

**C2R2MAX****CHECKS MAINTENANCE AND PARTS CHANGEMENT SCHEULE**

Description	Check (Km)	Change (km)	Information
ENGINE			
Inlet and exhaust valves		1800	
Valve springs		1800	
Low and top cup springs		1800	
Tappets	1800	3600	Visual check, marks on top on all around
Inlet and exhaust camshafts	1800		Visual check (marks...), end of cams and bearings
Cylinder head (valves seats and guides)	1800		Visual check of camshafts bearings, seats, guides, flatness
Camshaft puleys + hub cap		1800	
Timing belt		1800	
Throttle body		1800	
Cylinder block	1800	3600	Visual check of cylinders surface, and flatness on head side
Pistons		3600	
Piston rings		3600	
Cylinder head gasket		1800	
Conrods and piston pins		3600	
Conrod screws		1800	
Conrod bearings		1800	
Crankshaft	1800	3600	Visual check of bearings.
Crankshaft bearings		1800	
Engine flywheel	Each disassembly	It depends of condition	Check infotech N°3707 for replacement.
Engine flywheel screws		Each disassembly	
Oil pump chain		1800	
Oil pump		1800	
Oil filter		300	Oil change every 300 km, or each event.
Water pump		1800	
Timing belt tensioning roller		1800	
Timing belt roller		1800	
Air filter		Each service	You need 2 to change every service, and to clean during SS
Exhaust manifold	Each event	It depends of condition	Visual check of fixation, implosion.
Exhaust catalyst	Each event	It depends of condition	Internal visual check
Exhaust silencer	Each event	It depends of condition	Internal visual check

GEARBOX

Differential ball bearing		2000	
Transmission output and input shaft ball bearings		2000	
Oil change cap ring		Each oil change	
Oil change cap	Each event	It depends of wear	Visual check about parts permed on the cap.
Control spring		2000	
Final ratio screws		Each disassembly	
Secondary geartrain screw		Each disassembly	
Differential pre load		Each disassembly	
Gearbox control and rebuilt set		Each disassembly	
Gear wheels	Each disassembly	4000	Visual check
Upshift sensor		2000	
Clutch disk	Each disassembly	800	New pads thickness 7.11mm, mini 6.30 (has to be changed)
Clutch cover	Each disassembly	1600	
Gearbox link mounting	Each event	It depends of wear	
Drive shafts	1000	2000	Sealing boots, parts oxydation.

ENGINE AND GEARBOX MOUNTINGS, GEARBOX LINK

Engine mounting on body	Each event		
Engine mounting silent block	Each event	1200	Visual check, cracks.
Engine mounting on cylinder head	Each event		
Gearbox mounting on body	Each event		
Gearbox mounting silent block	Each event	1200	Visual check, cracks.
Gearbox mounting on gearbox	Each event		
Gearbox link mounting	Each event	It depends of free play	Free play of ball joints.

SUSPENSIONS

Front shocks	Each event	800 (rebuilt)	Visual check, leaking
Front struts (bearings, joint)	600	1200 (bearings + joint)	Visual check, marks, grease.
Rear shocks	Each event	800 (rebuilt)	Visual check, leaking

FRONT AXLE

Front upright	Each event	1200	Bearing location cracks check.
Wishbone ball joint	Each event	600	Free play check, changing in case of shock.
Front upright ball joint	Each event	600	Free play check, changing in case of shock.
Wheel bearing	Each event	600	Free play check.
Steering link ball joint	Each event	600	Free play check, changing in case of shock.
Steering rack	Each event	1200	Free play check, changing in case of shock.
Front subframe	Each event	It depends of condition	Visual check,
Rear stud		4800	
Wheel nut		4800	

REAR AXLE

Wheel ball bearing	Each event	Gravel 1200	Tarmac 800	Free play check
Rear spindle	Each event			Torque check
Rear spindle screws (M8x125, x4)	Each event	Gravel 1200	Tarmac 800	Torque check
Rear arm silent block	Each event		1200	Visual check and tearings
Wheel stud			4800	
Wheel nut			4800	

BRAKES

Front pads	Each event	It depends of wear	
Front caliper	Each event	1200 (piston gasket)	
Front disc bell	Each event	It depends of condition	Pitting
Front disc bobbins	Each event	It depends of condition	Marks, pitting
Front disc bobbins screws and bolts	Each event	Each disassembly	Torque check
Principal master cylinder	Each event	4800	
Hand brake master cylinder	Each event	4800	
Rear brake regulator	Each event	4800	
Rear pads	Each event	It depends of wear	
Rear caliper	Each event	2400	

Revision 3, 2009 January the 19th.

