

## V8 Workshop Notes

### Index

This is a **complete Index to the whole V8 Workshop Notes series** which will enable members to look up topics and find where they have been covered in the series. The Index is regularly updated as new workshop notes are provided by members and added to the series. An **updated copy of the Index** (and the full Contents listing of the series) is maintained on the V8 Website at [www.v8register.net](http://www.v8register.net) where members can download a copy in PDF format. From time to time members may decide they want an updated set of notes so they can obtain the additional workshop notes. For full details of how to get an updated set of the notes, please visit the Online V8 Shop.

Topic	V8 Note	Vol
<b>1. ENGINE</b>		
Accelerator cable	4 202	1 5
Aldon ignition problem solved	493	13
Air box, bolts caution	53	2
Broken stud removal	533	14
Breather connection to the crankcase	517	14
Cam followers		
- how do they work?	43 73	1 3
- noisy	211 284	6 8
- noisy, possible cure	261 284	6 8
Camshaft, changing	244	6
Carburettor adapter assembly gasket?	333	10
Carburettor float sticking	477	13
Carburettor springs	431	12
Chrome nuts under bonnet	81	3
Coil, ignition cut-out switch	289	8
Connector, shroud over exhaust manifold to air cleaner	534	14
Crane, engine removal	482	13
Crankcase breather pipe	171 517	4 14
Crankshaft bush	259	6
Cylinder head gasket failure	199	5
Ballast resistance ignition	30	1
Breather pipe, crankcase	171	4
Distributor, advance fault	252 491	7 13
Distributor replacement options	365	11
Distributor vacuum pipe	416	12
Drive train, wear point	530	14
Dwell meter	240	6
Engine removal, load leveller or cradle	482	13
Engine removal, crane	482	13
Exhaust		
- corrosion tip	29	1
- twin pipes	247	7
Exhaust manifolds		
- bolts, changing	126 354	4 11
- coating exhaust systems	504	14
- connector over manifold	534	14
- Coppaslip reminder	83	3
- Coppaslip reminder again	83a	3

## Index to the whole series

- cracks on LH unit, causes	35	1
- cracking	95	3
- gaskets, manifold	290	8
- hot air tubes renewing	36 36a	1 1
- hot air tubes SS units	168	4
- sequel	66	2
- sequel	67	2
- economy tip	77	3
- manifolds	3 158 260 290 354	1 4 7 8 11
- manifold nuts, loose	467	13
- revisited	59	2
- shrouds, hot air	3	1
- stainless steel manifolds	246	6
- tubular headers	87	3
- tubular systems	87	3
- wrapping exhausts	504	14
Engine		
- mounts, wear	485	13
- removal	24 254 482	1 7 13
- spacer	57	2
- stabiliser bars	260	7
- reassembly	277	8
- rebuild options	268	7
Fuel interconnection hose	71	2
Gasket, replacement on rocker cover	424	12
Gasket, sump reinforced	509	14
Head gasket failure	199	5
Hot air tubes		
- renewing	36 36a	1 1
- stainless steel replacement	168	4
Hydraulic tappets, see cam followers		
Ignition, electronic	379 490 491 493	11 13 13 13
Ignition, Pertronix	435	12
Inlet manifold gasket		
- gasket	120	4
- heavy breathing	17	1
- interchangeability	18	1
Interchangeability of parts	45 212	1 6
Lubrication	128	4
Misfire, mysterious	328	9
Misfire, puzzling	366 490 491	13 13 13
Mountings, engine		
- check	174	4
- packing sheet tip	TET	1
- right hand mounting	11a	1
- right way round, check	174	4
- removal, engine	11	1
- wear	260 485	7 13
Oil coolers, are they needed?	463	13
Oil filter, magnetic wrap	494	13
Oil hose		

## V8 Workshop Notes

- cooler tails	51	2
- Jubilee clips, correct use	432	12
- rubbing on chassis leg	TET	1
Oil pressure relief valve	26	1
Oil pump problems		
- Priming pump	206	5
- Priming tool	430	12
- Problems	201	5
- Pump priming tip	487	13
Oil thermostat modification	418	12
Overdrive		
- control valve blocked	33	1
- missing ball	170	4
- relief valve	5	1
- similarities 1800/V8 unit	32	1
	162	4
Pertronics electronic ignition	435	12
Rebuild options, engine	268	7
Relay 6RA, burnt out	449	12
	450	13
Relay 6RA, fault	500	14
Relay, how does it work?	502	14
Removal	24	1
	254	7
	482	13
Replacement V8 engines	86	3
Rocker cover gaskets, replacement	424	12
Rocker shafts		
- cam followers	211	6
- opening up the oilways	156	4
- maintenance	23	1
	23a	1
Rolling road, tuning	400	11
	449	12
Running on	115	4
- shroud, manifold connector	534	14
Spark plug tester	183	5
Speedometer cable	49	1
Spigot bush	277	8
Stabiliser bar	260	7
Starting problems	240	6
Starter motor		
- alternative	5	--
	6	--
- armature replacement	356	11
- fault	166	4
- fault found and cured	376	11
- hot start problem cure	390	11
- part numbers	60	2
- removal	7	1
	21	7
	342	10
- replacement	251	7
- saving tip	143	4
- slow starter cure	390	11
- solenoid	7a	1
	353	11
SU needle choices	449	12
Sump drain plug		
- compressible washer	8	1
- drip tip	153	4
- magnetic plug tip	99	3
Stud, broken removal	533	14
Supercharging	131	4
Sump gasket, reinforced	509	14
Tappets, hydraulic – see cam followers		

## Index to the whole series

Thread lubricants	488	13
Throttle cable		
- caution	4	1
- clipped?	401	12
- replacements	202	5
- springs	431	12
Tickover, rising in hot weather	262	7
Timing, setting	205	5
	258	7
	511	14
Timing a V8 engine	512	14
Unleaded fuel, suitability	204	5
Vacuum advance diaphragm	34	1
Vacuum line connections	416	12
Water injection	125	4
<b>2. IGNITION SYSTEM</b>		
Ballast ignition resistance systems	30	1
Battery terminal fault	376	11
Centrifugal advance	65	2
Coil, low tension cut-out security switch	289	8
Coil, high power	379	11
Coil, hot & poor rivets	388	11
Contact breakers		
- nylon insert, threads strip	42	1
- replacement	240	6
- setting up/dwell meter	240	6
- spares	282	8
- tip 1	42	1
- tip 2	154	4
Distributor, advance fault	252	7
Distributor advance unit fault	252	6
Distributor, Lucas	317	9
Distributor, Mallory unit	316	9
Distributors for the MGBV8	282	8
Distributor replacement options	365	11
Distributor with Pertronix	441	12
Dwell meter	240	6
Dwell adjuster	154	4
	282	8
Electronic ignition systems		
- survey	10	1
- Mobelec	9	1
- Lumentition	9	1
	282	8
- Pertronix conversion	379	11
	441	12
- Pertronix queries	435	12
High tension leads	65	2
Misfire, mystery	328	9
	490	13
	491	13
	493	13
Relay, burn out	349	12
Spark plug tester	183	5
Starting gremlins	240	6
Timing		
- setting	205	5
	258	7
- strobe	205	5
- Rover 3500	258	7
Twin points	65	2
Vacuum unit, distributor	252	6
Vacuum line connections	416	12
Warning light glimmer	373	11

## V8 Workshop Notes

3. COOLING SYSTEM		
Additional cooling fans	381	11
Antifreeze	15	1
Antifreeze concerns	413	12
Additives	136	4
Bonnet louvres	246	6
Coolant	15	1
Coolant filler plug, brass replacement	264	7
	265	7
	266	7
Cooling fans		
- additional cooling fans	382	11
- blades	246	6
- iolite washer	15	1
- override switch	22	1
	22a	1
	246	6
	248	7
	249	7
	288	8
	389	11
- larger fan	16a	1
- motors	271	6
	276	8
- part numbers	61	2
- relay burn out	440	12
- replacement	271	7
- upgrade kit	451	13
- Revotec twin fan upgrade kit	451	13
Cooling improvements	246	7
	248	7
	255	7
	288	8
	293	8
	351	11
	352	11
	374	11
	375	11
	377	11
	378	11
	382	11
	388	11
	389	11
	420	12
Expansion tank		
- do not overfill!	288	8
- hose, replacement	302	9
- replacement	16	1
Fans	246	7
Filler cap	15	1
Filler cap tester	15a	1
Flushing out	288	8
Heater, additional cooling!	246	6
Heater control valve		
- Change point	Chart	5
- Converting	179	5
- Overhauling the valve	189	5
Heater hose		
- BHH1038 splits, care	274	6
- Jubilee clips, correct use	432	12
- note	15	1
- plain rubber hoses, a caution	405	12
- replacing BHH1083	386	11
Heater matrix, upgrade	256	7
Improved cooling	288	8

## Index to the whole series

Jubilee clips, correct use	432	12
Misfire, puzzling	366	13
Oil thermostat modification	418	12
Otter switch	2	1
	15	1
	248	6
Overheating	248	7
	288	8
	293	8
	303	9
	374	11
	375	11
	377	11
	378	11
	388	11
	454	13
Override switch for fans	246	6
	249	6
	288	8
	293	8
Plastic plug rot		
- brass replacement	265	6
- get home tip	266	6
- plug rot	264	6
Pressure cap replacement	454	13
Pressure system	15	1
Radiator		
- aluminium replacement	420	12
- 4 core replacement	248	7
	288	8
	293	8
	352	11
	399	11
- cap	15a	1
- cap, replacement	448	12
- high efficiency radiator	399	11
- more cores	16a	1
	246	6
- plastic plug rot	264	6
- plug, brass replacement	265	6
- pressure cap, replacement	454	13
- replacement	--	6
	420	12
- uprated unit	256	6
	399	11
Relay, burn out	400	12
	449	12
Removing badges	246	6
Replacement		
- Pressure cap replacement	454	13
- radiator	--	6
	420	12
- water pump	--	6
Rubber water hoses	--	6
Steam pipe	16	1
Sykes-Pickavent cap & cooling system tester	15a	1
SPAL cooling fans	382	11
Thermostat, modification	248	7
	288	8
Thermostat, check vent	415	11
Thermostatic switch, Otter	2	1
	15	1
	248	8
	288	8
	293	8
	352	11
	389	11
Thermostat wrinkle	334	10

## V8 Workshop Notes

Thermostat right way up!	334	10
Thread lubricants	480	13
Water hoses	6	--
	303	9
Water hose, change point	5	--
Water pump		
- dowel holes undersize	130	4
- general	--	6
- overheating	172	4
- remove & refit	1	1
- replacement	246	6
- replacement tips	429	12
- strip & repair	47	1
- thinner pump	377	11
- thread lubricant	1	1
	429	12
Water temperature gauge, change point	--	5
<b>4. FUEL SYSTEM</b>		
Accelerator cable		
- caution	4	1
- replacements	202	5
Bendix fuel pump	236	6
Carburettors		
- adapter assembly	55	2
- adapter assembly gasket?	333	10
- balancing	163	4
- balls may drop!!	101	4
- blocked vents	46	1
- dampers, topping up	387	11
- floats, replacement	507	14
- floats sticking	477	13
- HIF6 SUs	17	1
- flooding, possible cause	294	8
- interconnection tube	71	2
	90	3
	139	4
	196	5
	294	8
- needle choices for HIFs	449	12
- overflow pipe, missing	196	5
- servicing	64	2
- springs	431	12
- sticking floats	477	13
Cruise control retrofit	423	
Fuel filler cap, replacement	280	8
Fuel pump		
- alternative	236	6
- breather pipes	480	13
- dual pump conversion	380	11
- electronic fuel pump	410	12
- Jubilee clip caution	380	11
- Jubilee clips, correct use	432	12
- lay-up concern	222	6
- relocation	235	6
	237	6
	241	6
- replacement options	410	12
-cause of misfire	328	9
Lay up difficulty, fuel		
- Fuel deterioration	222	6
- Fuel pump, SU	222	6
Facet fuel pumps	410	12
Fuel tank		
- baffle plate, filling	80	3
- corrosion treatment	31	1
- Explosafe	62	2
- protecting a new tank	76	3

## Index to the whole series

- sequel	111	4
- stainless steel replacement	155	4
Fuel tank, change point	--	5
Inlet manifold		
- heavy breathing	17	1
- interchangeability	18	1
Fuel interconnection tube		
- caution/hazard	71	2
- caution again	196	5
- fire hazard	90	3
- fuel leak in engine bay	90	3
- rust prevention tip	139	4
Jubilee clips, correct use	432	12
Overflow pipe missing	196	5
Petrol		
- deterioration	222	6
	223	6
- leaded, continued availability	217	6
- lead replacement fuel	209	6
	216	6
- unleaded	204	5
	209	5
	216	6
Petrol tank		
- baffle plate, filling	80	3
- corrosion treatment	31	1
- Explosafe	62	2
- protecting a new tank	76	3
- sequel	111	4
- stainless steel replacement	155	4
SU needle choices for HIFs	449	12
Throttle cable		
- caution	4	1
- clipped?	401	12
- replacements	202	5
- springs	431	12
Unleaded fuel		
- additives	209	5
- end of leaded fuel	216	5
-		
- LRP	209	5
	216	6
- opinion, Land Rover Solihull	204	5
- use in an MGBGTV8	204	5
	209	5
<b>5. CLUTCH</b>		
Bush, lubrication	259	7
Clutch release problems	222	6
Clutch pedal, heavy cure	327	9
Lay-up difficulties	222	6
Heavy clutch pedal, cure	327	9
Master cylinder		
- changing	144	4
- repair kit	151	4
Slave cylinder		
- changing	38	1
- clevis pin wear	68	2
- repair kit	151	4
- removal	124	4
- sequel	68	2
Slipping clutch		
- splines sticking	197	5
- splines corrosion	197	5
<b>6. GEARBOX</b>		
Bushes, rubber UKC854	470	13

## V8 Workshop Notes

Bearings	165	4
Bellhousing, TVR	219	6
Borg-Warner T-5		
- options	218	6
	219	6
	220	6
- replacement	220	6
- speedometer	220	6
Bushes	165	4
Cracks, hairline in casing	439	12
Clutch release bearing	371	11
Costello 5 speed gearbox	219	6
Crunching gears, solving	471	13
Dellow Automotive box		
- Conversion kit	221	6
- Replacement option	221	6
Drive train, weak point	530	14
Final drive ratio	207	5
First gear	50	1
	161	4
Gearbox lubrication	267	7
	471	13
Gear selection problems	142	4
	470	13
	472	13
Grease an LT77 remote	474	13
Grease an R380 remote	474	13
Hairline crack in casing	439	12
Inhibitor switch	194	5
Laygear	50	1
	52	2
	165	4
Lubrication, Hypoy 90B	182	5
Lubrication additives	461	
Lubrication, R380	267	7
	471	13
LT77 substitute	52	2
	85	3
	470	13
	471	13
LT77, can I fit this box?	54	2
	100	3
LT77, repairing dust cap	499	13
Master cylinder replacement	443	12
Noise, "ziz" from gearlever	180	5
Overdrive cycling in and out	457	13
Overdrive, head up display	474	13
Overdrive, inline fuse	460	13
Overdrive on third gear	368	11
Overdrive on reminder light	474	13
Overdrive lube additives	461	13
Overdrive malfunctions	433	12
	457	13
Overdrive, restoring option on 3 <sup>rd</sup> gear	417	12
Ratios	207	5
Rebuild, contemplating?	165	4
Reconditioning specialists	322	9
Remote, grease	473	13
Replacement options	218	7
Replacement gearbox		
- Borg-Warner T-4	218	6
- Borg-Warner T-5	218	6
	219	6
- Clutch choice	219	6
- Costello 5 speed box	219	6
- Crossmember	219	6
- Dellow Autom'Ve box	221	6
- Dellow conversion kit	221	6

## Index to the whole series

- Options, replacement	218	6
- LT77 (SD1 box)	218	6
- R380	218	6
Reverse jumps out	27	1
	121	4
	279	8
R380 replacement box		
- bushes, rubber	470	13
- lubrication	267	7
	471	13
- replacement option	218	6
.- repairing dust cap bracket	499	13
- source of supply	--	6
SD1 gearbox		
- alternative gearbox	219	6
- fitting an SD1 box	188	5
	219	6
- fitting options	229	6
Shims	165	4
Stripping & rebuild	50a	1
Synchromesh balls	165	4
Welding cracked casing	439	12

### 7. PROPSHAFT

Drive train, weak point	530	14
GKN Driveline	219	6
Replacement gearbox	219	6
Universal joints	285	8

### 8. REAR AXLE

Anti-tramp bars, fitting	369	11
Breather, replacement with brass part	498	13
Breather, thread compatibility	505	14
"Clonk" from back axle	72	3
	285	8
Crown wheel & pinion	--	6
Cross pin		
- fault	72	3
- modification	98	3
- sequel	134	4
- sequel	135	4
Differential spares	150	4
Drive train, weak point	530	14
Hoyle suspension upgrade	302	9
	391	11
Independent rear upgrade	302	9
Interchangeability V8/1800	37	1
Lubrication	116	4
Modification		
- important note	98	3
- sequel	134	4
	135	4
- Syd Beer's views	159	4
- Syd Beer, reply	160	4
Options, conversions	391	11
Planet wheels		
- essential check	72	3
- modification	98	3
Propshaft UJs	285	8
Replacement CWP	--	6
Spares	150	4
	392	11
Universal joints	285	8
Upgrade kit – Hoyle Eng	302	9
	391	11

### 9. REAR SUSPENSION

## V8 Workshop Notes

Alternative shock absorbers	246	6
Anti-roll bar, rear		
- note	133	4
	245	6
- fitting	167	4
Anti-tramp bars, fitting	369	11
Breather, plastic replacement	498	13
Brost, spring treatment	442	12
Bushes, upgraded	360	11
Handling		
- improving	44	1
	167	4
- upgrade	245	6
Hoyle suspension upgrade	302	9
Hoyle experience	458	13
Independent rear upgrade	302	9
Link arm, rear shocker	230	6
Lowering a V8	133	4
Parabolic springs	442	12
Rear spring shackle caution	472	13
Rear shock absorbers		
- Bilstein	246	7
- Don Hayter's notes	246	7
- Konis	246	7
- lever arm	246	7
- link arm	230	6
- replacement alternatives	246	7
- Spax	246	7
Replacement rear springs	369	11
Ride height & bumpers	239	6
	495	13
Ron Hopkinson handling kit	245	6
Shackle, rear spring caution	472	13
Shock absorber, alternatives		
- alternatives	246	6
- performance	246	6
Spax experiences	366	11
Springs, retempering	133	4
Wheel arch dimensions	495	13
<b>10. INSURANCE</b>		
Agreed value	70	2
	242	6
Classic car insurance	70	2
	242	6
Claims, county court route	132	4
Conversions - insurance	301	9
Disclosure obligations	--	6
Limited mileage policies	242	6
Mobile phone, new law	296	8
Renewals, no grace period	318	9
Reinstatement cost	242	6
Restricted mileage policies	70	2
Security cut-out switch	19	1
	289	8
Thatcham, insurers' requ'ts	278	8
Upgrade kit – Hoyle Eng	302	9
Valuations	114	4
	242	6
V8 Conversions insurance	301	9
<b>11. STEERING</b>		
Castor angle reduction kit	340	10
Column		
- chrome bumper	78	2
- collapsible steering column	518	14
- stripping	78	2
Fire risk, horn wiring	308	9

## Index to the whole series

Grease nipples		
- handbook error	6	1
- three not two	6	1
Power steering options	438	12
Spring modifications	442	12
Steering column		
- bush renovation	238	6
- stripping	78	2
. - repair	518	14
Steering rack		
- caution	227	6
- cracked rack mounts	338	10
- bracket on cross member	227	6
- exception note	104	4
- seized mounting bolts	91	3
- strengthening gusset	339	10
Temporary steering tip	275	7
Wheel (steering) centre colour	503	14
<b>12. FRONT SUSPENSION</b>		
Anti-roll bar, front		
- uprated bar	44	1
	133	4
British Motor Heritage	245	6
Bushes, V8 metal inserts	39	1
Bushes, upgraded	360	11
Castor angle reduction	340	10
Distance tube, change point	--	5
Drop links check	454	13
Drop link failure	496	13
Drop link, replacement parts	497	13
Grease nipples		
- handbook error	6	1
- three not two nipples!	6	1
Handling improvements		
- improving	44	1
- upgrade	245	6
Hoyle suspension upgrade	302	9
Hoyle & RV8 set ups compared	393	11
Hoyle upgrade experience	459	13
King pins		
- distance tube	40	1
- replacing	146	4
- refurbishing	146	4
Lowering a V8	133	4
Moss Dynamic Suspension System	245	6
Performance Suspension System, BMHE	245	6
Ride height & bumpers	239	6
	495	13
Reconditioned shockers	257	7
RV8 drop link replacement	454	13
	496	13
	497	13
RV8 front suspension	245	6
RV8 front suspension: warning with V8 wheel nuts	414	12
RV8 kit compared with a Hoyle set up	393	11
Shock absorbers		
- remove & refit	44	1
- replacements	257	6
- reconditioned quality	257	7
Soft front suspension	286	8
Spax, telescopic		
- conversion	175	4

## V8 Workshop Notes

- telescopics	257	6
Steering rack mounts		
- cracked mounts	338	10
- strengthening gusset	339	10
Track rods ends, releasing	137	4
Upgrade kit – Hoyle Eng	302	9
	391	11
Wheel arch dimensions	495	13
<b>13. BRAKES</b>		
Adjuster, fault rear	427	12
Anti squeal kit	215	6
	529	14
Brake calliper	215	6
Brake fluid, which one?	398	11
Brakes pulling	181	5
Brake shims	215	6
Brake servo failures		
- air valve piston leaks	228	6
- brackets for servo	426	12
- cracked vacuum piston	228	6
- failures, important notes	12	1
	228	6
- low brake fluid sensor	331	10
- LBFS detailed fitting guide	332	10
- overhaul kit	56	2
- seal failure	228	6
- servicing summary	56	2
- sequel	94	3
	113	4
- vacuum hose	12a	1
Brake squeal cure (front)	312	9
Cementite explained	335	10
Compensating lever	118	4
Discs		
- cooling	41	1
- drilled	41	1
- warn discs	181	5
Front brake callipers		
- anti-squeal kit	215	6
- overhaul	96	3
- squeal	215	6
	312	9
- upgrade	355	11
Front hose, change point	--	5
Glycol brake fluid choice	398	11
Handbrake, compensating lever	118	4
Handbrake fault, solving	383	11
Hydraulic pipe replacement	75	3
Master cylinder, change	144	4
	210	5
Front pads, replacements	335	10
Pulling brakes	181	5
Rear brake adjuster, faulty replacement	427	12
Servo		
- air valve piston leak	228	6
- brake servos & systems	395	11
- cracked vacuum piston	228	6
- failures, important notes	12	1
	228	6
	341	10
- low brake fluid sensor	331	10
- overhaul kit	56	2
- replacement	228	6
- seal failure	228	6
	395	11
- servicing summary	56	2

## Index to the whole series

- sequel	94	3
	113	4
- vacuum hose	12a	1
Shoes, Mintex	151	4
Silicone brake fluid	228	6
	228A	6
	228B	6
	398	11
Slave cylinder		
- rear	151	4
- repair kit	151	4
Squeal, solving	529	14
<b>14. ELECTRICAL EQUIPMENT</b>		
Alternator problems		
- AC Delco	18	1
	28	1
- alternative alternators	177	5
	184	5
- alternator connector block	203	5
- bolt tightening sequence	92	3
- Bosch alternative	177	5
- connector block	203	5
- Lucas alternative	74	3
	74a	3
- malfunction	28a	1
- more on alternatives	184	5
- parts breakdown	74a	3
	169	4
- problems	176	5
- pulley retaining nut	176	5
- replacement	285	8
- rectifier terminal fault	298	8
- alternator, solving a problem	510	14
- uprated alternator	527	14
Armature, replacing on starter motor	356	11
Battery		
- alternative battery	105	4
- caution	250	6
- cold cranking current	250	6
- cold start performance	250	6
- conditioner	213	6
	346	10
	513	14
- current rating	250	6
- deterioration, lay-up	222	6
- filler bottle	225	6
- fitting an 065 12V battery	364	11
- height caution	240	6
- increased battery capacity	363	11
- lifters	224	6
	225	6
- management unit	213	6
- ratings	250	7
- replacing two 6v with a 12v	250	7
	329	9
	364	11
- using two 12 v in parallel	330	9
	357	11
- revival	63	2
- securing your batteries	185	5
- terminals, faulty	240	6
- terminal cracked	376	11
- "top hat" connectors	240	6
	329	9
- Varta's website	250	6
- vital check	185	5

## V8 Workshop Notes

Battery lifters		
- Snap-On Tools	224	6
- International Tool Co	224	6
Bulb, LED replacement	475	13
	484	13
Bullet connector fault	384	11
Caution, terminal <b>clearance</b>	240	6
Central locking, retrofit kit	422	12
Clips, wiring loom support	466	13
Coil, low tension cut-out switch	19	1
	289	8
Cooling fans		
- Brushes, replacement	361	11
- Fault	384	11
- Oilite washer	15	1
- override switch	22	1
	22a	1
- part numbers	61	2
- Revotec twin fan upgrade	451	13
- upgrade kit, twin fan	451	13
Cigar lighter, replacement	127	4
Cowling, steering column	212	6
Cruise control, retrofit	423	12
DRLs	483	13
Daytime running lights	483	13
Door jamb switch	272	7
Daytime driving lights	476	13
Fuel pump, problems		
- alternative pumps	236	6
- Bendix, replacement	236	6
- corrosion, vent piping	480	13
- problems, lay up concerns	222	6
- relocation	235	6
	237	6
	241	6
- cause of misfire	328	9
- vents, plastic tubing	480	13
Fuse box fault	336	10
	462	13
Fuse box, faulty terminal	336	10
Indicators, fault	384	11
Hazard light switch fault	384	11
Headlamps upgrade		
- upgrade	324	9
- Cibie replacement units	348	10
Heated rear window switch, change point	Chart	5
Heated rear window fault	384	11
Horn bracket - alternative part	365	13
Horn fault	307	9
Horn contact repair	385	11
Horn replacement	469	13
Horn wiring, fire risk	308	9
Indicator, stubborn stalks cure	514	14
Lay-up difficulties		
- batteries	222	6
LED replacement bulbs	475	13
Lighting history/terminology	326	9
"Lights on" alarm	323	9
	411	12
Locks, central locking retrofit	422	12
Oil temperature gauge take off, change point	5	--
Overdrive stalk switch repair		
	408	12
Tailgate, internal light &		

## Index to the whole series

switch	273	7
Top hat connectors		
- access panel clearance	240	6
- battery terminals	240	6
	329	9
Rear plate lights, change point	Chart	5
Relay 6RA, fault	500	14
Relay, how does it work?	502	14
Rear wash/wipe installation	112	4
Replacement starter motor		
- Standard starter motor	6	--
- Nippon Denzo	Chart	6
Reverse lamp switch	194	5
Sealed beam upgrade	324	9
	353	11
Stalk switch, steering column	212	6
	514	14
Starter motor		
- fault, does not turn over	528	14
- remove & replace	7	1
	21	1
	353	11
- relay, change point	Chart	5
- replacement	18	1
	Chart	6
- replacing armature	356	11
- solenoid	7a	1
SU fuel pump, problems	222	6
	480	13
Tailgate lamp	273	6
Tow bar wiring	117	4
Thatcham immobilisers	278	8
Turn indicators fault	384	11
Water pump, electric	288	8
	293	8
Windscreen washer pump, change point	Chart	5
Windscreen wiper motor	82	3
Wiper blades		
- replacement Bosch	198	5
- replacements	198	5
Windscreen wiper box, change point	Chart	5
Wiring colour codes	397	11
Wiring faults	384	11
Wiring loom clips	466	13
<b>15. WHEELS &amp; TYRES</b>		
Alloy & steel wheels		
- renovating	20	1
- rivets, airtight	20a	1
Balancing, wheel nuts tip	291	8
	453	13
Cones, wheel centres	20b	1
Dunlop wheels		
-Black paint for wheels	525	14
- refurbishment	89	3
	195	5
- renovating	20	1
- rivets, airtight	20a	1
IMS, tyre sealant kit	247	7
Leaky V8 wheels	370	11
Nuts, chrome wheel nuts		
- conical seating slave nuts	291	8
- protecting	138	4
	291	8
	453	13



## V8 Workshop Notes

- rusting, solving	283	8
- slave nuts, BHH1087	291	8
	453	13
- warning with RV8 front suspension upgrade	414	12
Metal labels, caution	396	11
Pressures for modern tyres	419	12
Renovation of V8 wheels	195	5
	297	8
Replacement V8 wheels	Chart	6
Space saver wheel & tyre	344	10
	407	12
Tape for leaky wheels	370	11
Tyres		
- age replacement	269	6
- aspect ratio	187	5
- Goodyear Grand Prix	270	6
- Goodyear NCT	292	8
- Goodyear G800	270	6
- IMS, instant mobility systems or sealant	247	7
- original equipment	270	6
- pressures, modern tyres	419	12
- problems with tyres	396	11
- rolling radius	187	5
- replacements	269	6
- sealant, foam/mousse	247	7
	402	12
- sizes	187	5
	478	13
- space saver tyre	344	10
- spacesaver critical view	407	12
- supplier, recommended	292	8
Tyres, original equipment	270	7
V8 road wheels	Chart	6
Vibration cure	25	1
Wheel nuts		
- avoiding damage, V8 nuts	291	8
- Wall Drive Socket	291	8
- conical seating nuts	291	8
- locking nuts	492	13
- warning: V8 nuts on RV8	453	13
- warning: V8 nuts on RV8 front suspension upgrade	414	12
Wheel, space saver	344	10
<b>16. BODY</b>		
Air dam	288	8
Air intake mesh	243	6
Air vent chamber drain tube	452	13
Badge		
- BGT change	Chart	5
- doublesided tape	345	10
- grille badge illumination	455	13
- original V8 Register badge fixing	129	4
- location, N/S wing badges	253	7
- small V8 Register grille badge fixing	229	6
- MG badge colour on a V8 chrome bumper grille	508	14
- V8 badge location	253	7
	506	14
- tailgate V8 badge, curved	515	14
Body care		
- bulkhead shelf refurb	394	11
- cleaning to concours standard	516	14

## Index to the whole series

- corrosion, underbody	103	4
- underbody protection	200	5
- front wings	14a	1
- rust	14	1
Body colours	Chart	6
	313	9
Bodyshell, change point	Chart	5
Bonnet		
- bonnet blowing up risk	444	12
- bonnet catch modification	444	12
	447	12
- hinge alingment	226	6
- lock caution/risk	436	12
- louvres	149	4
- broken release catch	325	9
- maintenance, essential	446	12
- wiring loom damage	466	13
Boot, space saver wheel	344	10
Bosch wiper blade	198	5
Bulkhead shelf refurb	394	11
Bumpers, ride height	239	6
Bumper armatures, change point	Chart	5
C post		
- liner clip	208	5
- trim change point	Chart	5
Club badge		
- fitting	193	5
- plinth	193	5
Colours, body & underside	526	14
Concours, cleaning	516	14
Damp garages		
- desk top fan moves air	200	5
- Protection against damp	200	5
- Damp during winter	200a	5
Door jamb switch	272	7
Door mirror, change points	Chart	5
Drain tubes, cleaning	164	4
Front bumper, ride height	239	6
Filler cap, replacement	280	8
Fresh air vent chamber drain	164	4
	452	13
Front wheel arch panel	13	1
Front wings		
- fitting new wings	84	3
- remove & refit	15	1
	48	1
Grille badge illumination	455	13
Hinge alingnm't, bonnet	226	6
Hood (on a Roadster)		
- cleaning coffee stains	232	6
- refurbishment	233	6
- rear window, scratches	233	6
- Renovo products	233	6
- Renovo rear screen polish works!	406	12
- soft top proofing	233	6
Inner door seal screws	263	7
Inner wing, change point	Chart	5
Intake mesh, fitting	243	6
Locks, rubber washers	106	4
Louvres in the bonnet	149	4
Luggage platform gas strut	524	14
Luggage rack options	425	12
Number plates, replacement	372	11
Wrong plates, avoid a fine	481	13
Paint codes	404	12
Paint, touch up sources	531	14
Petrol tank, rust check	14a	1

## V8 Workshop Notes

Protection against damp	200	5
Quarter light seal replacement	519	14
Rear plastic window, cleaning	232	6
Renovo product range	233	6
Rust		
- body care	14	1
	15	1
- prevention tip	58	2
Rear bumper, ride height	239	6
Rear fog lights, fitting	110	4
Rear was/wipe installation	112	4
Registration plates, correct	481	13
Rubber lock washers	106	4
Seams, rear body panels	445	12
Sebring panels	239	6
Splashguards, front wheel arch	13	1
Spoiler, front		
- air dam	288	8
- fitting	44	1
	157	4
- LE spoiler	109	4
- sequel	119	4
Spoiler, rear (LE spoiler)	109	4
Tailgate, internal light & switch	273	7
Tailgate stay assembly, spring	479	13
"Ted's knob", tip	164	4
	452	13
	522	14
	523	14
Trim colours	Chart	6
Touch up paint codes	404	12
Touch up paint sources	531	14
Under bonnet felt	123	4
	403	12
V8 badges, theft/replacing	TET	1
V8 badge, curved on tailgate	515	14
Waxoyl		
- treatment	47	4
	147	4
	148	4
Webasto blow out	287	8
Webasto refurbishment	358	11
Window, quarter light seal	519	14
Wind noise, curing	180	5
Windscreen		
- inserts, chrome	173	4
- replacement	173	4
- replacement service	315	9
Windscreen removal	349	10
Windscreen seal replacement (Roadster)	519	14
Windstop	321	9
Wiper blades		
- Bosch replacement	198	5
- replacement	198	5
<b>17. SERVICE TOOLS</b>		
Adapter for 1800/V8	192	5
Battery filler bottle	225	6
Battery lifter		
- Snap-On Tools	224	6
- International Tools Co	225	6
Churchill tools for V8	192	5
Clutch centraliser	102	5

## Index to the whole series

Crankshaft rear oil sealer protection sleeve	192	5
Engine sling	192	5
Exhaust valve guide		
- remover	192	5
- replacer	192	5
Gudgeon pin remover	192	5
Hydraulic ramp - Auten	304	9
Socket spanner	192	5
Valve guide distance piece	192	5
Valve spring compressor	192	5
Windscreen, chrome trim tool	421	12
<b>18. VARIOUS</b>		
Anti-theft device		
- device	19	1
- secret switch	289	8
Adhesives for the car	108	4
Badge		
- mounting	129	4
- V8 Register grille badge	229	6
Battery lifter or carrier	224	6
	225	6
Bayford Thrust	217	6
Belgium, registering an MGBV8	412	12
Buying guide	310	9
	311	9
	314	9
Car Number identity	Diag	6
Dehumidifier, Winter storage		
	346	10
DVLA V88 procedure	521	14
	532	14
Dwell meter	240	6
Fire extinguishers	186	5
	231	6
France, new speed laws	234	6
France, registering an MGV8	295	8
Germany		
- increased V8 interest	305	9
- historic classification	305	9
Handling		
- improvements	44	1
	167	4
- upgrade	245	6
- Upgrade Hoyle kits	302	9
Interchangeability of parts	45	1
	212	6
Lay-up an MGBGTV8	122	4
	222	6
	346	10
Luggage, fitted for an MGV8	434	12
Luggage rack options	425	12
Maintenance locations	Diag	6
Mobile phone, new UK law	296	8
Le Mans		
- circuit map	214	6
- planning a trip	214	6
- town map	214	6
Petrol		
- Leaded fuel availability	217	6
- Leaded fuel supplier	217	6
- Lead replacement fuel	216	6
- Unleaded fuel, advice	216	6
Petrol deterioration during a lay-up	222	6
Production, V8 at Abingdon	300	9

## V8 Workshop Notes

Radar detectors	214	6
- general	214	6
- no detectors in France!	234	6
- Valentine One	299	8
Rear window, chrome trim tool	421	12
Registering an MGBV8 in Belgium	412	12
Registering an MGBGTV8 in France	295	8
	308	9
Spares when touring abroad	382	11
Speed laws in France	234	6
Steering wheel locks		
- Disklock	289	8
- general	289	8
- Yellow Autolock	289	8
Thatcham immobilisers	278	8
Thread lubricants	488	13
Torch for toolkit	223	6
Underbonnet sound deadening	123	4
Under bonnet felt cut outs	403	12
V8 front suspension	245	6
V8 Register grille badge	229	6
V8 Roadster conversion	319	7
V8 grille badge & plinth	193	5
VIN identification	Chart	6
Windscreen removal	349	10
Windscreen, chrome trim tool	421	12
Wind noise, cures	180	5
Windstop	321	9
<b>19. INTERIOR</b>		
Anti-theft		
- Eagle Claw	289	8
- device	19	1
- Dicklock	289	8
- secret switch	289	8
- Yellow Autolock	289	8
Air-conditioning background	140	4
Aircon installation in a V8	458	13
Children in an MGBGTV8		
- head restraints	191	5
- seat harness	191	5
Courtesy lamp upgrade	437	12
Courtesy lamp, rear	151	4
Dashboard, walnut kits	362	11
Disklock	289	8
Dog guard, fitting	79	3
Door seal retainer strip	263	6
Door waist rail capping, change points	Chart	5
Eagle Claw, steering lock	289	8
Fire extinguishers		
- detailed note	231	6
- locating	186	5
- types	186	5
	231	6
Fire risk, horn wiring	308	9
Gaiter, gear lever	337	10
Gear lever gaiter, leather	337	10
Gaiter tray, walnut	362	11
Goggles, protecting sock	428	12
Handbrake, change point	Chart	5
Hands free kits, mobile		

## Index to the whole series

phone	296	8
Head restraints, children	191	5
Head restraint rollers, change point	Chart	5
Heater control cable	Chart	5
Heater control valve		
- adapting an 1800 unit for a V8	179	5
- overhauling	189	5
Heater, uprated unit	10	343
Horn fault	307	9
"Lights on" alarm	323	9
Luggage, fitted for an MGV8	434	12
Mobile phone hands free kits	296	8
	428	12
Oil can label tip	428	12
Overdrive "on" head up display	474	474
Platform, rear modification	178	5
Radio, iPod ICE modification	347	10
Rear courtesy lamp	151	4
Rear luggage panel	178	5
Rear seat squab, change point	Chart	5
Seat belt, wear danger	468	13
Seats sagging, reviving	190	5
Seats, refurbishing	409	12
Seat, upgrade	415	12
Speedometer		
- cable	49	1
- repair, specialist	367	11
.- replacement speedo	520	14
- sequel	102	4
Steering wheel, centre colour	503	14
Sun visor, change point	Chart	5
Temperature gauge		
- tip	141	4
- relocating	281	8
Trim colours	313	9
Walnut trim, fitting kits	362	11
Windblock design	306	9
Yellow Autolock	289	8
Voltmeter, adding	281	8

The Index is maintained by Victor Smith (Harvest Gold 1089) and covers the whole of the V8 Workshop Notes series.