



# "Scythe" 1/10 Scale EP Touring Car

Fastest Lap          sec

Name David Allen

Date 18/1/09

Humidity          %

Air Temp.          °C

Track Jarrow Carpet

Track Condition

bad 1 2 3 4 5 good

Track Temp.          °C

### Front Suspension

1  2  3   
 2 mm  
 0 mm 0 mm  
 F 0 1  2 2.5 3  
 R  1 1.5 2 2.5 3

Camber Angle -1 °  
 Castor 4 °  
 Ride Height 5 mm  
 Droop 5 mm  
 Front Drive Diff One-way   
 Stabilizer 1.0  1.4 1.6 1.8 mm  
 Toe Angle 0 °  
 Notes Droop on gauge

### Shocks

	Front	Rear
Piston	Hole Size <u>1.2</u> mm	Hole Size <u>1.2</u> mm
Holes	<u>1</u> <u>2</u> <input checked="" type="checkbox"/>	<u>1</u> <u>2</u> <input checked="" type="checkbox"/>
Oil	<u>#600</u>	<u>#450</u>
Spring	<u>1.5 x 6.00</u>	<u>1.5 x 6.50</u>
Diaphragm	<u>Kit</u>	<u>Kit</u>
O-Ring	<u>None</u>	<u>None</u>
Form		
Other	<u>Rayspeed RS-14 pistons</u>	

### Rear Suspension

1  2  3  4   
 2 mm  
 0 mm 0 mm  
 F  1 1.5 2 2.5 3  
 R 0 1 1.5 2 2.5

Camber Angle -1 °  
 Castor n/a  
 Ride Height 5.5 mm  
 Droop 7 mm  
 Stabilizer  1.2 1.4 1.6 1.8 mm  
 Upright Spacer F 3 R 0 mm  
 Notes Droop on gauge

### Tires

	Front	Rear
Brand	<u>Sweep 32 Pre-mount</u>	
Insert		
Wheel		
Additive	<u>V-Made Red</u>	
Spread Area		

### Steering

Ex.Front  
 Rear  
 Mid  
 Front  
 Ex.Rear

0 mm  
 0 mm  
 2

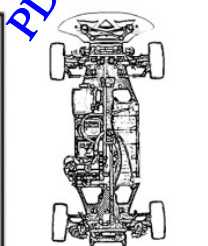
### Power Source

Motor MM Eavan Gear Ratio 78  
 Turns 19x1  
 Brushes Std  
 Spring Std  
 Timing Fixed  
 Car Weight 1505 g

Spur (S) 78  
 Pinion (P) 27  
 $\frac{S}{P} = \frac{78}{27} = 2.888$   
 $\frac{1.940}{2.888} = 0.672$   
 Final Drive 6.35

### Electronic

Transmitter Futaba 3VC  
 Receiver Futaba R133F  
 ESC Keyence Rapida Pro  
 Servo Futaba S9550  
 Servo Position  Rear  Front



### C-Hub

Body PF MazdaSpeed 6  
 Wing Std cut to BRCA rules

### Features

Chassis  2.0 mm  2.5 mm  3.0 mm  U.S.Spec.  X-Staff  
 Upper Plate  2.0 mm  2.5 mm  Split Plate          mm  
 Damper Stay  3.0 mm  U.S.Spec.  Low Profile  
 Ackermann  2.0 mm  U.S. Spec.  
 Motor Pod Base  Plastic  Aluminium  
 Motor Pod RH  Plastic  Aluminium  
 Bulk Heads  Plastic  Aluminium  
 Bulk Head Cover  Plastic  Aluminium  
 Differential  Original  Aluminium Hop-Up  Other           
 Spool  Delrin  Aluminium  Steel  
 Bearings  Original  Ceramic

Belts  Original  Low Friction Stock  
 Motor Plate  Original  Optional  Vers. 2  
 Bones  Steel  Aluminium  
 Vers.2 Steel  Vers.2 Aluminium  
 Axle  Original  Vers.2  
 Pulley Gear  Original  Modified  
 Suspension Arm  High Traction  Graphit  
 Bumper  EVA  EVA Lightweight  
 Other Features 30g lead in front of motor mount, 25g lead behind motor mount