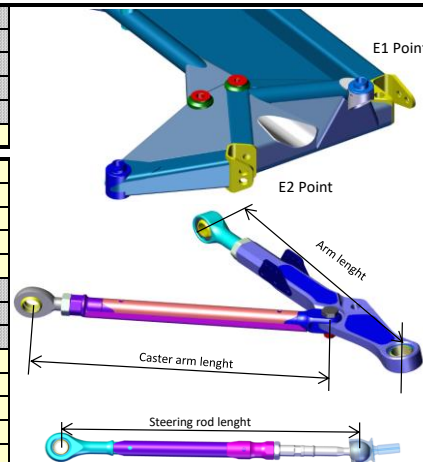


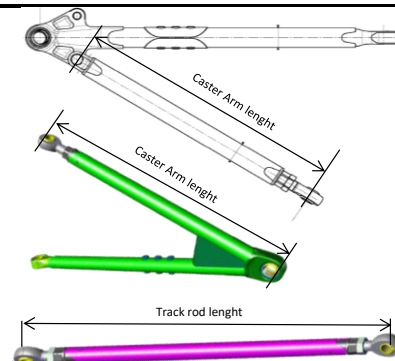
Rally		Car		
Date		Surface	Tarmac	25/02/2020
Crew		Conditions	Dry	

General data									
Wheel	Speedline 8x18			Setup tyre pressure		bars	2	R: 317/318mm	
Tyre	Michelin	20/65 - 18		FR	Ballast	Fr weight ratio		%	
Corner weight with 30L fuel	kg	FL		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									
SUSPENSION	Main Spring	N/mm		50					
	Valving	spec		T22F					
	Damper settings (LSB, HSB, Reb)	base		-10 / -14 / -40					
	RCV	shim		3mm					
	Antiroll bar	mm / pos		15,3	Soft				
	Antiroll rod lenght (theorical)	mm		235					
GEOMETRY	Ride Height*	mm		104					
	Cup Height (theorical)	mm							
	Toe / wheel (+ = toe in)	mm		-1mm					
	Camber	( ° )		-1°40'					
	Camber shim (theorical)	mm							
	Point C Bracket	orientation		Marking -> INSIDE					
	E1 Point	position		OUTSIDE					
	E2 Point	position		UPPER					
	Arm lenght (theorical)	mm		383					
	Caster arm lenght (theorical)	mm		375					
	Steering rod lenght (theorical)	mm		402					
	2517 < Wheelbase < 2568	mm		2567					
	Caster (for info)	( ° )		8°42'					



Rear AXLE - Evo Rear Subframe									
SUSPENSION	Main Spring	N/mm		50					
	Valving	spec		T19R					
	Damper settings (LSB, HSB, Reb)	base		-10 / -14 / -40					
	RCV	shim		3mm					
	Antiroll bar	mm / pos		24,5	Hard				
	Antiroll rod lenght (theorical)	mm		260					
GEOMETRY	Ride Height*	mm		128					
	Cup Height (theorical)	mm							
	Toe / wheel (+ = toe in)	mm		0 mm					
	Camber	( ° )		-1°20'					
	Camber shim (theorical)	mm							
	Caster Arm lenght (theorical)	mm	Standard rear arm ->	539 / 465	<- Rear arm evo				
	Track rod lenght (theorical)	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		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)						

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								

