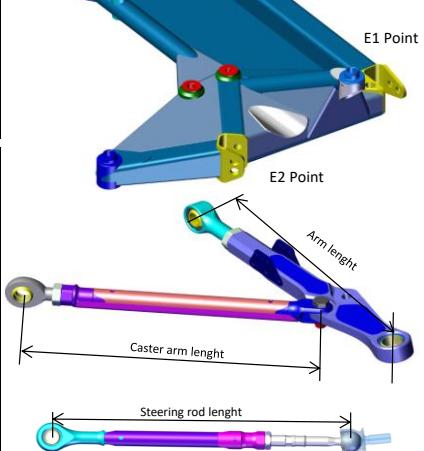


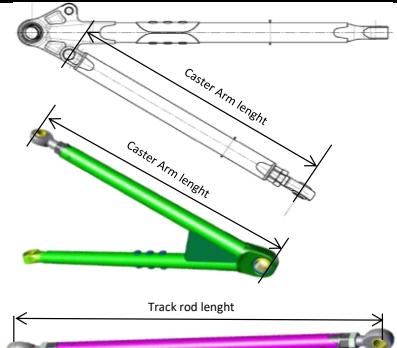
Rally	Car	Tarmac	25/02/2020
Date	Surface		
Crew	Conditions	Dry	

General data									
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		45					
	Valving	spec		T30F					
	Damper settings (LSB, HSB, Reb)	base		-6 / -14 / -40					
	RCV	shim		3mm					
<b>GEOMETRY</b>	Antiroll bar	mm / pos		15,3	Soft				
	Antiroll rod lenght (theoretical)	mm		235					
	Ride Height*	mm		110					
	Cup Height (theoretical)	mm							
	Toe / wheel (+ = toe in)	mm		-1mm					
	Camber	( ° )		-1°10'					
	Camber shim (theoretical)	mm							
	Point C Bracket	orientation		Marking > INSIDE					
	E1 Point	position		OUTSIDE					
	E2 Point	position		UPPER					
	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									
<b>SUSPENSION</b>	Main Spring	N/mm		45					
	Valving	spec		T30R					
	Damper settings (LSB, HSB, Reb)	base		-8 / -7 / -25					
	RCV	shim		3mm					
<b>GEOMETRY</b>	Antiroll bar	mm / pos		24,5	Soft				
	Antiroll rod lenght (theoretical)	mm		260					
	Ride Height*	mm		132					
	Cup Height (theoretical)	mm							
	Toe / wheel (+ = toe in)	mm		0 mm					
	Camber	( ° )		-1°10'					
	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									
	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					
Dual master cylinder	inch	Ø	0,75" (19,05mm)	/ 0,937" (23,8mm)					
Handbrake master cylinder	inch	Ø	0,7" (17,8mm)						
Brake ratio (for 30b at the front)	bars	AR	19	(given by dual master cylinder)					

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

TRANSMISSION									
Front Diff	Drive / Coast		35 / 60	Preload	40 Nm	12 FF			
Rear Diff	Drive / Coast		50 / 90	Preload	75 Nm	12 FF			
Clutch master cylinder	inch	Ø	0,7" (17,8mm)						

**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.

In case of bumpy/cambered road, increase RH by +6/+8

In cas of rain or very low grip, use 40N/mm springs F & R and/or rear diff 45/90 8FF 75Nm

