SET-UP SHEET

XRAY XB8'23 SET-UP VER.01 ©XRAY

XRAY XB8'23 PIVOT BALL

RACE	European Championship
TRACK	Redovan Spain
NAME	Pelle Culmsee
DATE	

TEMPERATURE AIR	32	TEMPERATURE TRACK	
LAPS	FINAL POSITION	BEST LAPTIME	RACE LENGTH
	36	50.3 /sec	/min

TRACKS

SIZE	☒ OPEN	☐ MEDIUM	☐ TIGHT
TRACTION	☐ LOW	☐ MEDIUM	☒ HIGH
SURFACE	☒ SMOOTH	☐ MEDIUM	☐ BUMPY
TYPE	☒ HARD PACKED	☐ SOFT DIRT	☐ CLAY
	☒ BLUE GROVE	☐ ASTRO TURF	☐ GRASS
CONDITION	☒ DRY	☐ DUSTY	☐ WET	☐ MUD

DIFFERENTIAL

	FRONT	CENTER	REAR	
CASE MATERIAL	G	G	G	CASE MATERIAL
OIL	20K	30K	8K	OIL
CROWN GEAR				CROWN GEAR

GEARING

CLUTCH SHOE	3 ☒ ☐ 4
SPRINGS	2x Hard 1x medium
CLUTCH BELL	14 /T
SPUR GEAR	48 /T

SHOCKS

FRONT		REAR
Zero	TYPE	Rebound
5 Dot	SPRINGS	4 Dot
Soft	MEMBRANE	Soft
550 /cSt	OIL	550 /cSt

STANDARD PISTONS

☒ 6 HOLES	☐ 1.1 mm	6 HOLES ☒
☐ 8 HOLES	☒ 1.2 mm	8 HOLES ☐
☐ 10 HOLES	☒ 1.3 mm	10 HOLES ☐
●	☐ 1.4 mm	●
	OTHER	

VALVE PISTONS

5+2 HOLES	→	☐ 1.5 mm ☐	→	5+2 HOLES
6+2 HOLES	→	☐ 1.3 mm ☐	→	6+2 HOLES
		☐ 1.4 mm ☐		
8+2 HOLES	→	☐ 1.2 mm ☐	→	8+2 HOLES
		☐ 1.3 mm ☐		

ANTI-ROLL BAR

FRONT	THICKNESS	REAR
2.4 /mm		2.8 /mm

TIRES

FRONT		REAR
6MIK	BRAND	Scratch
Purple	COMPOUND	
6MIK	INSERTS	
6MIK	WHEELS	

ENGINE

TYPE	FX K303
MUFFLER	FX
MANIFOLD	FX
PLUG	FX 3
FUEL	Energy Fuel 25%

BODY

EAZY	EAZY LIGHT	OTHER
☐	☒	

TOTAL WEIGHT

/g

FRONT

STEERING BLOCK
- MEDIUM ☐
- HARD ☐
- GRAPHITE ☒

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

OFFSET
0 ☒ +1 ☐ +2 ☐

PIVOT NUT
- ALU ☒
- BRASS ☐

FRONT DROOP
MEASURE UNDER WHEEL AXLE — #107717 GAUGE

UPPER ARM SHIM /mm
0 ☐ 1 ☒ 1.5 ☐ 2 ☐

UPPER ARM WING
- NONE ☒
- LEXAN ☐
- CARBON ☐

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

UPPER SHOCK POSITION

FRONT LOWER SHOCK POSITION

LOWER ARM SHIM
☒ 0 ☐ 1mm ☐ 2mm

#107703 SUPPORT BLOCKS

REAR

ANTI-ROLL BAR

☐ M ☐ H ☐ XH ☒ G | ☒ FLAT | ☐ LSM

UPRIGHT
- MEDIUM ☐
- HARD ☐
- GRAPHITE ☒
- ALU ☐

1 2 3

UPRIGHT ROLL CENTER 1 2 3

REAR ROLL CENTER

LOWER ROLL CENTER 3 2 1

REAR DROOP
MEASURE UNDER WHEEL AXLE

#107717 GAUGE

OFFSET
0 ☐ +1 ☐ +2 ☒

FRONT / REAR

FRONT UPPER ROLL CENTER
1° ☒ 0.5° ☐
1° ☒ 0.5° ☐

INCREASE DONFORCE
YES ☐ WICKERBILL PLATE ☐ NO

Ø — REDUCE DONFORCE — CUT OUT HOLES

CASTER SHIM
☐ ☒ ☐ ☐
0 1.5 2.0
UPPER ARM POSITION

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

STEERING BLOCK — CENTER — TRAILING

FF — FR

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

WHEELBASE SHIM POSITION (REAR)
0mm ☐ 2mm ☐ 4mm ☒
SHIMS IN FRONT OF REAR ARM

FF
1° ☒ 0.5° ☐

FR
1° ☒ 0.5° ☐

← FRONT LOWER ROLL CENTER REAR →
ECCENTRIC BUSHINGS

REAR WING
- COMPOSITE ☐
- LEXAN ☒
- OTHER
- FRONT ☐ MIDDLE ☐ REAR ☐

GRAPHITE BRACE
- WITHOUT ☒
- 1-PIECE ☐
- 2-PIECES ☐

WING HOLDER
- FRONT ☐
- REAR ☐

RF
1° ☒ 0.5° ☐

RF
1° ☒ 0.5° ☐

RR
1° ☒ 0.5° ☐

FRONT TOE OUT
1 DOTS ☐ ☒ 2 DOTS

4 3 2 1

#355215 ADJ. DRIVE AXLE

STEERING PLATE
1 DOTS ☐ ☒ 2 DOTS

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

REAR TOE IN
#355215 ADJ. DRIVE AXLE

4 3 2 1

SERVO SAVER
- TIGHT ☒
- MEDIUM ☐
- SOFT ☐

SIDE GUARD
- SOFT ☐
- MEDIUM ☒
- GRAPHITE ☐

RADIO CASE
SOFT ☐ ☒ HARD

REAR DRIVE SHAFT
- CVD ☒
- UNIVERSAL ☐
- LENGTH 94 /mm

FRONT DRIVE SHAFT
- CVD ☒
- UNIVERSAL ☐
- LENGTH 94 /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
3

FULL TRAVEL SHOCKS LENGTH
100 /mm — 120 /mm

REAR CAMBER
3

LENGTH (front)
mm

LENGTH (rear)
/mm

UPPER ARM
- SOFT ☐
- MEDIUM ☐
- GRAPHITE ☒

LOWER ARM
- SOFT ☐
- MEDIUM ☐
- GRAPHITE ☒

FRONT DIFF HEIGHT
☐ ☐ ☒

REAR DIFF HEIGHT
☒ ☐ ☐

RIDE HEIGHT (front)
22 /mm

#107717 RIDE HEIGHT GAUGE

RIDE HEIGHT (rear)
26 /mm