

ROBITRONIC Avid

POWER FOR WINNERS

SET-UP SHEET

DRIVER Tobias Weber
 DATE 15.09.07

TRACK:
 RACE GRAND PRIX LOCATION MAC WAESSEL - DUISBURG
 TRACK CONDITION CARPET (ASPHALT)
 TRACK SIZE TECHNICAL MIXED (FAST)
 TRACTION LOW MEDIUM (HIGH)
 TEMPERATURE / °C AIR 20 °C TRACK 5 °C

ADJUSTMENT:
 FRONT:
 CAMBER / °degree 1.5
 RIDE HIGH / mm 5
 CASTER / °degree 2° 3° 4° 5°
 WHEELBASE / mm +2mm +1mm 0mm -1mm -2mm
 ROLLCENTER / mm (0, 1.5, 2.5mm) FF: 1.5 mm FR: 0 mm
 SUSPENSION MOUNT / °degree FF: 1 ° FR: 1 °
 TOE IN
 TRANSMISSION ONE-WAY SPOOL DIFFERENTIAL
 ANTI-ROLL BAR YES NO
 DROOP / mm 4.5
 REAR:
 CAMBER / °degree 1.5
 RIDE HIGH / mm 5.5
 WHEELBASE / mm +2mm +1mm 0mm -1mm -2mm
 ROLLCENTER / mm (0, 1.5, 2.5mm) RF: 1.5 mm RR: 1.5 mm
 SUSPENSION MOUNT / °degree RF: 1 ° RR: 1 °
 ANTI-ROLL BAR YES NO
 DROOP / mm 4

SHOCKS:
 FRONT:
 SPRING Trumpla Gelb
 PRELOAD / mm 40
 SHOCK OIL 40
 PISTON 2 HOLES 3 HOLES
 REAR:
 SPRING Trumpla Rot
 PRELOAD / mm 40
 SHOCK OIL 40
 PISTON 2 HOLES 3 HOLES

TRANSMISSION:
 SPUR GEAR / T T
 PINION / T T
 PITCH 48dp 64dp
 DRIVE RATIO

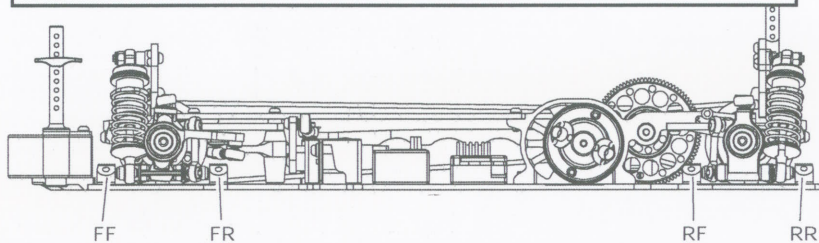
CHASSIS:
 LOWER CHASSIS PLATE 2.8mm 3.0mm
 UPPER CHASSIS PLATE 2.0mm 2.6mm

TIRES:
 TIRE
 INSERT
 RIM
 ADDITIVE

MOTOR:
 MOTOR
 ARMATURE / turns T
 BRUSH
 TIMING mm

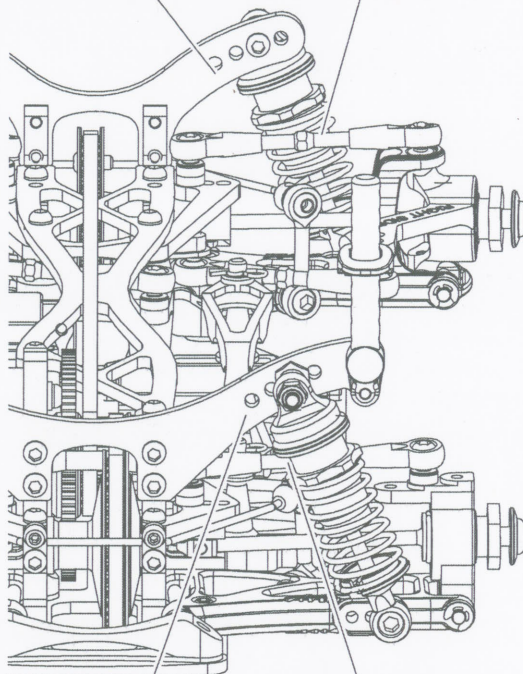
BODY:
 BODY

COMMENTS:



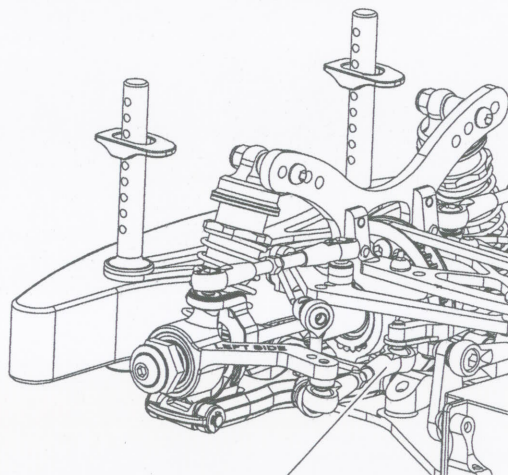
UPPER SUSPENSION FRONT
 WASHER INBOARD / mm 3 mm
 HOLE SUSPENSION PLATE INNER HOLE MIDDLE HOLE OUTER HOLE

SHOCK POSITION FRONT
 A-ARM (1. = INNER HOLE) 1. 2
 SHOCK STAY (1. = INNER HOLE) 1. 2. 3 4.



SHOCK POSITION REAR
 A-ARM (1. = INNER HOLE) 1. 2. 3
 SHOCK STAY (1. = INNER HOLE) 1. 2. 3 4.

UPPER SUSPENSION REAR
 WASHER INBOARD / mm 4
 HOLE SUSPENSION PLATE INNER HOLE MIDDLE HOLE OUTER HOLE
 WASHER REAR HUB / mm 2
 HOLE REAR HUB INNER HOLE MIDDLE HOLE OUTER HOLE



STEERING:
 BALL END - POSITION KNUCKLE FRONT HOLE REAR HOLE
 WASHER UNDER BALL END KNUCKLE 0 mm
 WASHER UNDER BALL END STEERING PLATE 1 mm

ROBITRONIC Avid

POWER FOR WINNERS

SET-UP SHEET

DRIVER federica Veronesi
 DATE 15.09.07

TRACK:			
RACE	<u>GERMAN National</u>	LOCATION	<u>MAC WALSUM - DUISBURG</u>
TRACK CONDITION	CARPET	ASPHALT	
TRACK SIZE	TECHNICAL	MIXED	<u>FAST</u>
TRACTION	LOW	MEDIUM	<u>HIGH</u>
TEMPERATURE / °C	AIR	<u>20</u> °C	<u>X</u> °C

ADJUSTMENT:			
FRONT:			
CAMBER / °degree	<u>1,5</u>	°	
RIDE HIGH / mm	<u>5</u>	mm	
CASTER / °degree	<u>2°</u>	<u>3°</u>	<u>X</u> 5°
WHEELBASE / mm	+2mm	+1mm	0mm -1mm -2mm
ROLLCENTER / mm (0, 1,5, 2,5mm)	RF: <u>0</u>	FR: <u>1,5</u>	mm
SUSPENSION MOUNT / °degree	FF: <u>0</u>	FR: <u>0</u>	°
TOE IN			
TRANSMISSION	ONE-WAY	<u>SPOOL</u>	DIFFERENTIAL
ANTI-ROLL BAR	<u>YES</u>	NO	
DROOP / mm			

REAR:			
CAMBER / °degree	<u>1</u>	°	
RIDE HIGH / mm	<u>6</u>	mm	
WHEELBASE / mm	+2mm	+1mm	0mm -1mm -2mm
ROLLCENTER / mm (0, 1,5, 2,5mm)	RF: <u>0</u>	RR: <u>1,5</u>	mm
SUSPENSION MOUNT / °degree	RF: <u>0</u>	RR: <u>0</u>	°
ANTI-ROLL BAR	<u>YES</u>	NO	
DROOP / mm			

SHOCKS:			
FRONT:			
SPRING	<u>Tamiya Blue</u>		
PRELOAD / mm	<u>45</u>		
SHOCK OIL			
PISTON	2 HOLES	3 HOLES	<u>Tamiya</u>
REAR:			
SPRING	<u>Tamiya Blue</u>		
PRELOAD / mm	<u>40</u>		
SHOCK OIL			
PISTON	2 HOLES	3 HOLES	<u>Tamiya</u>

TRANSMISSION:			
SPUR GEAR / T	<u>118</u>	T	
PINION / T	<u>30</u>	T	
PITCH	48dp	<u>64dp</u>	
DRIVE RATIO			

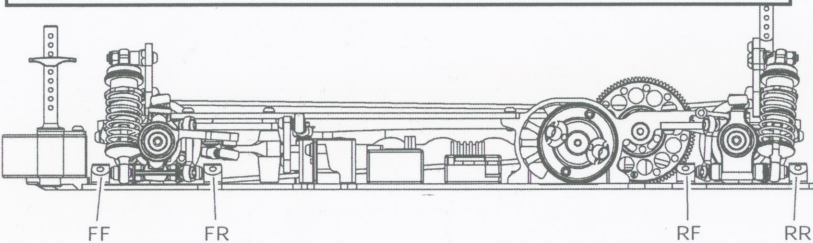
CHASSIS:			
LOWER CHASSIS PLATE	2,5mm	<u>3,0mm</u>	
UPPER CHASSIS PLATE	2,0mm	<u>2,5mm</u>	

TIRES:	
TIRE	<u>Sorex 361R</u>
INSERT	<u>gm green</u>
RIM	<u>gm -</u>
ADDITIVE	<u>pine tweak</u>

MOTOR:	
MOTOR	<u>gm 6T</u>
ARMATURE / turns	T
BRUSH	
TIMING	mm

BODY:	
BODY	<u>Proto Form Mazda 6</u>

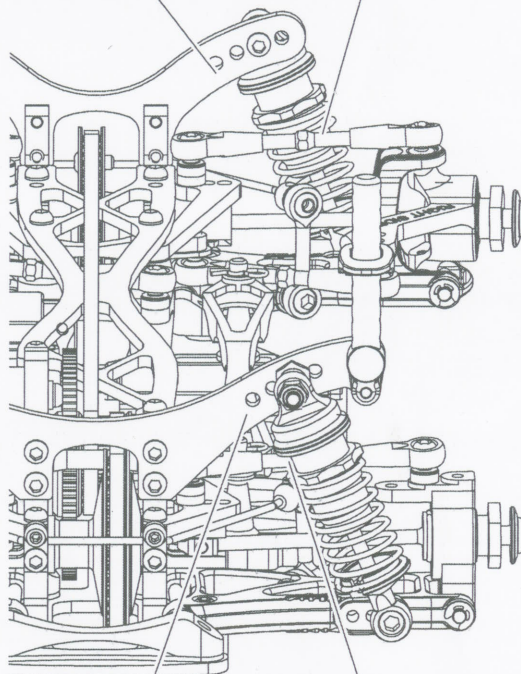
COMMENTS:



UPPER SUSPENSION FRONT			
WASHER INBOARD / mm	<u>3</u>	mm	
HOLE SUSPENSION PLATE	INNER HOLE	MIDDLE HOLE	OUTER HOLE

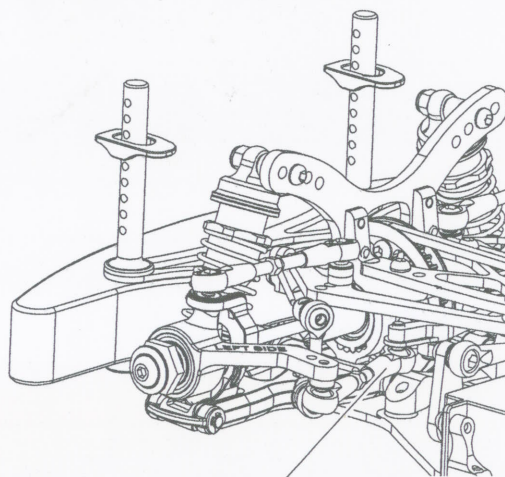
SHOCK POSITION FRONT			
A-ARM (1. = INNER HOLE)	<u>1</u>	3	4
SHOCK STAY (1. = INNER HOLE)	<u>1</u>	3	4

Serpent extern



SHOCK POSITION REAR			
A-ARM (1. = INNER HOLE)	<u>1</u>	3	4
SHOCK STAY (1. = INNER HOLE)	<u>1</u>	3	4

UPPER SUSPENSION REAR			
WASHER INBOARD / mm	<u>1,5</u>		
HOLE SUSPENSION PLATE	INNER HOLE	MIDDLE HOLE	OUTER HOLE
WASHER REAR HUB / mm	<u>3</u>		
HOLE REAR HUB	INNER HOLE	MIDDLE HOLE	OUTER HOLE



STEERING:		
BALL END - POSITION KNUCKLE	FRONT HOLE	REAR HOLE
WASHER UNDER BALL END KNUCKLE	<u>3</u>	mm
WASHER UNDER BALL END STEERING PLATE	<u>0</u>	mm