EDGE

1/10TH SCALE 2WD ELECTRIC POWERED READY-TO-RUN OFF ROAD BUGGY BRUSHLESS OR BRUSHED MOTOR

COMPONENT AND UPGRADE PARTS LISTING

www.ftx-rc.com

Edge Ready-To-Run Buggy

Congratulations on your purchase of the Edge 2wd Buggy.

This 1/10th scale model has been factory assembled and all electrics installed and set up to make it the easiest possible introduction to the sport of driving RC cars.

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.
This is NOT a toy and must be operated with caution and common sense. Failure to operate this product in a safe and responsible manner could result in damage, injury or damage to other property.
This product is not intended for use by children without direct adult supervision.
It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, set-up or use, in order to operate correctly and avoid damage or serious injury.

Safety Precautions and Warnings

- You are responsible for operating this model such that it does not endanger yourself and others, or result in damage to the product or the property of others.
- This model is controlled by a radio which is possibly subject to interference which can cause momentary loss of control so it is advisable to always keep a safe distance to avoid collisions or injury.
- Age Recommendation: 14 years or over. This is not a toy. This product is not intended for use by children without direct adult supervision.

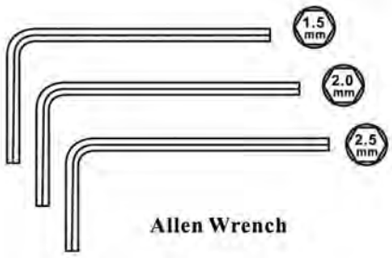
Carefully follow these directions and warnings, plus those of any additional equipment associated with the use of this model, chargers, ESC and motors, radio etc.

- Never operate your model with low transmitter batteries.
- Always operate your model in an open area away from cars, traffic or people.
- Never operate the model in the street or in populated areas.
- Always keep the vehicle in direct line of sight, you cannot control what you cannot see!
- Keep all chemicals, small parts and anything electrical out of the reach of children.
- Avoid water exposure, moisture causes damage to electronics and may result in the loss of control or permanent damage.
- Avoid injury from high speed rotating parts, gears and axles etc.
- Novices should seek advice from more experienced people to operate the model correctly and meet its performance potential.
- Exercise caution when using tools and sharp instruments.
- Do not put fingers or any objects inside rotating and moving parts.
- Take care when carrying out repairs or maintenance as some parts may be sharp.
- Do NOT touch equipment such as the motor, electronic speed control and battery, immediately after using your model because they can generate high temperatures.
- Be sure that you operating frequency is clear before turning on your model.
- Ensure that others are aware of your operating frequency.
- When changing frequency ensure the crystals are installed correctly, they are marked TX for transmitter and RX for receiver.
- Always turn on your transmitter before you turn on the receiver in the car. Always turn off the receiver before turning your transmitter off.
- Keep the wheels of the model off the ground, and keep your hands away from the wheels when checking the operation of the radio equipment.
- Prolong motor life by preventing overheat conditions. Undue motor wear can result from frequent turns, rapid change of direction forwards/backwards, continuous stop/starts, pushing/pulling objects, driving in deep sand and tall grass, or driving continuously up hill.

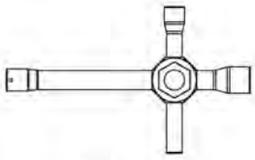
Contents:

FTX Edge 2wd Buggy, Transmitter, Charger, Battery, Aerial Tube

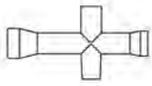
ASSEMBLY KIT REQUIRED (NOT INCLUDED IN THE PACKAGING):



Allen Wrench

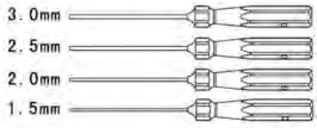


Cross Wrench (Large)
(8 /9 /10 /12mm)

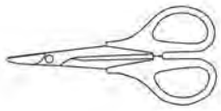


Cross Wrench (Small)
(2 / 2.5 / 3 /4mm)

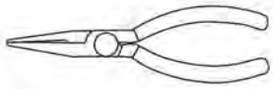
Turnbuckle Wrench



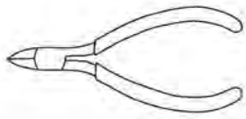
Screw Driver



Curve Head Scissors



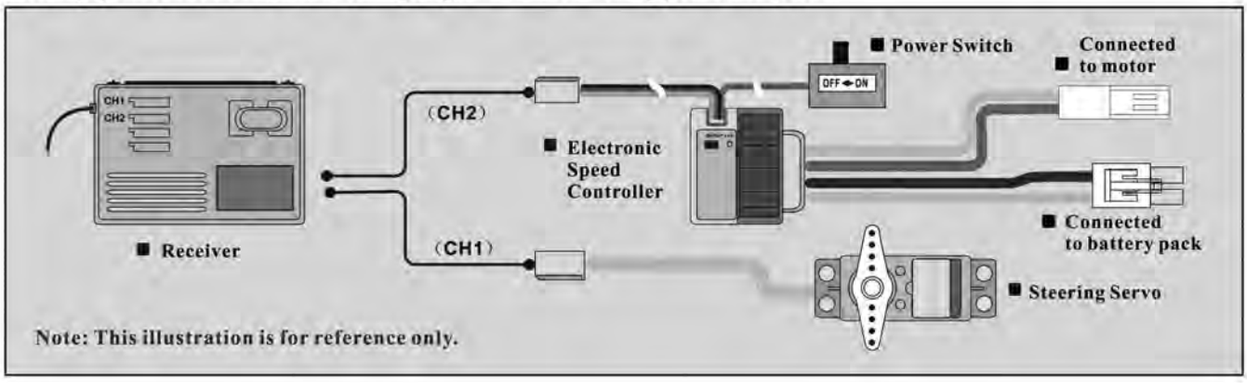
Acutilingual Plier



Body Cutter

RADIO SYSTEM FLOW DIAGRAM

Please pay close attention to the following diagram while connecting your radio system.



RADIO INTRODUCTION

for Brushed 27mhz model (Refer to separate instruction booklet for Etronix 2.4ghz)

FUNCTIONS OF SWITCHES

This AM radio is easily switchable for users to have a good control of the car.

1. Antenna	10. Trigger
2. Control Wheel	11. Throttle Reverse Switch
3. Power Indicator	12. Steering Reverse Switch
4. Steering Trim	13. Hook
5. Throttle Trim	14. Crystal Slot
6. EPA-Right(Steering)	15. Charging Socket
7. EPA-Left(Steering)	16. Power Switch
8. EPA-Forward(Throttle)	17. Steering Dual Rate Control Dial
9.EPA-Backward(Throttle)	18. Battery Compartment

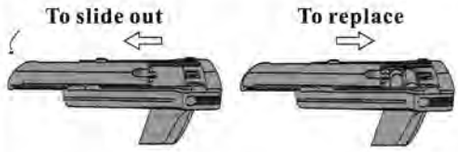
TO KEEP YOUR TRANSMITTER READY TO USE

To install the antenna to your transmitter

Insert the antenna first, then turn it anti-clockwise until it is locked to transmitter.

Never turn it hard as it will do damage to the thread inside the transmitter.

- *Fully extend the antenna for better transmitting performance while driving your vehicle.*



Slide out the battery holding tray to expose the empty battery compartment.
Insert eight AA size batteries into the marked spaces. Please note the correct direction of the batteries.

TRANSMITTER BATTERY INFORMATION

1. Please use batteries of same types. Never mix new and old batteries.
2. Please remove batteries from the compartment if not in use a long period of time.
3. Incorrect battery installment will cause leak. Dispose of exhausted batteries into a recycle bin.
4. Verify that you should use the crystals of same frequency for your transmitter and receiver.
5. Please clean the rust and/or the dirt with a knife if they are founded on the battery contacts.
6. You can charge your rechargeable batteries by using a matched charger(DC9.6V 250mA).
   Insert the charger plug into transmitter charging slot to charge . Switch off transmitter power first before performing charging. Never charge your batteries unattended.

USE OF THE TRANSMITTER

POWER SWITCH

► Switch on/off the power.

ANTENNA

► Fully extend the antenna for better receiving performance when using.

BATTERY INDICATORS

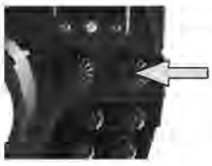
► Always check battery level.
You may lose of control of your vehicle by low battery power.
Full power (yellow/green/red light are all on)
Enough power (yellow/green light are both on)
Low power (red light is on)

USE OF THE TRANSMITTER-2

STEERING TRIM DIAL

► Steering Trim is to fine tune the servos' centre. To make some steering trim adjustment.

THROTTLE TRIM DIAL



► Throttle Trim is to set the throttles' neutral point. To make some throttle trim adjustment.

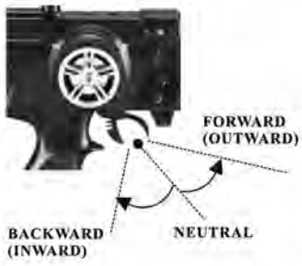
CRYSTAL SLOT

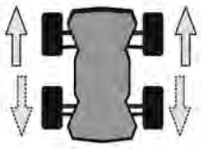
► This slot will be inserted with the frequency crystal of the transmitter. Please use a pair of matched crystals for transmitter and receiving system on the car.

CHARGING JACK

► It should be used only for rechargeable batteries. Use the specified charger (DC9.6V，250MA) only. Do not overcharge (normal charging time: 4-5hours.)

TRIGGER CONTROL

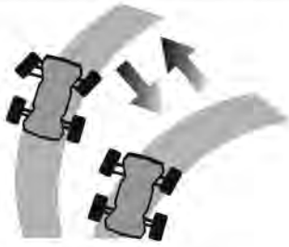




It is to control speed and braking ability of your car.
Pull the trigger to accelerate, release it to decelerate, and push it to brake.
Pushing the trigger a second time activates the reverse function.

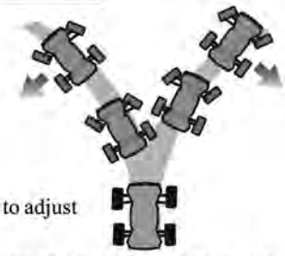
STEERING DUAL RATE CONTROL DIAL

► This dial adjusts the overall travel of the steering servo. Push the dial forward for maximum steering. Pull the dial back to reduce the steering level.



Place your car on the ground and check the turning radius of your car.
If the car turns too sharply rotate the dial towards the back of the transmitter.
If you desire for a smaller turning radius, rotate the dial forwards.

EPA ADJUSTMENT (STEERING)



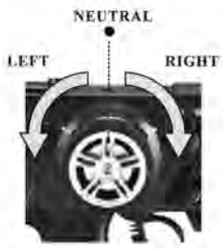
EPA ST (Left and Right) is to adjust left or right steering radius individually other than Steering D/R which is to adjust both left and right steering at the same time.

EPA ADJUSTMENT (THROTTLE)

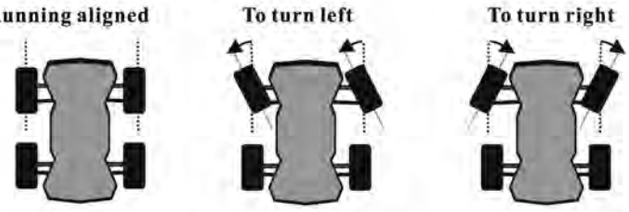
1) If the top speed going forward is either lower or higher than desired, check the EPA throttle (forward) settings.
2) If the top speed going backward is either lower or higher than desired, check the EPA throttle (backward) settings.

USE OF THE TRANSMITTER-3

STEERING CONTROL



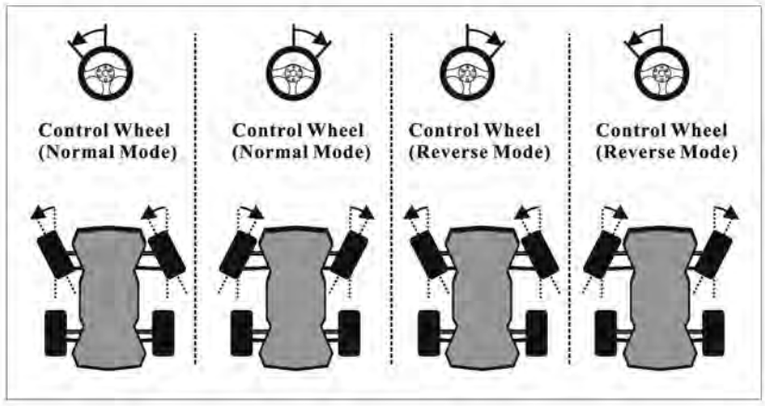
• LEFT STEERING • RIGHT STEERING



► It is to control steering of your car.
Turn the wheel to the right and your car turns right.
Turn the wheel to the left and your car turns left.

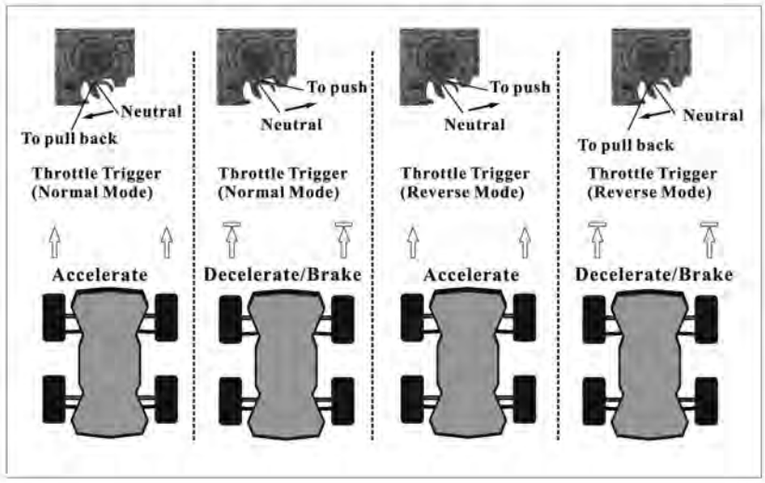
STEERING REVERSE SWITCH

► Steering Reverse Switch is to change the direction of the steering servo. It will permit your steering reverse operation to your vehicle.



THROTTLE REVERSE SWITCH

► Throttle Reverse Switch is to change the throttle operate. It will provide the throttle reverse operation for your vehicle.



ETRONIX PROBE PLUS BRUSHED ESC PROGRAMMING

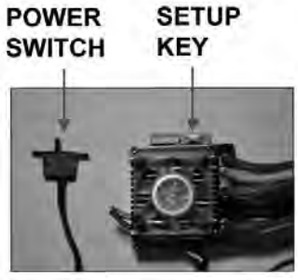
PLEASE NOTE: CHECK WHICH MODEL YOU HAVE - BRUSHED OR BRUSHLESS – BEFORE READING FOLLOWING SET-UP SECTION

The Etronix Probe Plus ESC sets automatically once you have connected to the battery and turned on TX then RX.

Make sure wheels are of the ground when you connect up power.

ETRONIX PHOTON PLUS BRUSHLESS ESC PROGRAMMING

Specification
- **90amp**
- **7.4v - 11.1v (2S-3S rated)**
- **Sensorless & sensored compatible**
- **Can be programmed with a programming card (not included).**



TO PROGRAM

1. ESC SETUP

1) Make sure the power is off. Press and hold the SETUP key.
2) Switch the power on.
3) Do not release the key until the beeping sound is heard. It means the ESC is entering in programming.

PLEASE NOTE: THIS ESC IS NOT WATERPROOF. DO NOT RUN IN WET CONDITIONS OR YOU WILL DAMAGE ELECTRONICS

2. TRIGGER ADJUSTAMENT

STOP SETUP:
Centre the trigger. Press the SETUP key on the ESC once and the motor should start beeping which means STOP point is programmed and stored.

FORWARD SETUP:
Pull the trigger back in full and press the SETUP key at a second time. The motor should beep twice. It means Forward Travel Range (0-100%) is programmed and stored.

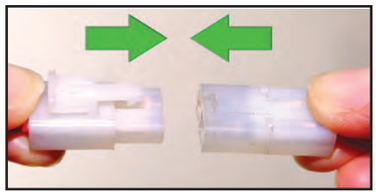
REVERSE SETUP:
Push the trigger forwards in full and press the SETUP key at the third time. The motor should beep three times. It means Reverse Travel Range (0-100%) is programmed and stored.

3. Once the operation is complete, ESC will quit programming automatically.

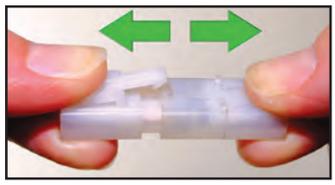
IMPORTANT! When setting ESC ensure the vehicle is off the ground.

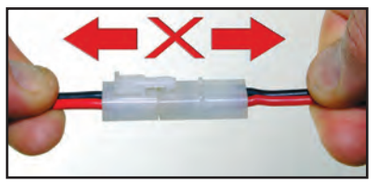
NIMH BATTERY CHARGING/INSTALLING BRUSHED VERSION

Always store your model with the battery pack unplugged and removed. Always charge your battery away from the vehicle. The included 300mAh mains charger will take approx 6 hours to charge a fully discharged battery, but always remove it from the charger if it becomes warm to the touch. Always disconnect the charger from the mains supply and the battery pack when not in use. Keep children away from charger and battery during the charging process.



To install a charged battery, remove the body clips and remove the bodyshell. Remove the battery retainer clips, insert battery and reinstall retainer with the flat side facing the battery and re-insert clips. When connecting battery and turning car on, ensure it is off the ground, with wheels away from objects.





Notes on Battery use:

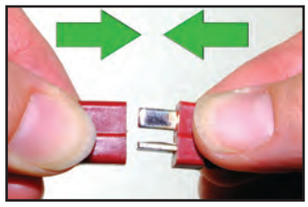
Always allow the battery cool after use, before recharging.
Always inspect the battery before charging.
Any bare wires, split heat shrink or leakage is a sure sign of abuse.
Never attempt to charge dead or damaged batteries.
Do not disassemble the battery or cut the connector wires.
If the battery connector gets hot enough to melt there is most likely a serious problem with your model, driveline, battery wires or speed controller. Find and correct the problem before installing another charged battery pack.
NEVER charge the battery unattended incase of overcharging, you need to be able to monitor the battery during charging
Charge away from flammable objects and on a non-flammable surface incase the battery becomes too hot.

LIPO BATTERY CHARGING/INSTALLING BRUSHLESS VERSION

Always store your model with the battery pack unplugged and removed. Always charge your battery away from the vehicle. The included 850mAh mains LiPo balance charger will take up to 3 hours to re-charge the LiPo battery depending on how discharged it is.
Before you start charging ensure that your LiPo battery is put inside the Voltz Vault safety LiPo sack.
(Lipo batteries can be dangerous and must be handled with care. Before commencing with charging ensure you familiarise yourself with our safety guidelines at the back of the manual. Failure to do so could result in injury or damage. Lipo batteries require completely different charging and care than NiCd and NiMH batteries and must be used with a LiPo specific charger. Misuse can result in fire, personal injury and/or damage to property. The user assumes all liability and risk associated with the use of Lithium-Polymer (Li-Po) batteries. Immediately return the battery, unused, if you do not agree with these terms).

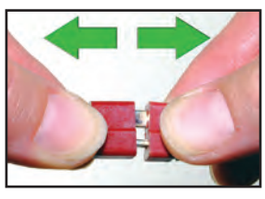
WARNING! NEVER LEAVE THE BATTERY UNATTENDED WHILE ON CHARGE.

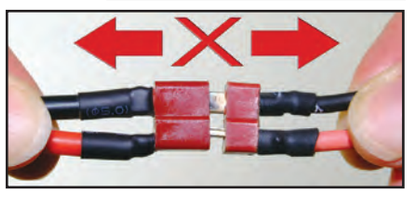
The supplied charger can charge either 2s or 3s (cell number) LiPo batteries. The supplied battery is a 2s ensure you plug it into the correct 2s balance port.
The Green LED's turn Red to indicate how many cells are charging (2 will turn red) and all turn Green when charge is complete. If all three Red Lights flash together, stop the charge, disconnect, and start again.
When charging a completely discharged battery, the charger can become hot to touch.
Always disconnect the charger from the mains supply and the battery pack when not in use.
To install a charged battery into the vehicle, remove the body clips and remove the bodyshell. Remove the battery retainer clips, insert battery and reinstall retainer with the flat side facing the battery and re-insert clips.



Notes on Battery use:

Always allow the battery cool after use, before recharging.
Always inspect the battery before charging.
Any bare wires, split heat shrink or leakage is a sure sign of abuse.
Never attempt to charge dead or damaged batteries.
Do not disassemble the battery or cut the connector wires.
If the battery connector, battery case or cable insulation get hot enough to melt or split there is most likely a serious problem with your model, driveline, battery wires or speed controller. Find and correct the problem before installing another charged battery pack.





(PLEASE REFER TO OUR DETAILED LIPO HANDLING PAGE INSTRUCTIONS ON PAGE 34 OF THIS MANUAL)

INSTALLATION OF SERVO

Your 1-10th Scale 2WD electric powered off road vehicle has been already equipped with the servo at factory.

The following is illustrated for the users to re-assemble and/or disassemble the servo when necessary.

Servo linkage, servo arm, servo mount and servo are prepared.

Install servo arm to servo.

Secure the servo arm with a screw (Part Number: S018)

Install servo linkage to servo arm.

Put the servo in place on the chassis.

Secure the servo from the chassis bottom with two screws(Part Number: S019)

Install servo linkage to steering bush.

Install servo linkage to steering bush.

INSTALLATION OF MOTOR

Your 1-10th Scale 2WD electric powered off road vehicle has been already equipped with the motor at factory.

This buggy is built in STOCK (brushed) version or Brushless version.

Collect all parts as shown to prepare installation.

Put the motor in place as shown.

Secure the motor with two screws (Part Number:S127)

Install the motor pinion gear to the motor shaft and secure it with a screw (Part Number: S016)

Loose the two screws , then slide a notebook paper between motor pinion gear and spur gear until the paper crinkles.

Re-tighten the two screws. Make sure the pinion gear and the spur gear are in-line.

Remove the paper and double -check the gear mesh.

Fasten the gear cover with two mounting screws (Part Number: S031)

Attach the access plug to the gear cover.

NOTES

If the gear mesh is set properly, you should feel a very small amount of play between the two gears. If there is an excessive amount of play or no play at all, re-adjust the gear mesh again.

INSTALLATION OF ELECTRONIC SPEED CONTROL (ESC)

Your 1-10th Scale 2WD electric powered off road vehicle has been already equipped with the ESC at factory.

This truggy is built in STOCK (brushed) version or Brushless version.

Label a piece of double side adhesive tape on your ESC bottom.

Paste your ESC on the chassis.

Install the receiver switch which is linked to your ESC and secure it with two screws. (Part number : S120)

INSTALLATION OF RECEIVER

Label a piece of double side adhesive tape on the bottom of your receiver.

Paste your receiver in place.

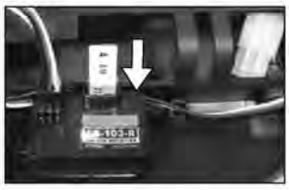
Paste your receiver in place. Slide the receiver antenna into the hole as shown.

The receiver antenna should go out of the antenna mount from the chassis bottom as shown.

Slide the receiver antenna wire into one end of the antenna pipe and out the other end. Attach the antenna cap when ready.

Insert the servo connector into the Slot 1 on the receiver.

Insert the ESC connector into the Slot 2 on the receiver.



Insert the crystal into the receiver.

CHECKING ALL WIRES AND CONNECTORS

Connect motor to ESC. (yellow to yellow, blue to blue).

Keep all wires and connectors unloose. Fasten them with the zip ties as shown.

PREPARATION BEFORE DRIVING YOUR VEHICLE

Your 1-10th Scale 2WD electric powered off road buggy is not provided with the battery and charger. You can buy them individually.

1 *Install the battery pack to your vehicle.*

Pinch the battery cover as shown toopen it.

Connect the battery to your ESC.

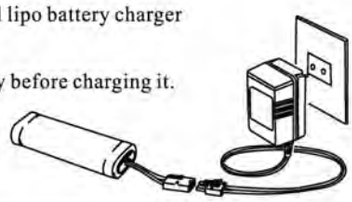
Put the battery in place.

Replace the battery cover and press it until it snaps together with the chassis.

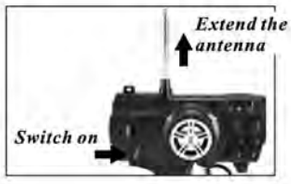
WARNING

Never tempt to use this charger to charge the batteries of your transmitter.

-Use only the specified charger (7.2V,500mA) to charge your battery pack when Ni-MH or Ni-CD battery is used. Please use with the special lipo battery charger when you use with a lipo battery.
-For better battery performance please discharge your battery before charging it.
-Never charge your battery over 5-6 hours.
-Never charge the battery pack unattended.
-Always use the battery after it is fully charged.

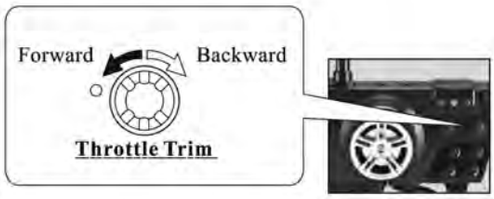


2 *Turn on your radio control and radio system on your vehicle*



3 *Checking throttle trim dial*

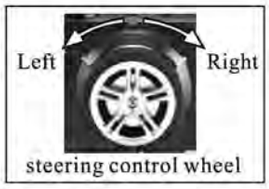
To fine tune the throttle's neutral point turn the throttle trim dial.



While the wheels begin to move, gently turn the throttle trim dial until no chirr sound is heard from ESC.

4 Checking steering performance

--Turn the steering control wheel to the right and your model turns right.
--Turn the steering control wheel to the left and your model turns left.



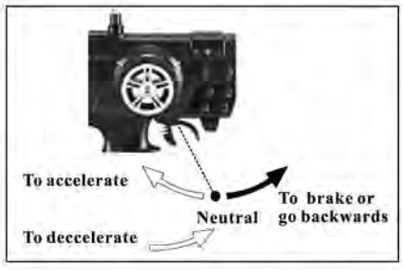
The front wheels point left.

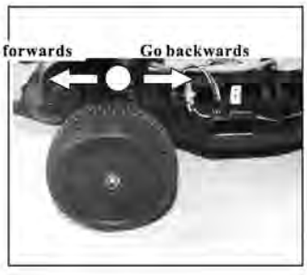
The front wheels point right.

The turning angle of the front wheels is subject to change in response to different turning angles on the steering control wheel of your transmitter.

5 Checking trigger control

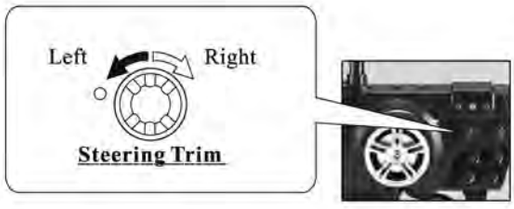
--Pull the trigger back to accelerate, release it to decelerate, and push it to brake.
--Return the trigger to Neutral and then push it at a second time to permit your car to go backwards.
--To stop running your vehicle leave the trigger unattached at Neutral.





6 Adjusting steering trim dial

To keep the front wheels aligned turn the steering trim dial.



The front wheels are straightly aligned.

To allow the front wheel to point straight turn the steering trim dial gently whilst decelerating your car.

7 Tuning steering dual rate dial

Turn the front wheel at a free angle before you tempt to tune the Steering Dual Rate Control Dial.

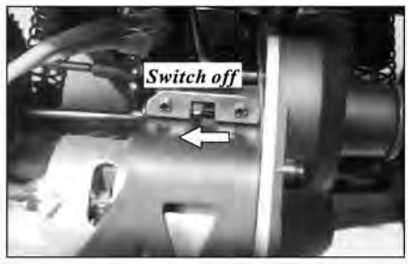
-This dial adjusts the overall travel of the steering servo.
Push the dial forward for maximum steering.
Pull the dial back to reduce the steering level.
- Set the Steering Dual Rate Control Dial to Minimum first.
To set the desired steering level increase it again whilst decelerating your vehicle.

-1.Low Steering Level
-2.High Steering Level

8 To stop running your vehicle

⚠ Note: To stop running your vehicle you should turn off the receiver before turning the transmitter off. Remove the battery pack and store it away from the reach of children.

1. Turn off the receiver on your vehicle.



2. Turn off your transmitter.

3. Remove the battery pack

Remove the battery pack from your vehicle if not in use for a long period of time.
Store them separately.

4. Check all parts

Check all parts and immediately perform the measures of maintenance and/or replacement if necessary.

5. Maintenance

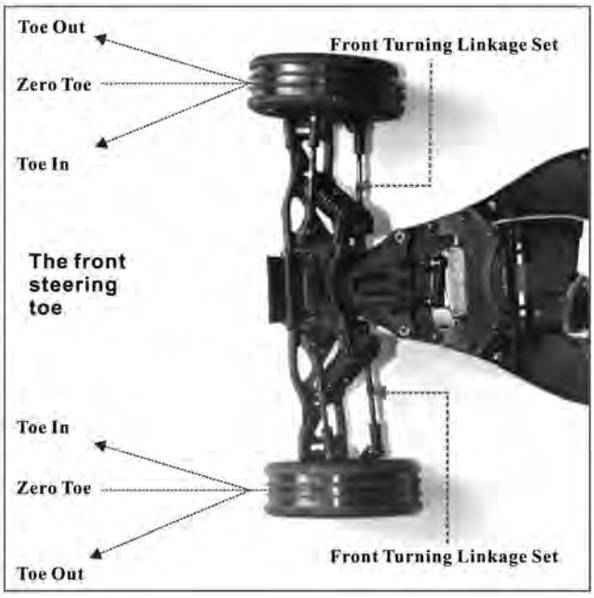
Clean all dust out with a soft brush and dry your car off with a soft cloth. ➡

TO TUNE YOUR VEHICLE

Your model can be customized to enhance speed and performance. Simple adjustment and easily maintained setting will assure optimum operation and performance. When making adjustments, do so only in small increments and always check for other parts of the vehicle that are affected. Many after market options are available to make your R/C vehicle faster and stronger. Please read the section carefully and it always make sure you write down your base settings in case you need to refer to them at a later date.

Front steering toe angle

The front steering toe angle has a dramatic on how your car performs and how your tires wear. You can have toe-in, zero toe or toe-out. This can be adjusted by turning the front turning linkage set with an adjustable wrench.



To adjust front turning linkage bar

Toe-in will be less reactive and cause the vehicle to under steer(the front wheels push straight on while turning).
This can be advantageous for operators struggling to get to grips with the driving of the vehicle.

Toe-out will be more aggressive on the steering response especially on small steering inputs. This will make the car want to over steer(rear wheels slide on small steering inputs). This is useful as a race tuning aid to gain extra steering.

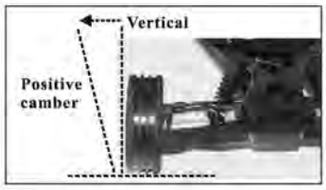
Zero toe will make the front wheels run straight and make the car very neutral. Tire wear will also be reduced and the vehicle will feel easier to drive.

Camber Adjustment

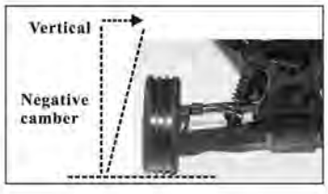
Camber can be adjusted on all 4 wheels of the car. You can have negative camber or positive camber which will affect the contact patch of the tire both statically and while cornering. Camber is mainly used to control the wear of the tire. You should adjust the camber to equal the wear all across the surface of the tire. Camber is adjusted by the upper link turnbuckle linking the wheel to the chassis front and rear.

Front Upper Link Turnbuckle

Rear Upper Link Turnbuckle

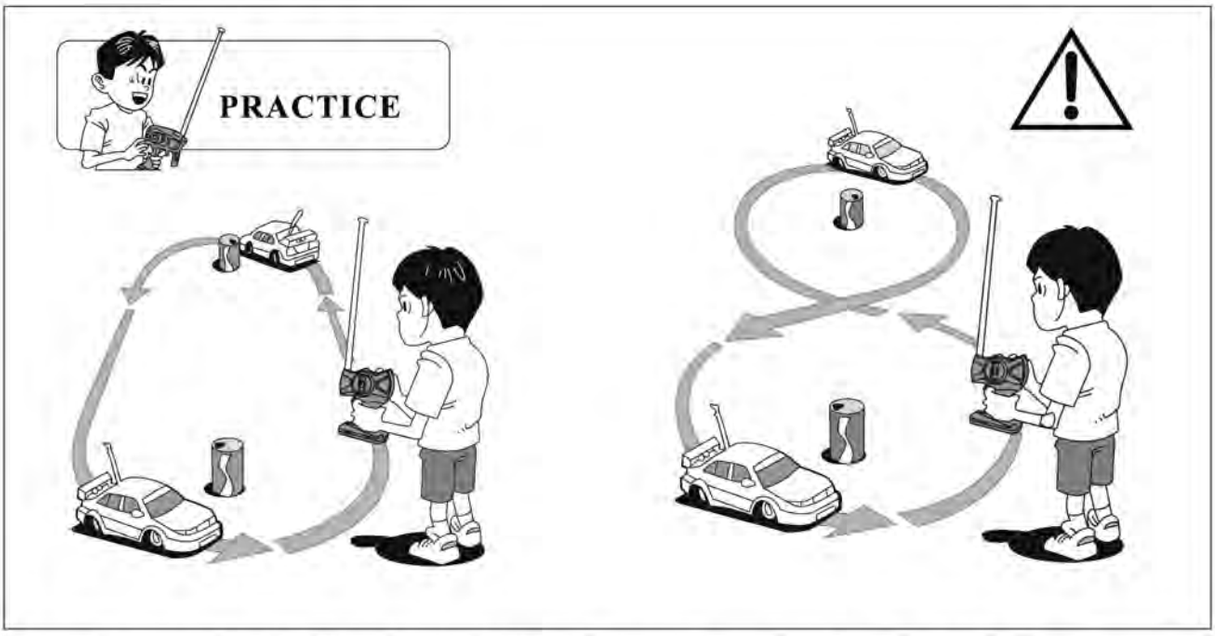


This is an example of positive camber.
This is when the bottom of the wheel is closer to the centre of the car compared to the top of the wheel. Positive camber will give less contact area in the corner and less grip. Excessive amounts will cause less grip and uneven wear.



This is an example of negative camber.
This is when the top of the wheel is closer to the centre of the car compared to the bottom of the wheel. Negative camber will give more contact area in the corner and more grip. Excessive amounts will cause less grip and uneven wear.

RUNNING PRACTICE



Once you become conformable driving the vehicle, perform driving practice on the tracks as shown in the figure.
Keep practising until you feel comfortable with the steering, throttle and brake at low speeds. Once you are feeling comfortable try operating on another track.
When you have mastered the basics you will be able to drive at higher speeds in a more controlled fashion.

TROUBLESHOOTING

Please read this section if you have any fault trying to operate the vehicle. You should immediately stop driving to check your car as long as it runs erratically.

Problem	Cause	Remedy
The vehicle does not move.	1)Transmitter or receiver is off. 2)Batteries are not placed correctly in the transmitter. 3) The battery pack is not charged enough.	1)Turn on both the transmitter and receiver. 2)Place batteries in the transmitter properly. 3) Charge the battery pack.
The vehicle does not follow your driving inputs.	1)Transmitter or receiver is off. 2)Transmitter or receiver antenna is not fully extended. 3) Some one else is using the same frequency as you.	1)Turn on both the transmitter and receiver. 2)Fully extend both antenna. 3) Change your frequency crystals.
Operating range is short.	1)Transmitter antenna is retracted. 2)Receiver antenna is not extended. 3) Receiver antenna is cut off. 4) Transmitter and/or receiver batteries are low. 5) Receiver battery is low.	1)Extend transmitter antenna fully. 2)Extend receiver antenna fully. 3) Contact your local distributor for repair. 4) Replace/recharge transmitter and/or receiver batteries. 5) Recharge receiver batteries.
Motor does not work.	1)Motor wires loose or damaged. 2) Receiver battery is weak.	1)Double-check motor wires. Repair/replace as necessary. 2) Recharge receiver batteries.

SPARE PARTS-1

FTX6600

Chassis

FTX6601

Front Bottom Plate+Rear Bottom Plate+ Rear Shock Tower Mount +Front Suspension Mount+Front Suspension Pin Brace Pad

FTX6602

Front Top Mount+ Servo Arm+ Servo Mount

FTX6603

Front Top Steering Mount

FTX6604

Diff Gear Housing

FTX6605

Diff.Main Gear+Idler Gear+ Diff. Pinion Gear+Diff. Large Bevel Gears+ Diff. Small Bevel Gears+Diff. Inner Mount

FTX6606

Front Bumper+Motor Guard

FTX6607

Gear Cover+Access Plug (Silicone Rubber)

FTX6608

Rear Suspension Pivot Block Set (A pair)

FTX6609

Battery Holder+ Lock Pins+ Load Spring+Mount+Cap Head Screw 2*8mm

FTX6610

Front Shock Tower+ Rear Shock Tower

FTX6611

Steering Mount Assembly+Steering Ackerman Plate

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

SPARE PARTS-2

FTX6612

Front Lower Suspension Arms (Left/right)

FTX6613

Rear Lower Suspension Arms (Left/right)

FTX6614

Steering Hubs(Left/right)

FTX6615

Front Uprights(Left/right)

FTX6616

Rear Uprights(Left/right)

FTX6617

Enforced Pads Complete (Thick/thin)

FTX6618

Wing Stay + Front Body Post

FTX6619

Off Road Tyres (Front)+Sponge Insert

FTX6620

Off Road Tyres (Rear)+Sponge Insert

FTX6621B FTX6621W

Off Road Rims(Front)

FTX6622B FTX6622W

Off Road Rims(Rear)

FTX6623B FTX6623W

Off Road Wheels Complete(Front)

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

SPARE PARTS-3

FTX6624B FTX6624W  Off Road Wheels Complete(Rear)	**FTX6625**  Slipper Load Spring+Sipper Spacer +Nut M3+Slipper Bushing+Slipper Washer	**FTX6626**  Slipper Back Plate+Slipper Pad
FTX6627  Steering Mount Assembly (Steering Bush, Servo saver load Spring, Steering Pad	**FTX6628**  Rear CVD Axles	**FTX6629**  Diff. Outdrives+ Countersunk Screw 2*2.5mm
FTX6630  Front Axles + E-Clips 3mm	**FTX6631**  Motor Plate	**FTX6632**  Front Suspension Pin Brace
FTX6633  Rear Drive Shafts (L=approx.70.6mm)	**FTX6634**  Slipper Shaft+Transmission Upper Gear Shaft	**FTX6635**  Steering Hub Hinge Pins (L=approx. 23mm)

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

SPARE PARTS-4

FTX6636

Front Lower Suspension Hinge Pin -Outside(L=approx.26mm)

FTX6637

Rear Lower Suspension Hinge Pin -Outside(L=approx.27.3mm)

FTX6638

Front Lower Suspension Hinge Pin -inside(L=approx. 36.5mm)

FTX6639

Rear Lower Suspension Hinge Pin -inside(L=approx.48.5mm)

FTX6640

Switch Mount

FTX6641

Wheel Washers

FTX6669 (BR)

Inner Hole: 3.25mm (for brushed version)

Motor Pinon (21T)+Set Screw 3*3mm

FTX6670 (BR)

Inner Hole: 3.25mm (for brushed version)

Motor Pinon (23T)+Set Screw 3*3mm

FTX6671 (BR)

Inner Hole: 3.25mm (for brushed version)

Motor Pinon (27T)+Set Screw 3*3mm

FTX6666 (BL)

Inner Hole: 5mm (for brushless version)

Motor Pinon (19T)+Set Screw 3*3mm

FTX6667 (BL)

Inner Hole: 5mm (for brushless version)

Motor Pinon (21T)+Set Screw 3*3mm

FTX6668 (BL)

Inner Hole: 5mm (for brushless version)

Motor Pinon (23T)+Set Screw 3*3mm

FTX6642

Front Shock Absorbers

FTX6643

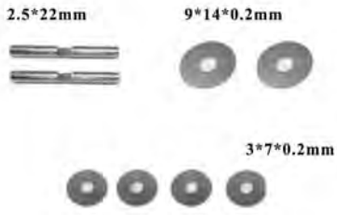
Rear Shock Absorbers

FTX6650

Front/Rear Upper Adjustable Linkage Assembly
(Different adjustment to front and rear ones can be measured by users)

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

SPARE PARTS-5

FTX6651  Front Steering Adjustable Linkage Assembly	**FTX6652**  Servo Linkage Assembly	**FTX6653**  Diff. Complete+ Idler Gear+ Diff. Pinion Gear + Ball Bearing (5*10*4)
FTX6654  Spur Gear (77T)	**FTX6655**  Diff. Pins+Shims	**FTX6656** 6PCS  Ball Bearings (3*6*2.5mm)
FTX6657 4PCS  Buggy Wing Pins	**FTX6658** 8PCS  Ball Stud. Φ4.8*4.9	**FASTM3** 6PCS  Lock Nut M3
FTM4BKF 6PCS  Flange Lock Nut M4	**FTBB16** 6PCS  Ball Bearings(5*10*4)	**FTBB10** 4PCS  Ball Bearings(10*15*4)

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

SPARE PARTS-6

FTX6659 8PCS  Shock Ball Pivot. Φ4.8	**FASTM2.5** 6PCS  Lock Nut M2.5	**FAST0212** 8PCS  Big Body Clip A/B
FAST0213 8PCS  Small Body Clip A/B	**FTX6660** 8PCS  Wheel Hex. Pin (Φ2*10mm)	**FTX6661** 8PCS  Shock Ball Stud.
FTX6662 8PCS  E-clip 4mm	**FTX6663** 8PCS  E-clip 3mm	**FAST105** 8PCS  Zip Tie(Big)
FAST106 8PCS  Zip Tie(Small)	**FAST103** 2PCS  Receiver Antenna Pipe	**FAST104**  Body Post Pad

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

SPARE PARTS-7

ET0011

Torque: 4.0kg

4.0kg digital servo and mount

FTX6751

Receiver(AM,27MHz)

FTX6752

RC 540 Motor (20000rpm)

ET27045
ET27095
ET27145
ET27195

Crystal - AM 27Mhz (a pair)
-for transmitter & receiver

ET0101

Brushed ESC w/cooling fan
(100A , max. Voltage: 7.4v)

ET0111

Brushless ESC (7.4v-12v,
90A), w/cooling fan attached
Compatible for sensor/sensorless
brushless motor

ET0327

KV3930

Brushless Motor

FAST625

Φ8mm
Φ9mm
Φ10mm
Φ12mm

Large Cross Wrench

FAST624-2

Φ2mm
Φ2.5mm
Φ3mm
Φ4mm

Small Cross Wrench

FTX6760

12PCS

Round Head Self Tapping
Screw 3*12mm

FTX6761

12PCS

Round Head Self Tapping Screw
3*8mm

FTX6762

12PCS

Round Head Self Tapping Screw
3*18mm

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

SPARE PARTS-8

FTX6763 12PCS  Countersunk Self Tapping Screw 3*12mm	**FTX6764** 12PCS  Countersunk Self Tapping Screw 2*15mm	**FAST122** 12PCS  Grub Screw 3*3mm
FTX6783 12PCS  Round Head Self Tapping Screw 2.6*8mm	**FTX6765** 12PCS  Countersunk Self Tapping Screw 3*8mm	**FTX6766** 12PCS  Countersunk Self Tapping Screw 2.6*8mm
FTX6767 12PCS  Countersunk Self Tapping Screw 3*10mm	**FTX6768** 12PCS  Round Head Self Tapping Screw 3*10mm	**FTX6769** 12PCS  Cap Head Inner Hex. Screw 2*8mm
FTX6770 12PCS  Countersunk Screw 2*2.5mm	**FTX6771** 12PCS  Round Head Screw 2.5*12mm	**FTX6772** 12PCS  Round Head Screw 3*25mm

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

SPARE PARTS-9

FTX6773 12PCS

Round Head Self Tapping Screw 3*15mm

FTX6774 12PCS

Round Head Screw 2.5*8mm

FTX6784 12PCS

Round Head Screw 3*10mm

FTX6775 12PCS

Round Head Flange Self Tapping Screw 2.3*4mm

FTX6776 12PCS

Countersunk Screw 2.5*17mm

FTX6777 12PCS

Small Round Head Screw 3*10mm

FTX6778 12PCS

Round Head Screw 3*18.5mm

FTX6779 12PCS

Round Head Screw 2.5*22mm

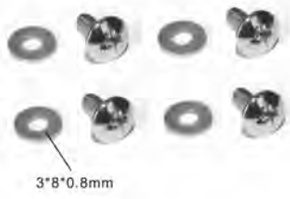
FTX6780 12PCS

Cap Head Screw 3*30mm

FTX6781 12PCS

Cap Head Screw 3*33.5mm

FTX6782 4PCS



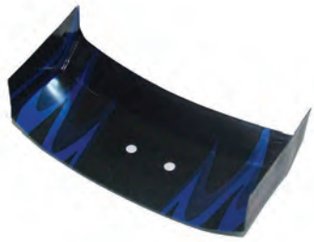
Round Head Screw 3*8mm+Shims

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

OPTION PARTS–1

FTX6664B/R
Edge Body & Decal Blue or Red

FTX6665B/R
Edge Rear Wing Blue or Red



FTX6715
Metal Gears and Differential

FTX6716
Wheelie Bar

FTX6717
Aluminium Front Steering Arms

FTX6718
Aluminium Front Hub Carriers

FTX6719
Aluminium Rear Hub Carriers

FTX6720
Lower Rear Suspension Kit

FTX6721
2wd Buggy Rear CVD Driveshafts

FTX6722
2wd Truggy Rear CVD Driveshafts

FTX6723
Aluminium Front Bulkhead

Note: Part Images may vary from received parts. This list is subject to change without prior notice as result of product improvement.

FRONT SHOCK ASSEMBLY

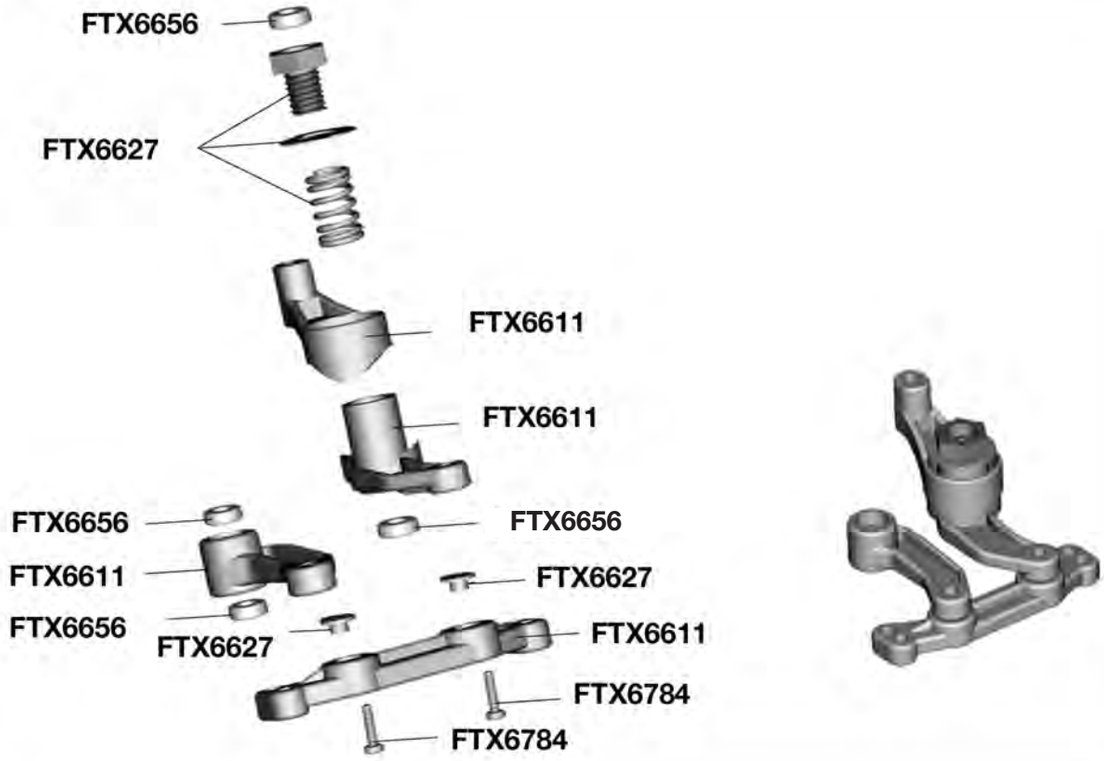
FTX6642

REAR SHOCK ASSEMBLY

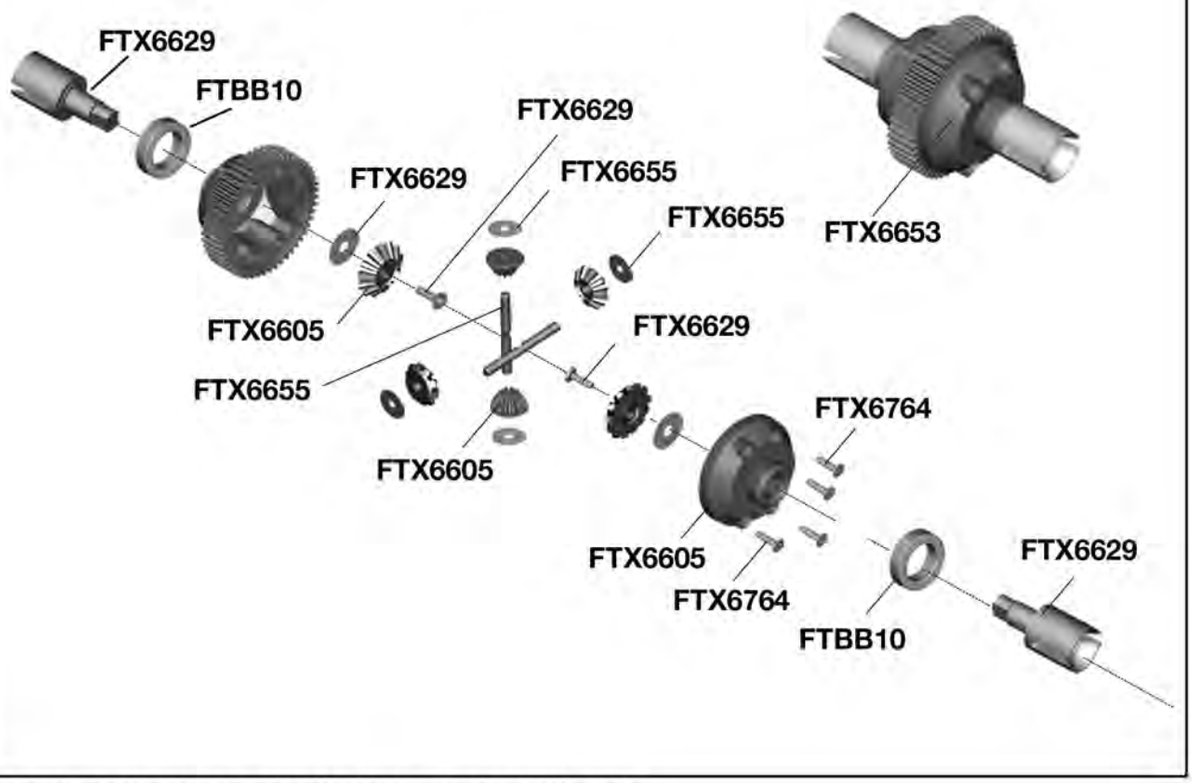
FTX6643

Specifications and/or images are subject to change without prior notification.

FRONT STEERING ASSEMBLY

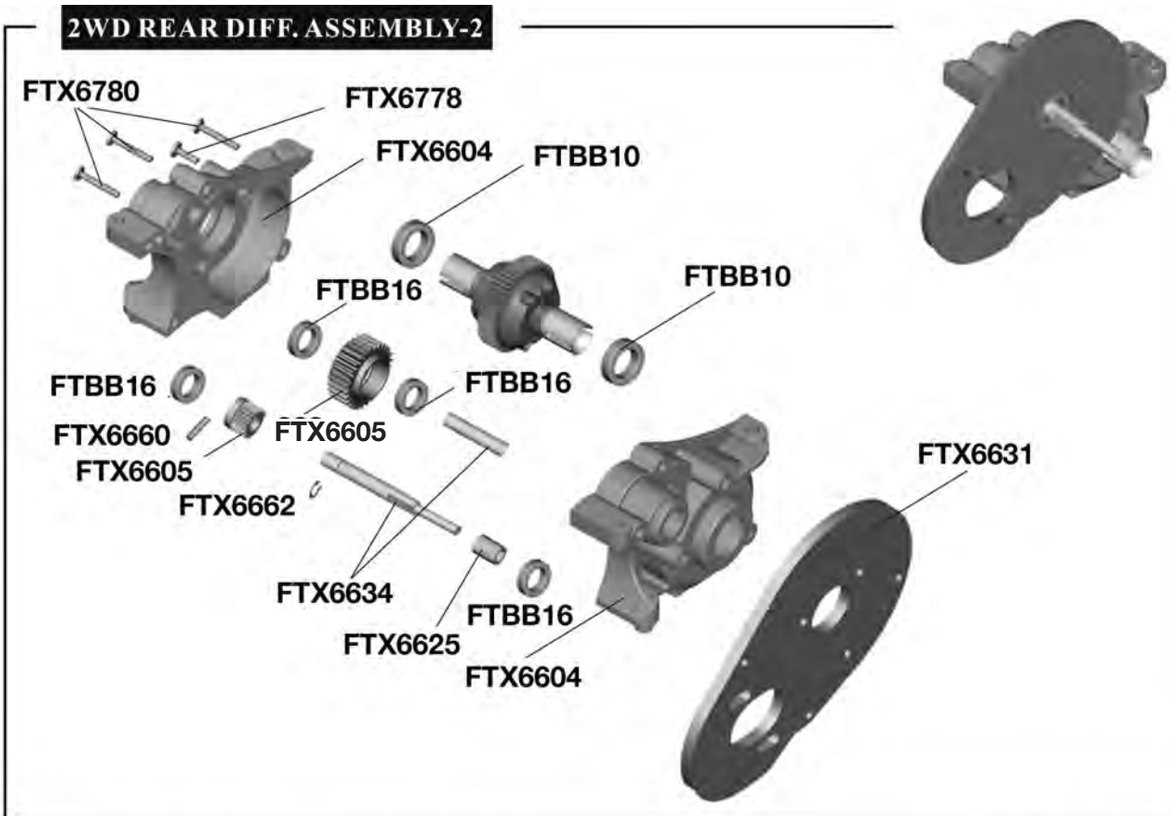


2WD REAR DIFF. ASSEMBLY-1

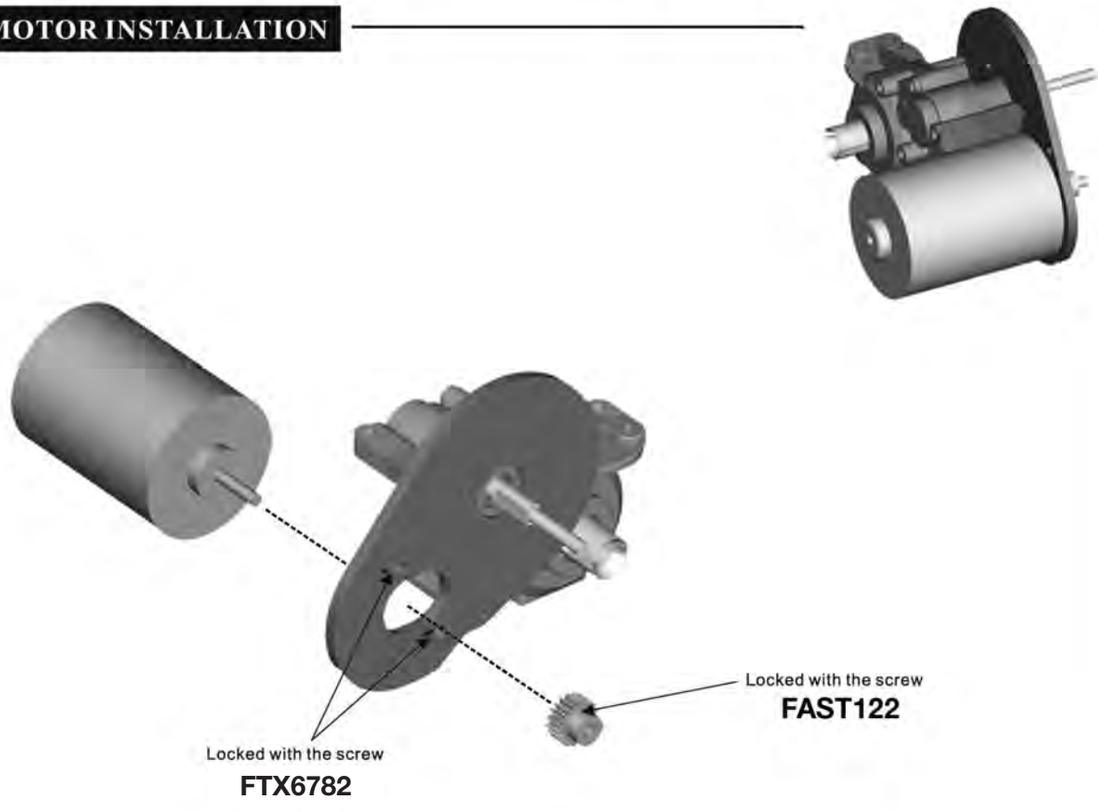


Specifications and/or images are subject to change without prior notification.

2WD REAR DIFF. ASSEMBLY-2

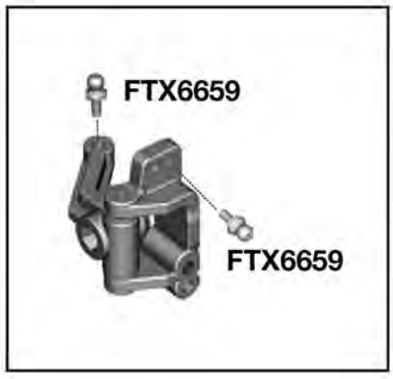


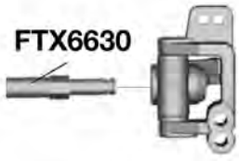
MOTOR INSTALLATION

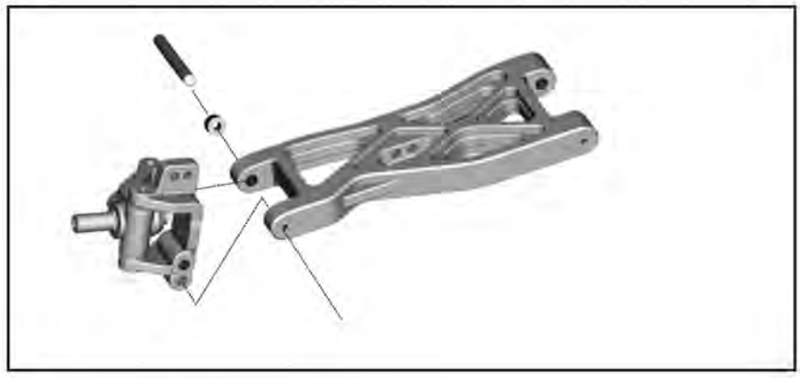


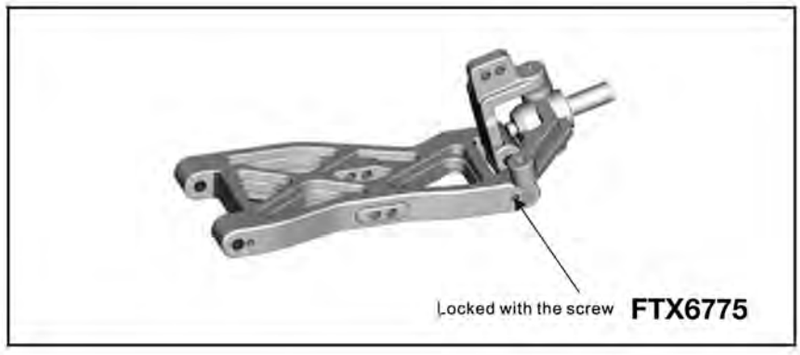
Specifications and/or images are subject to change without prior notification.

STEERING HUB/FRONT UPRIGHT INSTALLATION -LEFT SIDE



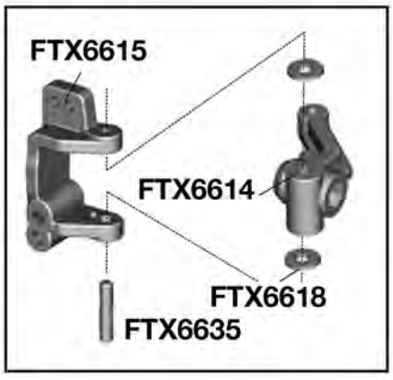


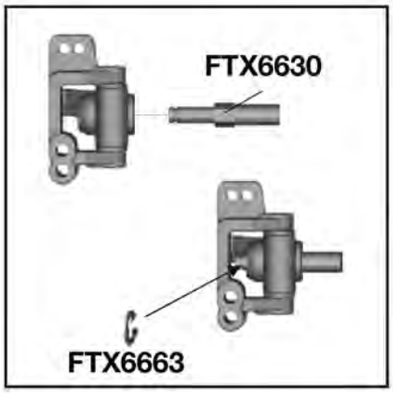


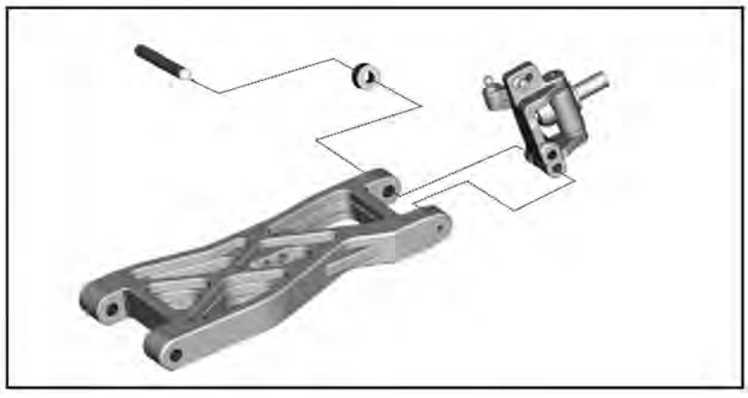


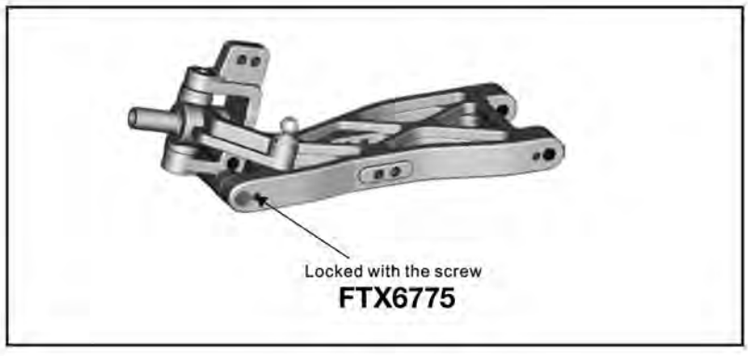
Specifications and/or images are subject to change without prior notification.

STEERING HUB/FRONT UPRIGHT INSTALLATION -RIGHT SIDE



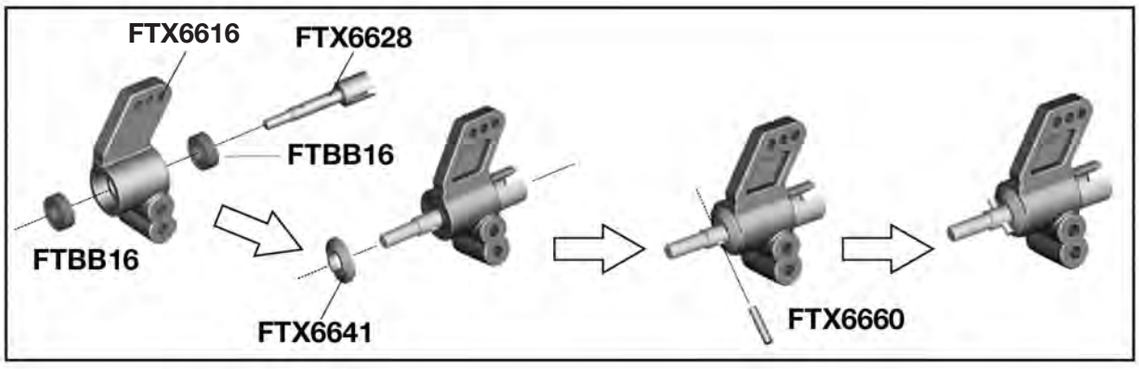


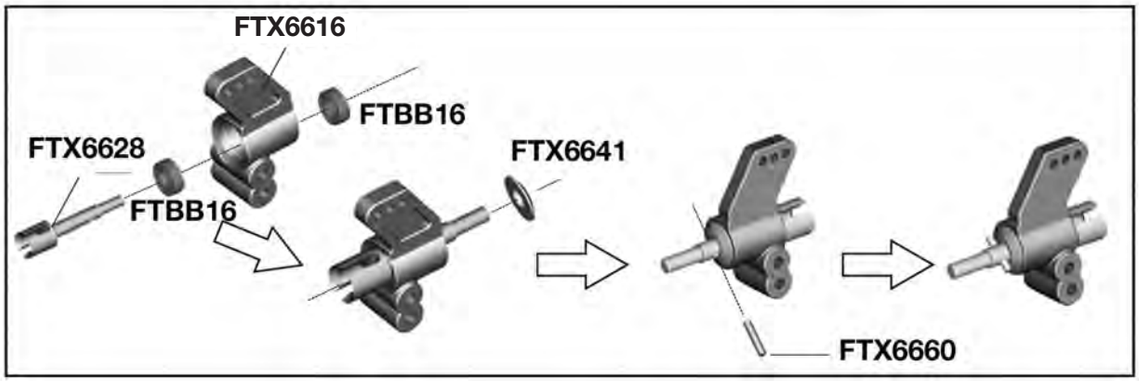


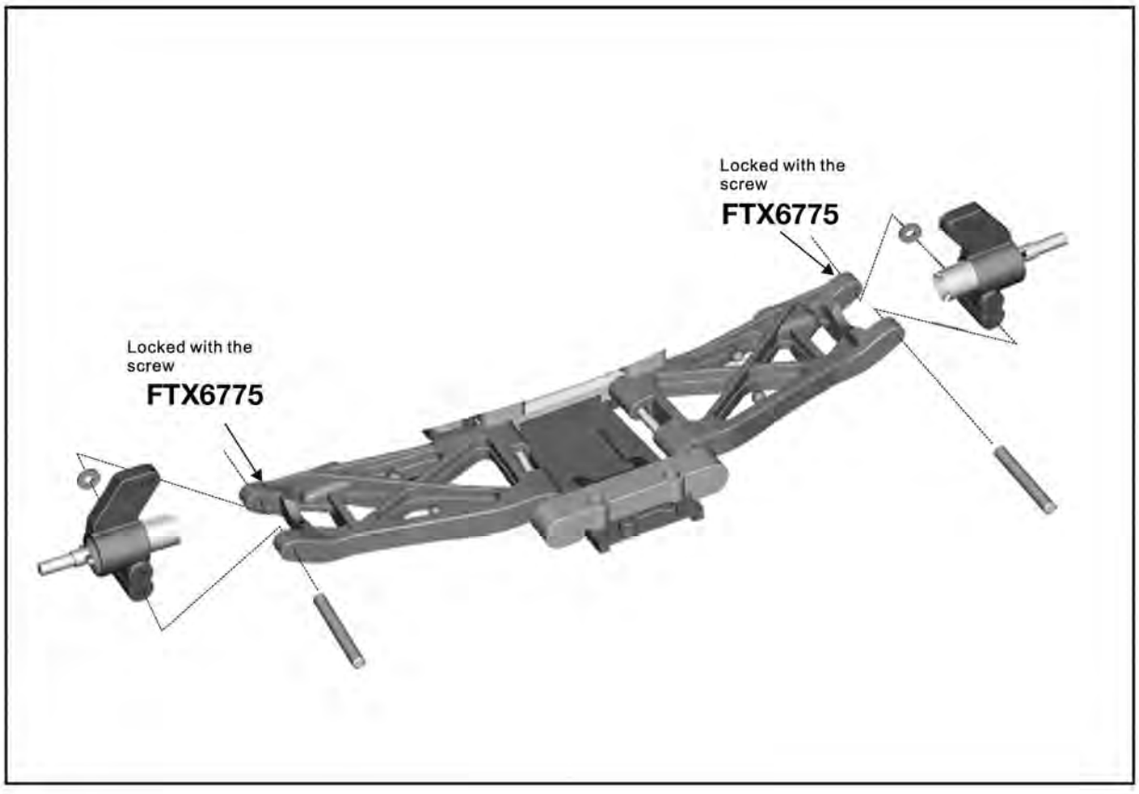


Specifications and/or images are subject to change without prior notification.

REAR UPRIGHT INSTALLATION

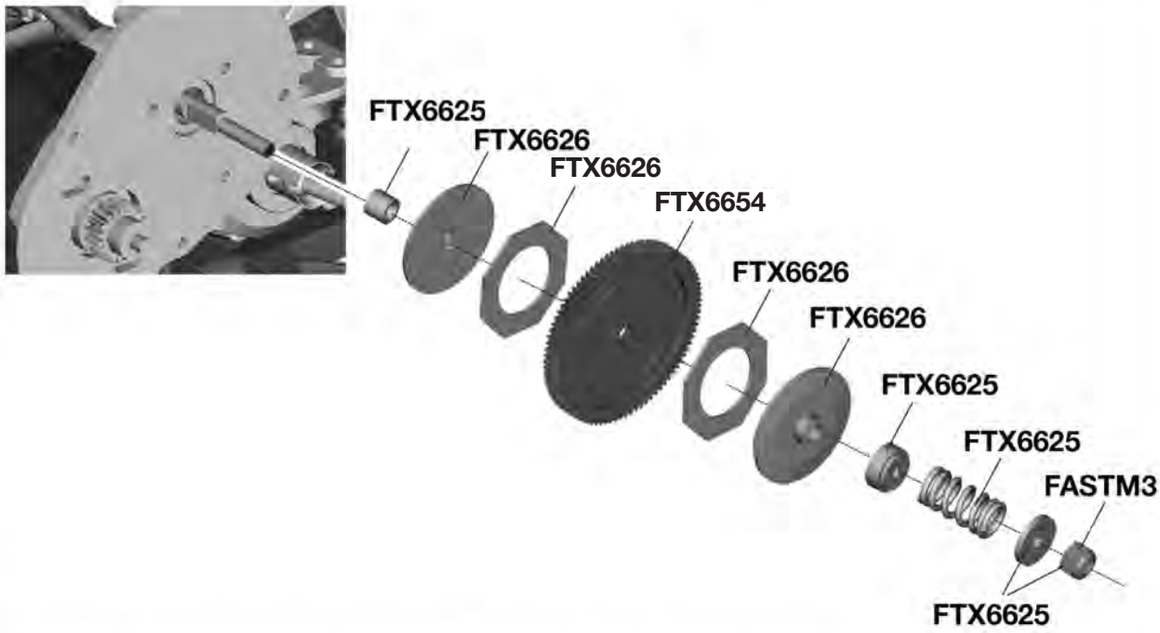






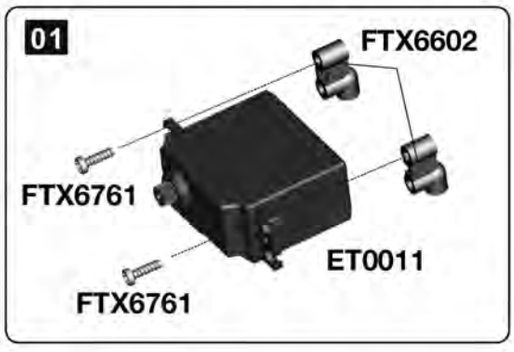
Specifications and/or images are subject to change without prior notification.

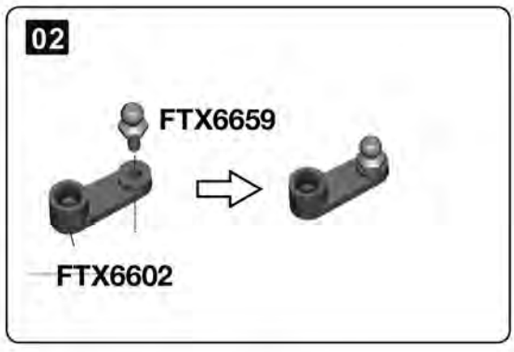
SPUR GEAR/SLIPPER CLUTCH INSTALLATION

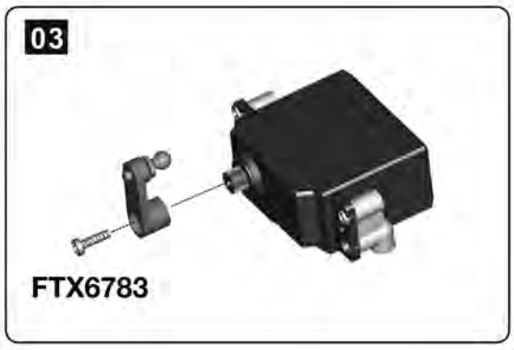


Install the spur gear and slipper clutch as shown. Tighten the lock nut with a cross wrench once installed.
A) If there is too much slippery, please loosen it for smoother power delivery.
B) For high grip performance, please tighten it for quicker throttle response.
Our standard adjustment is to allow the car not to slip when it lands on the ground after jumping.

SERVO INSTALLATION

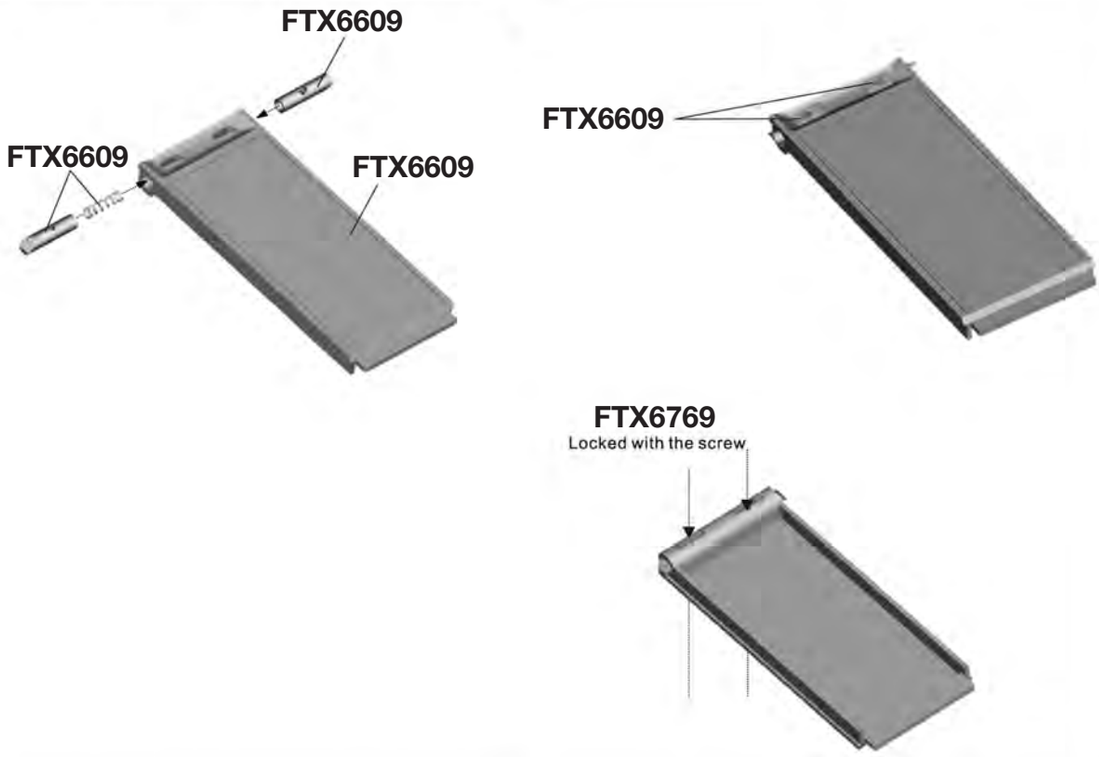




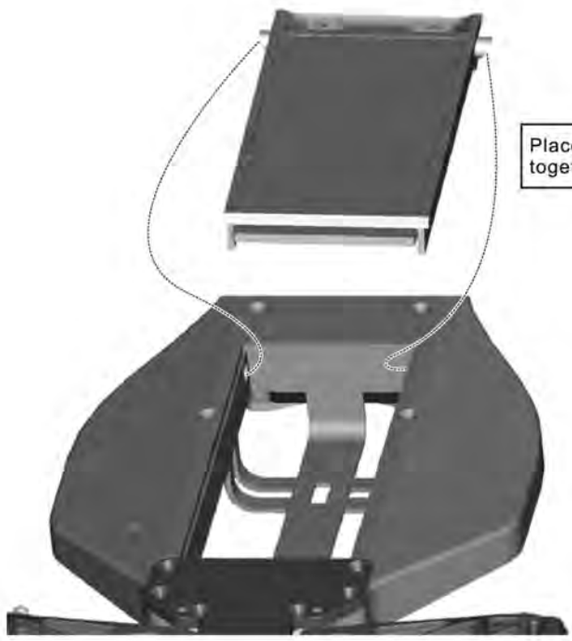


Specifications and/or images are subject to change without prior notification.

BATTERY COVER INSTALLATION-1



BATTERY COVER INSTALLATION-2



Place the battery cover and press it until it snaps together with the chassis.

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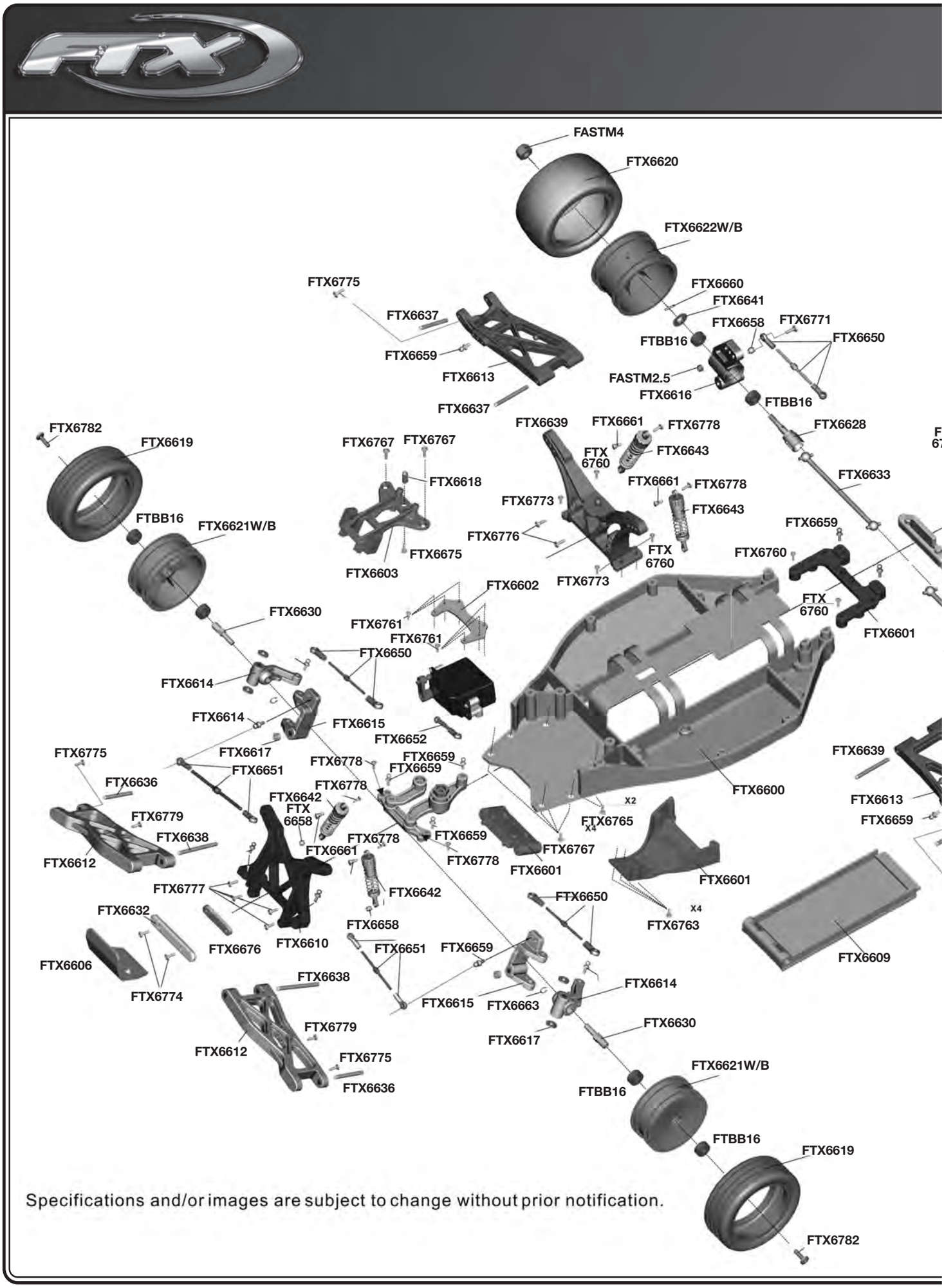

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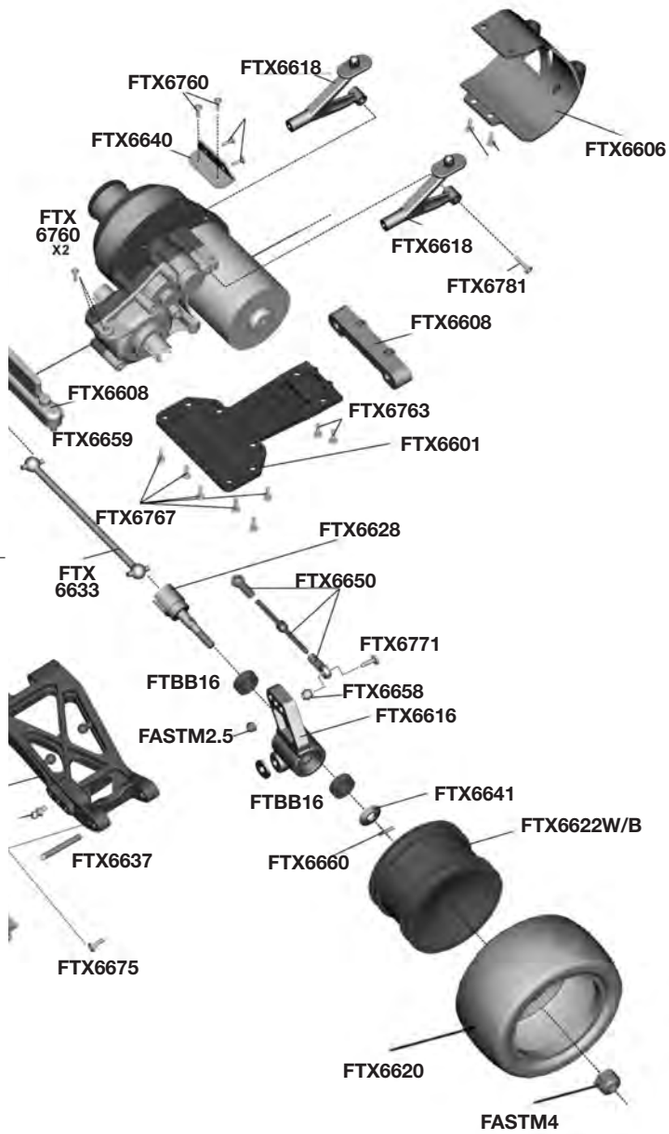
FTX Edge Truggy Exploded Parts Diagram



LIPO BATTERY - USER INSTRUCTIONS

Read all safety instructions before charging or using your batteries for the first time.
Lipo batteries require completely different charging and care than NiCd and NiMH batteries. Misuse can result in fire, personal injury and/or damage to property.
The buyer assumes all liability and risk associated with the use of Lithium-Polymer (Li-Po) batteries. Immediately return the battery, unused, if you do not agree with these terms.

General guidelines and warnings:

1. Use a Lithium Polymer specific chargers only! Do not use a NiCd or NiMH charger.
2. NEVER charge unattended. Always charge in safety sack or metal tin with lid and away from other flammable materials.
3. During the charge process watch for swollen or ballooning cells. If this happens immediately disconnect the charger and move the battery to a fire proof place for 15 minutes. Do not attempt to charge again.
4. A short circuit can cause a rapid discharge of high currents. Avoid short circuits, and be aware of short circuits on jewelery.
5. Any Lithium Polymer battery involved in a crash should be removed and observed in a fireproof space for 15 minutes before continuing to use or charge the battery.
6. If rewiring the battery pack, rewire the leads one at a time. Do not cut both leads. Do not short circuit on tools.
7. Do not expose battery packs to direct sunlight for extended periods.
8. Do not attempt to tamper with or open the LiPo Hardcase. The case is protection against possible battery swelling.
Before charging:
Visually inspect the pack checking for damaged leads, connectors, cracked heat shrink covering, swelling or other abnormalities. Do not charge if the pack is damaged.

Charging process:

1. NEVER charge unattended.

2. Charge away from flammable materials and inside a Lipo safe sack or metal tin with lid.
3. Allow battery to cool before charging.
4. Use the battery label for setting charger cell count and voltage.
5. Do not exceed 5C MAX charge rate. (Example, charge a 1000mAH pack at 5A MAX)
If disposing of a LiPo battery proceed as follows:
Submerse the battery into a container filled with about 10 litres of salt water (one cup of salt in 10L). Leave the battery submerged for 2 weeks, this will slowly and safely discharge the battery until the voltage has dropped to zero volts which eliminates the risk of any chemical reaction. It can then be disposed off in the general waste collection.

Warranty

Due to the nature of this product and potential use FTX warrants it to be free of material and workmanship defects when new. FTX will at its sole discretion repair or replace defective components free of charge within 30 days from date of purchase. This warranty does not cover wear and tear, crash or impact damage, modifications, water damage (product is not waterproof) failure to perform maintenance or damage from improper use. Proof of purchase date will be required to action any warranty claims.

Instructions for disposal.

This product must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collections point for the recycling of waste electrical and electronic equipment.
For more information about where you can drop off your waste equipment for recycling, please contact your local council, your household waste disposal service or where you purchased the product.

EDGE

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