

HOOOLIGAN

RX

**1/10TH SCALE 4WD READY-TO-RUN
NITRO ENGINE POWERED RALLYCROSS CAR**



99%
RTR

2.4
GHz

4WD

NITRO
POWERED

INSTRUCTION MANUAL

INCLUDING COMPONENT AND UPGRADE PARTS LISTING

www.ftx-rc.com





Cooling Problems

Engine overheating is most often caused by running the engine too lean or because the cooling air for the cylinder head is blocked. If the mixture is too lean, simply allow the engine to cool, richen the mixture and try it again. Bodies must have holes cut in them to allow for cooling air to circulate over the surface of the cylinder head. On most bodies, it is a good idea to cut part of the wind-shield out and part of the back window to allow for additional cooling.

Factory Settings for GO.18

All new engines are assembled with what we will term 'factory settings'. These settings should allow almost all engines to be started up and allow for minimal adjustment for running in purposes.

Bearing this in mind, we are offering you the opportunity of re-adjusting to the 'factory settings' based on engines currently held in stock.

Main Needle Valve – High Speed Adjustment (HSA)

Screw down until resistance is met, and no further movement is apparent. RE-OPEN 3 1/4 TURNS.

Throttle Adjustment Screw – Idle Adjustment (IA)

Gently shut off carburettor sliding body and slowly re-open by means of adjusting screw.

ADJUST SCREW UNTIL APPROX 1 or 1 1/4mm OF APERTURE APPEARS BETWEEN THE END OF THE THROTTLE BODY AND AIR INTAKE APERTURE.

Sub Throttle Needle Valve – Low Speed Adjustment (LSA)

With adjustment screw setting in place, close off the throttle body against the screw. Very gently screw in the needle valve until it closes off the supply fuel nozzle and is prevented from re-opening by the entry of the needle valve into the centre hole of the fuel nozzle (work with great care with this one - we are only looking for minimal frictional contact between both parts). RE-OPEN VALVE 2 1/2 TURNS.

Glossary of Carburettor Functions

Main Needle Valve (High Speed)

The main needle mixture screw controls how much fuel enters the engine during mid- to high-speed operation. The screw is turned clockwise to lean (less fuel) and anti-clockwise to richen (more fuel)

Sub Throttle Valve (Low Speed)

This screw meters the fuel at low speeds. The low-speed mixture screw is located in the end of the carburetor, inside the throttle arm.

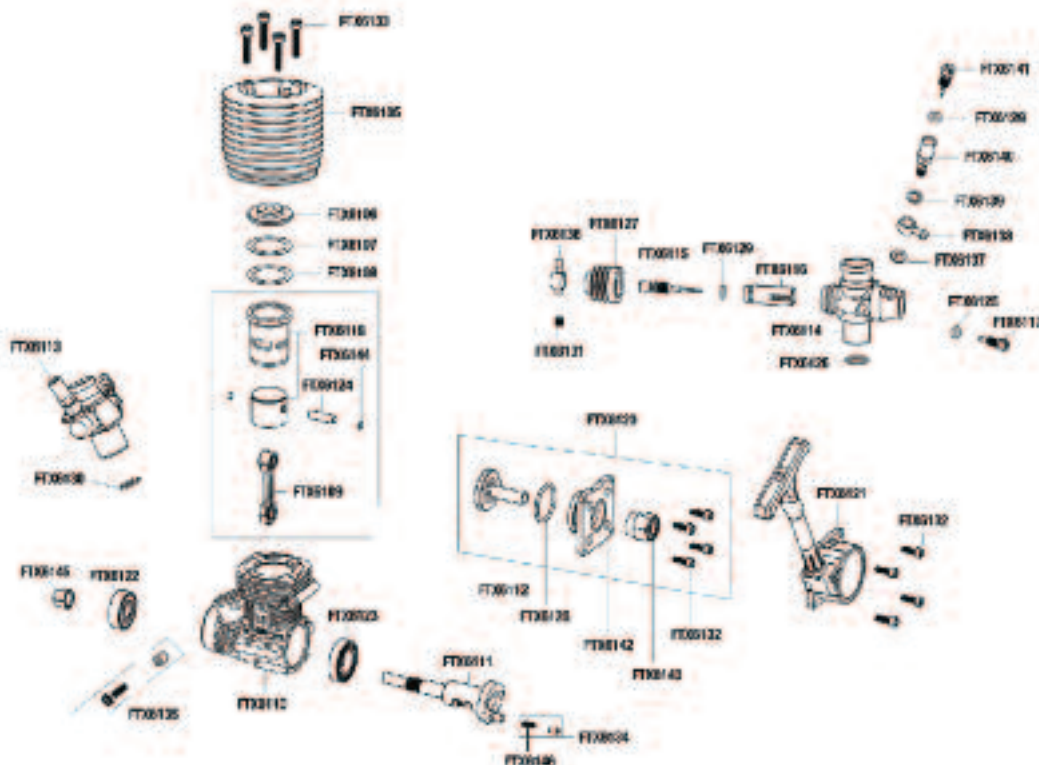
This screw controls how much fuel enters the engine at idle and low throttle. This adjustment will smooth the idle and improve the acceleration to mid speed. Make this adjustment with the throttle closed, after setting the idle. The screw is turned clockwise to lean (less fuel) and anti-clockwise to richen (more fuel)

Throttle Adjustment Screw

The throttle adjustment screw regulates the throttle opening to control the idle speed. The screw is turned clockwise for a higher idle speed and anti-clockwise for a lower idle speed.







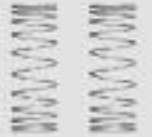
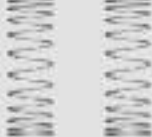













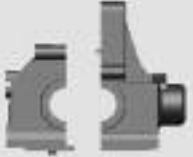




18S EXPLODED VIEW & PARTS LIST



PART NO.	DESCRIPTION
FT06105	Cylinder Head, Blue
FT06106	Burn Doors (18)
FT06107	Burn Room Washer 0.2mm
FT06108	Burn Room Washer 0.3mm
FT06109	Connecting Rod
FT06110	Crankcase, Side Exhaust
FT06111	Crankshaft 12mm
FT06112	T-Axis
FT06113	Carburetor Completely Set (Side)
FT06114	Carburetor Main Body (Side)
FT06115	Throttle Needle (Side)
FT06116	Throttle (Side)
FT06117	Throttle stop adjustment screw
FT06118	18 Cylinder Sleeve/Piston SP
FT06119	18 Cylinder Completely Set 3P
FT06120	Start Aisle completely Set 15.18
FT06121	Full Starter Completely Set
FT06122	Ball Bearing 7mm
FT06123	Ball Bearing 12mmx21
FT06124	Piston Gudgeon pin 4x34 For 18S
FT06125	10" Ring 2x1.8
FT06126	10" Ring 10x1
FT06127	Throttle Boot 15.18
FT06128	10" Ring 17x1.5
FT06129	10" Ring 2.5x1.78
FT06130	10" Ring 12x1.5
FT06131	Screw 3x3
FT06132	Screw 2.6x5 4pcs
FT06133	Screw 3x14 4pcs
FT06134	Starter Gudgeon Pin For 15.18 20
FT06135	Carburetor Setting Pin for Side 15.18
FT06136	Throttle Screw Cap
FT06137	Fuel Supply washer 7.5x4
FT06138	Fuel Supply Nipple
FT06139	Fuel Supply Washer, Aluminum 7.5x5
FT06140	Main Needle Seat
FT06141	Main Needle
FT06142	11" Aisle Connective Set For 15.18 20
FT06143	One way shaft
FT06144	10" Pin 2pcs/set
FT06145	Brass Cone
FT06146	Engage Spring for GO.18 5pcs

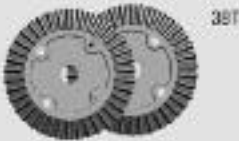









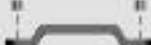












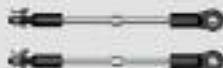
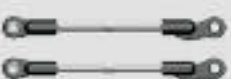


COMMON PARTS LIST

<p>FTX6410 - Front Shock Tower 1pc</p> 	<p>FTX6461 - Rear Shock Tower 1pc</p> 	<p>FTX6452 - Front Shocks 2pc (GP)</p> 	<p>FTX6453 - Rear Shock Tower 2pc (GP)</p> 
<p>FTX6454 - Front Shock Spring 2pc (GP)</p> 	<p>FTX6455 - Rear Shock Spring 2pc (GP)</p> 	<p>FTX6206 - Front Shock Shaft & Piston Set 2sets</p> 	<p>FTX6207 - Rear Shock Shaft & Piston Set 2sets</p> 
<p>FTX6208 - Front Shock Body 2pc</p> 	<p>FTX6209 - Rear Shock body 2pc</p> 	<p>FTX6210 - Shock Upper Cap 2sets</p> 	<p>FTX6211 - Shock Lower Caps 2sets</p> 
<p>FTX6212 - Shock Lower holder & Adjust Ring 2sets</p> 	<p>FTX6215 - Steering Knuckle Arm 1set</p> 	<p>FTX6216 - Uprights 2pc</p> 	<p>FTX6217 - Rear Hub Carrier 2pc</p> 
<p>FTX6213 - Rear Drive Shaft 2pc</p> 	<p>FTX6220 - Front Susp. Holders 2pc</p> 	<p>FTX6221 - Rear Susp. Holders 2pc</p> 	<p>FTX6225 - Gearbox Housing Set 2pos</p> 
<p>FTX6226 - Diff 16T Gear Washer 6pcs</p> 	<p>FTX6227 - Diff Drive Gear w/pin 2sets</p> 	<p>FTX6228 - Diff Gearbox Set 1set</p> 	<p>FTX6229 - Diff Case 2pos</p> 



COMMON PARTS LIST

<p>FTX6229-Diff Drive Spur Gear 2pos</p>  <p>38T</p>	<p>FTX6230-Diff Drive Gear 2pos</p>  <p>13T</p>	<p>FTX6231-Diff Bevel Gear S. 4pos</p>  <p>10T</p>	<p>FTX6232-Diff Bevel Gear B. 4pos</p>  <p>13T</p>
<p>FTX6233-Diff Pin 2pos</p> 	<p>FTX6234-Washer 6pos</p> 	<p>FTX6235-Diff Drive Cup 4pos</p> 	<p>FTX6237-Center Coupler 3pos</p> 
<p>FTX6405-Servo Saver (BP) 1set</p> 	<p>FTX6240-Servo Saver Post 2pos</p> 	<p>FTX6241-Steering Ackerman</p> 	<p>FTX6226-Wheel Hub 4pos</p> 
<p>FAST103-Antenna Pipe Set 2sets</p> 	<p>FTX6236-Servo Saver (EP) 1set</p> 	<p>FTX6463-truck wheel complete 2sets</p> 	<p>FTX6465-truck tyre & insert 2sets</p> 
<p>FTX6464-truck rim 2pos</p> 	<p>FTX6222-Front CVD 2sets</p> 	<p>FTX6459-Chassis Front Part 1pc</p> 	<p>FTX6465-Bumper Rail 1pc</p> 
<p>FTX6218-Front Lower Susp. Arm 2pc</p> 	<p>FTX6219-Rear Lower Susp. Arm 2pc</p> 	<p>FTX6243-Servo Linkage 1pc</p>  <p>FTX6244-Front Upper Susp. Arm 2sets</p> 	<p>FTX6245-Rear Upper Susp. Arm 2sets</p> 



























PARTS LIST

<p>FTX6246-Steering Arm 2sets</p> 	<p>FTX6456-Central Dongbone R. 1pc (Nitro Version Only)</p> 	<p>FTX6486-Chassis Plate Rear Part 1pc (Nitro Version Only)</p> 	<p>FTX6419-Manifold Gasket 6pc</p> 
		<p>FTX64601-Servo & Upper Plate Mounts 1set (Nitro Version Only)</p> 	<p>FTX6403-Upper Plate 1pc (Nitro Version Only)</p> 
<p>FTX6434-Upper Steering Plate (Nitro Version Only)</p> 	<p>FTX6435-Fuel tank Set 1set (Nitro Version Only)</p> 	<p>FAST640-Fuel Line 2pcs (Nitro Version Only)</p> 	<p>FTX6486-Front/Rear Chassis Brace (Nitro Version Only)</p> 
<p>FTX6407-Receiver Box 1set (Nitro Version Only)</p> 	<p>FAST68-Switch Cover 2pcs (Nitro Version Only)</p> 	<p>FTX6247-Servo Horns (Nitro Version Only)</p> 	<p>FTX6409-Chassis Brace mount 1pc</p> 
<p>FTX6418-Stopper 6pcs (Nitro Version Only)</p> 	<p>FAST6415-Throttle Linkage 1set (Nitro Version Only)</p> 	<p>FTX6412-Central Dongbone F. 1pc (Nitro Version Only)</p> 	<p>FTX6100-60, 15 engine 1pc (Nitro Version Only)</p> 
<p>FTX6414-Air filter 1Set (Nitro Version Only)</p> 	<p>FAST6415-Tuned Pipe 1Set (Nitro Version Only)</p> 	<p>FTX6416-Silicone Coupler 1Set (Nitro Version Only)</p> 	<p>FTX6417-Zip Tie 6pcs (Nitro Version Only)</p> 
















PARTS LIST

<p>FTX6418- Manifold 1Set (Nitro Version Only)</p> 	<p>FTX6420- Flywheel 1pc (Nitro Version Only)</p> 	<p>FTX6421- Clutch Nut 2pcs (Nitro Version Only)</p> 	<p>FTX6422-Clutch Shoes & Springs (Nitro Version Only)</p> 
<p>FTX6425-Engine mount 2pcs (Nitro Version Only)</p> 	<p>FTX6467- Clutch Bell (16T) 1pc (Nitro Version Only)</p> 	<p>FTX6468-Clutch Bell (21T) 1pc (Nitro Version Only)</p> 	<p>FTX6426-Central Transmission Complete 1Set (Single Speed) (Nitro Version Only)</p> 
<p>FTX6427-Central Transmission Bulkheads 2pcs (Nitro Version Only)</p> 	<p>FTX6428- Brake Post 1Set (Nitro Version Only)</p> 	<p>FTX6429-Brake Set 1set (Nitro Version Only)</p> 	<p>FTX6430- Brake Cup 2pcs (Nitro Version Only)</p> 
<p>FTX6431-Single Speed Shaft w/pin (Nitro Version Only)</p> 	<p>FTX6434 - 50T Gear (Single Speed) 1pc (Nitro Version Only)</p> 	<p>FTX6435 -Central Transmission Complete 1Set (Two Speed) (Nitro Version Option Only)</p> 	<p>FTX6437 - Two Speed Clutch 1Set (Nitro Version Option Only)</p> 
<p>FTX6431- Two Speed Shaft 1pc (Nitro Version Option Only)</p> 	<p>FTX6438 - 50T Two Speed Gear 1pc (Nitro Version Option Only)</p> 	<p>FTX6440 - 45T Two Speed Gear 1pc (Nitro Version Option Only)</p> 	<p>FTX6255 - Battery Strap (EP) 1pc</p> 
<p>FTX6256 - Battery Post 2sets (option)</p> 	<p>FTX6257 - Post for Rear Spur Gear Cover 2pc</p> 	<p>FTX6258 - Motor Mount (EP) 1pc</p> 	<p>FTX6266 - Slipper Complete (EP) 1set</p> 


























PARTS LIST

<p>FTX6267 - Slipper Pad (EP) 2pc</p> 	<p>FTX6268 - Slipper Gasket (EP) 2pc</p> 	<p>FTX6275 - 85T Spur Gear (EP) 1pc</p> 	<p>FTX6269P - Slipper Shaft (EP) 1pc</p> 
<p>FTX6270 - Slipper Spring Bracket (EP) 1pc</p> 	<p>FTX6271 - Slipper Spring (EP) 1pc</p> 	<p>FTX6272 - Slipper Coupler (EP) 1pc</p> 	<p>FTX6273 - Slipper Drive Cup 1pc</p> 
<p>FTX6262 - BEARING BRACKET (EP) 1pc</p> 	<p>FTX6276 - Pinion Gear 23T (EP) 1pc</p> 	<p>FTX6375 - Sway Bar 2Sets</p> 	<p>FTX6232 - EP Chassis plate 1pc</p> 
<p>FTX6260 - Rear Spur Gear Cover (EP) 1pc</p> 	<p>FTX6261 - Upper plate (EP) 1pc</p> 	<p>FTX6265 - Center Drive Shaft (EP) 1pc</p> 	<p>FTX6559 - Body Clip (Medium Size) 6pcs</p> 
<p>FTX6551 - Body Clip (Small Size) 6pcs</p> 	<p>FTX6500 - Shock Ball End 6pcs</p> 	<p>FTX6501 - Servo Link Ball End 6pcs</p> 	<p>FTX6502 - Steering Linkage Ball End 6pcs</p> 
<p>FTX6503 - Rear Upper Linkage Ball End 6pcs</p> 	<p>FTX6504 - Sway Bar Fix Plate 6pcs</p> 	<p>FTX6505 - Sway Bar Holders 6pcs</p> 	<p>FTX6506 - Ball A 6pcs</p> 


















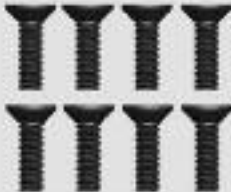




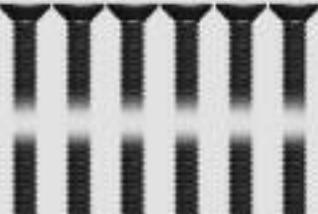



PARTS LIST

<p>FTX6587 - Ball B 6pcs</p> 	<p>FTX6508 - Ball C 6pcs</p> 	<p>FTX6509 - Ball D 6pcs</p> 	<p>FTX6510 - Shock O-ring(Lower) 6pcs</p> 
<p>FTX6507 - Diff O-ring Seal 6pcs</p> 	<p>FTX6505 - Shock seal cover 4pcs</p> 	<p>FTX6441 - Tuned Pipe Seal & Fuel Tank Seal 1set (Nitro Version Only)</p> 	<p>FTX6531 - Pin f2*10 6pcs</p> 
<p>FTX6514 - Pin f2*11 6pcs</p> 	<p>FTX6536 - Hinge Pins(long & short) 1set</p> 	<p>FTX6442 - One Way Bearing 1pc (Nitro Version Only)</p> 	<p>FTBB10 - Ball Bearing 15*10*4 6pcs</p> 
<p>FTBB16 - Ball Bearing 10*5*4 6pcs</p> 		<p>FTBB14 - Ball Bearing 8*5*2.5 6pcs</p> 	<p>FTX6515 - E clip-5mm 6pc</p> 
<p>FTX6516 - E clip-4mm 6pc</p> 	<p>FTX6517 - E clip-2.5mm 6pc</p> 	<p>FASTM3 - Nylon Lock Nut M3 6pc</p> 	<p>FASTM4 - Nylon Lock Nut-M4 6pc</p> 
<p>FTX6518 - Round Head Self Tapping Hex Screw 2*6 4pcs</p> 	<p>FTX6519 - Round Head Self Tapping Hex Screw 2*10 6pc</p> 	<p>FTX6520 - Round Head Self Tapping Hex Screw 3*15 8pc</p> 	<p>FTX6522 - Round Head Self Tapping Hex Screw M3*6 5pc</p> 



PARTS LIST

<p>FTX6525 - Button Head Hex Screw M3x6 6pc</p> 	<p>FTX6526 - Button Head Hex Screw M3x10 6pc</p> 	<p>FTX6275 - Button Head Hex Screw M3x12 6pc</p> 	<p>FTX6528 - Button Head Hex Screw M3x14 6pc</p> 
<p>FTX6530 - Ring Self Tapping Screw 3x4pc</p> 	<p>FAST122 - Set Screw M3x3 6pc</p> 	<p>FAST125 - Set Screw M4x4 6pc</p> 	<p>FTX6543 - Button Head Hex Screw M4x10 6pc</p> 
<p>FAST114 - Cap Head Hex Screw M3x6 6pc</p> 	<p>FTX6542 - Cap Head Hex Screw M3x10 6pc</p> 	<p>FAST115 - Cap Head Hex Screw M3x10 6pc</p> 	<p>FTX6532 - Cap Head Hex Screw M3x14 6pc</p> 
<p>FAST118 - Cap Head Hex Screw M3x10 6pc</p> 	<p>FAST117 - Cap Head Hex Screw M3x15 6pc</p> 	<p>FAST119 - Cap Head Hex Screw M3x20 6pc</p> 	<p>FTX6533 - Cap Head Hex Screw M3x28 6pc</p> 
<p>FTX6535 - Flat Head Hex M3x6 6pc</p> 	<p>FTX6536 - Flat Head Hex Screw M3x10 6pc</p> 	<p>FTX6537 - Flat Head Hex Screw M3x12 6pc</p> 	<p>FTX6538 - Flat Head Hex Screw M3x14 6pc</p> 
<p>FTX6539 - Flat Head Hex Screw M3x18 3pc</p> 	<p>FTX6540 - Flat Head Hex Screw M3x20 6pc</p> 	<p>FTX6541 - Flat Head Hex Screw M3x36 6pc</p> 	<p>FTX6529 - Button Head Hex Screw M4x6 6pc</p> 



PARTS LIST

<p>ET0220 - 1/10 Charger UK 1pc ET0220E - 1/10 Charger EU 1pc</p> 	<p>VZ0085 - Li-Po 2700mAh 7.4V 1pc</p> 	<p>ET0335 - 3650 Brushless Motor 1pc</p> 	<p>ET0125 - Brushless ESC 1pc</p> 
<p>FTX6699W - 3kg/cm Servo 1pc</p> 	<p>FTX6558 - 550 Brushed Motor 1pc</p> 	<p>VZ0210 - Ni-MH 7.2V 1800mAh 1pc</p> 	<p>FTX6607W - 20A ESC 1pc</p> 
<p>ET0255 - Battery Case 1pc (Micro Version Only)</p> 	<p>ET1098 - 2.4GHz Transmitter 1pc</p>  <p>ET1095 for RX</p>	<p>FTX6466 - Clear Body 1pc</p> 	<p>FTX6464B - Printed Body 1pc FTX6464D FTX6464R</p> 
<p>FTX6457 - Rear Spoiler 1pc</p> 	<p>FTX6584 - Sponge cover 1pcs</p> 	<p>FTX6458 - Bumper sponge 1pc</p> 	<p>FTX6460 - Front/Rear body post set 1 set</p> 
<p>FTX6479 - Rally Tyre with Foam 2pcs</p>  <p>(Option)</p>	<p>FTX6470G - Black - Rally Rim 2pcs FTX6470W - White - Rally Rim 2pcs</p>  <p>(Option)</p>	<p>FTX6477B - Rally Wheel complete 2pcs FTX6477W - Rally Wheel complete 2pcs</p>  <p>(Option)</p>	



UPGRADE PARTS LIST

<p>FTX6482 - Front Shock Plate (Carbon) 1Set</p> 	<p>FTX6483 - Rear Shock Plate (Carbon) 1Set</p> 	<p>FTX6354 - Battery Cover (Carbon) 1set</p> 	<p>FTX6365 - Body Post (AL) 2pc</p> 
<p>FTX6480 - Front Shocks (AL) 2pc</p> 	<p>FTX6481 - Rear Shocks (AL) 2pc</p> 	<p>FTX6360 - Steering Ackerman (AL) 1pc</p> 	<p>FTX6361 - Front Susp. Holders (AL) 1Set</p> 
<p>FTX6378 - Front & Rear Brace (AL) 1Set (Nitro Version Only)</p> 	<p>FTX6362 - Rear Susp. Holders (AL) 1Set</p> 	<p>FTX6363 - Rear Hub Carrier (AL) 2pc</p> 	<p>FTX6379 - Front Top Plate (Carbon) 1pc (Nitro Version Only)</p> 
<p>FTX6364 - Steering Knuckle Arm (AL) 2Set</p> 	<p>FTX6365 - Wheel Hub (AL) 4pc</p> 	<p>FTX6380 - Upper Plate (AL) 1pc (Nitro Version Only)</p> 	<p>FTX6381 - Tuned Pipe (AL) 1Set (Nitro Version Only)</p> 
<p>FTX6382 - Chassis Brace mount (AL) 1pc (Nitro Version Only)</p> 	<p>FTX6366 - Wheelie Set 1Set</p> 	<p>FTX6367 - Alum Steering Arm 2pc</p> 	<p>FTX6368 - Alum Knuckle Arm 2pc</p> 
<p>FTX6373 - Heatsink 1pc</p> 			
<p>FTX6360 - Chassis Plate (AL+Carbon) 1Set</p> 	<p>FTX6370 - Upper Plate (Carbon) 1pc</p> 	<p>FTX6371 - Front Lower Susp. Arm (AL) 2pc</p> 	<p>FTX6372 - Rear Lower Susp. Arm (AL) 2pc</p> 