

RACE		BIWS Rd4															
TRACK		Don Valley															
NAME		Ali Graham															
CITY / COUNTRY		Sheffield		UK													
CONTACT																	
DATE		17/02/2008		TEMPERATURE / °F or °C	AIR	TRACK											
QUALIFYING POSITION		BEST LAPTIME / sec		FINAL POSITION		RACE LENGTH / minutes											
3				4		5											
TRACK CONDITION				☒ CARPET		☐ ASPHALT											
☐ TECHNICAL				☒ MIXED		☐ FAST											
TRACTION				☒ LOW		☐ MEDIUM		☐ HIGH									
FRONT				REAR													
TRANSMISSION																	
FRONT PULLEY				34T				REAR PULLEY									
				DIFF.													
☐ LOOSE				☐ MEDIUM		☐ TIGHT		☐ LOOSE		☒ MEDIUM		☐ TIGHT					
ONE WAY DIFFERENTIAL				☐ YES		MIDDLE ONE WAY PULLEY											
SOLID ONE WAY DIFF.				☐ YES													
SOLID AXLE				☒ YES													
PINION / T						SPUR GEAR / T											
FINAL DRIVE RATIO						ROLLOUT											
FRONT				REAR													
☐ ALU				☒ PLASTIC		SHOCKS		☐ ALU				☒ PLASTIC					
XRAY SPRINGS																	
#308393		Super Soft		☐ YELLOW		☐		(D=1.4)		14 lb							
#308384				☐ BLUE-GREEN		☐		(D=1.5)		15 lb							
#308394		Soft		☐ WHITE		☐		(D=1.5)		17.5 lb							
#308385				☐ LIGHT-BLUE		☐		(D=1.6)		20 lb							
#308395		Soft Medium		☐ BLUE		☐		(D=1.6)		22.5 lb							
#308386				☐ DARK-BLUE		☐		(D=1.7)		25 lb							
#308396		Medium		☐ VIOLET		☐		(D=1.7)		28 lb							
#308387				☐ LIGHT-PURPLE		☐		(D=1.8)		30 lb							
#308397		Medium Hard		☐ PURPLE		☐		(D=1.8)		33 lb							
#308388				☐ LIGHT-RED		☐		(D=1.9)		35 lb							
#308398		Hard		☐ RED		☐		(D=1.9)		38 lb							
#308373				☐ C 2.2		☐											
#308374				☐ C 2.4		☐											
#308375				☐ C 2.6		☒											
#308376				☒ C 2.8		☐											
#308377				☐ C 3.0		☐											
#308378				☐ C 3.2		☐											
#308379				☐ C 3.4		☐											
				OTHER SPRING													
350				OIL / CST				350									
10mm shaft				LENGTH / mm				10mm shaft									
				PRELOAD / mm													
3mm				REBOUND %				3mm									
☐ YES		☒ NO		FOAM INSERTS		☐ YES		☒ NO									
☐ YES		☒ NO		O-RING ON SHAFT		☐ YES		☒ NO									
☐ OPENED				HOLES IN PISTON				☐ CLOSED									
1.4		THICKNESS / mm		ANTI-ROLL BAR				THICKNESS / mm		1.2							
VTEC 27				TIRES				VTEC 27									
				DIAMETER / mm													
				INSERTS													
				ADDITIVE													
FRONT LEFT				FRONT RIGHT				TREATED AREA		REAR LEFT				REAR RIGHT			
				WHEELS													
S ☐		M ☐		H ☐		HARDNESS				S ☐		M ☐		H ☐			
MOTOR		Nosram		ARMATURE		3.5T 13mm											
		+		SPRING		-											
		+		BRUSH COMP.		-											
ESC		Nosram ISTC		BATTERIES		Orion SHO EU											
BRUSHLESS		PROGRAM 2		PUNCH 3		INITIAL BRAKE 0		AUTO BRAKE 1									
BODY		PF Mazdaspeed		WING		Std											
● ☒ - APPLIED S - SOFT M - MEDIUM H - HARD																	

FRONT

CASTER
☐ 0° ☐ 2° ☐ 4° ☒ 6°

SQUAT **ROLL-CENTER**

DIVE **ROLL-CENTER**
☐ +0.75 ☒ 0.00 ☐ -0.75

SHIM
☐ +0.75 ☒ 0.00 ☐ -0.75

☐ 0 ☒ 1 ☐ 1

WHEELBASE /mm

☒ 2 ☐ 1 ☐ 0

5 **RIDE HEIGHT** /mm

RIDE HEIGHT /mm **5**

REAR

C-HUB
☒ M ☐ H ☐ ALU

SHIM
☐ 1 /mm

STEERING BLOCK
☒ M ☐ H ☐ ALU

UPPER SHOCK POSITION
☒ LONG ☐ SHORT

OFFSET
☒ STANDARD ☐

QUICK ROLL CENTER POSITION
☐ LONG ☒ SHORT

☐ 8 ☐ 7 ☐ 6 ☐ 5 ☐ 4 ☐ 3 ☐ 2 ☐ 1 ☐ 0 ☐ -1 ☐ -2

DOWNSTOP /mm

☐ -2 ☐ -1 ☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10

FRONT

6

5

REAR

FRONT

OUT ☐ 0.5 **IN**

TOE /deg.
☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

SHIM UNDER SHOCK
SHIM 1.5 /mm

SHIM FRONT
SHIM 1.5 /mm

SHIM REAR
SHIM 1.5 /mm

OUTER ACKERMANN POSITION
☐ 1 ☐ 2

☐ 1 ☐ 2

SERVO SAVER

REAR

FINAL TOE IN ☐ 3 **OUTBOARD TOE** ☐ 0

INBOARD TOE
SHIM /mm

ANTI ROLL-BAR
SHIM UNDER SHOCK
SHIM /mm

SHIM FRONT/REAR
☐ 1.5 mm ☒ NO shim ☐ OTHER

☐ 22.5 ☒ 19 ☐ 15 ☐ 11.5 ☐ 7.5 ☐ 4

SHIM /mm

☐ 3° ☐ 2.5° ☐ 2° ☐ 1.5° ☐ 1° ☐ 0.5° ☐ 0°

INBOARD SHIMS ARE USED IN ADDITION TO TRACK-WIDTH SHIMS

FRONT

1.5

CAMBER /deg.
☐ + ☐ -

1.5

FRONT ARM
☒ HARD (H) ☐ EXTRA-HARD (XH)

REAR ARM
☒ HARD (H) ☐ EXTRA-HARD (XH)

REAR

1.5

CAMBER /deg.
☐ - ☐ +

1.5

FRONT ARM
☒ HARD (H) ☐ EXTRA-HARD (XH)

REAR ARM
☒ HARD (H) ☐ EXTRA-HARD (XH)

FRONT

BALANCE /g

TOP DECK MULTI-FLEX SETTING
US TOP DECK

ECCENTER mm
☒ STANDARD ☐ 1

DIFF. POSITION
☒ UP ☐ DOWN

BALANCE /g

EU TOP DECK

REAR

BALANCE /g

TOP DECK MULTI-FLEX SETTING
US TOP DECK

ECCENTER mm
☒ STANDARD ☐ 1

DIFF. POSITION
☒ UP ☐ DOWN

BALANCE /g

EU TOP DECK

FRONT

CHASSIS MULTI-FLEX SETTING
CHASSIS

CENTRAL ALU STAND

FRONT ALU STANDS (US)

REAR ALU STANDS (US)

☐ BRACE (EU)

REAR

CHASSIS MULTI-FLEX SETTING
CHASSIS

CENTRAL ALU STAND

FRONT ALU STANDS (US)

REAR ALU STANDS (US)

☐ BRACE (EU)