

RALLY 4	unit.	FRONT		REAR		<u>Comments:</u> Reference = Michelin New tyres for RH's reference
		Left	Right	Left	Right	
TYRES	Dimensions	19/63-17		19/63-17		
TYRE PRESSURE for set up	bar	2.0		2.0		

G E O M E T R Y	RIDE HEIGHT (RH)	mm	245		410		RH's Target recommended (Measurement points end of page)	
	Theoretical cup heights (CH)	mm	120 ≤ x ≤ 125		65 ≤ x ≤ 70			
	FRONT: 6 cup height rotation = 10mm of RH REAR: 5 cup height rotation = 10mm of RH							
	CAMBER	°	-1°45	-1°45	-1°35	-1°35	* Thickness may vary from vehicle to an other	
	Theoretical camber shims *	mm	7,0	7,0	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°			C	C		
	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	45				40,5						
Helper springs	N/mm	5				5						
DAMPERS Setting (clicks)	Version	FT011				RT022						Fully screw out of the number of clicks indicated
	Ways	c	C	R	PDS	c	C	R	PDS			
	Clicks	30	38	32	2	15	28	20	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	10,0	10,0	Recommended default Shims heights
	M-POINT SPACER (HA)	mm	5,0	5,0	
	M-POINT SPACER (BA)	mm	1,0	1,0	
	Steering Pump nozzle	mm	Ø	4 mm	

B R A K E S	Main master cylinder	mm	Ø 22,22		
	BRAKE PADS	Brand/model	Mintex / F4R	TM / Mix 2	
	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 (°)	27/57	Preload	120 N.m	Hot

F L U I D	Recommendations		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	

