

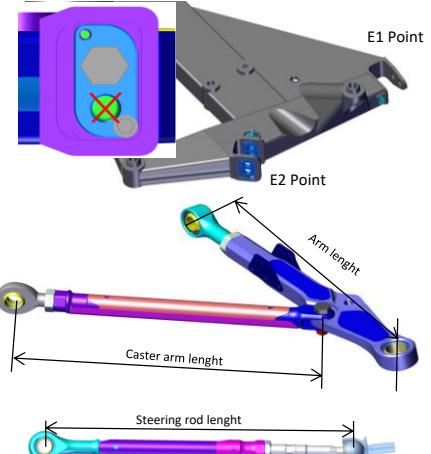
Rally	Good Grip	Car	
Date		Surface	Tarmac
Crew		Conditions	Dry

21/09/2023
General data

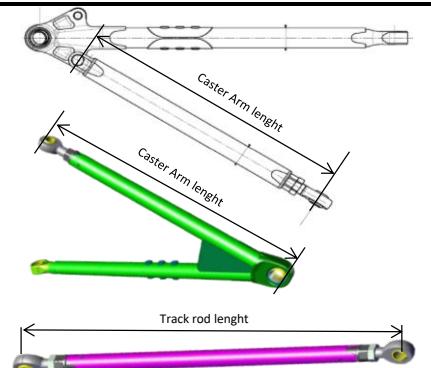
MASSES	Wheel	Speedline 8x18						
	Tyre	Michelin	20/65 - 18	Setup tyre pressure	bars	2	R: 317/318mm	
	Corner weight with 30L fuel	kg	FL		FR	Ballast	Fr weight ratio %	
		kg	RL		RR		L/R diff kg	
	Crew weight	kg	Driver		Codriver		Cross diff kg	
	Car weight	kg	w/ crew	1390 min	Min Weight	1230 min	with 1 spare wheel	

Front AXLE - Evo Front subframe

SUSPENSION	Main Spring	N/mm		45					
	Valving	spec		T30F					
	Damper settings (LSB, HSB, Reb)	base		-8 / -8 / -40					
	RCV	shim		3mm					
	Antiroll bar	mm / pos		17,6	Soft				
	Antiroll rod lenght (theoretical)	mm		235					
GEOMETRY	Ride Height*	mm		111					
	Cup Height (theoretical)	mm							
	Toe / wheel (+ = toe in)	mm		-1mm					
	Camber	(°)	Michelin	-2°00' / -2°00'	Pirelli				
	Camber shim (theoretical)	mm							
	Point C Bracket	orientation		Marking > INSIDE					
	E1 Point	position		OUTSIDE					
	E2 Point	position		Tarmac EVO					
	Arm lenght (theoretical)	mm		378,7					
	Caster arm lenght (theoretical)	mm		369,5					
Steering rod lenght (theoretical)	mm		398						
2517 < Wheelbase < 2568	mm		2567						
Caster (for info)	(°)		8°42'						


Rear AXLE - Evo Rear Subframe

SUSPENSION	Main Spring	N/mm		40					
	Valving	spec		T30R					
	Damper settings (LSB, HSB, Reb)	base		-11 / -6 / -33					
	RCV	shim		3mm					
	Antiroll bar	mm / pos		21,6	Hard				
	Antiroll rod lenght (theoretical)	mm		260					
GEOMETRY	Ride Height*	mm		134					
	Cup Height (theoretical)	mm							
	Toe / wheel (+ = toe in)	mm		1 mm					
	Camber	(°)	Michelin	-1°30' / -1°40'	Pirelli				
	Camber shim (theoretical)	mm							
	Caster Arm lenght (theoretical)	mm	Standard rear arm →	539 / 465	← Rear arm evo				
Track rod lenght (theoretical)	mm		536,6						


BRAKES

SUSPENSION	Front		Rear					
	Disc	spec	Ø x t	355 x 32				
	Caliper	spec	Ø	Alcon 38.1/41.3				
	Pads	spec	-	Endless 105SP				
	Dual master cylinder	inch	Ø	0,75" (19,05mm) / 0,75" (19,05mm)				
	Handbrake master cylinder	inch	Ø	0,7" (17,8mm)				
	Brake ratio (for 30b at the front)	bars	AR	21	(to be set)			

STEERING

Power steering pump	L / min	11L/min at 130b Ref 904600278A						
Anti return valve	-	WITHOUT						

TRANSMISSION

Front Diff	Drive / Coast	40 / 75	Preload	40 Nm	8 FF			
Rear Diff	Drive / Coast	35 / 90	Preload	80 Nm	12 FF			

Clutch master cylinder	inch	Ø	0,7" (17,8mm)					
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MISC	*Nota: Ride height is measured with the driver and codriver weight, with 30L fuel, all fluids leveled, 1 spare wheel, car ready to race.							
	Differentials : 2nd option 40/75 12FF 40Nm & 50/90 12FF 80Nm, for rallies with constant grip (no black top), without cuts and with medium to high rugosity.							

