ROBITRONIC POWER FOR WINNERS Avid

SET-UP SHEET

DRIVER	Markus Mobers
DATE	10/06

TRACK:						
RACE	LOCATION	TOSW				
TRACK CONDITION	CARPET X		ASPHALT			
TRACK SIZE	TECHNICAL X		MIXED			FAST
TRACTION	LOW X		MEDIUM			HIGH
TEMPERATURE / °C	AIR	20 °C	TRACK		°C	

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

SHOCKS:		
FRONT:		
SPRING	Tamiya Blau	
PRELOAD / mm	mm	
SHOCK OIL	60 WT	
PISTON	2 HOLES	3 HOLES X
REAR:		
SPRING	Tamiya Blau	
PRELOAD / mm	mm	
SHOCK OIL	40 WT	
PISTON	2 HOLES	3 HOLES X

TRANSMISSION:		
SPUR GEAR / T	120 T	
PINION / T	23 T	
PITCH	48dp	64dp X
DRIVE RATIO	1 : 9.3	

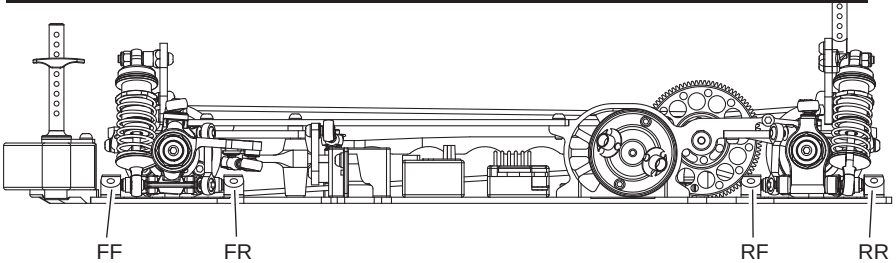
CHASSIS:		
LOWER CHASSIS PLATE	2.5mm X	3.0mm
UPPER CHASSIS PLATE	2.0mm X	2.5mm

TIRES:	
TIRE	CS27
INSERT	JB
RIM	JB
ADDITIVE	FISH

MOTOR:		
MOTOR	Peak	
ARMATURE / turns	7x2 T	
BRUSH	Peak	
TIMING	4 mm	

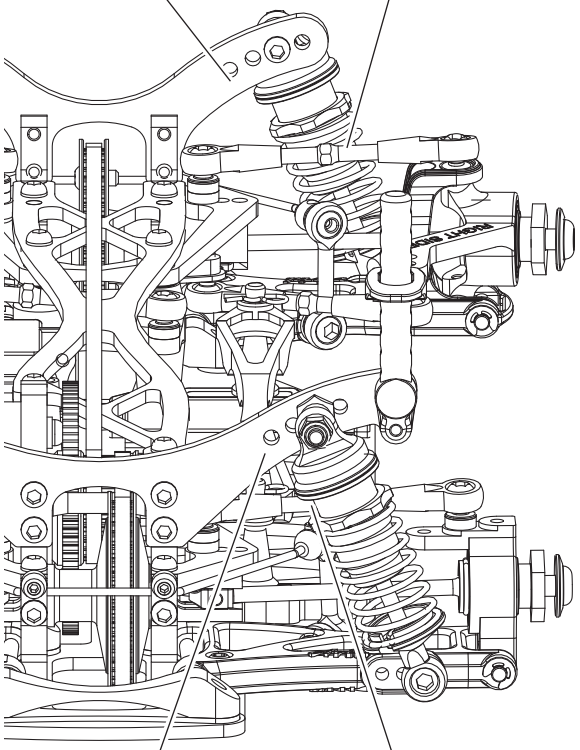
BODY:		
BODY	Mazda 6	

COMMENTS:



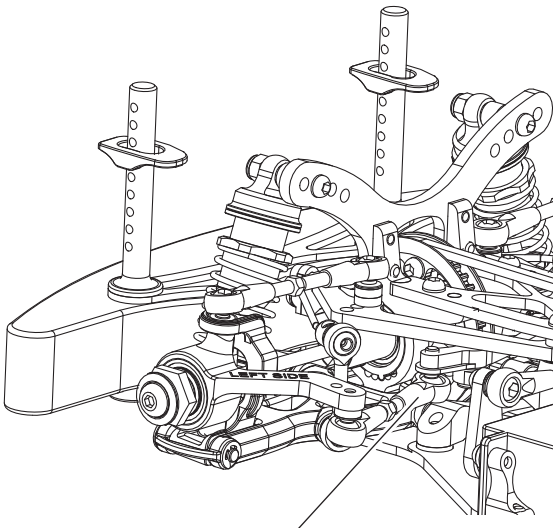
UPPER SUSPENSION FRONT			
WASHER INBOARD / mm	4 mm		
HOLE SUSPENSION PLATE	INNER HOLE X	MIDDLE HOLE	OUTER HOLE

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



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

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



STEERING:		
BALL END - POSITION KNUCKLE	FRONT HOLE	REAR HOLE
WASHER UNDER BALL END KNUCKLE	4 mm	
WASHER UNDER BALL END STEERING PLATE	- mm	

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