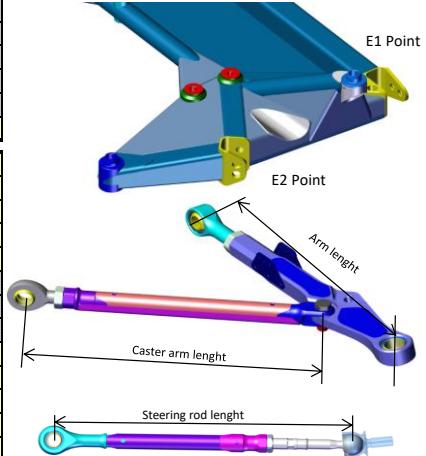


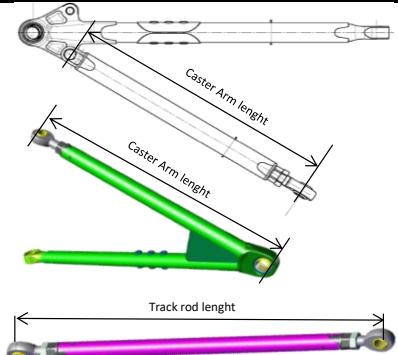
Rally	Car	Tarmac	25/02/2020
Date	Surface		
Crew	Conditions	Dry	

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		50					
	Valving	spec		T22F					
	Damper settings (LSB, HSB, Reb)	base		-10 / -14 / -40					
	RCV	shim		3mm					
<b>GEOMETRY</b>	Antiroll bar	mm / pos	15,3	Soft					
	Antiroll rod lenght (theoretical)	mm	235						
	Ride Height*	mm	104						
	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	T19R						
	Damper settings (LSB, HSB, Reb)	base	-10 / -14 / -40						
	RCV	shim	3mm						
<b>GEOMETRY</b>	Antiroll bar	mm / pos	24,5	Hard					
	Antiroll rod lenght (theoretical)	mm	260						
	Ride Height*	mm	128						
	Cup Height (theoretical)	mm							
	Toe / wheel (+ = toe in)	mm	0 mm						
	Camber	( ° )	-1°20'						
	Camber shim (theoretical)	mm							
	Caster Arm lenght (theoretical)	mm	539 / 465	→	Standard rear arm	← Rear arm evo			
	Track rod lenght (theoretical)	mm	536,6						



BRAKES									
	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)	/	0,937" (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		40 / 60		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)						

<b>MISC</b>	*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								

