

MG RV8 Maintenance Schedule

Page	Action required at 6, 12 & 24 months – page refers to the relevant page in RV8 Repair Manual	Frequency at kilometres x 1,000	Frequency at miles x 1,000	Frequency at kilometres x 1,000	Frequency at miles x 1,000
		10	20	40	
		6	12	24	
		6	12	24	
3	Check engine & transmission				
	• Check for oil leaks from engine, gearbox & rear axle	✓	✓	✓	
3	Engine oil & filter				
	• Check oil level & top up				
	Every 12 months or 20,000km				
	• Replace with 5.5 litres of 10/60 (See Footnote 1)		✓	✓	
	• Replace oil filter		✓	✓	
	Refer to “Information - Capacities, Fluids & Lubricants” page 3				
4	Engine & Gearbox mountings				
	Check correct torque of:				
	• Engine mounting to bracket nuts – 25nm		✓	✓	
	• Engine mounting to body nuts – 40 nm		✓	✓	
	• Gearbox mounting to cross-member nuts –see page 2		✓	✓	
	• “Information”				
	• Gearbox mounting to cross member bolts – see page 2		✓	✓	
	• “Information”				
4	PCV hoses				
	• Check PCV hoses for splitting	✓	✓	✓	
4	PCV air intake				
	• Renew - Every 12 months or 20,000 km		✓	✓	
5	Drive belt – alternator & water pump				
	• Check drive belt & renew if necessary		✓	✓	
	• Check tension – @10kg deflection 8-10mm		✓	✓	
6	Spark Plugs				
	• Check and reset to 0.85 mm		✓	✓	
	Every 24 months or 40,000 km				
	• Replace with full set if necessary			✓	
6	Distributor, Distributor Cap, HT leads & Coil Tower				
	• Remove distributor cap & check for cracks, warping and burns. Check rotor arm for damage. Clean interior and exterior of cap. Apply 3 drops of engine oil to felt pad		✓	✓	
7	Ignition Timing				
	• Check & adjust. Refer page 7 “Maintenance”		✓	✓	

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8	Fuel System Hoses, Filters, Pipes & Unions <ul style="list-style-type: none"> Check system is free of leaks & corrosion Renew main fuel filter – <i>every 48mths or 80,000km</i> Renew auxiliary fuel filter - <i>every 48mths or 80,000km</i> Refer to page 8 “Maintenance”			✓	✓
9	Throttle cable <ul style="list-style-type: none"> Check free play 			✓	✓
9	Air Cleaner <ul style="list-style-type: none"> Inspect and clean. <i>Renew at 40,000 km if necessary</i> 				✓
9	Engine Tuning <ul style="list-style-type: none"> Check closed-loop system is operating correctly Perform oxygen sensor check & <i>renew @ 140,000km</i> (See Footnote 2) <i>Renew catalytic converters @ 160,000km</i> (See Footnote 2) 		✓	✓	✓
11	Cooling System <ul style="list-style-type: none"> Check level & top up ensuring anti-freeze mixture is correct – See Footnote 4 Check hoses & renew if necessary 			✓	✓
11	Exhaust System <ul style="list-style-type: none"> Check system for damage & signs of leakage and inspect the three hanger points 	✓	✓	✓	✓
12	Clutch <ul style="list-style-type: none"> Check operation of clutch & free movement of pedal Check clutch fluid level and maintain to “MAX” mark with Castrol Universal Dot 4 brake fluid 	✓	✓	✓	✓
12	Gearbox <ul style="list-style-type: none"> Check oil level & top up <i>Every 24 months or 40,000km</i> Drain oil and refill Refer “Information - Capacities, Fluids & Lubricants” see page 3		✓	✓	✓
13	Propeller Shaft <ul style="list-style-type: none"> Check flange bolts are tightened to correct torque @ 60nm 	✓	✓	✓	✓

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13	Rear axle <ul style="list-style-type: none">Check oil level & top up <i>Every 24 months or 40,000km</i>Drain oil and refill			✓	✓
14	Steering column, rack, joints & gaiters <ul style="list-style-type: none">Check for signs of lubricant leakageCheck gaiters are not twisted or damaged			✓	✓
15	Suspension dampers, ball joints, fixings & gaiters Front suspension <ul style="list-style-type: none">Check suspension dampers for leaks & condition of suspension bushes. Check split pins are fitted to lower wishbone pivot shaft nuts. Check wheel alignmentAdjust dampersCheck torque settings of all bolts Rear suspension <ul style="list-style-type: none">Check suspension dampers for leaks & condition of suspension bushesAdjust dampersTighten 'U' bolts to correct torque Refer "Information - Torque wrench settings" on Pages 3 & 4 and also RV8 Workshop Note 51			✓	✓
18	Road wheels & fastenings <ul style="list-style-type: none">Check condition of road wheelsCheck tyre pressures – front: 22 lbf/sq in - rear: 24 lbf/sq in			✓	✓
18	Footbrake <ul style="list-style-type: none">Check working correctly		✓	✓	✓
18	Handbrake <ul style="list-style-type: none">Check & adjust			✓	✓
19	Brake fluid <ul style="list-style-type: none">Check brake fluid level & top up to "MAX" <i>Every 36 months or 60,000km</i>Renew fluid – Castrol universal DOT 4 brake fluid		✓	✓	✓
20	Brake Hoses <ul style="list-style-type: none">Check all brake pipes & hosesRenew chafed or damaged pipes			✓	✓

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21	Front brakes – hydraulics, pads, discs & calipers <ul style="list-style-type: none"> Check lining thickness - min 6.5mm Check discs & if irregular wear skim both sides & replace discs 			✓	✓
22	Rear brakes <ul style="list-style-type: none"> Check linings – min 1.5mm Check brake drums & if irregular wear or damage skim brake drums and renew brake linings 			✓	✓
25	Body Locks, hinges and latch mechanism <ul style="list-style-type: none"> Check all working correctly & lubricate Check paintwork, body panels & underbody sealer and remedy any faults 			✓	✓
25	Screen wipers & blades <ul style="list-style-type: none"> Check that they operate correctly Damaged blades must be renewed – both sides 			✓	✓
26	Windscreen washers <ul style="list-style-type: none"> Check and top up reservoir Check working correctly and adjust with needle 			✓	✓
26	Lamps, horn & warning indicators <ul style="list-style-type: none"> Check operation of lights, indicators and horn 		✓	✓	✓
26	Battery connections <ul style="list-style-type: none"> Check that clean and dry. Smear terminals with petroleum jelly 			✓	✓
	Air conditioner <ul style="list-style-type: none"> Check refrigerant level Check compressor & all pipes and union for leaks Check clutch for smooth idle up/shut off operation Check pipes and tubes for chafing Check drain tube not blocked Wash condenser with water to remove any dirt etc. 			✓	✓
	Air conditioner <ul style="list-style-type: none"> Replace A/C filter if applicable 			✓	✓

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27	Road Test <ul style="list-style-type: none"> Check seat belts, hand brake, clutch, steering, suspension, foot brake and instruments to ensure no unusual noises and working correctly 			✓	✓

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Footnotes:

- Oil change** – Castrol RS at 10W60 or any of the many other motor oils that exceed the minimum specification of oil required for the location.
- Replacing the oxygen sensor** at 140,000km is not applicable in the UK and would only be needed when units are checked as faulty.
- Catalytic converters** do not have to be changed in the UK until they are no longer able to meet the UK exhaust emissions requirements, one of the checks in the annual MOT test.
- Routine coolant change is important** – normally after the first 3 years or 60,000 km (36,000 miles) and then every 2 years thereafter or every 40,000 km (24,000 miles).

Vehicle serviced: VIN: SARRAWBMG

Registration plate:

Date checks completed:

Checks made by:

Service completed by:

Schedule produced by John Barnes (Woodcote Green 0636) in Wellington, New Zealand