

Driver and Event

Name **Simon Moss**

Date **07.11.2009**

Event

Weather **Indoor**

Result **1st**

Track Conditions

Grip Level **Low**

Surface **Polished floor**

Track Condition **Slippery**

Temperature

Electrics

E.S.C

Servo

Receiver

Type of Cells

Motor **Speed Passion 5.5**

Spur **81**

Pinion **22**

Internal Ratio **33**

Wheels - Tyres - Inserts

Front Wheels

Front Inserts **Green**

Front Tyres **Yellow Mini Pin**

Rear Wheels

Rear Inserts **Schey Tubby Green**

Rear Tyres **Yellow Mini Pin**

Transmission

Rear Diff Height **Low**

Front Diff Height **Low**

Front Layshaft Pulley **Pin through**

Front Drive **One way**

Front Overdrive



Notes

Alloy 7.5 degree front Yokes.

Rear Link Bracket - 38.5mm

Anti-Squat - rear hole 4mm higher on rear gearbox housing than standard

Issue 2 More setups on Petitrc.com

Rear Suspension

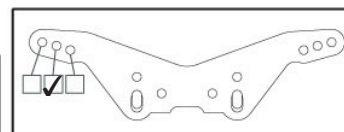
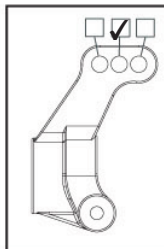
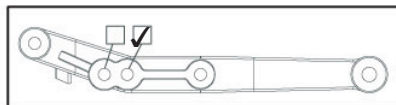
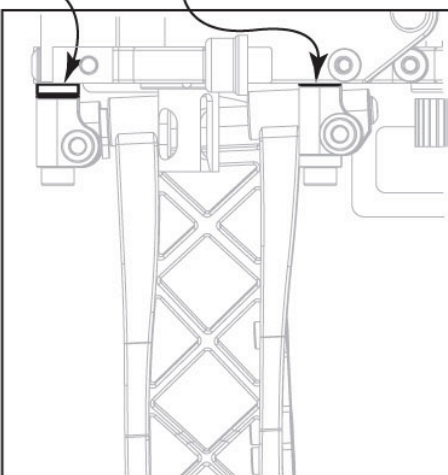
Wheelbase **Short** ☒ Medium ☐ Long ☐

Roll Bar **No** ☒ 1.2 ☐ 1.4 ☐ 1.6 ☐

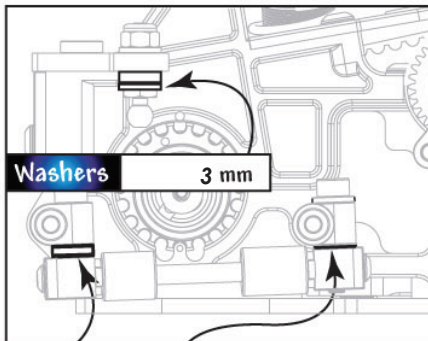
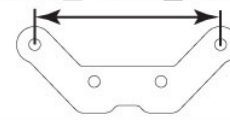
Equal Washers = 0° Toe-in
 0.50 Difference = 0.65° Toe-in
 1.00 Difference = 1.30° Toe-in
 1.50 Difference = 1.95° Toe-in
 2.00 Difference = 2.60° Toe-in
 2.50 Difference = 3.25° Toe-in
 3.00 Difference = 3.90° Toe-in

Toe-in / Rear Track Washers

Rear **3 mm** Front **0.5 mm** Actual **3.25°**



37.5mm ☐ 43mm ☐ 49mm ☐



Rear **0 mm** Front **3.5 mm** Actual **0**

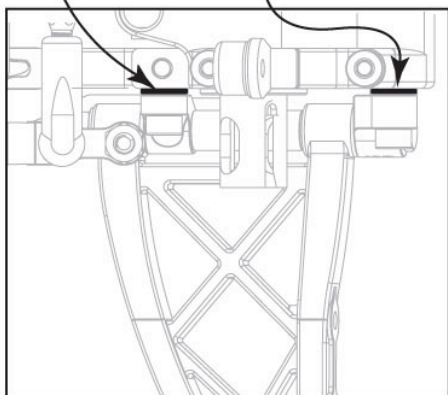
Anti-Squat Washers

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

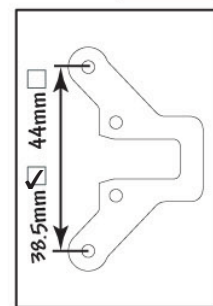
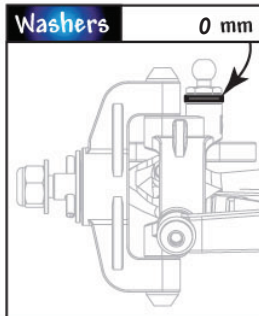
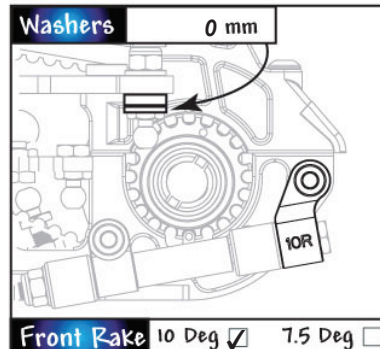
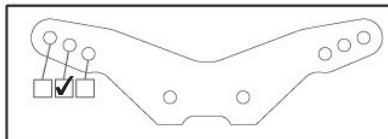
Front Suspension

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 ☐

Rear Shocks

Drill 55s

Oil **30 wt** Piston **2 hole** ☒ 3 hole ☐

Springs **Schumacher Old Red**

Diaphragm Spec **Centre cut out and removed**



Front Shocks

Drill 55s

Oil **35 wt** Piston **2 hole** ☐ 3 hole ☒

Springs **Silver Losi**

Diaphragm Spec **Centre cut out and removed**

