2S, 3S LiPo Balance Charger AC Input

18250



Spur Gear Steel (50T) 1P

18220

Only for On Road Car and Drift Car



Motor Gear Steel (20T) 1P

18273

Not Suitable for On Road Car and Drift Car



Motor Gear Steel (16T) 1P

28003

Optional



Ni-MH Battery (7.2V,1100mAh)

OPTIONAL PARTS LIST

EDC-16 (Drift Car)	EXO-16 (On Road Car)	EXT-16 (Truggy)	EXB-16 (Buggy)	EXM-16 (Monster Truck)	SCT-16 (Short Course Truck)	EDT-16 (Desert Truck)	ETY-16 (Trophy Truck)	EXR-16 (Rally Car)
HI4163 HI4163BL	HI4182 HI4182BL	HI4183 HI4183BL	HI4185 HI4185BL	HI4186 HI4186BL	HI4192 HI4192BL	HI4193 HI4193BL	HI4194 HI4194BL	HI4195 HI4195BL

182002

Not Suitable for Short Course Truck
Trophy Truck and Rally Car



Blue Alum Optional Radio Tray 1P

182026

Not Suitable for Short Course Truck
Trophy Truck and Rally Car



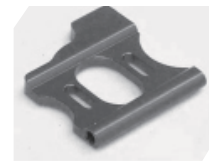
Blue Alum Optional Front Top Plate(A1)

182073



Blue Alum Optional Battery Cover 1P

182205



Blue Alum Motor Brace 1P

182211



Blue Alum Battery Posts 2P

182074



Optional Servo Mount 2P

282004

Only for On Road Car and
Drift Car



Blue Alum Shocks Absorber 2P

282011

Only for On Road Car and
Drift Car



Blue Alum Steering

282012

Only for On Road Car and
Drift Car



Blue Alum Rear Uprights 2P

282018

Only for On Road Car and
Drift Car



Blue Alum Front Upper Susp Arms 2P

282019

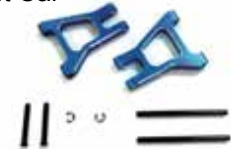
Only for On Road Car and
Drift Car



Blue Alum Front Lower Susp Arms 2P

282021

Only for On Road Car and
Drift Car



Blue Alum Rear Lower Susp Arms 2P

282022

Only for On Road Car and
Drift Car



Blue Alum Front Shock Tower 1P

282023

Only for On Road Car and
Drift Car



Blue Alum Rear Shock Tower 1P

282037

Only for On Road Car and
Drift Car



Blue Alum Front Body Posts 2P

282038

Only for On Road Car and
Drift Car



Blue Alum Rear Body Posts 2P

282039

Only for On Road Car and
Drift Car



Alum Wheel Rims 2P

282042

Only for On Road Car and
Drift Car



Blue Alum Wheel Hex 4P

282072

Only for On Road Car and
Drift Car



Blue Alum Body Post Holder 1P

283037

Only for Truggy



Blue Alum Front Body Post 1P

285004

Not Suitable for On Road Car
Drift Car and Monster Truck



Shock Absorbers 2P

285018

Not Suitable for On Road Car
Drift Car and Monster Truck



Shock Absorbers 2P

285020

Not Suitable for On Road Car
and Drift Car



Blue Alum Rear Upper Susp Arms 2P

285022

Not Suitable for On Road Car
Drift Car and Monster Truck



Blue Alum Front Shock Tower 1P

OPTIONAL PARTS LIST

EDC-16 (Drift Car)	EXO-16 (On Road Car)	EXT-16 (Truggy)	EXB-16 (Buggy)
HI4163 HI41632L	HI4182 HI41822L	HI4183 HI41832L	HI4185 HI41852L

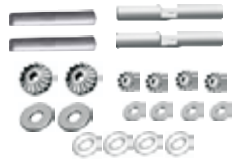
50064

Front/Rear Diff.Shell Set



50067

Front/Rear Diff. Gear Set



50071

Front /Rear Crown Gear
(33T)



50078

Servo Washers
Φ3*8*0.8MM 9P



50080

Nuts(M5) 9P



50081

Nuts (M6) 6P



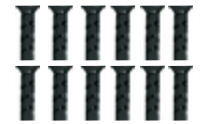
50083

Countersunk Mechanical
Screw(3*10) 4P



50084

Countersunk Mechanical
Screw (4*12) 12P



286015

286018

286019

286021

286022

286031

286037

286039

286040

286057

286680

286681























286040

286057

286680

286681

CAR BODY

TRUCKY	18301	18302	18303	18304
				
	18501	18502	18503	18504
				
MONSTER TRUCK	18601	18602	18603	18604
				
	19201	19202	19204	19205
				
DESERT TRUCK TROPHY TRUCK	19311	19312	19401	19402
				
	Desert Truck Body	Desert Truck Body	Trophy Truck Body	Trophy Truck Body
RALLY CAR	19501	19502		
				

1/16TH SCALE



SPECIFICATIONS

Model	Code	Length	Width	Height	Wheel Base	Diameter of Wheel	Width of Wheel
DRIFT CAR	HI4163 HI4163BL	265mm	140mm	80mm	174mm	50mm	20mm
ON ROAD CAR	HI4182 HI4182BL	265mm	140mm	80mm	174mm	50mm	20mm
TRUGGY	HI4183 HI4183BL	250mm	205mm	88mm	174mm	72mm	36mm
BUGGY	HI4185 HI4185BL	280mm	191mm	110mm	174mm	70mm	25mm(F) 29mm(R)
MONSTER TRUCK	HI4186 HI4186BL	251mm	216mm	120mm	174mm	75mm	38mm
SHORT COURSE TRUCK	HI4192 HI4192BL	365mm	194mm	110mm	200mm	74mm	30mm
DESERT BUGGY	HI4193 HI4193BL	365mm	200mm	145mm	176mm	72mm	30mm
TROPHY TRUCK	HI4194 HI4194BL	365mm	194mm	110mm	200mm	74mm	30mm
RALLY CAR	HI4195 HI4195BL	370mm	200mm	145mm	204mm	65mm	26mm