

RACE	Snowbird Nationals Rubber Tire																		
TRACK	Snowbirds																		
NAME	Steve Weiss																		
CITY / COUNTRY	Costa Mesa			USA															
CONTACT																			
DATE	03/02/2008		TEMPERATURE / °F or °C	AIR	TRACK														
QUALIFYING POSITION	8		BEST LAPTIME / sec	11.3		FINAL POSITION	7		RACE LENGTH / minutes	5									
TRACK CONDITION			☒ TECHNICAL			☒ CARPET			☐ ASPHALT										
			☐ MIXED			☐ FAST													
TRACTION			☐ LOW			☐ MEDIUM			☒ HIGH										
FRONT						REAR													
TRANSMISSION																			
FRONT PULLEY				38T				REAR PULLEY											
				DIFF.															
LOOSE				MEDIUM		TIGHT		LOOSE				MEDIUM		TIGHT					
ONE WAY DIFFERENTIAL				☐ YES		MIDDLE ONE WAY PULLEY													
SOLID ONE WAY DIFF.				☐ YES								FIXED		☒		ONE-WAY		☐	
SOLID AXLE				☒ YES															
PINION / T						SPUR GEAR / T													
FINAL DRIVE RATIO						ROLLOUT													
FRONT						REAR													
☐ ALU ☒ PLASTIC						☐ ALU ☒ PLASTIC													
SHOCKS																			
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		☐														
HPI Gold				OTHER SPRING				HPI Silver											
				OIL / CST															
				LENGTH / mm															
				PRELOAD / mm															
50				REBOUND %				50											
☒ YES ☐ NO				FOAM INSERTS				☒ YES ☐ NO											
☐ YES ☐ NO				O-RING ON SHAFT				☐ YES ☐ NO											
☐ OPENED ☒ CLOSED				HOLES IN PISTON															
1.4		THICKNESS / mm		ANTI-ROLL BAR				THICKNESS / mm		1.2									
Jaco Green				TIRES				Jaco Green											
64				DIAMETER / mm				64											
Handout				INSERTS				Handout											
Jack				ADDITIVE				Jack											
FRONT LEFT				TREATED AREA				REAR LEFT											
FRONT RIGHT								REAR RIGHT											
WHEELS																			
S	☐	M	☐	H	☐	HARDNESS		S	☐	M	☐	H	☐						
MOTOR		10.5		ARMATURE		12.3 mm													
		+		SPRING		-													
		+		BRUSH COMP.		-													
ESC		GTB		BATTERIES		SMC 4600													
BRUSHLESS		PROGRAM		PUNCH		INITIAL BRAKE		AUTO BRAKE											
BODY		Mazda 6		WING		Stock													
● -X- APPLIED S-SOFT M-MEDIUM H-HARD																			

FRONT

CASTER
0° ☐ 2° ☐ 4° ☒ 6° ☐

WHEELBASE /mm
☐ 0 ☒ 1 ☒ 1

DIVE
+0.75 ☒ 0.00 ☐ -0.75 ☐

ROLL-CENTER
+0.75 ☒ 0.00 ☐ -0.75 ☐

SHIM
1 /mm

RIDE HEIGHT /mm
5

RIDE HEIGHT /mm
5.2

REAR

WHEELBASE /mm
☒ 2 ☐ 1 ☐ 0

RIDE HEIGHT /mm
5.2

FRONT

C-HUB
M ☒ H ☐ ALU ☐

SHIM
1 /mm

UPPER SHOCK POSITION
5 4 3 2 1

STEERING BLOCK
M ☒ H ☐ ALU ☐

LONG ☐ **SHORT** ☒

SHIM
1.5 /mm

OFFSET
STANDARD ☒

QUICK ROLL CENTER POSITION
3+ 3 4+ 4 1 2

REAR HUB
M ☐ H ☐ ALU ☐

MEASURE UNDER ARM
8 7 6 5 4 3 2 1 0 -1 -2 0 ± 1

DOWNSTOP /mm
6.4

MEASURE UNDER ARM
-2 -1 0 1 2 3 4 5 6 7 8 9 10

REAR

SHIM
1.5 /mm

UPPER SHOCK POSITION
1 2 3 4 5 6

SHIM
1.5 /mm

LONG ☐ **SHORT** ☒

QUICK ROLL CENTER POSITION
3+ 3 4+ 4 1 2

REAR HUB
M ☐ H ☐ ALU ☐

MEASURE UNDER ARM
-2 -1 0 1 2 3 4 5 6 7 8 9 10

DOWNSTOP /mm
5.4

MEASURE UNDER ARM
-2 -1 0 1 2 3 4 5 6 7 8 9 10

FRONT

TOE /deg.
OUT 0.5 IN

SHIM UNDER SHOCK
SHIM /mm
SHIM FRONT
SHIM 1.15 /mm
SHIM REAR
SHIM 1.15 /mm

OUTER ACKERMANN POSITION
1 2
INNER ACKERMANN POSITION
1 2

ANTI ROLL-BAR
SHIM UNDER SHOCK /mm
SHIM FRONT/REAR 1.5 mm
NO shim ☐ OTHER 0.4

SHIM /mm
2.5 = 3°
1.9 = 2.5°
1.5 = 2°
1.5 = 1.5°
0.75 = 1°
0.4 = 0.5°
0 = 0°

REAR

TOE /deg.
OUTBOARD TOE 1.0 INBOARD TOE

SHIM /mm
2.5 = 3°
1.9 = 2.5°
1.5 = 2°
1.5 = 1.5°
0.75 = 1°
0.4 = 0.5°
0 = 0°

FRONT

CAMBER /deg.
1.5

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

REAR

CAMBER /deg.
2

REAR ARM
HARD (H) ☒ EXTRA-HARD (XH) ☐

FRONT

BALANCE /g
1

TOP DECK MULTI-FLEX SETTING
US TOP DECK
EU TOP DECK

BALANCE /g
7

REAR

BALANCE /g
1

TOP DECK MULTI-FLEX SETTING
US TOP DECK
EU TOP DECK

BALANCE /g
7

FRONT

CHASSIS MULTI-FLEX SETTING
CHASSIS 6 cell EU

CHASSIS
6 cell EU

REAR

CHASSIS
6 cell EU

CHASSIS
6 cell EU