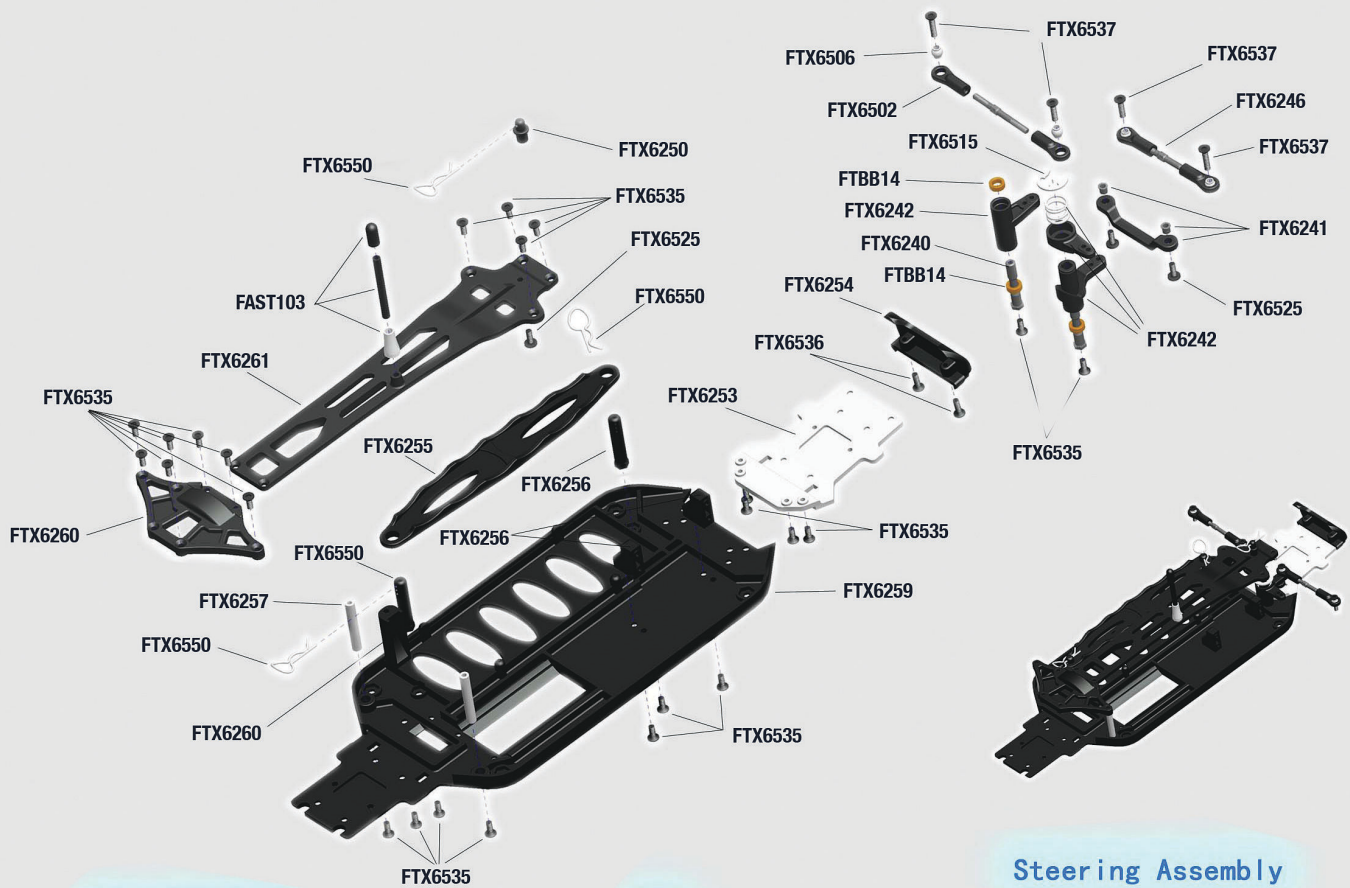


# VANTAGE

**1/10 SCALE 4WD READY-TO-RUN BRUSHED OR  
BRUSHLESS ELECTRIC MOTOR POWERED RACING BUGGY**



**COMPONENT AND UPGRADE PARTS LISTING**



Rear Assembly

ESC

Steering Assembly



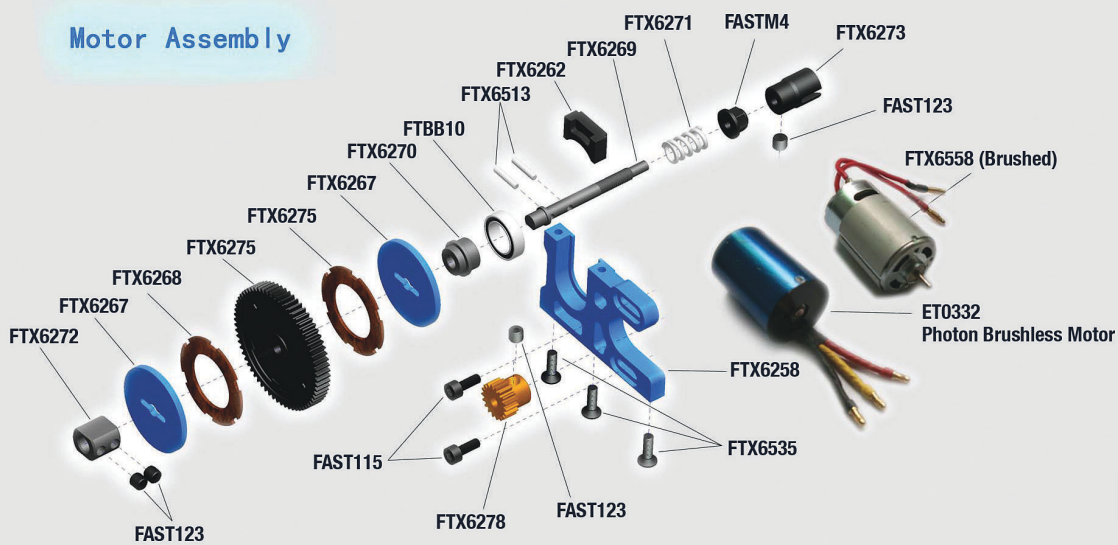
ET0110 Photon ESC  
(Brushless)



FTX6557  
Vantage BR



Motor Assembly



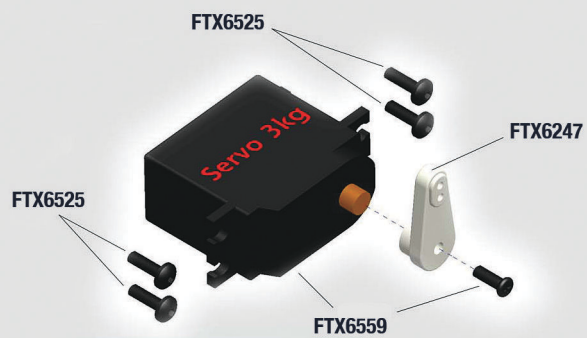
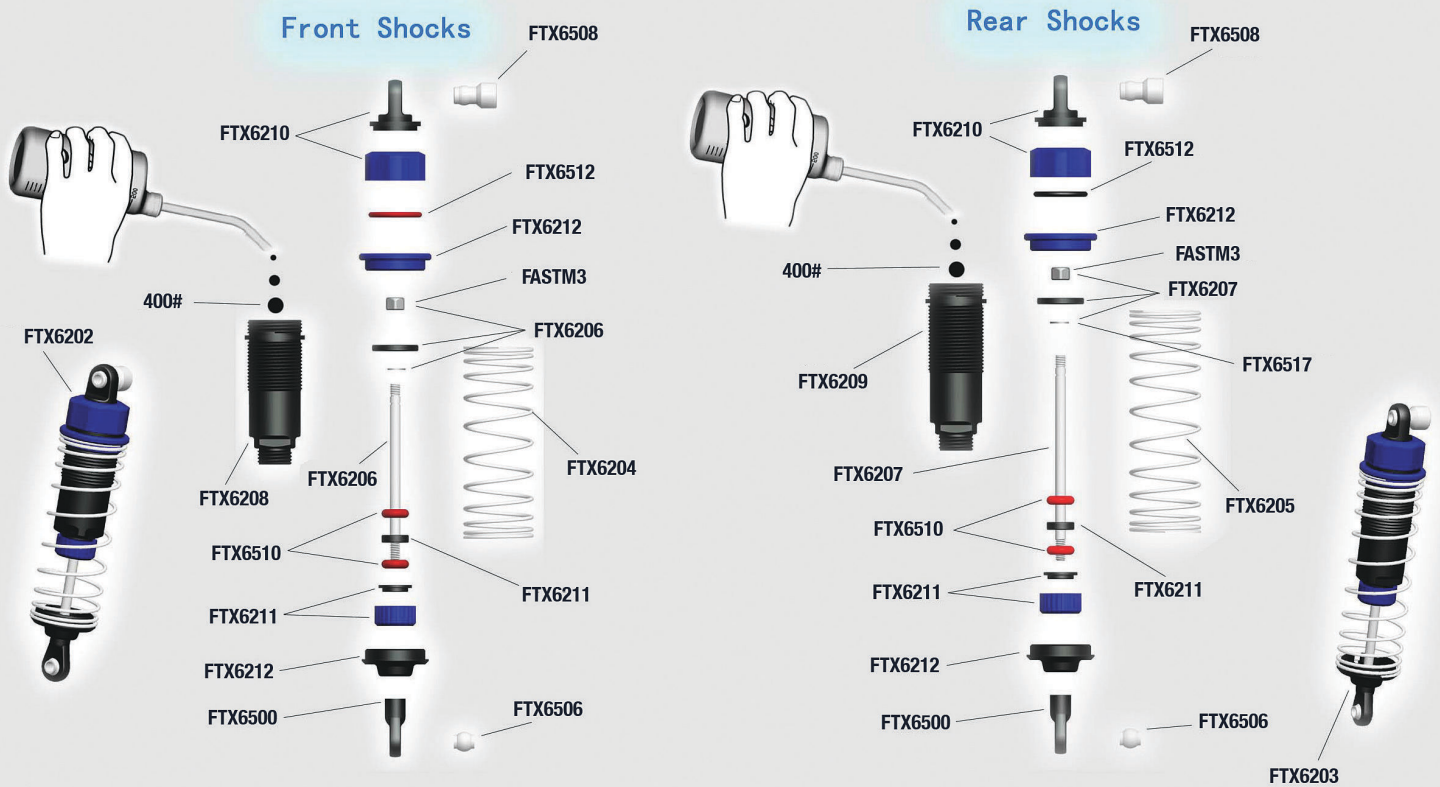
FTX6556

ET1095



ET0332  
Photon Brushless Motor

## FRONT & REAR SHOCK ASSEMBLY



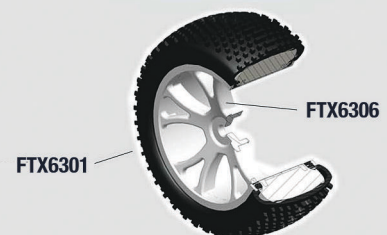
## Steering Servo



## Front Tyres



## Rear Tyres



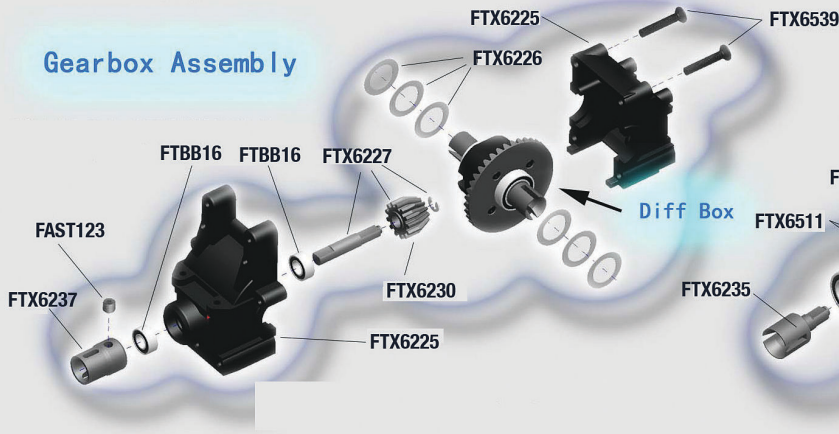
# B O M

| TYPE                              | ICON | SPEC              | QTY |
|-----------------------------------|------|-------------------|-----|
| Round Head Self Tapping Hex Screw |      | 2x10              | 4   |
| Button Head Hex Screw             |      | M3x12             | 2   |
| Cap Head Hex Screw                |      | M3x8              | 4   |
|                                   |      | M3x18             | 2   |
|                                   |      | M3x10             | 10  |
|                                   |      | M3x12             | 3   |
|                                   |      | M3x14             | 4   |
|                                   |      | M3x18             | 2   |
|                                   |      | M3x36             | 2   |
|                                   |      | M3x3              | 2   |
| Set Screw                         |      | M4x4              | 1   |
|                                   |      | M4x10             | 2   |
| Ring Self Tapping Screw           |      | 3x4               | 2   |
| Washer                            |      | ø6xø3.1x0.2       | 2   |
| Nylon Lock Nut                    |      | M3                | 2   |
| E clip                            |      | ø2.5              | 5   |
| O'Ring                            |      | ø8.05xø4.95xø1.55 | 4   |
|                                   |      | ø8xø3xø2.5        | 4   |
|                                   |      | ø15.6xø12.6xø1.5  | 2   |
| Ball Bearing                      |      | ø15xø10x4         | 2   |
|                                   |      | ø10xø5x4          | 6   |

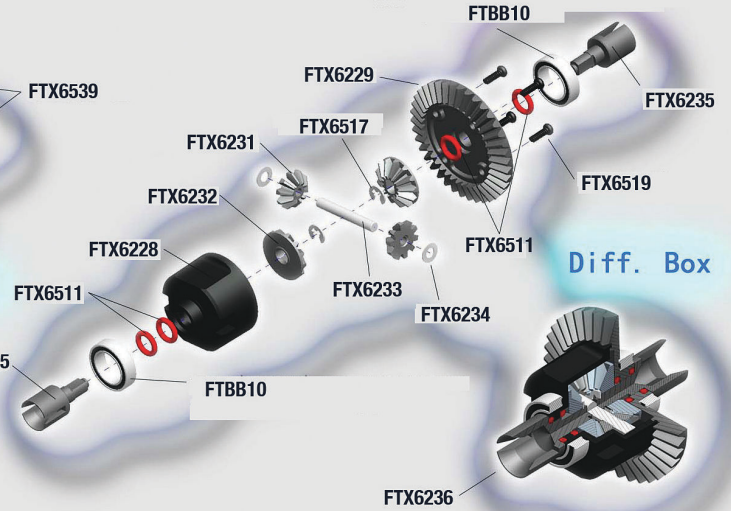
## Front Assembly



## Gearbox Assembly

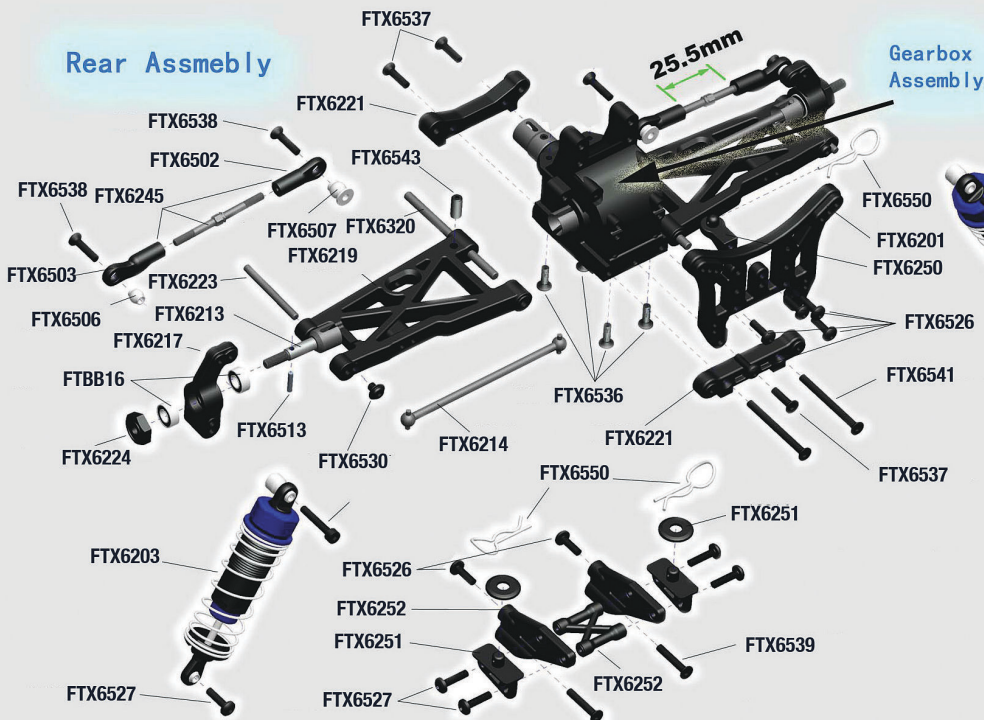


## Diff Box



## Diff. Box

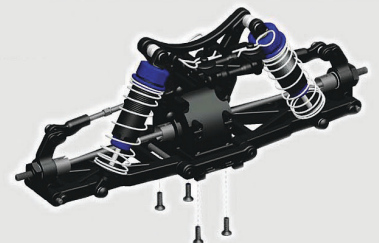
## Rear Assmbley



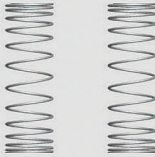
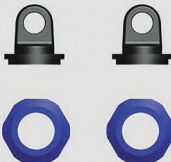
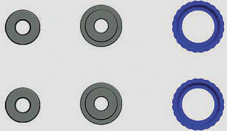
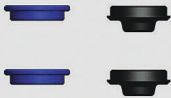
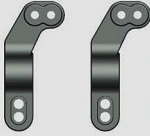
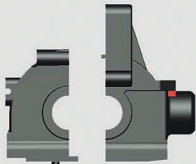
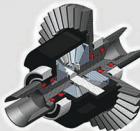
## Gearbox Assembly

# B O M

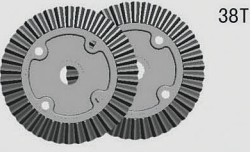
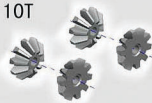
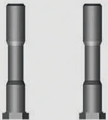
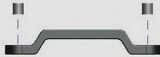
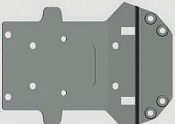
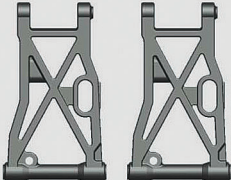
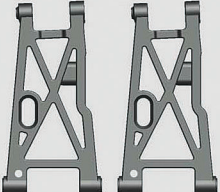
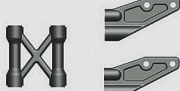
| TYPE                              | ICON | SPEC              | QTY |
|-----------------------------------|------|-------------------|-----|
| Round Head Self Tapping Hex Screw |      | 2x10              | 4   |
| Button Head Hex Screw             |      | M3x8              | 2   |
|                                   |      | M3x10             | 7   |
|                                   |      | M3x12             | 6   |
|                                   |      | M3x18             | 2   |
|                                   |      | M3x25             | 1   |
|                                   |      | M3x10             | 4   |
|                                   |      | M3x12             | 3   |
|                                   |      | M3x14             | 4   |
|                                   |      | M3x18             | 4   |
|                                   |      | M3x36             | 2   |
| Set Screw                         |      | M4x4              | 1   |
|                                   |      | M4x10             | 2   |
| Ring Self Tapping Screw           |      | 3x4               | 2   |
| Washer                            |      | ø6xø3.1x0.2       | 2   |
| Nylon Lock Nut                    |      | M3                | 3   |
| E clip                            |      | ø2.5              | 5   |
| O'Ring                            |      | ø8.05xø4.95xø1.55 | 4   |
|                                   |      | ø8xø3xø2.5        | 4   |
|                                   |      | ø15.6xø12.6xø1.5  | 2   |
| Ball Bearing                      |      | ø15xø10x4         | 2   |
|                                   |      | ø10xø5x4          | 6   |



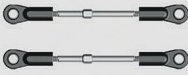
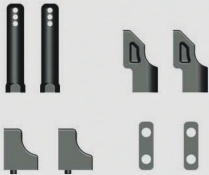
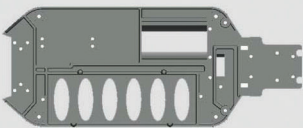
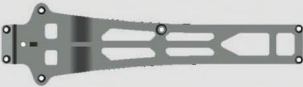
# Common Part List

|                                                                                                                                                             |                                                                                                                                               |                                                                                                                                                          |                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Front Shock Tower 1pc</p>  <p><b>FTX6200</b></p>                        | <p>Rear Shock Tower 1pc</p>  <p><b>FTX6201</b></p>           | <p>Front Shocks 2pc</p>  <p><b>FTX6202</b></p>                         | <p>Rear Shock Tower 2pc</p>  <p><b>FTX6203</b></p>                    |
| <p>Front Shock Spring 2pc</p>  <p><b>FTX6204</b></p>                       | <p>Rear Shock Spring 2pc</p>  <p><b>FTX6205</b></p>          | <p>Front Shock Shaft &amp; Piston Set 2sets</p>  <p><b>FTX6206</b></p> | <p>Rear Shock Shaft &amp; Piston Set 2sets</p>  <p><b>FTX6207</b></p> |
| <p>Front Shock Body 2pc</p>  <p><b>FTX6208</b></p>                        | <p>Rear Shock body 2pc</p>  <p><b>FTX6209</b></p>           | <p>Shock Upper Cap 2sets</p>  <p><b>FTX6210</b></p>                   | <p>Shock Lower Caps 2sets</p>  <p><b>FTX6211</b></p>                 |
| <p>Shock Lower holder &amp; Adjust Ring 2sets</p>  <p><b>FTX6212</b></p> | <p>Steering Knuckle Arm 1set</p>  <p><b>FTX6215</b></p>    | <p>Uprights 2pc</p>  <p><b>FTX6216</b></p>                           | <p>Rear Hub Carrier 2pc</p>  <p><b>FTX6217</b></p>                  |
| <p>Rear Drive Shaft 2pc</p>  <p><b>FTX6213</b></p>                       | <p>Front Susp. Holders 2pc</p>  <p><b>FTX6220</b></p>      | <p>Rear Susp. Holders 2pc</p>  <p><b>FTX6221</b></p>                 | <p>Gearbox Housing Set 2pcs</p>  <p><b>FTX6225</b></p>              |
| <p>Diff 16T Gear Washer 6pcs</p>  <p><b>FTX6226</b></p>                  | <p>Diff. Drive Gear w/pin 2sets</p>  <p><b>FTX6227</b></p> | <p>Diff Gearbox Set 1set</p>  <p><b>FTX6236</b></p>                  | <p>Diff Case 2pcs</p>  <p><b>FTX6228</b></p>                        |

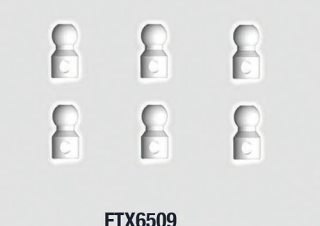
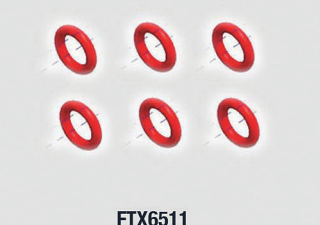
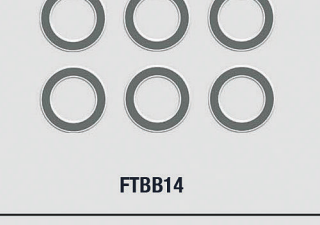
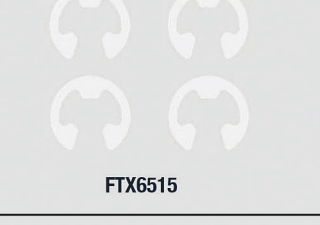
# Common Part List

|                                                                                                                                    |                                                                                                                                                |                                                                                                                                                |                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Diff Drive Spur Gear 2pcs</p>  <p>FTX6229</p>  | <p>Diff Drive Gear 2pcs</p>  <p>FTX6230</p>                   | <p>Diff Bevel Gear S. 4pcs</p>  <p>FTX6231</p>               | <p>Diff Bevel Gear B. 4pcs</p>  <p>FTX6232</p>                              |
| <p>Diff Pin 2pcs</p>  <p>FTX6233</p>              | <p>Washer 6pcs</p>  <p>FTX6234</p>                            | <p>Diff Drive Cup 4pcs</p>  <p>FTX6235</p>                   | <p>Center Coupler 3pcs</p>  <p>FTX6237</p>                                  |
| <p>Servo Saver Post 2pcs</p>  <p>FTX6240</p>     | <p>Steering Ackerman</p>  <p>FTX6241</p>                     | <p>Wheel Hub 4pcs</p>  <p>FTX6224</p>                       | <p>Antenna Pipe Set 2sets</p>  <p>FAST103</p>                              |
| <p>Servo Saver (EP) 1set</p>  <p>FTX6242</p>    | <p>Front buggy tyre set 2sets</p>  <p>FTX6300W FTX6300B</p> | <p>Rear buggy tyre set 2sets</p>  <p>FTX6301W FTX6301B</p> | <p>Front Rim 2pcs<br/>Rear Rim 2pcs</p>  <p>FTX6305 (FR) FTX6306 (RE)</p> |
| <p>Front CVD 2sets</p>  <p>FTX6222</p>           | <p>Chassis Front Part 1pc</p>  <p>FTX6253</p>               | <p>Front Bumper buggy 1pc</p>  <p>FTX6254</p>              | <p>Front Lower Susp. Arm 2pc</p>  <p>FTX6218</p>                          |
| <p>Rear Lower Susp. Arm 2pc</p>  <p>FTX6219</p> | <p>Wing Bracket 1set</p>  <p>FTX6252</p>                    | <p>Wing Holder 1set</p>  <p>FTX6251</p>                    | <p>Buggy Body Mount 1set</p>  <p>FTX6250</p>                              |

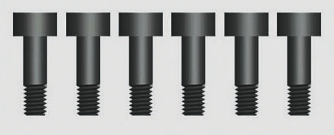
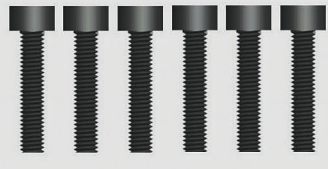
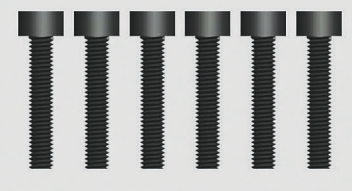
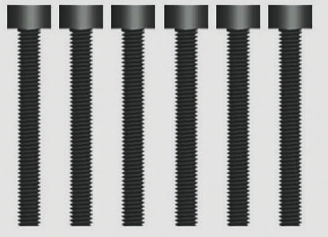
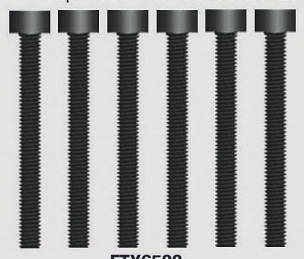
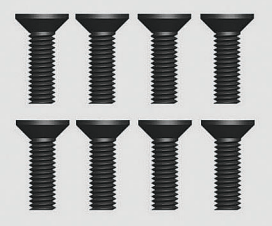
# Part List

|                                                                                                                                                                                                                                                                             |                                                                                                                                                  |                                                                                                                                                   |                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Servo Linkage 1pc</p>  <p><b>FTX6243</b></p> <p>Front Upper Susp. Arm 2sets</p>  <p><b>FTX6244</b></p> | <p>Rear Upper Susp. Arm 2sets</p>  <p><b>FTX6245</b></p>        | <p>Steering Arm 2sets</p>  <p><b>FTX6246</b></p>                | <p>Central Dongbone F. 1pc</p>  <p><b>FTX6214</b></p>       |
| <p>Battery Cover (EP) 1pc</p>  <p><b>FTX6255</b></p>                                                                                                                                       | <p>Battery Post 2sets</p>  <p><b>FTX6256</b></p>                | <p>Post for Rear Spur Gear Cover 2pc</p>  <p><b>FTX6257</b></p> | <p>Motor Mount (EP) 1pc</p>  <p><b>FTX6258</b></p>          |
| <p>Slipper Complete (EP) 1set</p>  <p><b>FTX6266</b></p>                                                                                                                                  | <p>Slipper Pad (EP) 2pc</p>  <p><b>FTX6267</b></p>             | <p>Slipper Gasket (EP) 2pc</p>  <p><b>FTX6268</b></p>          | <p>65T Spur Gear (EP) 1pc</p>  <p><b>FTX6275</b></p>       |
| <p>Slipper Shaft (EP) 1pc</p>  <p><b>FTX6269</b></p>                                                                                                                                     | <p>Slipper Spring Bracket (EP) 1pc</p>  <p><b>FTX6270</b></p> | <p>Slipper Spring (EP) 1pc</p>  <p><b>FTX6271</b></p>         | <p>Slipper Coupler (EP) 1pc</p>  <p><b>FTX6272</b></p>    |
| <p>Slipper Drive Cup 1pc</p>  <p><b>FTX6273</b></p>                                                                                                                                      | <p>BEARING BRACKET (EP) 1pc</p>  <p><b>FTX6262</b></p>        | <p>Pinion Gear 23T (EP) 1pc</p>  <p><b>FTX6278</b></p>        | <p>Sway Bar 2Sets</p>  <p><b>FTX6375 (option)</b></p>     |
| <p>EP Chassiss plate 1pc</p>  <p><b>FTX6259</b></p>                                                                                                                                       | <p>Rear Spur Gear Cover (EP) 1pc</p>  <p><b>FTX6260</b></p>   | <p>Upper plate (EP) 1pc</p>  <p><b>FTX6261</b></p>            | <p>Center Drive Shaft (EP) 1pc</p>  <p><b>FTX6265</b></p> |

# Part List

|                                                                                                                                                 |                                                                                                                                              |                                                                                                                                     |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Body Clip(Medium Size) 6pcs</p>  <p>FTX6550</p>              | <p>Body Clip(Small Size) 6pcs</p>  <p>FTX6551</p>           | <p>Shock Ball End 6pcs</p>  <p>FTX6500</p>        | <p>Servo Link Ball End 6pcs</p>  <p>FTX6501</p>                 |
| <p>Steering Linkage Ball End 6pcs</p>  <p>FTX6502</p>           | <p>Rear Upper Linkage Ball End 6pcs</p>  <p>FTX6503</p>     | <p>Sway Bar Fix Plate 6pcs</p>  <p>FTX6504</p>    | <p>Sway Bar Holders 6pcs</p>  <p>FTX6505</p>                    |
| <p>Ball A 6pcs</p>  <p>FTX6506</p>                             | <p>Ball B 6pcs</p>  <p>FTX6507</p>                         | <p>Ball C 6pcs</p>  <p>FTX6508</p>               | <p>Ball D 6pcs</p>  <p>FTX6509</p>                             |
| <p>Shock O-ring(Lower) 6pcs</p>  <p>FTX6510</p>               | <p>Diff O-ring Seal 6pcs</p>  <p>FTX6511</p>              | <p>Shock O-ring(upper) 6pcs</p>  <p>FTX6512</p> | <p>Pin <math>\phi 2 \times 10</math> 6pcs</p>  <p>FTX6513</p> |
| <p>Pin <math>\phi 2 \times 11</math> 6pcs</p>  <p>FTX6514</p> | <p>Hinge Pins(long &amp; short) 1sets</p>  <p>FTX6223</p> | <p>Ball Bearing 15*10*4 6pcs</p>  <p>FTBB10</p> | <p>Ball Bearing 10*5*4 6pcs</p>  <p>FTBB16</p>                |
| <p>Ball Bearing 8*5*2.5 6pcs</p>  <p>FTBB14</p>               | <p>E clip-8mm 4pc</p>  <p>FTX6515</p>                     | <p>E clip-4mm 6pc</p>  <p>FTX6516</p>           | <p>E clip-2.5mm 6pc</p>  <p>FTX6517</p>                       |

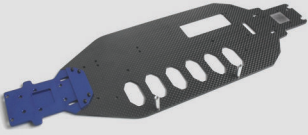
# Part List

|                                                                                                                                                              |                                                                                                                                                               |                                                                                                                                                                                                         |                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Nylon Lock Nut M3 6pc</p>  <p><b>FASTM3</b></p>                          | <p>Nylon Lock Nut-M4 6pc</p>  <p><b>FASTM4</b></p>                           | <p>Round Head Self Tapping<br/>Hex Screw 2*6 4pcs</p>  <p><b>FTX6518</b></p>                                          | <p>Round Head Self Tapping<br/>Hex Screw 2*10 6pc</p>  <p><b>FTX6519</b></p> |
| <p>Round Head Self Tapping<br/>Hex Screw 3*15 8pc</p>  <p><b>FTX6520</b></p> | <p>Round Head Self Tapping<br/>Hex Screw M3*6 6pc</p>  <p><b>FTX6522</b></p> | <p>Button Head Hex Screw<br/>M3*8 6pc</p>  <p><b>FTX6525</b></p>                                                      | <p>Button Head Hex Screw<br/>M3*10 6pc</p>  <p><b>FTX6526</b></p>            |
| <p>Button Head Hex Screw<br/>M3*12 6pc</p>  <p><b>FTX6527</b></p>           | <p>Button Head Hex Screw<br/>M3*14 6pc</p>  <p><b>FTX6528</b></p>           | <p>Ring Self Tapping Screw 3*4 4pc<br/>Ring Self Tapping Screw 3*6 6pc</p>  <p><b>FTX6530</b><br/><b>FTX6531</b></p> | <p>Set Screw M3*3 6pc</p>  <p><b>FAST122</b></p>                            |
| <p>Set Screw M4*4 6pc</p>  <p><b>FAST123</b></p>                           | <p>Button Head Hex Screw<br/>M4*10 6pc</p>  <p><b>FTX6543</b></p>          | <p>Cap Head Hex Screw M3*8 6pc</p>  <p><b>FAST114</b></p>                                                           | <p>Cap Head Hex Screw<br/>M3*10 6pc</p>  <p><b>FTX6542</b></p>             |
| <p>Cap Head Hex Screw M3*10 6pc</p>  <p><b>FAST115</b></p>                 | <p>Cap Head Hex Screw<br/>M3*14 6pc</p>  <p><b>FTX6532</b></p>             | <p>Cap Head Hex Screw M3*15 6pc</p>  <p><b>FAST117</b></p>                                                          | <p>Cap Head Hex Screw<br/>M3*18 6pc</p>  <p><b>FAST118</b></p>             |
| <p>Cap Head Hex Screw M3*25 6pc</p>  <p><b>FAST119</b></p>                 | <p>Cap Head Hex Screw M3*28 6pc</p>  <p><b>FTX6533</b></p>                 | <p>Flat Head Hex M3*8 6pc</p>  <p><b>FTX6535</b></p>                                                                | <p>Flat Head Hex Screw M3*10 8p</p>  <p><b>FTX6536</b></p>                 |

# Part List

|                                                                                                                                         |                                                                                                                                                                                 |                                                                                                                                                                                                                                          |                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <p>Flat Head Hex Screw M3*12 6p</p>  <p>FTX6537</p>     | <p>Flat Head Hex Screw M3*14 6p</p>  <p>FTX6538</p>                                            | <p>Flat Head Hex Screw M3*18 3p</p>  <p>FTX6539</p>                                                                                                    | <p>Flat Head Hex Screw M3*20 6p</p>  <p>FTX6540</p> |
| <p>Flat Head Hex Screw M3*36 2p</p>  <p>FTX6541</p>     | <p>AM Transmitter 1pc<br/>AM RX 1pc</p>  <p>ET6555</p>                                         | <p>2.4GHz Transmitter 1pc<br/>ET1060</p>  <p>Reciever<br/>ET1095</p>  | <p>Brushless ESC 1pc</p>  <p>ET0110</p>             |
| <p>300A ESC 1pc</p>  <p>FTX6557</p>                   | <p>3650 Brushless Motor 1pc</p>  <p>ET0332</p>                                                | <p>550 Brushed Motor 1pc</p>  <p>FTX6558</p>                                                                                                          | <p>Ni-MH 7.2V 1800mAh 1pc</p>  <p>VZ0010</p>       |
| <p>3kg/cm Servo 1pc</p>  <p>FTX6559</p>              | <p>Clear Body (EP) 1pc</p>  <p>FTX6280</p>                                                   | <p>Printed Body (EP) 1pc</p>  <p>FTX6281</p>                                                                                                         | <p>Printed Body (EP) 1pc</p>  <p>FTX6282</p>      |
| <p>Printed Body (EP) 1pc</p>  <p>FTX6283 (option)</p> | <p>Buggy Tail Wing (Black) 1pc<br/>FTX6285</p>  <p>Buggy Clear Tail Wing 1pc<br/>FTX6286</p> | <p>Li-Po 2500mAh 7.4V 1pc</p>  <p>VZ0304</p>                                                                                                         | <p>1/10 Charger 1pc</p>  <p>ET0220</p>            |
| <p>LiPO Balance Charger<br/>ET0219</p>               |                                                                                                                                                                                 |                                                                                                                                                                                                                                          |                                                                                                                                        |

# Upgrade Parts List

|                                                                                                                                                               |                                                                                                                                                           |                                                                                                                                                            |                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Front Shock Plate<br/>(carbon) 1 set</b></p>  <p><b>FTX6351</b></p>     | <p><b>Rear Shock Plate<br/>(carbon) 1 set</b></p>  <p><b>FTX6352</b></p> | <p><b>Battery cover<br/>(carbon) 1 set</b></p>  <p><b>FTX6354</b></p>    | <p><b>Body Post<br/>(Al.) 2 pcs</b></p>  <p><b>FTX6355</b></p>           |
| <p><b>Front Shocks (Al.) 2 pcs</b></p>  <p><b>FTX6356</b></p>                | <p><b>Rear Shocks (Al.) 2 pcs</b></p>  <p><b>FTX6357</b></p>             | <p><b>Steering Ackerman (Al.) 1 pc</b></p>  <p><b>FTX6360</b></p>        | <p><b>Front Susp. Holders<br/>(Al.) 1 set</b></p>  <p><b>FTX6361</b></p> |
| <p><b>Rear susp. holders (Al.) 1 set</b></p>  <p><b>FTX6362</b></p>         | <p><b>Rear hub carrier (Al.) 2 pcs</b></p>  <p><b>FTX6363</b></p>       | <p><b>Steering Knuckle Arm (Al.) 1 set</b></p>  <p><b>FTX6364</b></p>   | <p><b>Wheel Hub (Al.) 4 pcs</b></p>  <p><b>FTX6365</b></p>              |
| <p><b>Heatsink 1 pc</b></p>  <p><b>FTX6373</b></p>                         | <p><b>Wheelieset 1 set</b></p>  <p><b>FTX6366</b></p>                  | <p><b>Aluminium Steering Arms 2 pcs</b></p>  <p><b>FTX6367</b></p>     | <p><b>Alum. Knuckle Arm 2 pcs</b></p>  <p><b>FTX6368</b></p>           |
| <p><b>Chassis Plate<br/>(Al. + carbon) 1 set</b></p>  <p><b>FTX6369</b></p> | <p><b>Upper Plate (carbon) 1 pc</b></p>  <p><b>FTX6370</b></p>         | <p><b>Front lower susp. arm (Al.) 2 pcs</b></p>  <p><b>FTX6371</b></p> | <p><b>Rear lower susp. arm (Al.) 2 pcs</b></p>  <p><b>FTX6372</b></p>  |
|                                                                                                                                                               |                                                                                                                                                           |                                                                                                                                                            |                                                                                                                                                             |

# VANTAGE



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