

Evo Kit

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

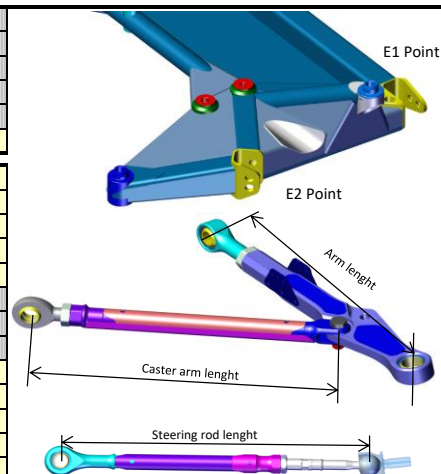
General data

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

with 1 spare wheel

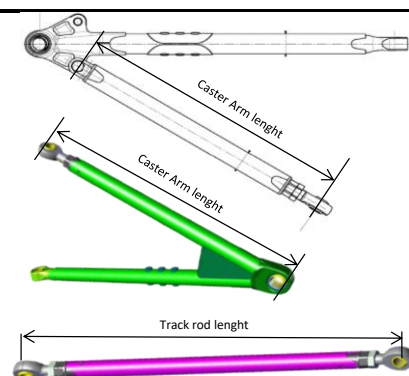
Front AXLE

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
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

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
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

Disc	spec	Ø x t	Front 355 x 32	Rear 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

