

SET-UP SHEET

XRAY XB8'22 SET-UP VER.01 ©XRAY

XRAY XB8'22 PIVOT BALL

RACE	Thunderalley practice days		
TRACK	Thunderalley		
NAME	Paul Ciccarello	DATE	2 19 2023

TEMPERATURE AIR	60	TEMPERATURE TRACK	
LAPS		BEST LAPTIME	/sec
FINAL POSITION		RACE LENGTH	/min

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

DIFFERENTIAL			
CASE MATERIAL	FRONT	CENTER	REAR
OIL	7	5	3
CROWN GEAR			

GEARING			
CLUTCH SHOE	3	4	
SPRINGS			
CLUTCH BELL	/T	SPUR GEAR	/T

FRONT	SHOCKS		REAR
Zero rebound	TYPE	Zero rebound	
4 dot	SPRINGS	4 dot	
Emulsion	MEMBRANE	Emulsion	
450 /cSt	OIL	450 /cSt	

STANDARD PISTONS			
<input type="checkbox"/> 6 HOLES	<input type="checkbox"/> 1.1 mm	<input type="checkbox"/> 6 HOLES	<input type="checkbox"/>
<input type="checkbox"/> 8 HOLES	<input type="checkbox"/> 1.2 mm	<input type="checkbox"/> 8 HOLES	<input type="checkbox"/>
<input type="checkbox"/> 10 HOLES	<input type="checkbox"/> 1.3 mm	<input type="checkbox"/> 10 HOLES	<input type="checkbox"/>
<input checked="" type="checkbox"/> 5 3-1.4/2-1.5	OTHER	<input checked="" type="checkbox"/> 5 3-1.5/2-1.6	

VALVE PISTONS			
<input type="checkbox"/> 5+2 HOLES	<input type="checkbox"/> 1.5 mm	<input type="checkbox"/> 5+2 HOLES	<input type="checkbox"/>
<input type="checkbox"/> 6+2 HOLES	<input type="checkbox"/> 1.3 mm	<input type="checkbox"/> 6+2 HOLES	<input type="checkbox"/>
<input type="checkbox"/> 8+2 HOLES	<input type="checkbox"/> 1.4 mm	<input type="checkbox"/> 8+2 HOLES	<input type="checkbox"/>
<input type="checkbox"/> 8+2 HOLES	<input type="checkbox"/> 1.2 mm	<input type="checkbox"/> 8+2 HOLES	<input type="checkbox"/>
<input type="checkbox"/> 8+2 HOLES	<input type="checkbox"/> 1.3 mm	<input type="checkbox"/> 8+2 HOLES	<input type="checkbox"/>

FRONT	ANTI-ROLL BAR		REAR
2.0 /mm	THICKNESS	2.2 /mm	

FRONT	TIRES		REAR
Tzo	BRAND		
Ss	COMPOUND		
	INSERTS		
	WHEELS		

ENGINE			
TYPE	Fx303		
MUFFLER	2169		
MANIFOLD	Short		
PLUG	X4		
FUEL			

BODY	OTHER	TOTAL WEIGHT
EASY	EASY LIGHT	/g
<input type="checkbox"/>	<input checked="" type="checkbox"/>	

FRONT		REAR	
-------	--	------	--

STEERING BLOCK
MEDIUM ☐
HARD ☒
GRAPHITE ☐

UPPER ARM SHIM /mm
0 ☐ 1 ☒ 1.5 ☐ 2 ☐

FRONT LOWER SHOCK POSITION
2 1

FRONT DROOP
MEASURE UNDER WHEEL AXLE #107717 GAUGE

LOWER ARM SHIM
0 ☒ 1mm ☐ 2mm ☐

SHOCK TOWERS
FRONT: ALU ☒ GRAPHITE ☐ ALU ☐
REAR: ALU ☐ GRAPHITE ☐ ALU ☐

UPPER SHOCK POSITION
6 5 4 3 2 1

REAR SHOCK POSITION
6 5 4 3 2 1

UPRIGHT ROLL CENTER
1 2 3

REAR ROLL CENTER
3 0 2 1

LOWER ROLL CENTER
1

REAR DROOP
MEASURE UNDER WHEEL AXLE #107717 GAUGE

PIVOT BALLS
UP: STEEL ☒ ALU ☐
DOWN: STEEL ☒ ALU ☐

PIVOT NUT
ALU ☒
BRASS ☐

OFFSET
0 ☐ +1 ☒ +2 ☐

UPRIGHT
MEDIUM ☐
HARD ☒
GRAPHITE ☐
ALU ☐

FLAT
LSM ☒

OFFSET
0 ☐ +1 ☐ +2 ☒

REAR WING
COMPOSITE ☐
LEXAN ☒ OTHER ☐

FRONT MIDDLE REAR
FRONT ☐ MIDDLE ☐ REAR ☒

WING HOLDER
FRONT ☐ REAR ☒

RF
1° ☒ 0.5° ☐

RR
1° ☒ 0.5° ☐

LOWER ROLL CENTER
ECCENTRIC BUSHINGS

FRONT UPPER ROLL CENTER
1° ☒ 0.5° ☐

CASTER SHIM
0 ☐ 1.0 ☒ 1.0 ☐ 2.0 ☐

BUMP STEER SHIM
STEERING PLATE /mm
STEERING BLOCK /mm
SHIMS PLACE ALWAYS UNDER

WHEELBASE SHIM POSITION
0mm ☐ 2mm ☒ 4mm ☐
SHIMS BEHIND FRONT ARM

FRONT LOWER ROLL CENTER
ECCENTRIC BUSHINGS

REAR WING
COMPOSITE ☐
LEXAN ☒ OTHER ☐

FRONT MIDDLE REAR
FRONT ☐ MIDDLE ☐ REAR ☒

WING HOLDER
FRONT ☐ REAR ☒

RF
1° ☒ 0.5° ☐

RR
1° ☒ 0.5° ☐

LOWER ROLL CENTER
ECCENTRIC BUSHINGS

4 FRONT TOE OUT
#355215 ADJ. DRIVE AXLE

STEERING PLATE
1 DOT ☐ 2 DOT ☒

WHEELBASE
0mm ☐ 1mm ☒ 2mm ☐ 3mm ☐ 4mm ☐
SHIMS IN FRONT OF UPRIGHT

3 REAR TOE IN
#355215 ADJ. DRIVE AXLE

SERVO SAVER
TIGHT ☒
MEDIUM ☐
SOFT ☐

SIDE GUARD
SOFT ☐
MEDIUM ☐
GRAPHITE ☐

RADIO CASE
SOFT ☐ HARD ☒

REAR DRIVE SHAFT
CVD ☐
UNIVERSAL ☒
LENGHT /mm

FRONT DRIVE SHAFT
CVD ☐
UNIVERSAL ☒
LENGHT /mm

ACKERMANN POSITION
4 3 2 1

DIFF PLATE
COMP. ☐
GRAPHITE ☒

TOP DECK
COMPOSITE ☒
GRAPHITE ☐

DRIVE SHAFT
CVD ☒
DOGBONE ☐

GRAPHITE BRACE
YES ☐ NO ☒

DRIVE SHAFT
CVD ☒
DOGBONE ☐

FRONT CAMBER
LENGTH /mm

108 /mm
FULL TRAVEL SHOCKS LENGTH

124 /mm
REAR CAMBER

1
LENGTH /mm

UPPER ARM
SOFT ☐
MEDIUM ☒
GRAPHITE ☐

LOWER ARM
SOFT ☐
MEDIUM ☒
GRAPHITE ☐

RISE HEIGHT
23 /mm

RISE HEIGHT
27 /mm

RISE HEIGHT
#107717 GAUGE