Schumacher Mi7 and Mi7 Pro

Setup: Irocc Asphalt Pivotball Suspension Stock · Mike Simister (Klinik Rc) · Aug 5, 2024

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TRACK	
Track	Irocc Asphalt
Type	Outdoor asphalt
Grip / moisture	High
Surface / layout	Medium / Medium

FRONT SUSPENSION

Anti-roll bar	1.2mm 2 dot
Camber	-2 degrees
Droop	22.2 mm
FF mount	None
FF mount inserts	0
FF mount spacers	1 mm
FR mount	None
FR mount inserts	0
FR mount spacers	1 mm
Hub carriers	Aluminum
Lower arms	Pivotball (U#8162)
Ride height	5 mm
SHOCKS	
Arm mount spacers	0.5 mm
Tower mount spacers	2.0 mm
Tower mounting hole	3 - Outside
Steering blocks	Aluminum
STEERING LINK	
Inner stud spacers	0 mm
Outer stud spacers	0 mm
Steering rack spacers	1 mm
Toe	+1 degrees
Tower	Pivotball (U#8164)
TRACK	
Axle shims	0 mm
Wheel hexes	Medium
Upper arm mounts / stud location	Kit
UPPER ARM	
Inner stud spacers - front	1.0 mm
Inner stud spacers - rear	1.0 mm
Outer stud spacers	2.0 mm
Wheelbase: arm spacers	0

NOTES Pivotball suspension
New shock tower 4 hole options
Inside wheel lock 24 degrees
Outside 17-18 degrees
Aeromax droop gauge

REAR SUSPENSION

Anti-roll bar	1.2mm 2 dot
Arms	Pivotball (U#8163)
Camber	-2 degrees
Droop	21.2 mm
Hubs	Aluminum
RF mount	None
RF mount inserts	0
RF mount spacers	2.0 mm
Ride height	5.2 mm
RR mount	None
RR mount inserts	0
RR mount spacers	2.0 mm
SHOCKS	
Arm mount spacers	0.5 mm
Tower mount spacers	2.0 mm
Tower mounting hole	3 - Outside
Toe	+4 degrees
TOE LINK	
Inner stud spacers	1.5 mm
Outer stud spacers	0 mm
Tower	Pivotball (U#8165)
TRACK	
Axle shims	0 mm
Wheel hexes	Narrow
Upper arm mounts / stud location	1 dot - rear hole
UPPER ARM	
Inner stud spacers - front	1.0 mm
Inner stud spacers - rear	1.0 mm
Outer stud spacers	1.5 mm
Wheelbase: arm spacers	0

NOTES New rear shock tower 4 hole options
Motor screws front and back only

TIRES

	FRONT	REAR
Tire additive	FX 2	FX 2
Tire brand / type	Contact RC	Contact RC
Tire compound	A34	A34
Wheel brand / type	Schumacher	Schumacher

NOTES 15 min @ 55 degrees Celsius in tire warmers

SHOCKS

	FRONT	REAR
Cap type	Sealed	Sealed
Oil weight	350 cst	350 cst
Peripheral dampening	No	No
Pistons	4 x 1.1mm drilled	4 x 1.1mm drilled
Rebound	0 %	0 %
Springs	Green 2.3	Red 2.1
Stroke	11.75 mm	11.75 mm
Shock oil brand	CORE	

NOTES 11.5 mm stroke

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	12,000 cst
Diff fluid brand	Core	

NOTES 1.6g diff oil

DRIVETRAIN

Axles - rear	Kit
Belt - front	Bando 171T x 3mm
Belt - rear	Bando 67T x 4mm
Drive ratio - final	3.64
Drive ratio - internal	1.818
Driveshafts - front	Double Joint Driveshaft v2
Driveshafts - rear	CVD
Gear pitch	64
Pinion	50 teeth
Spur	100 teeth

BODY & CHASSIS

Battery position	Standard
Body	Montech
Bumper brace	Kit
Chassis	Carbon fiber Mid motor
Chassis stiffness settings	Front and back screws in motor mount
Motor position	Mid
Screws & turnbuckles	Klinik RC Titanium
Upper deck	Anti-lozenge
Weight balance (F/R)	49 / 51
Weight: total	1323 g
Weights	10g

NOTES Wing height 114 mm
Front 8mm
Sides 8mm

ELECTRONICS

Battery brand	**LRP**
Battery C rating	**135**
Battery capacity	**6100 mAh**
Battery model	**Graphene 4**
ESC brand	**LRP**
ESC model	**Flow X TC 4.3**
ESC settings	**1,3,2,1,0,0,0,0,1**
Motor brand	**LRP**
Motor model	**X22**
Motor timing	**42 degrees**
Motor wind	**21.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA throttle	**100 %**
Radio model	**M17**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**482**
Steering servo brand	**PowerHD**
Steering servo model	**S15**

NOTES 35 amp charge