

SET-UP SHEET

XRAY X12

RACE	European Championships	
TRACK	Oulu	

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DATE	10/03/2013	
TEMPERATURE / °F or °C	AIR	TRACK

QUALIFYING POSITION	BEST LAPTIME / sec	FINAL POSITION	RACE LENGTH / minutes
3	11.2	3	8

TRACK CONDITION	☒ CARPET	☐ ASPHALT
	☐ TECHNICAL	☒ MIXED
	☐ FAST	
TRACTION		
	☒ LOW	☐ MEDIUM
	☐ HIGH	

CENTER SHOCK ABSORBER			
SPRING	Gold	OIL / cSt	550
		REBOUND%	25

SIDE LINKAGES	
OIL / cSt	6K

FRONT	TIRES	REAR
Matrix 30		Matrix 25
39.2	DIAMETER/mm	41.2
AME	ADDITIVE	AME
10	ADDITIVE timing	20

FRONT LEFT	FRONT RIGHT	ADDITIVE TREATED AREA	REAR LEFT	REAR RIGHT

TRANSMISSION	
DIFF SETTING	
☐ LOOSE	☐ MEDIUM
☐ TIGHT	☒

PINION / T	27	SPUR GEAR/T	96
FINAL DRIVE RATIO	3.55555555555556	ROLLOUT	36.38475

MOTOR	
BRAND	ORCA RX
TURN	4.0T
ROTOR	12.5
TIMING	0

ESC	ORCA VX	
ESC SETTING	PROGRAM	PUNCH
	INITIAL BRAKE	AUTO BRAKE
	off	3%
BATTERIES	ORCA INFINITE 6500 80C	
BODY	Protoform TR-12	

FRONT	SHOCK ABSORBER	POD PLANE
SHIMS 4.5 / mm	SHIMS 2 / mm	UNLOADED LOADED
3.3	RIDE HEIGHT / mm	3.5
MID RIDE HEIGHT / mm	3.7	RIDE HEIGHT / mm

FRONT	REAR
CASTER 2mm ☒ 1mm ☐ 0.5mm ☐ 0mm ☐	RIDE HEIGHT 5% 0 0.5 1 1.5 2 2.5
REACTIVE CASTER ☐ ☒ ☐	SIDE SPRING SM .018
RIDE HEIGHT SHIMS / mm	

FRONT	FRONT	REAR
SHIMS 2.5 / mm	SHIMS / mm	SHIMS / mm
SHIMS / mm	SHIMS / mm	SHIMS / mm
SHIMS / mm	SHIMS / mm	SHIMS / mm
SPRINGS ☐ GOLD C=3.5 ☐ SILVER C=4.0 ☐ BLACK C=5.0 ☐ GREY C=6.0	SPRINGS ☐ GOLD C=3.5 ☐ SILVER C=4.0 ☐ BLACK C=5.0 ☐ GREY C=6.0	SPRINGS ☐ GOLD C=3.5 ☐ SILVER C=4.0 ☐ BLACK C=5.0 ☐ GREY C=6.0
OTHER AE .022	OTHER AE .022	OTHER AE .022
TOE / degr. OUT 0 IN	SERVO POSITION RIGHT ☒ LEFT ☐	ACKERMANN SHIMS 1 / mm
BRACE GRAPHITE ☐ ALU ☐ OTHER	FRONT WIDTH SHIM / mm	LINKAGE POSITION 2 0 0 2 1 0 0 1
CHASSIS STANDARD ☒ OTHER	REAR WIDTH SHIM 3.5 / mm	CHASSIS STANDARD ☒ OTHER

TOE / degr. OUT 0 IN	SERVO POSITION RIGHT ☒ LEFT ☐	ACKERMANN SHIMS 1 / mm
BRACE GRAPHITE ☐ ALU ☐ OTHER	FRONT WIDTH SHIM / mm	LINKAGE POSITION 2 0 0 2 1 0 0 1
CHASSIS STANDARD ☒ OTHER	REAR WIDTH SHIM 3.5 / mm	CHASSIS STANDARD ☒ OTHER

COMMENTS
1mm droop in rear pod
Front upper arms shimmed out 1.5mm
1 hole glued in shock piston
Linear side springs
6K front kingpin lube