R12 SET-UP SHEET
1/10 Electric Touring Car

ARC ver 2020.05

RACE	Default Setup
TRACK	
NAME	
CITY / COUNTRY	
DATE	

TEMPERATURE	AIR	TRACK

QUALIFYING POSITION	BEST LAPTIME (SEC)	FINAL POSITION	RACE LENGTH (MIN)

TRACK CONDITION: ☐ CARPET ☐ ASPHALT ☐ TECHNICAL ☒ MIXED ☐ FAST

TRACTION: ☐ LOW ☒ MEDIUM ☐ HIGH

TRANSMISSION

BELT
- FRONT ☒ STD ☐ SOFT
- REAR ☒ STD ☐ SOFT

GEAR DIFF OIL: ☐ ☒ 3000 CST

NUMBER OF GEARS: ☐ 2 ☒ 4

PINION	T	SPUR GEAR	T
FINAL DRIVE RATIO			

SHOCK SET

☐ PDS FRONT ☐ PDS REAR

FRONT		REAR
500 CST	OIL	500 CST
ARC Green	SPRING	ARC Green
mm	HOLES / DIAMEER	mm
0 %	REBOUND	0 %

ANTI-ROLL BAR

FRONT 1.3 mm REAR 1.3 mm

	TIRES		
	ADDITIVE TIMING		
	ADDITIVE		

FL FR RL RR — TREATED AREA

BODY MOUNT DISTANCE: 10 mm

BODY S100 WING STANDARD

STEER BLOCK SHIMS

0 mm	0.5 mm	1.0 mm
1.0 mm	0.5 mm	0 mm

STEER BLOCK SETUP

☒ R118041 ☐

BUMP STEER SHIMS: 0 mm

NOTE

FRONT

CAMBER: ☐ ☒ 2.0°

SHOCK CAP HOLE: ☐ OPEN ☒ CLOSED

SHIMS UNDER SHOCK: 2 mm

FRONT TOWER: ☒ R128002 ☐ R128012

STEERING BLOCK: ☐ STD ☒ HARD

SHIMS: 0.5 mm

C-HUB: ☒ STD ☐ HARD

SHIMS: 0.5 mm

OFFSET: ☐ -0.75mm ☒ 0 mm ☐ +0.75mm

SHIMS UNDER SHOCK: 0 mm

☒ R103001 ☐ R102811 ☐ R113005

SHIMS: 2 mm

☐ mm ☒ 5.0 mm DOWNSTOP

5 mm RIDE HEIGHT

REAR

REAR TOWER: ☒ R128001 ☐ R128011

SHOCK CAP HOLE: ☐ OPEN ☒ CLOSED

SHIMS UNDER SHOCK: 2 mm

CAMBER: ☒ 2.0° ☐

UPRIGHT: ☐ STD ☒ HARD

SHIMS: 1 mm

SHIMS: 0.5 mm

SHIMS: 2 mm

☒ REAR CVD ☐ REAR DJ CVD

SHIMS UNDER SHOCK: 0 mm

OFFSET: ☐ -0.75mm ☒ 0 mm ☐ +0.75mm

5.5 mm RIDE HEIGHT

☒ 4.0 mm ☐ mm DOWNSTOP

FRONT ARM	ARM HARDNESS
☐ SHORT ☒ LONG	☐ HARD ☒ STD ☐ SOFT

FRONT SHOCK POSITION

REAR ARM	ARM HARDNESS
☐ SHORT ☒ LONG	☐ HARD ☒ STD ☐ SOFT

REAR SHOCK POSITION

SUSPENSION INSERT CHART

FF ☒ 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 0.5 mm

☐ Alu ☐ Brass

SHIMS mm

RF ☒ 0 ☐ 0.5 ☐ 1.0 ☐ 1.5 ☐ 2.0

☒ Alu ☐ Brass

SHIMS 0.8 mm

RR ☒ 0 ☐ 0.5 ☐ 1.0 ☐ 1.5 ☐ 2.0

☒ Alu ☐ Brass

SHIMS 0.8 mm

ATS SETUP

ACTIVE TOE: ° ↓ °

ATS OUTSIDE SHIMS: mm

ATS INSIDE SHIMS: mm

ATS BLOCK

TOE: OUT 1° IN °

FRONT UPPERDECK: ☒ R128005 ☐ R128016

REAR UPPERDECK: ☒ R128005 ☐ R128016

REAR ARM: ☒ STANDARD ☐ ATS SYSTEM

1.0 mm

1.3 mm

BATTERY WEIGHT: g

BATTERY MOUNT: ☒ TAPE ☐ R119016

1.3 mm

1 mm

DIFF HEIGHT: ☐ HIGH ☒ LOW

DIFF HEIGHT: ☐ HIGH ☒ LOW

BALL END: ☒ STANDARD ☐ LOW FRICTION

CHASSIS: ☐ ALUMINUM ☒ CARBON — 2.25 mm ver R12

R128009

REAR BODY POST: ☒ STANDARD ☐ HORIZONTAL