

RALLY 4	unit.	FRONT		REAR		<u>Comments:</u> Reference = Michelin New tyres for RH's reference
		Left	Right	Left	Right	
TYRES	Dimensions	17/65-15 LTX XL 92		17/65-15 LTX XL 92		
TYRE PRESSURE for set up	bar	2.0		2.0		

GEOMETRY

RIDE HEIGHT (RH)	mm	310,0		465,0		RH's Target recommended (Measurement points end of page)
Theoretical cup heights (CH)	mm	150,0 ≤ x ≤ 155,0		110,0 ≤ x ≤ 115,0		
FRONT: 6 cup height rotation = 10mm of RH REAR: 5 cup height rotation = 10mm of RH						
CAMBER	°	-1°50	-1°50	-1°35	-1°35	* Thickness may vary from vehicle to an other
Theoretical camber shims *	mm	5,5	5,5	7	7	
FRONT: 0.1mm of shim = 0°07' to the wheel REAR: 1 shim step = 0°07' to the wheel						
TOE	mm	0,0	0,0	0,0	0,0	* Thickness may vary from vehicle to an other
Theoretical TOE Shims *	N°			B	B	
FRONT: 1/2 of rod rotation = 0.75mm of Rod length = 2.0mm toe to the wheel. Camber/ Toe incidence: - 0°30' of camber variation = + 2.0mm toe to the wheel. REAR: 1 Shim step = 1mm to the wheel Camber/ Toe incidence: - 0°07' of camber variation = - 0.4 mm toe at the wheel						
Wheelbase	mm	2553 (+/-10)				Homologated value

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Minimum weight	Kg	W/o crew				1080	With Crew				1240	Category RC4 values Low position = Mandatory
WHISHBONE	E1 Position	Low										
MAIN SPRINGS	N/mm	40				36						
Helper springs	N/mm	5				5						
DAMPERS Setting (clicks)	Version	FG010				RG018					Fully screw out of the number of clicks indicated	
	Ways	c	C	R	PDS	c	C	R	PDS			
	Clicks	30	30	30	2	30	30	30	2			
c= low speed compression / C= high speed compression / R= Rebound/ PDS= Progressive damping System (hydraulic)												
ANTIROLL BAR	mm	Ø		15		Ø		22				
ARB rod length	mm			80				80				

S T E E R	Steering rack height	mm	0,0		0,0		Recommended default Shims heights
	M-POINT SPACER (HA)	mm	1,0		1,0		
	M-POINT SPACER (BA)	mm	5,0		5,0		
	Steering Pump nozzle	mm	Ø	4 mm			

B R A K E S	Main master cylinder	mm	Ø 22,22			
	BRAKE PADS	Brand/model	TM / Mix 1		TM / Mix 1	
	BRAKE BALANCE	bar	30		16	
	Handbrake MC	mm		Ø	15mm	

T R A N S	Gearbox Ratio	Gears	1	2	3	4	5	Final drive
		EVO Ratio	12x29	17x31	17x25	22x26	21x20	12x54
	DIFFERENTIAL	Friction Faces	12 F	Ramps (°)	42/63	Preload	120 N.m	Hot

F L U I D	<u>Recommendations</u>		Type	Reference	Volume
		Engine Oil :	0 W 30	PS97727A10	3.5 L (+1.5 L radia)
		GearBox Oil :	75 W 140	904895438A	1 L (+0.1 L radia)
		Steering Fluid :	LDS	1615099680	2 L
		Coolant :	PSA -35°C	1637756480	6.5 L
		Brake / Clutch Fluid :	BREMBO HTC64	PS97633A10	

