R12FF SETUP SHEET

1/10 Electric FWD Touring Car

ARC

RACE	2021 August/September testing
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
450	OIL	450
2.5-2.8	SPRING	2.5-2.8
4 x 1.1	PISTON	4 x 1.1
%	REBOUND	%

ANTI-ROLL BAR

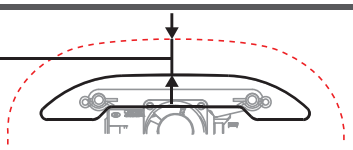
FRONT 1.2 mm REAR 1.2 mm

TIRES

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

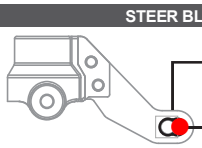
FL FR RL RR TREATED AREA

BODY MOUNT DISTANCE mm



BODY Bittydesign HC-F WING HC-F

STEER BLOCK SETUP



R128041

BUMP STEER SHIMS 2 mm

NOTES

70g under steering
30g behind battery/receiver
1250g overall weight

FRONT

CAMBER 1 °

SHOCK CAP HOLE: OPEN ☑ CLOSED ☐

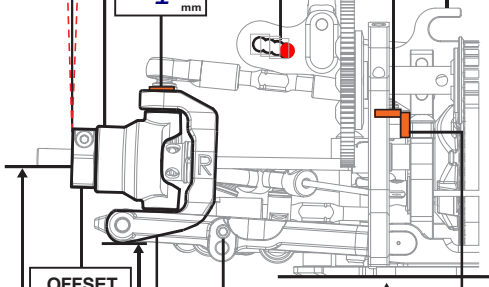
SHIMS UNDER SHOCK 7 mm

FRONT TOWER: R128030 ☑ R128032

STEERING BLOCK: STD ☐ HARD ☑

SHIMS 1 mm

SHIMS 2 mm



OFFSET: -0.75mm ☐ 0mm ☑ +0.75mm

SHIMS UNDER SHOCK 1 mm

SHIMS 2 mm

C-HUB: STD ☑ HARD ☐

DOWNSTOP 5.5 mm

RIDE HEIGHT 5.2 mm 5.4 mm

REAR

REAR TOWER: R128033 ☑ R128034

SHOCK CAP HOLE: OPEN ☑ CLOSED ☐

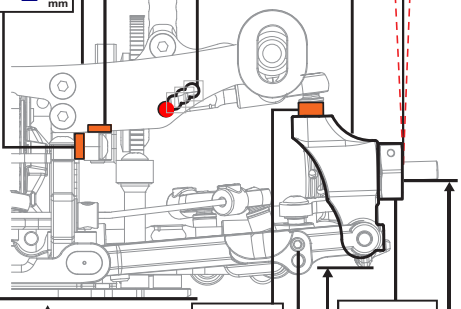
SHIMS UNDER SHOCK mm

CAMBER 1 °

SHIMS 2 mm

SHIMS 2 mm

UPRIGHT: STD ☐ HARD ☑



SHIMS 3 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 ☐

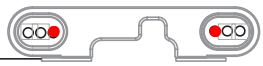
REAR SHOCK POSITION

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 0.5 mm

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



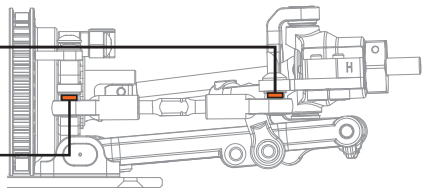
RR ☐ 0 ☑ 0.5 ☐ 1.0 ☐ 1.5 ☐ 2.0 — ☑ Alu ☐ Brass — SHIMS 0.5 mm

ATS SETUP

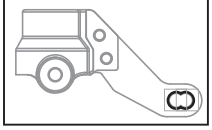
ACTIVE TOE °

ATS OUTSIDE SHIMS mm

ATS INSIDE SHIMS mm



ATS BLOCK



TOE OUT 0.5 ° IN °

BATTERY: STANDARD ☐ SHORTY ☑ WEIGHT 160 g

REAR ARM: STANDARD ☑ ATS SYSTEM ☐

2 mm

0.3 mm

0.3 mm

2 mm

BALL END: STANDARD ☑ LOW FRICTION ☐

FRONT LOW ARM: LONG ☑ SHORT ☐

CHASSIS: ALUMINUM ☐ CARBON ☑ 2.25 mm Ver 2021

FLEX PLATE: R128031 ☑ R128036 ☐

REAR BODY POST: STANDARD ☑ HORIZONTAL ☐

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