R12FF SETUP SHEET

1/10 Electric FWD Touring Car

ARC

RACE: 2023 mid report
TRACK:
NAME: K
CITY:
DATE:

TEMPERATURE AIR: TRACK:

QUALIFYING	BEST LAP TIME (SEC)	FINAL	RACE LENGTH (MIN)

TRACK CONDITION: ☐ CARPET ☑ ASPHALT (☐ INDOOR ☑ OUTDOOR) ☐ BUMPY ☐ SMOOTH ☑ TECHNICAL ☑ MIXED ☐ FAST

TRACTION: ☑ LOW ☐ MEDIUM ☐ HIGH

TRANSMISSION

BELT — FRONT: ☑ STD ☐ SOFT

GEAR DIFF OIL: ☑ 1.000.000

NUMBER OF GEARS: ☐ 2 ☑ 4

MOTOR: Muchmore 17.5 ESC: Muchmore blinky

PINION: 64 DP 47 T SPUR GEAR: 64 DP 96 T

FINAL DRIVE RATIO: 4.3

SHOCK SET

☐ PDS FRONT ☐ PDS REAR

FRONT		REAR
350	OIL	350
Axon HLS C2.1	SPRING	Axon SLS C2.7
4 x 1.1	PISTON	4 x 1.1
%	REBOUND	%

ANTI-ROLL BAR

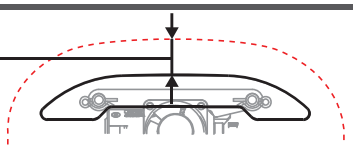
FRONT: 1.2 mm REAR: 1.2 mm

TIRES

TIRES: Sorex CO-28R
WHEELS: Ride RH-105
INSERTS: Schumacher Yellow
ADDITIVE:

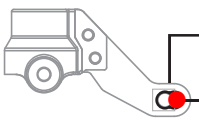
FL FR RL RR TREATED AREA

BODY MOUNT DISTANCE: mm



BODY: Bittydesign CA45 WING: Blitz 60225-1/ 157mm

STEER BLOCK SETUP



R128041

BUMP STEER SHIMS: 2 mm

NOTES

No ballast - 1150g overall weight
Zero Play Wheel Hexes (-0.75mm)
1mm R, 0.5mm F wheel spacers
ATS rear suspension
Graphite arms, TRF DCJ driveshafts
Width: F 187mm R 188mm
Upper deck - 2 screws F, 2 screws R

FRONT

CAMBER: 1 °

SHOCK CAP HOLE: ☑ OPEN ☐ CLOSED

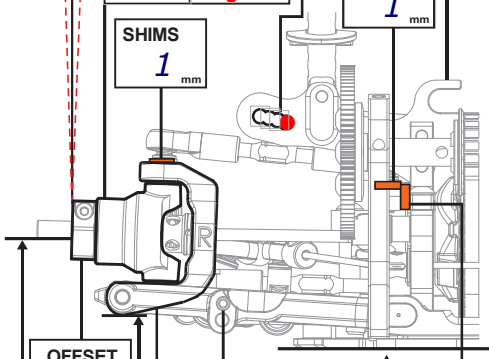
SHIMS UNDER SHOCK: 7.5 mm

FRONT TOWER: ☑ R128030 ☐ R128032

STEERING BLOCK: ☐ STD ☑ HARD

SHIMS: 1 mm

SHIMS: 1 mm



OFFSET: ☑ -0.75mm ☐ 0mm ☐ +0.75mm

SHIMS UNDER SHOCK: 1 mm

SHIMS: 2 mm

C-HUB: ☐ STD ☑ HARD

DOWNSTOP: 5.7 mm

RIDE HEIGHT: 5.2 mm 5.4 mm

REAR

REAR TOWER: ☑ R128033 ☐ R128034

SHOCK CAP HOLE: ☑ OPEN ☐ CLOSED

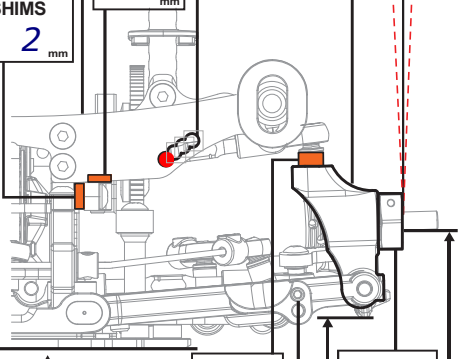
SHIMS UNDER SHOCK: 2 mm

CAMBER: 1 °

SHIMS: 2 mm

SHIMS: 1 mm

UPRIGHT: ☐ STD ☑ HARD



SHIMS: 1 mm

SHIMS UNDER SHOCK: 0 mm

OFFSET: ☐ -0.75mm ☐ 0mm ☑ +0.75mm

DOWNSTOP: 5.0 mm

FRONT ARM: ☐ SHORT ☑ LONG

ARM HARDNESS: ☑ HARD ☐ STD ☐ SOFT

FRONT SHOCK POSITION

ARM HARDNESS: ☑ HARD ☐ STD ☐ SOFT

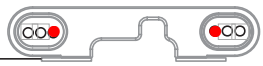
REAR SHOCK POSITION

SUSPENSION INSERT CHART

FF: ☐ 0 ☐ 0.5 ☑ 1.0 ☐ 1.5 ☐ 2.0 — ☑ Alu ☐ Brass — SHIMS 0 mm

RF: ☐ 0 ☐ 0.5 ☑ 1.0 ☐ 1.5 ☐ 2.0 — ☑ Alu ☐ Brass — SHIMS 0 mm

FR: ☐ 0 ☐ 0.5 ☑ 1.0 ☐ 1.5 ☐ 2.0 — ☑ Alu ☐ Brass — SHIMS 0 mm



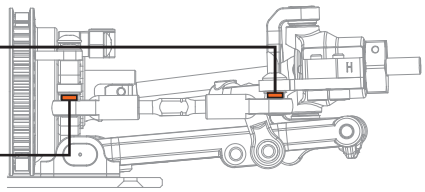
RR: ☐ 0 ☐ 0.5 ☐ 1.0 ☐ 1.5 ☑ 2.0 — ☑ Alu ☐ Brass — SHIMS 0 mm

ATS SETUP

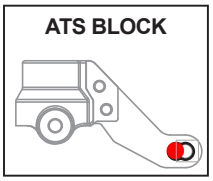
ACTIVE TOE: 1 ° ↓ 1.5 °

ATS OUTSIDE SHIMS: mm

ATS INSIDE SHIMS: mm



ATS BLOCK



TOE: OUT 0.5 ° IN °

BATTERY: STANDARD ☑ SHORTY WEIGHT 162 g

REAR ARM: ☐ STANDARD ☑ ATS SYSTEM

2 mm

0.3 mm

0 mm

2.3 mm

BALL END: ☐ STANDARD ☑ LOW FRICTION

FRONT LOW ARM: ☑ LONG ☐ SHORT

CHASSIS: ☐ ALUMINUM ☑ CARBON — 2.25 mm Ver std

FLEX PLATE: ☐ R128031 ☐ R128036

REAR BODY POST: ☐ STANDARD ☑ HORIZONTAL