Driver	John Sims
Date	24.10.2010

ROBITRONIC POWER FOR WINNERS

SET-UP SHEET V2

AVID

Track

Location	Halloween Classic, The Gate, Cleveland, Ohio		
Condition	Asphalt	Carpet ✓	Other:
Size	Technical	Mixed ✓	Fast
Traction	Low	Medium	High ✓
Temperature	Air:	Track:	

Adjustments

	Front	Rear
Camber (°)	-1.75°	-1.25°
Caster (°)	2 / 3 / 4 ✓ / 5 / Other:	
Toe (°)	-0.5°	3°
Ride height (mm)	5.5mm	5.5mm
Suspension mount (°)	FF: 2 / FR: 2	RF: 0 / RR: 3
Rollcenter (mm) FF	0 / 0.5 ✓ / 2.5 / Other:	0 / 0.5 ✓ / 2.5 / Other:
Rollcenter (mm) FR	0 / 0.5 ✓ / 2.5 / Other:	0 / 0.5 ✓ / 2.5 / Other:
Wheelbase (mm)	+2 / +1 / 0 ✓ / -1 / -2 / Other:	+2 / +1 / 0 ✓ / -1 / -2 / Other:
Droop (mm)	3mm	3mm
Transmission	Oneway / Spool ✓ / Diff	
Anti-Roll Bar	None ✓ / mm / Color:	None ✓ / mm / Color:

Shocks

	Front	Rear
Spring	X-Ray 2.4	X-Ray 2.2
Preload (mm)	0mm	50%
Oil	Sweep 400cst	Sweep 350cst
Piston	2 holes / 3 holes ✓ / Other:	2 holes / 3 holes ✓ / Other:

Shock Position

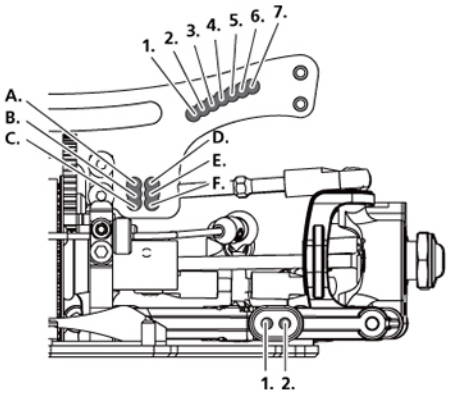
	Front	Rear
Arm	1 / 2 ✓	1 / 2 ✓ / 3
Tower	1 / 2 / 3 / 4 ✓ / 5 / 6 / 7	1 / 2 / 3 / 4 / 5 ✓ / 6 / 7

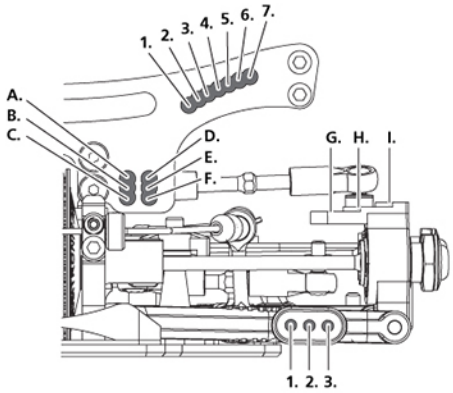
Upper Suspension

	Front	Rear
Washer Inboard (mm)	2mm	2mm
Hole Suspension Plate	A / B ✓ / C / D / E / F	A / B ✓ / C / D / E / F
Washer Rear Hub (mm)		2mm
Hole Rear Hub		G / H ✓ / I

Comments

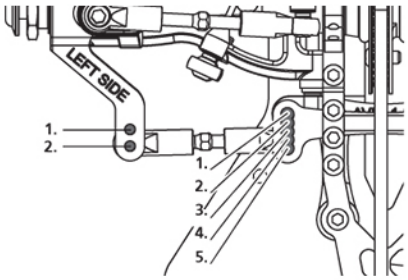
Drilled breather hole in shock caps. Schumacher MI4 bladder in shock.





Steering

Ball End - Position Steering Plate	1	2	3	4 ✓	5	+2mm washers
Position Knuckle Arms	1 ✓	2				
Washer under Ball End Knucke (mm)	2mm					



Tires

Tire	Sweep OTS32
Insert	Meduim
Rim	EXP
Additive	Jack the gripper full 15 min

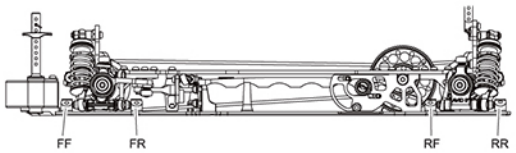
Chassis

Low Desk	2.5mm ✓	3.0mm
Top Desk	2.0mm ✓	2.5mm

Motor & Battery

Motor	Fullthrottle Duo2 17.5	Pinion	50
Timing	Cranked all the way	Spur	108
Brush		Ratio	3.82
Battery	Intellect 5000mah 40c	Pitch	48DP / 64DP ✓

Transmission (IR:1.77)



Body & Wing

Body	Protoform Mazda 6
Wing	

Comments

Arn0 (@)PetitRC.com

ESC: Tekin RS with 212 spec setting

Screws for top deck rear did not use space behind spur gear.
Screws for top deck front did not use space in front of steering post. Screws into steering post was not tightened all the way.
Tires glued outside edge of front tires.

Car was very easy to drive great corner speed very predictable.