Driver and Event

Name	Matt Benfield
Date	Febuary 2010
Event	BRCA Winter Open Champ
Weather	Dry (Indoor)
Result	

Track Conditions

Grip Level	Low to medium
Surface	Rubber floor
Track Condition	
Temperature	

Electrics

E.S.C	Speed Passion Pro GT2.0
Servo	Spektrum H6040
Reciever	KO Propo KR-302F
Type of Cells	LRP 5300 40C LiPo
Motor	SP Competition 3.0 5.5R
Spur	21
Pinion	83
Internal Ratio	23/33

Wheels-Tyres-Inserts

Front Wheels	
Front Inserts	Firm
Front Tyres	Schu Yellow Minipins
Rear Wheels	
Rear Inserts	Soft
Rear Tyres	Schu Yellow Minipins

Transmission

Rear Diff Height	Low
Front Diff Height	Low
Front Layshaft Pulley	Oneway
Front Drive	Diff
Front Overdrive	

Notes

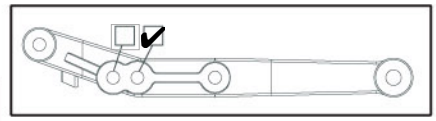
Front tyres with a row off inside and outside
Front hub carrier trimmed down level

Rear Suspension

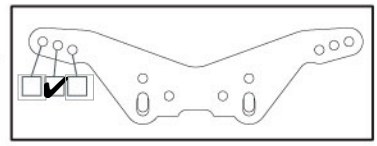
CATSx

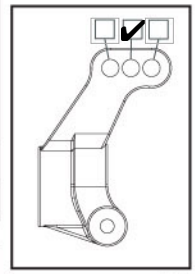
Arn0@petitrc.com

Wheelbase	Short ☐	Medium ☐	Long ☐	
Roll Bar	No ☑	1.2 ☐	1.4 ☐	1.6 ☐

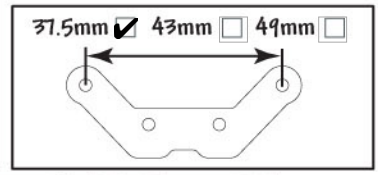


Equal Washers = 0° Toe-in
0.50 Difference = 0.65° Toe-in
1.00 Difference = 1.30° Toe-in
1.50 Difference = 1.95° Toe-in
2.00 Difference = 2.60° Toe-in
2.50 Difference = 3.25° Toe-in
3.00 Difference = 3.90° Toe-in



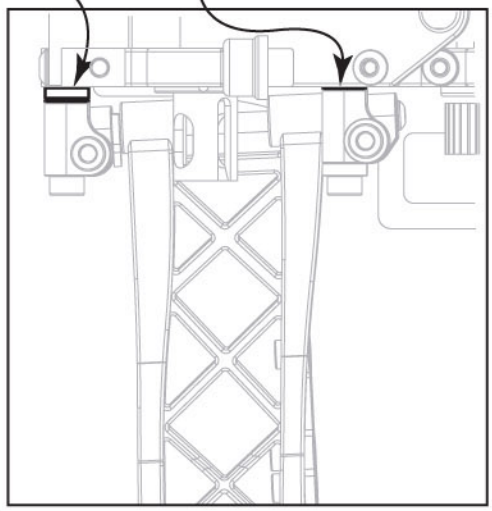


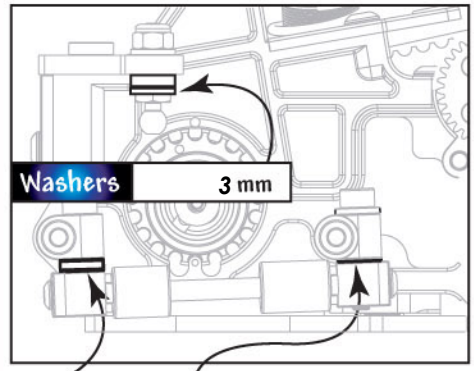
37.5mm ☑ 43mm ☐ 49mm ☐



Toe-in / Rear Track Washers

Rear	mm	Front	mm	Actual 3.25°





Washers 3 mm



Rear	mm	Front	mm	Actual 1.3°

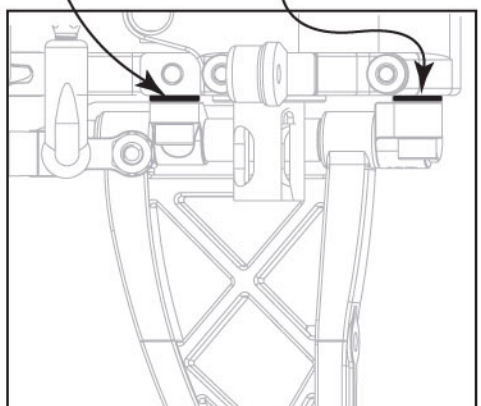
Anti-Squat Washers

Note: The Anti-Squat Angle is worked out using the Toe-In Chart Above, as the washers produce the same angles.

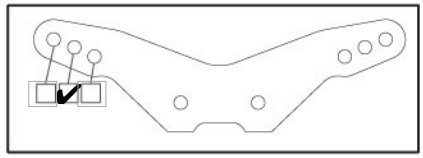
Front Suspension

Front Track Washers

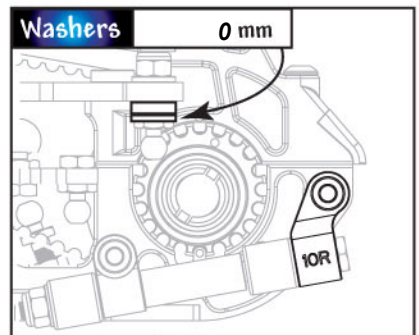
Rear	1 mm	Front	1 mm



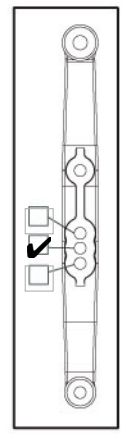
Roll Bar	No ☑	1.2 ☐	1.4 ☐	1.6 ☐



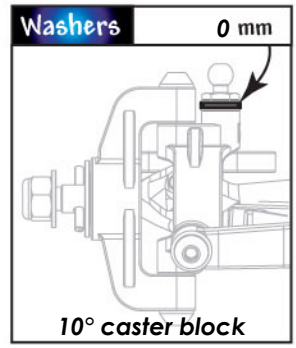
Washers 0 mm



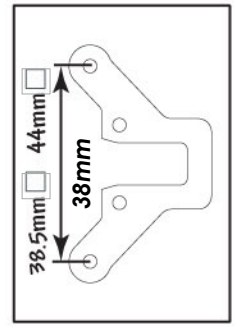
Front Rake 10 Deg ☑ 7.5 Deg ☐



Washers 0 mm



10° caster block



Rear Shocks

Drilled #54

Oil	35wt	Piston	2 hole ☐ 3 hole ☑
Springs	Schumacher Red (old)		
Diaphragm Spec	centre cut out and removed		

Shock Length mm



Front Shocks

Drilled #55

Oil	40wt	Piston	2 hole ☐ 3 hole ☑
Springs	Schumacher Grey (old)		
Diaphragm Spec	centre cut out and removed		

Shock Length mm

