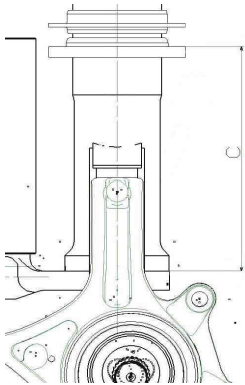
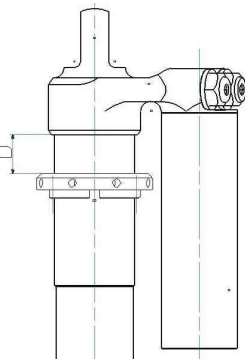


CITROËN
RACING

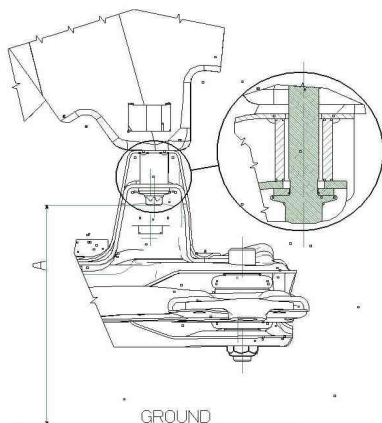
Front spring cup measurement



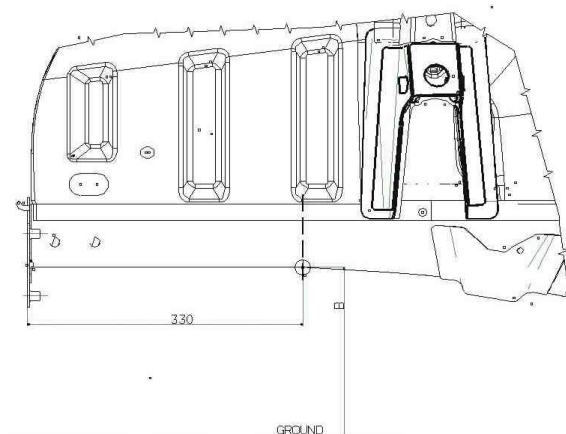
Rear spring cup measurement



Front ride height measurement



Rear ride height measurement



C2R2MAX

SETUP Sheet

Event		Car N° (chassis)	R2 Max	SET-UP "GOOD GRAVEL"				
Date		Surface	Gravel					
Crew		Weather conditions	Dry					
General informations								
DIMENSIONS	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
SUSPENSION	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							
GEOMETRY	Main spring	daN/mm	3,7					
	Intermediate spring	daN/mm	0,4					
	Shock absorber	spec	ABO-RT-070151	Pressure	bars	12	Clicks base (c / C / D)	-7 / -12 / -13
	Shock setting		Hydraulic bump stop		-15	Clicks		
	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 side		Right	
	Ride height (A)	mm	Left		295mm, 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 with Michelin tyres	° / "	Left		1° 40'		Right	
	Steering joint ball length	mm	Left		1 rev => 4,8 mm at the wheel		Right	
GEOMETRY	Caster	° / "	Left				Right	
	Rear axle specifications							
	Main Spring	daN/mm	3,1					
	Intermediate spring	daN/mm	0,5	S1600 spec				
	Shock absorber	spec	ABO-RT-070144	Pressure	bars	12	Clicks base (c / C / D)	-5 / -10 / -13
	Shock setting		Hydraulic bump stop		-1,5 revs	Clicks		
GEOMETRY	Rear axle crossmember	mm		4/20,5				
	Wheel spacer	mm	Left		spacer of 5mm in option		Right	
	Ride height (B)	mm	Left		410mm on rear body cross member		Right	
	Spring cup measurement (D)	mm	Left		1 rev => 2 mm ride height		Right	
	Wheel base with crew	mm	Left				Right	
	Toe in	mm	Left		5 mm "in" Total		Right	
GEOMETRY	Toe in shim	° / "	Left		"-" means less toe in		Right	
	Camber with Michelin tyre	° / "	Left		1° 30'		Right	
	Camber shim	° / "	Left		"-" means less camber		Right	
	Steering specifications							
	Caliper (Piston Ø / nb)	mm	Left	42/38	4 pistons	31,8	2 pistons	Rear
	Diameter / Thickness (bd new)	mm	Left	266/22		280 / 8		Rear
BRAKES	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 limiter	spec		Bendix	Cutting	bars		
	Steering specifications							
	Steering rack	spec		BCSP4000ZN, CITROEN Racing shop				
	Steering rack height setting	mm	Left					Rear
STE	Power steering pump	spec		BCSP4007ZX CITROEN 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	Deccel	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.



C2R2MAX



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

Front ride height measurement

Front spring cup measurement

Rear ride height measurement

Rear spring cup measurement

