


Evo Kit

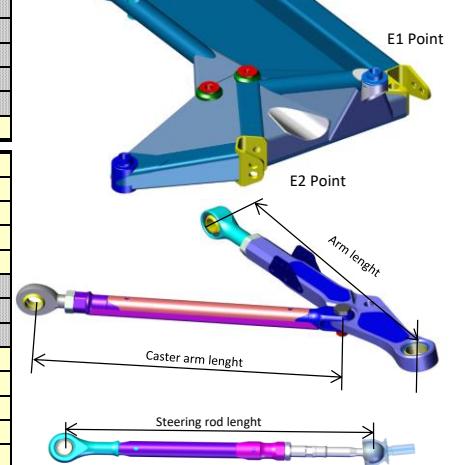
Rally		Car				
Date		Surface	Tarmac			
Crew		Conditions	Dry			
						25/03/2021

General data

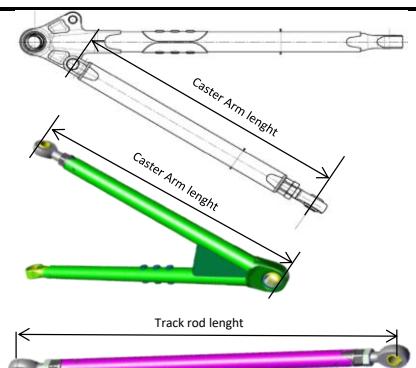
MASSES	Wheel	Speedline 8x18					
	Tyre	Michelin	20/65 - 18	Setup tyre pressure	bars	2	R: 317/318mm
	Corner weight with 30L fuel	kg	FL		FR	Ballast	Fr weight ratio %
		kg	RL		RR		L/R diff kg
	Crew weight	kg	Driver		Codriver		Cross diff kg
Car weight		kg	w/ crew	1390 min	Min Weight	1230 min	with 1 spare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

Front AXLE

SUSPENSION	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			
GEOMETRY	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

SUSPENSION	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	Hard		
Antiroll rod lenght (theoretical)		mm		260			
GEOMETRY	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

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		
	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	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	55 / 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.

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

RH : 104 / 128 in case of very high grip

