


**Evo Kit**

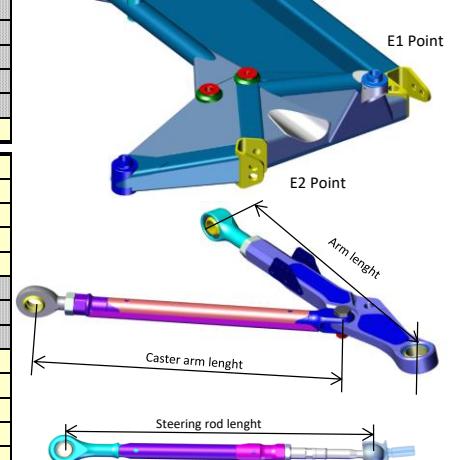
Rally		Car				
Date		Surface	Tarmac			
Crew		Conditions	Dry			25/03/2021

**General data**

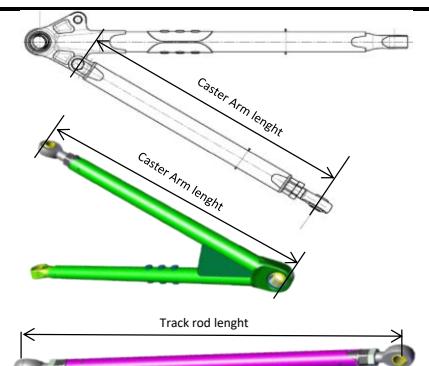
<b>MASSES</b>	Wheel	Speedline 8x18					
	Tyre	Michelin	20/65 - 18	Setup tyre pressure	bars	2	R: 317/318mm
	Corner weight with 30L fuel	kg	FL		FR	Ballast	Fr weight ratio %
		kg	RL		RR		L/R diff kg
	Crew weight	kg	Driver		Codriver		Cross diff kg
	Car weight	kg	w/ crew	1390 min	Min Weight	1230 min	with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

**Front AXLE**

<b>SUSPENSION</b>	Main Spring	N/mm		55				
	Valving	spec		T30F				
	Damper settings (LSB, HSB, Reb)	base		-6 / -14 / -40				
	RCV	shim		3mm				
	Antiroll bar	mm / pos		15,3	Hard			
	Antiroll rod lenght (theoretical)	mm		235				
<b>GEOMETRY</b>	Ride Height*	mm		107				
	Cup Height (theoretical)	mm						
	Toe / wheel (+ = toe in)	mm		-1mm				
	Camber	( ° )		-1°40'				
	Camber shim (theoretical)	mm						
	Point C Bracket	orientation		Marking > INSIDE				
	E1 Point	position		OUTSIDE				
	E2 Point	position		UPPER				
	Arm lenght (theoretical)	mm		383				
	Caster arm lenght (theoretical)	mm		375				
Steering rod lenght (theoretical)	mm		402					
2517 < Wheelbase < 2568	mm		2567					
Caster (for info)	( ° )		8°42'					


**Rear AXLE - Evo Rear Subframe**

<b>SUSPENSION</b>	Main Spring	N/mm		50				
	Valving	spec		T30R				
	Damper settings (LSB, HSB, Reb)	base		-11 / -6 / -33				
	RCV	shim		3mm				
	Antiroll bar	mm / pos		24,5	Soft			
	Antiroll rod lenght (theoretical)	mm		260				
<b>GEOMETRY</b>	Ride Height*	mm		134				
	Cup Height (theoretical)	mm						
	Toe / wheel (+ = toe in)	mm		0 mm				
	Camber	( ° )		-1°20'				
	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**

<b>Brakes</b>			Front	Rear			
	Disc	spec	Ø x t	355 x 32	355 x 32		
	Caliper	spec	Ø	Alcon 38.1/41.3	Alcon 38.1/41.3		
	Pads	spec	-	Endless 105SP	Endless 105SP		
	Master cylinder Fr / Rr	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	Rear	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	75 Nm	12 FF		
Clutch master cylinder	inch	Ø	0,7" (17,8mm)				

\*Nota: Ride height is measured with the driver and codriver weight, with 30L fuel, all fluids leveled, 1 spare wheel, car ready to race.

Other front diff spec : 55/75 12FF 40Nm for more locking ratio during braking

