

SET-UP SHEET

XRAY XB4'19

RACE	UA Offroad Cup 2020		
TRACK	EcoTrack		
NAME	Andrey Monakhov	DATE	13.09.2020

LAPS	13	BEST LAP TIME	22.241 sec
QUALIFYING POSITION	2	FINAL POSITION	2

TRACK SIZE	<input type="checkbox"/> OPEN	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> TIGHT
TRACK TRACTION	<input type="checkbox"/> HIGH	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> LOW
TRACK SURFACE	<input checked="" type="checkbox"/> SMOOTH	<input type="checkbox"/> MEDIUM	<input type="checkbox"/> BUMPY
TRACK TYPE	<input type="checkbox"/> HARD PACKED	<input type="checkbox"/> SOFT DIRT	<input type="checkbox"/> CLAY
	<input type="checkbox"/> CARPET	<input checked="" type="checkbox"/> BLUE GROOVE	<input type="checkbox"/> ASTRO TURF
TRACK CONDITION	<input checked="" type="checkbox"/> DRY	<input type="checkbox"/> DUSTY	<input type="checkbox"/> WET
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> MUD

DIFFERENTIAL TYPE		
FRONT ↓	MIDDLE ↓	REAR ↓
GEAR DIFF <input checked="" type="checkbox"/>	GEAR DIFF <input checked="" type="checkbox"/>	GEAR DIFF <input checked="" type="checkbox"/>
BALL DIFF <input type="checkbox"/>	SLIPPER <input type="checkbox"/>	BALL DIFF <input type="checkbox"/>
OIL 20k cst	OIL 30k cst	OIL 10k cst
SATELLITE GEARS		
COMPOSITE <input checked="" type="checkbox"/>	COMPOSITE <input type="checkbox"/>	COMPOSITE <input type="checkbox"/>
STEEL <input type="checkbox"/>	STEEL <input checked="" type="checkbox"/>	STEEL <input checked="" type="checkbox"/>
CROWN GEAR	SLIPPER	CROWN GEAR
COMPOSITE <input type="checkbox"/>	<input type="text" value="mm"/>	COMPOSITE <input type="checkbox"/>
STEEL <input checked="" type="checkbox"/>	SLIPPER ADJUSTMENT	STEEL <input checked="" type="checkbox"/>
ALU <input type="checkbox"/>		ALU <input type="checkbox"/>

COMPOSITE <input type="checkbox"/>	<input checked="" type="checkbox"/> PINION	COMPOSITE <input type="checkbox"/>
STEEL <input checked="" type="checkbox"/>		STEEL <input checked="" type="checkbox"/>

GEARING	
PINION 18 T	SPUR GEAR 81 T

FRONT	SHOCKS	REAR
3	SPRINGS	2
cst 750	OIL	cst 420
% min	REBOUND	% min
<input checked="" type="checkbox"/> 2 HOLES	PISTONS	<input checked="" type="checkbox"/> 2 HOLES
<input type="checkbox"/> 3 HOLES	<input type="checkbox"/> ø1.2mm	<input type="checkbox"/> 3 HOLES
<input type="checkbox"/> 6 HOLES	<input checked="" type="checkbox"/> ø1.6mm	<input type="checkbox"/> 6 HOLES
	CUSTOM PISTONS	
	<input type="text" value="mm"/> <input type="text" value="mm"/>	

FRONT	ANTI ROLL BAR	REAR
1.8 mm	THICKNESS	1.8 mm

FRONT	TIRES	REAR
mini spike 2	BRAND	mini spike 2
	COMPOUND	
	INSERTS	
	WHEELS	

ELECTRONICS		
MOTOR hw 5.5	hw xr10	SPEEDO
MOTOR TIMING 40	LRP 4200	BATTERY

ELECTRONICS LAYOUT		
MOTOR POSITION	FRONT <input type="checkbox"/>	REAR <input checked="" type="checkbox"/>
BATTERY POSITION	FRONT <input checked="" type="checkbox"/>	REAR <input type="checkbox"/>
BATTERY SIZE	STD. SHORT <input type="checkbox"/>	LOW SHORT <input checked="" type="checkbox"/>

COMMENTS

weight 1720. I did use graphite front arms but it would work better with hard ones.

SRT9022 servo.

Also I found that rear wing works rather with slight higher wall than complete flat.

FRONT	APPLIED	APPLIED	REAR
SHOCK TOWER	STANDARD <input checked="" type="checkbox"/>	LOWER <input type="checkbox"/>	SHOCK TOWER
STEERING BLOCK	MEDIUM <input type="checkbox"/>	HARD <input checked="" type="checkbox"/>	GRAPHITE <input type="checkbox"/>
LONGER BUSHINGS	UP <input type="checkbox"/>	DOWN <input checked="" type="checkbox"/>	
SHIM 2 mm	DRIVE SHAFT STANDARD <input checked="" type="checkbox"/>	SHIM 3 mm	REAR UPRIGHT
SHOCK POSITION	FRONT <input checked="" type="checkbox"/>	REAR <input type="checkbox"/>	SHOCK POSITION
UPRIGHT WHEELBASE	SHIM 2 mm		

FRONT	CASTER	CASTER BLOCK	SHOCK TOWER POSITION	SHOCK POSITION	UPRIGHT WHEELBASE	OFFSET	RAISING GEARBOX
CASTER	6° <input type="checkbox"/>	9° <input checked="" type="checkbox"/>	12° <input type="checkbox"/>	FRONT <input checked="" type="checkbox"/>	REAR <input type="checkbox"/>	FRONT <input checked="" type="checkbox"/>	REAR <input type="checkbox"/>
CASTER BLOCK	MEDIUM <input type="checkbox"/>	HARD <input checked="" type="checkbox"/>	GRAPHITE <input type="checkbox"/>	ALU <input type="checkbox"/>		stock	YES <input type="checkbox"/>
SHOCK TOWER POSITION	FRONT <input checked="" type="checkbox"/>	REAR <input type="checkbox"/>					NO <input checked="" type="checkbox"/>
SHOCK POSITION	FRONT <input checked="" type="checkbox"/>	REAR <input type="checkbox"/>					
UPRIGHT WHEELBASE	SHIM 2 mm						
OFFSET	stock						

FF	FR	RF	RR
1° <input type="checkbox"/>	1° <input type="checkbox"/>	1° <input type="checkbox"/>	1° <input type="checkbox"/>
0.5° <input type="checkbox"/>	0.5° <input type="checkbox"/>	0.5° <input type="checkbox"/>	0.5° <input type="checkbox"/>
ROLL CENTER	ECCENTRIC BUSHINGS		
2mm	0mm		
ALU <input checked="" type="checkbox"/>	BRASS <input type="checkbox"/>		
ALU <input checked="" type="checkbox"/>	BRASS <input type="checkbox"/>		

FRONT TOE	REAR TOE
1	
OUT	IN
BUMP STEER SHIM	GRAPHITE FOR REAR BRACE
ARM SHIM 0 mm	YES <input checked="" type="checkbox"/>
UPPER PLATE	NO <input type="checkbox"/>
STANDARD <input type="checkbox"/>	REAR BRACE
STEERING BRACE <input checked="" type="checkbox"/>	MEDIUM <input type="checkbox"/>
	HARD <input checked="" type="checkbox"/>
	ARM SHIM 2 mm

FRONT CAMBER	FRONT ARM	REAR ARM	REAR CAMBER
1°	MEDIUM <input type="checkbox"/>	MEDIUM <input type="checkbox"/>	1°
	HARD <input checked="" type="checkbox"/>	HARD <input checked="" type="checkbox"/>	
	GRAPHITE <input type="checkbox"/>	GRAPHITE <input type="checkbox"/>	
DOWNSTOP SHIM 0 mm	LENGTH	DOWNSTOP SHIM 0 mm	LENGTH
UPSTOP SHIM 1 mm	RISE HEIGHT 16 mm	UPSTOP SHIM 3 mm	RISE HEIGHT 16 mm

BODY	BALANCE	CHASSIS	BALANCE	WING THICKNESS	WING CUTTING LINE
STANDARD <input checked="" type="checkbox"/>	g	STANDARD <input checked="" type="checkbox"/>	15 g	1.0mm <input type="checkbox"/>	4 3 2 1
LIGHT <input type="checkbox"/>		2.5mm		1.5mm <input checked="" type="checkbox"/>	
				2.0mm <input type="checkbox"/>	
				TYPE xray	