

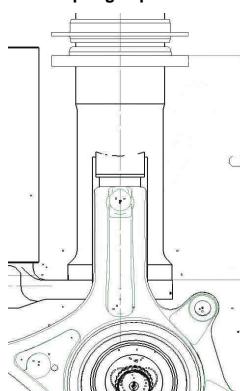


C2R2MAX

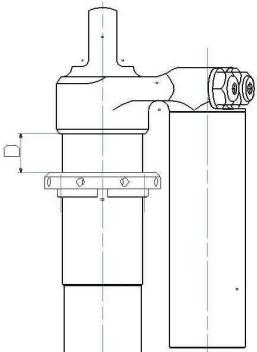
SETUP Sheet

Event	Car N°(chassis)	R2 Max	SET-UP "BAD GRAVEL"					
Date	Surface	Gravel						
General informations								
Rims	6 x 15				Target (*)			
Tyres	BF Goodrich 195/65-15	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	Rear R		Delta L/R Kg			
Crew weight	kg	Driver		Navigator	Diago delta. Kg			
Total weight	kg		1180 min	Balast Kg				
Total weight without crew	kg		1030 min					
Front axle specification								
SUSPENSION	Main spring	daN/mm	4,5					
	Intermediate spring	daN/mm	0,4					
	Shock absorber	spec	ABO-RT-070151	Pressure bars	12 Clics base (c / C / D) -7 / -12 / -10			
	Shock setting		Hydraulic bump stop	-15	Clics			
	Anti roll bar	mm	ø 18 full					
	Anti roll bar link length	mm	Left	245 mm (the second has to be adjusted)	Right			
GEOMETRY	Wheel spacer	mm	Left	5mm wheel spacer, both sides	Right			
	Ride height (A)	mm	Left	305mm, subframe bolt	Right			
	Distance between spring cup	mm	Left	1 rev => 1,5 mm ride height	Right			
	Toe "in"	mm	Left	0 mm total, toe in on brakes	Right			
	Camber	°/°	Left	14°	Right			
	Steering joint ball length	mm	Left	1 rev => 4,8 mm at the wheel	Right			
Rear Axle specifications	Caster	°/°	Left		Right			
	SUSPENSION	Main Spring	daN/mm	3,8				
		Intermediate spring	daN/mm	0,5 S1600 spec				
		Shock absorber	spec	ABO-RT-070144	Pressure bars 12 Clics base (c / C / D) -5 / -10 / -10			
		Shock setting		Hydraulic bump stop -1,5 revs	Clics			
		Rear axle crossmember	mm	4/20,5				
		Wheel spacer	mm	Left spacer of 5mm in option	Right			
GEOMETRY	Ride height (B)	mm	Left	420mm on rear body cross member	Right			
	Spring cup measurement (D)	mm	1 rev => 2 mm ride height	Right				
	Wheel base with crew	mm	Left	Right				
	Toe in	mm	5 mm "in" Total	Right				
	Toe in shirm	°/°	"-" means less toe in	Right				
	Camber	°/°	13°	Right				
Steering specifications	Camber shirm	°/°	Left	"-" means less camber	Right			
	BRAKES	Caliper (Piston Ø / nb)	mm	42/38 4 pistons	31,8 2 pistons Rear			
		Diameter / Thickness (bd new)	mm	266/22	280 / 8 Rear			
		Pads (Mark / model)	spec	Left FERODO DS3000	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						
		Gears	12 x 36	16 x 34	17 x 28	20 x 27	21 x 24	
GEAR	Final ratio (speed in accordance)						13x54 (long, 195km/h)	12x53 (medium, 183km/h)
	Differential						Accel	30 Decel 90
	Preload						9 m.daN	quadridisque

Front spring cup measurement

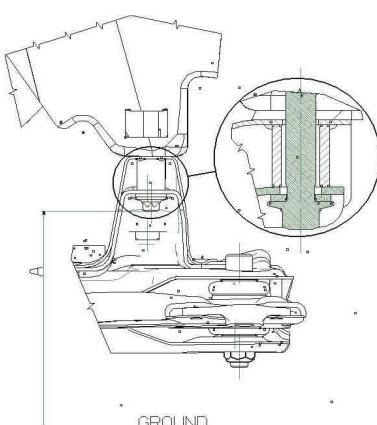


Rear spring cup measurement

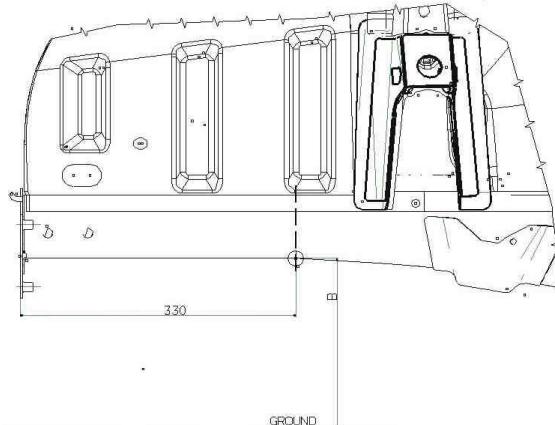


IMPORTANT : By the "R" rules, the F.I.A limits the low ride height. Please, check the page 1 and 2 of the 28/02 VR2B sheet to know the measurement values, and how / where measuring it.

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

