

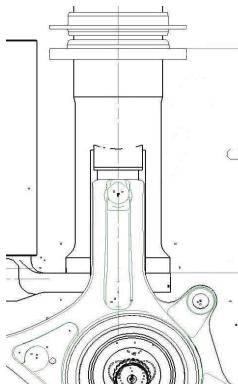


C2R2MAX

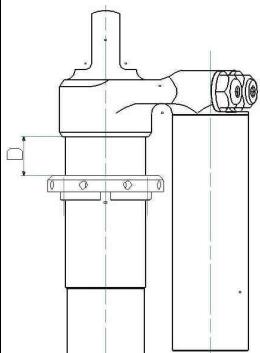
SETUP Sheet



Front spring cup measurement



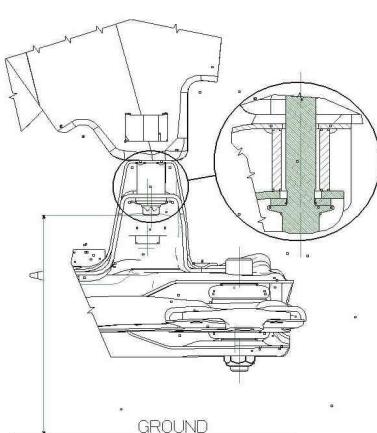
Rear spring cup measurement



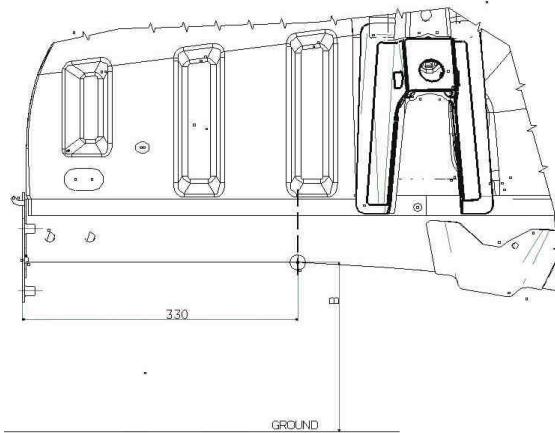
Event	Car N°(chassis)	R2 Max	TARMAC SET-UP "WET CONDITIONS"				
Date	Surface	Tarmac					
Crew	Weather conditions	wet					
General informations							
Rims	6,5 x 16						Target (*)
Tyres	BF Goodrich 195/50-16	Setup pressure	bars	2	Front : 2,4 bars		
					Rear : 2,2 bars		
(*) : The target means a tyre pressure just at the end of a 15kms long special stage.							
Weight balance per wheel (with 20L)	kg	Front L	Front R	Ballast detail	Weight on front	%	
	kg	Rear L			Delta L/R	Kg	
Crew weight	kg	Driver			Diago delta.	Kg	
Total weight	kg		1180 min	Balast Kg			
Total weight without crew	kg		1030 min				
Front axle specification							
Main spring	daN/mm	5					
Intermediate spring	daN/mm	0,4					
Shock absorber	spec	ABO-RA-070097	Pressure	bars 12	Clics base (c / C / D)	-11 / -15 / -12	
Shock setting		Hydraulic bump stop	-15		Clics		
Anti roll bar	mm	20 full					
Anti roll bar link length	mm	Left	285 mm (the second has to be adjusted)				
Wheel spacer	mm	Left		No			
GEOMETRY							
Ride height (A)	mm	Left	240mm, subframe bolt				
Distance between spring cup	mm	Left	1 rev => 1,5 mm ride height				
Toe "in"	mm	Left	0 mm total, toe in on brakes				
Camber	°/°	Left	22°				
Steering joint ball length	mm	Left	1 rev => 4,8 mm at the wheel				
Caster	°/°	Left					
Rear axle specifications							
Main Spring	daN/mm	3,7					
Intermediate spring	daN/mm	0,5	S1600 spec				
Shock absorber	spec	ABO-RA-070079	Pressure	bars 12	Clics base (c / C / D)	-15 / -15 / -15	
Shock setting		Hydraulic bump stop	-1,5 revs		Clics		
Rear axle crossmember	mm	5/26 full					
Wheel spacer	mm	Left		No			
GEOMETRY							
Ride height (B)	mm	Left	360mm on rear body cross member				
Spring cup measurement (D)	mm	Left	1 rev => 2 mm ride height				
Wheel base with crew	mm	Left					
Toe in	mm	Left	5 mm "in" Total				
Toe in shrim	°/°	Left	"-" means less toe in				
Camber	°/°	Left	14°				
Camber shrim	°/°	Left	"-" means less camber				
Braking specifications							
Brakes	Caliper (Piston Ø / nb)	mm	44 / 40	4 pistons	31,8	2 pistons	Rear
	Diameter / Thickness (bd new)	mm	Left	302 / 26		280 / 8	Rear
	Pads (Mark / model)	spec	Left	Pagid / RS 15		FERODO DS3000	Rear
	Master cylinder (Ø)	inch	Principal	22 mm	Without servo	0.700" HB	
	Rear brake pressure limitor	spec	Bendix	Cutting bars			
Steering specifications							
STE	Steering rack	spec		BCSP4000ZN, CITROËN Racing shop			
	Steering rack height setting	mm	Left				Rear
	Power steering pump	spec		BCSP4007ZX CITROËN Racing shop	Ø Caliber	Following driver	
Gearbox specifications							
GEAR	Gears	12 x 36	16 x 34	17 x 28	20 x 27	21 x 24	
	Final ratio (speed in accordance)	13x54 (long, 195km/h)	12x53 (medium, 183km/h)	12x57 (short, 171km/h)			
	Differential	Accel	30	Decel	90	Preload	9 m.daN quadridisque

IMPORTANT : By the "R" rules, the F.I.A limits the low ride height. Please, check the page 1 and 2 of the 28/02 VR2B sheet to know the measurement values, and how / where measuring it.

Front ride height measurement



Rear ride height measurement





C2 R2 MAX



Weight balance setup sheet

Configuration conditions :

20 liters of fuel in the tank.
1 only spare wheel
4 wheels equipped with brand new racing tyres P = 2 bars.
Inboard tool set installed (tools, jack, makita, spare parts)
Front anti-roll bar disconnected
Driver (helmet, shoes,...) installed.
Co-driver (helmet, shoes,...) installed.

R2 Homologation weight :

1030 kg without crew
1180 kg with the crew

Ballast :

Sump guard : Inside :

FRONT AXLE WEIGHT TARGET : LESS THAN 1 KG

Example : Left front wheel 364 kg / Right front wheel 363,5 kg

Front Left	
Mass	Kg
Ride Height	
Target (A)	mm
Measure (A)	mm
Spring cup measurement	
Measure (C)	mm



Front Right	
Mass	Kg
Ride Height	
Target (A)	mm
Measure (A)	mm
Spring cup measurement	
Measure (C)	mm

Rear Left	
Mass	Kg
Ride Height	
Target (B)	mm
Measure (B)	mm
Spring cup measurement	
Measure (D)	mm

Rear Right	
Mass	Kg
Ride Height	
Target (B)	mm
Measure (B)	mm
Spring cup measurement	
Measure (D)	mm

REAR AXLE WEIGHT TARGET : LESS THAN 5 KG

Example : Rear left wheel 228 kg / Rear right wheel 224 kg

