

MOT SPECIAL NOTICE



Vehicle & Operator Services Agency

Issue Number

4-2003 (Version 2)

Issue Date

July 2003

All Authorised Examiners and Designated Councils in Classes :

Class IV, V & VII

The last Special Notice issued was

3- 2003 All Classes

CONTENTS OF SPECIAL NOTICE

Note: Due to a printing error with the original Annex A Supplied with SN 4-2003 (Version 1), Annex A has been reprinted and SN4-2003 (Version 2) produced. This now supersedes any previous issue – Please therefore destroy SN 4-2003 (Version 1) and the Annex A that it contained.

Item	Page	Subject	Relevant to
1	1	Update to the 'In Service Exhaust Emission Standards for Road Vehicles' book, Ninth Edition.	AEs DCs & NTs Class IV, V & VII
1	Annex A	Updated Emission Data.	AEs DCs & NTs Class IV, V & VII

Item 1 Update to the In Service Exhaust Emission Standards.

The 'In Service Exhaust Emission Standards for Road Vehicles' Ninth Edition that was supplied with Special Notice 3-2003 contains some printing errors in Section 1, on pages 41 to 61 inclusive, where the data for a particular model is displaced up by one row.

These data errors effect the following manufacturers.

- MCC Smart.
- Mercedes Benz.
- MG Rover Group.
- Mini.
- Mitsubishi.
- Morgan.

Please find enclosed Annex A, which includes the correctly aligned data for these manufacturers.

For the manufactures listed above, where you would refer to the In Service Exhaust Emission Book 'Section 1' you will need to refer to the Annex A included with this Special Notice.

Please keep Annex A of this special Notice with your 'In Service Exhaust Emission Standards for Road Vehicles' book, Ninth Edition.

Steve Tonks

Head of MOT Compliance and Computerisation

All Nominated Testers should sign below to confirm that they have read and understood the contents of this Special Notice relevant to NTs for the classes they test. AEs must keep a copy of the signed SN on their records.

a b c d e f

Normal Idle Speed

Min Limit (RPM) Max Limit (RPM)

Fast Idle Speed

Min Lambda Max Lambda

Fast - Max HC Limit

Max CO Limit (%Vol)

Min Limit (RPM) Max Limit (RPM)

Fast - Max Limit (RPM) Min Oil Temp (°C)

Manufacturer / Marque	a	b	c	d	e	f
MCC Smart						
SM6 = Semi-Manual 6 Speed, A6 = Automatic 6 Speed.						
Smart and Pure City Coupé SM6	0.5	650	800	1.03	2200	2800 80
Smart and Pure City Coupé A6	0.5	650	800	1.03	2200	2800 80
Smart and Pulse City Coupé SM6	0.5	650	800	1.03	2200	2800 80
Smart and Pulse City Coupé A6	0.5	650	800	1.03	2200	2800 80
Smart and Passion City Coupé SM6	0.5	650	800	1.03	2200	2800 80
Smart and Passion City Coupé A6	0.5	650	800	1.03	2200	2800 80
Smart and Pulse Cabriolet Manual & Auto	0.5	650	800	1.03	2200	2800 80
Smart and Passion Cabriolet Manual & Auto	0.5	650	800	1.03	2200	2800 80
Smart Crossblade Auto	0.5	650	800	1.03	2200	2800 80
Smart City Cabrio Pulse Auto	0.5	650	800	1.03	2200	2800 80
Smart Crossblade SM6	0.5	650	800	1.03	2200	2800 80
Smart City Cabrio Pulse SM6	0.5	650	800	1.03	2200	2800 80

MERCEDES BENZ

The VIN Code consists of digits 4 to 9 of the VIN number.

A4 = Automatic 4-speed, A5 = Automatic 5-speed, M5 = Manual 5-speed,

SM5 = Semi-Manual 5-speed, M5/s = Manual 5 speed with sports gearbox,

K = Kompressor, SWB = Short Wheel Base, LWB = Long Wheel Base

A-Class (168)

A140 Classic M5 Hatchback VIN Code 168031	0.5	800	950	1.03	2200	2800 80
A140 Elegance M5 Hatchback VIN Code 168031	0.5	800	950	1.03	2200	2800 80
A140 Avantgarde M5 Hatchback VIN Code 168031	0.5	800	950	1.03	2200	2800 80
A140 Classic SM5 Hatchback VIN Code 168031	0.5	800	950	1.03	2200	2800 80
A140 Elegance SM5 Hatchback VIN Code 168031	0.5	800	950	1.03	2200	2800 80
A140 Avantgarde SM5 Hatchback VIN Code 168031	0.5	610	760	1.03	2200	2800 80
A140 Classic A5 Hatchback VIN Code 168031	0.5	610	760	1.03	2200	2800 80
A140 Elegance A5 Hatchback VIN Code 168031	0.5	610	760	1.03	2200	2800 80
A140 Avantgarde A5 Hatchback VIN Code 168031	0.5	610	760	1.03	2200	2800 80
A160 Classic M5 Hatchback VIN Code 168033	0.5	800	950	1.03	2200	2800 80
A160 Elegance M5 Hatchback VIN Code 168033	0.5	800	950	1.03	2200	2800 80
A160 Avantgarde M5 Hatchback VIN Code 168033	0.5	800	950	1.03	2200	2800 80
A160 Classic SM5 Hatchback VIN Code 168033	0.5	800	950	1.03	2200	2800 80
A160 Elegance SM5 Hatchback VIN Code 168033	0.5	800	950	1.03	2200	2800 80

1	2		3		4		
	a	b	c	d	e	f	
Manufacturer / Marque	Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Normal Idle Speed Max Limit (RPM)	Fast Idle Speed Min Lambda	Fast Idle Speed Max Lambda	Fast - Max HC Limit	Fast - Min Oil Temp (°C)
A160 Avantgarde SM5 Hatchback VIN Code 168033	0.5	800	950	0.97	1.03	200	80
A160 Classic A5 Hatchback VIN Code 168033	0.5	610	760	0.97	1.03	200	80
A160 Elegance A5 Hatchback VIN Code 168033	0.5	610	760	0.97	1.03	200	80
A160 Avantgarde A5 Hatchback VIN Code 168033	0.5	610	760	0.97	1.03	200	80
A190 Elegance M5/s Hatchback VIN Code 168032	0.5	800	900	0.97	1.03	200	80
A190 Avantgarde M5/s Hatchback VIN Code 168032	0.5	800	950	0.97	1.03	200	80
A190 Elegance SM5 Hatchback VIN Code 168032	0.5	800	950	0.97	1.03	200	80
A190 Avantgarde SM5 Hatchback VIN Code 168032	0.5	800	950	0.97	1.03	200	80
A190 Elegance A5 Hatchback VIN Code 168032	0.5	800	950	0.97	1.03	200	80
A190 Avantgarde A5 Hatchback VIN Code 168032	0.5	800	950	0.97	1.03	200	80
A-Class (W168)							
A210 Evolution Manual VIN Code 168035	0.5	800	950	0.97	1.03	200	80
A210 Evolution Automatic VIN Code 168035	0.5	800	950	0.97	1.03	200	80
A210 Evolution LWB Manual VIN Code 168135	0.5	800	950	0.97	1.03	200	80
A210 Evolution LWB Automatic VIN Code 168135	0.5	800	950	0.97	1.03	200	80
C-Class Saloon (202)							
C180 Saloon A4 VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C180 Classic M5 Saloon VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C180 Esprit M5 Saloon VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C180 Elegance M5 Saloon VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C180 Sport M5 Saloon VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C180 Classic A5 Saloon VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C180 Esprit A5 Saloon VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C180 Elegance A5 Saloon VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C180 Sport A5 Saloon VIN Code 202018	0.5	750	850	0.97	1.03	200	80
C200 Saloon A4 VIN Code 202020	0.5	700	800	0.97	1.03	200	80
C200 Classic M5 Saloon VIN Code 202020	0.5	700	800	0.97	1.03	200	80
C200 Esprit M5 Saloon VIN Code 202020	0.5	700	800	0.97	1.03	200	80
C200 Elegance M5 Saloon VIN Code 202020	0.5	700	800	0.97	1.03	200	80
C200 Sport M5 Saloon VIN Code 202020	0.5	700	800	0.97	1.03	200	80
C200 Classic A5 Saloon VIN Code 202020	0.5	700	800	0.97	1.03	200	80
C200 Esprit A5 Saloon VIN Code 202020	0.5	700	800	0.97	1.03	200	80
C200 Elegance A5 Saloon VIN Code 202020	0.5	700	800	0.97	1.03	200	80
C200 Sport A5 Saloon VIN Code 202020	0.5	700	800	0.97	1.03	200	80

Manufacturer / Marque	a		b		c		d		e		f	
	Max CO Limit (% Vol)	Min Limit (RPM)	Max CO Limit (%Vol)	Fast - Max HC Limit	Min Lambda	Max Lambda	Min Lambda	Max Lambda	Min Limit (RPM)	Fast - Max Limit (RPM)	Min Oil Temp (°C)	Min Limit Temp (°C)
C240 Sport A5 Estate VIN Code 202086	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C280 Classic A5 Estate VIN Code 202089	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C280 Esprit A5 Estate VIN Code 202089	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C280 Elegance A5 Estate VIN Code 202089	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C280 Sport A5 Estate VIN Code 202089	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C43 AMG A5 Estate VIN Code 202093	0.5	600	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
New C-Class Estate (203)												
C180 M6 VIN Code 203235	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C180 A5 VIN Code 203235	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200K M6 VIN Code 203245	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200K SM/6 VIN Code 203245	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200K A5 VIN Code 203245	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C240 M6 VIN Code 203261	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C240 A5 VIN Code 203261	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C320 A5 VIN Code 203264	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C32 AMS A5 VIN Code 203265	0.5	650	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C-Class Coupé (203)												
C180 Manual VIN Code 203746	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C180 Automatic VIN Code 203746	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C180 Evolution Panorama Manual VIN Code 203746	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C180 Evolution Panorama Automatic VIN Code 203746	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200 Kompressor Manual VIN Code 203742	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200 Kompressor Semi Automatic VIN Code 203742	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200 Kompressor Automatic VIN Code 203742	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200K Evolution Panorama Manual VIN Code 203742	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200K Evolution Panorama Semi Automatic VIN Code 203742	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C200K Evolution Panorama Automatic VIN Code 203742	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C230 Kompressor Manual VIN Code 203747	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C230 Kompressor Semi Automatic VIN Code 203747	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C230 Kompressor Automatic VIN Code 203747	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C230K Evolution Panorama Manual VIN Code 203747	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C230K Evolution Panorama Semi Automatic VIN Code 203747	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80
C230K Evolution Panorama Automatic VIN Code 203747	0.5	700	0.3	200	0.97	1.03	0.97	1.03	2200	2800	80	80

1	2		3		4		
	a	b	c	d	e	f	
Manufacturer / Marque	Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Normal Idle Speed Max Limit (RPM)	Fast Idle Speed Min Lambda	Fast Idle Speed Max Lambda	Fast - Max HC Limit	Fast - Min Oil Max Limit Temp (°C)
E200 A4 Saloon VIN Code 124019	0.5	700	800	0.97	1.03	200	2800
E200 M5 Saloon VIN Code 124019	0.5	700	800	0.97	1.03	200	2800
E220 A4 Cabrio VIN Code 124062	0.5	700	800	0.97	1.03	200	2800
E220 M5 Cabrio VIN Code 124062	0.5	700	800	0.97	1.03	200	2800
E220 A4 Coupé VIN Code 124042	0.5	700	800	0.97	1.03	200	2800
E220 M5 Coupé VIN Code 124042	0.5	700	800	0.97	1.03	200	2800
E220 A4 Estate VIN Code 124082	0.5	700	800	0.97	1.03	200	2800
E220 M5 Estate VIN Code 124082	0.5	700	800	0.97	1.03	200	2800
E220 A4 Saloon VIN Code 124022	0.5	700	800	0.97	1.03	200	2800
E220 M5 Saloon VIN Code 124022	0.5	700	800	0.97	1.03	200	2800
E280 A4 Estate VIN Code 124088	0.5	650	800	0.97	1.03	200	2800
E280 A5 Estate VIN Code 124088	0.5	650	800	0.97	1.03	200	2800
E280 M5 Estate VIN Code 124088	0.5	650	800	0.97	1.03	200	2800
E280 A4 Saloon VIN Code 124028	0.5	650	800	0.97	1.03	200	2800
E280 A5 Saloon VIN Code 124028	0.5	650	800	0.97	1.03	200	2800
E280 M5 Saloon VIN Code 124028	0.5	650	800	0.97	1.03	200	2800
E320 A4 Cabrio VIN Code 124066	0.5	650	800	0.97	1.03	200	2800
E320 A5 Cabrio VIN Code 124066	0.5	650	800	0.97	1.03	200	2800
E320 M5 Cabrio VIN Code 124066	0.5	650	800	0.97	1.03	200	2800
E320 A4 Coupé VIN Code 124052	0.5	650	800	0.97	1.03	200	2800
E320 A5 Coupé VIN Code 124052	0.5	650	800	0.97	1.03	200	2800
E320 A4 Estate VIN Code 124082	0.5	650	800	0.97	1.03	200	2800
E320 A5 Estate VIN Code 124082	0.5	650	800	0.97	1.03	200	2800
E320 M5 Estate VIN Code 124092	0.5	650	800	0.97	1.03	200	2800
E320 M5 Coupé VIN Code 124052	0.5	650	800	0.97	1.03	200	2800
E320 A4 Saloon VIN Code 124032	0.5	650	800	0.97	1.03	200	2800
E320 A5 Saloon VIN Code 124032	0.5	650	800	0.97	1.03	200	2800
E320 M5 Saloon VIN Code 124032	0.5	650	800	0.97	1.03	200	2800
E36 AMG A4 Cabrio VIN Code 124066	0.5	650	800	0.97	1.03	200	2800
E36 AMG A4 Coupé VIN Code 124052	0.5	650	800	0.97	1.03	200	2800
E36 AMG A4 Estate VIN Code 124032	0.5	650	800	0.97	1.03	200	2800
E36 AMG A4 Saloon VIN Code 124032	0.5	650	800	0.97	1.03	200	2800
E500 A4 Saloon VIN Code 124036	0.5	600	750	0.97	1.03	200	2800

Manufacturer / Marque	a		b		c		a		b		c		d		e		f	
	Max CO Limit (% Vol)	Min Limit (RPM)	Normal Idle Speed Max Limit (RPM)	Max CO Limit (%Vol)	Fast - Max HC Limit	Min Lambda	Fast Idle Speed Min Lambda	Max CO Limit (%Vol)	Fast - Max HC Limit	Min Lambda	Fast Idle Speed Max Lambda	Min Limit (RPM)	Max Limit (RPM)	Fast - Max Limit (RPM)	Min Oil Temp (°C)			
E-Class Saloon (210)																		
E200 Classic M5 Saloon VIN Code 210035	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 Elegance M5 Saloon VIN Code 210035	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 Avantgarde M5 Saloon VIN Code 210035	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 Classic A5 Saloon VIN Code 210035	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 Elegance A5 Saloon VIN Code 210035	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 Avantgarde A5 Saloon VIN Code 210035	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E230 M5 Saloon VIN Code 210037	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E230 A4 Saloon VIN Code 210037	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E230 A5 Saloon VIN Code 210037	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E240 Classic A5 Saloon VIN Code 210061	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E240 Elegance A5 Saloon VIN Code 210061	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E240 Avantgarde A5 Saloon VIN Code 210061	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E280 Classic A5 Saloon VIN Code 210063	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E280 Elegance A5 Saloon VIN Code 210063	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E280 Avantgarde A5 Saloon VIN Code 210063	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E280 Avantgarde A5 Saloon VIN Code 210063	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E320 Classic A5 Saloon VIN Code 210065	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E320 Elegance A5 Saloon VIN Code 210065	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E320 Avantgarde A5 Saloon VIN Code 210065	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E430 Elegance A5 Saloon VIN Code 210070	0.5	600	750	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E430 Avantgarde A5 Saloon VIN Code 210070	0.5	600	750	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E55 AMG A5 Saloon VIN Code 210074	0.5	600	750	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 M6 Kompressor Saloon VIN Code 210048	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 A5 Kompressor Saloon VIN Code 210048	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E240 M6 Saloon VIN Code 210062	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E240 A5 Saloon VIN Code 210062	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E280 M6 Saloon VIN Code 210063	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E280 A5 Saloon VIN Code 210063	0.5	650	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E430 A5 Saloon VIN Code 210070	0.5	600	750	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E55 AMG A5 Saloon VIN Code 210074	0.5	600	750	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E-Class Estate (210)																		
E200 Estate A4 VIN Code 210235	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 Classic M5 Estate VIN Code 210235	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			
E200 Elegance M5 Estate VIN Code 210235	0.5	700	800	0.3	200	0.97	1.03	0.3	200	0.97	1.03	2200	2800	2800	80			

Manufacturer / Marque	a		b		c		d		e		f	
	Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Normal Idle Speed Max Limit (RPM)	Max CO Limit (%Vol)	Fast - Max HC Limit	Fast Idle Speed Min Lambda	Fast Idle Speed Max Lambda	Min Limit (RPM)	Max Limit (RPM)	Fast - Max Limit (RPM)	Min Oil Temp (°C)	
E200 Avantgarde M5 Estate VIN Code 210235	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E200 Classic A5 Estate VIN Code 210235	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E200 Elegance A5 Estate VIN Code 210235	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E200 Avantgarde A5 Estate VIN Code 210235	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E230 M5 Estate VIN Code 210237	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E230 A4 Estate VIN Code 210237	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E230 A5 Estate VIN Code 210237	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Classic A5 Estate VIN Code 210261	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Elegance A5 Estate VIN Code 210261	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Avantgarde A5 Estate VIN Code 210261	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E320 Classic A5 Estate VIN Code 210265	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E320 Elegance A5 Estate VIN Code 210265	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E320 Avantgarde A5 Estate VIN Code 210265	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E430 Elegance A5 Estate VIN Code 210270	0.5	600	750	0.3	200	0.97	1.03	2200	2800	2800	80	
E430 Avantgarde A5 Estate VIN Code 210270	0.5	600	750	0.3	200	0.97	1.03	2200	2800	2800	80	
E55 AMG A5 Estate VIN Code 210274	0.5	600	750	0.3	200	0.97	1.03	2200	2800	2800	80	
E200 M6 Kompressor Estate VIN Code 210248	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E200 A5 Kompressor Estate VIN Code 210248	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 M6 Estate VIN Code 210262	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 A5 Estate VIN Code 210262	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E280 M6 Estate VIN Code 210263	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E280 A5 Estate VIN Code 210263	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E320 A5 Estate VIN Code 210265	0.5	650	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E430 A5 Estate VIN Code 210270	0.5	600	750	0.3	200	0.97	1.03	2200	2800	2800	80	
E55 AMG A5 Estate VIN Code 210274	0.5	600	750	0.3	200	0.97	1.03	2200	2800	2800	80	
E-Class Saloon (211)												
E240 Classic Manual VIN Code 211061	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Classic Semi Automatic VIN Code 211061	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Classic Automatic VIN Code 211061	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Elegance Manual VIN Code 211061	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Elegance Semi Automatic VIN Code 211061	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Elegance Automatic VIN Code 211061	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Avantgarde Manual VIN Code 211061	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	
E240 Avantgarde Semi Automatic VIN Code 211061	0.5	700	800	0.3	200	0.97	1.03	2200	2800	2800	80	

1	2		3		4				
	a	b	c	d	e	f			
Manufacturer / Marque	Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Max Limit (RPM)	Fast Idle Speed Min Lambda	Max Lambda	Fast - Max Limit (RPM)	Min Oil Temp (°C)		
E240 Avantgarde Automatic VIN Code 211061	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E320 Classic Automatic VIN Code 211065	0.5	650	800	0.3	0.97	1.03	2200	2800	80
E320 Elegance Automatic VIN Code 211065	0.5	650	800	0.3	0.97	1.03	2200	2800	80
E320 Avantgarde Automatic VIN Code 211065	0.5	650	800	0.3	0.97	1.03	2200	2800	80
E500 Elegance Automatic VIN Code 211070	0.5	600	750	0.3	0.97	1.03	2200	2800	80
E500 Avantgarde Automatic VIN Code 211070	0.5	600	750	0.3	0.97	1.03	2200	2800	80
E200K Classic Manual VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E200K Classic Semi Automatic VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E200K Classic Automatic VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E200K Elegance Manual VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E200K Elegance Semi Automatic VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E200K Elegance Automatic VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E200K Avantgarde Manual VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E200K Avantgarde Semi Automatic VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E200K Avantgarde Automatic VIN Code 211042	0.5	700	800	0.3	0.97	1.03	2200	2800	80
E55 AMG Automatic VIN Code 211076	0.5	600	750	0.3	0.97	1.03	2200	2800	80
M-Class (163)									
ML 500 A5 VIN code 163175	0.5	600	750	0.3	0.97	1.03	2200	2800	80
S-Class (140)									
S 500 A5 Pullman VIN Code 220875	0.5	600	750	0.3	0.97	1.03	2200	2800	80
S 55 AMS A5 Saloon VIN Code 220073	0.5	600	750	0.3	0.97	1.03	2200	2800	80
S 55 AMS A5 Limousine VIN Code 220173	0.5	600	750	0.3	0.97	1.03	2200	2800	80
S 600 A5 Pullman VIN Code 220878	0.5	600	750	0.3	0.97	1.03	2200	2800	80
S 63 AMS A5 VIN Code 220178	0.5	600	750	0.3	0.97	1.03	2200	2800	80
S-Class (W220)									
S350 SWB Automatic VIN Code 220067	0.5	650	800	0.3	0.97	1.03	2200	2800	80
S350 LWB Automatic VIN Code 220167	0.5	650	800	0.3	0.97	1.03	2200	2800	80
S600 LWB Automatic VIN Code 220176	0.5	600	750	0.3	0.97	1.03	2200	2800	80
S55 AMG SWB Automatic VIN Code 220074	0.5	600	750	0.3	0.97	1.03	2200	2800	80
S55 AMG LWB Automatic VIN Code 220174	0.5	600	750	0.3	0.97	1.03	2200	2800	80
CLK (208)									
CLK 200 Elegance M5 Coupé VIN Code 208335	0.5	700	800	0.3	0.97	1.03	2200	2800	80
CLK 200 Sport M5 Coupé VIN Code 208335	0.5	700	800	0.3	0.97	1.03	2200	2800	80
CLK 200 Elegance A5 Coupé VIN Code 208335	0.5	700	800	0.3	0.97	1.03	2200	2800	80

1	2	3	4	a		b		c		d		e		f	
				Max CO Limit (% Vol)	Min Limit (RPM)	Normal Idle Speed	Max Limit (RPM)	Fast Idle Speed	Min Lambda	Max Lambda	Min Limit (RPM)	Max Limit (RPM)	Fast - Max HC Limit	Fast - Min Oil Temp (°C)	
	Manufacturer / Marque														
	CLK 200 Sport A5 Coupé VIN Code 208335	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 Kompressor Elegance M5 Coupé VIN Code 208347	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 Kompressor Sport M5 Coupé VIN Code 208347	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 Kompressor Elegance A5 Coupé VIN Code 208347	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 Kompressor Sport A5 Coupé VIN Code 208347	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 320 Elegance A5 Coupé VIN Code 208365	0.5	650	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 320 Sport A5 Coupé VIN Code 208365	0.5	650	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 430 Elegance A5 Coupé VIN Code 208370	0.5	600	750	0.3	200	0.97	1.03	2200	2800	80				
	CLK 430 Sport A5 Coupé VIN Code 208370	0.5	600	750	0.3	200	0.97	1.03	2200	2800	80				
	CLK 200 Elegance M5 Cabriolet VIN Code 208435	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 200 Sport M5 Cabriolet VIN Code 208435	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 200 Elegance A5 Cabriolet VIN Code 208435	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 200 Sport A5 Cabriolet VIN Code 208435	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 Kompressor Elegance M5 Cabriolet VIN Code 208447	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 Kompressor Sport M5 Cabriolet VIN Code 208447	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 Kompressor Elegance A5 Cabriolet VIN Code 208447	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 Kompressor Sport A5 Cabriolet VIN Code 208447	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 320 Elegance A5 Cabriolet VIN Code 208465	0.5	650	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 320 Sport A5 Cabriolet VIN Code 208465	0.5	650	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 430 Elegance A5 Cabriolet VIN Code 208470	0.5	600	750	0.3	200	0.97	1.03	2200	2800	80				
	CLK 430 Sport A5 Cabriolet VIN Code 208470	0.5	600	750	0.3	200	0.97	1.03	2200	2800	80				
	CLK 55 AMG A5 Coupé VIN Code 208374	0.5	600	750	0.3	200	0.97	1.03	2200	2800	80				
	CLK 200 M6 Kompressor Coupé VIN Code 208344	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 200 A5 Kompressor Coupé VIN Code 208344	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 M6 Kompressor Coupé VIN Code 208348	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 A5 Kompressor Coupé VIN Code 208348	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 320 A5 Coupé VIN Code 208365	0.5	650	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 430 A5 Coupé VIN Code 208370	0.5	600	750	0.3	200	0.97	1.03	2200	2800	80				
	CLK 55 AMG Coupé VIN Code 208374	0.5	600	750	0.3	200	0.97	1.03	2200	2800	80				
	CLK 200 M6 Kompressor Cabriolet VIN Code 208444	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 200 A5 Kompressor Cabriolet VIN Code 208444	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 M6 Kompressor Cabriolet VIN Code 208448	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 230 A5 Kompressor Cabriolet VIN Code 208448	0.5	700	800	0.3	200	0.97	1.03	2200	2800	80				
	CLK 320 A5 Cabriolet VIN Code 208465	0.5	650	800	0.3	200	0.97	1.03	2200	2800	80				

1	2		3		4		
	a	b	c	d	e	f	
Manufacturer / Marque	Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Max Limit (RPM)	Fast Idle Speed Min Lambda	Max Lambda	Fast - Max Limit (RPM)	Min Oil Temp (°C)
Ambiente Semi Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Trend Manual VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Trend Semi Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Trend Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Family Manual VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Family Semi Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Family Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Ambiente Manual VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Ambiente Semi Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.6 Ambiente Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.9 Trend Manual VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.9 Trend Semi Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.9 Trend Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.9 Family Manual VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.9 Family Semi Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80
1.9 Family Automatic VIN Code 414700	0.5	800	950	0.97	1.03	2800	80

MG ROVER GROUP LTD

The Model Code consists of the 4th & 5th digit of the VIN number and defines the model.

The Engine Code consists of the 8th digit of the VIN number and defines the engine type.

The Serial Number consists of the last 6 digits of the VIN number.

MGF Model Code RD

1.6l MPI Engine Code E

1.8l MPI Engine Code G

1.8l VVC Engine Code T

MG TF Model Code RD

1.6 MPI Engine Code E

1.8 MPI Engine Code G

1.8 MPI Engine Code K

1.8 MPI VVC Engine Code P

MG ZR Model Code RF

1.4 MPI Engine Code B

1.8 MPI Engine Code F

1.8 MPI VVC Engine Code M

1	2		3		4		
	a	b	c	d	e	f	
Manufacturer / Marque	Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Normal Idle Speed Max Limit (RPM)	Fast Idle Speed Min Lambda	Fast Idle Speed Max Lambda	Fast - Max HC Limit	Fast - Min Oil Temp (°C)
MG ZS Model Code RT							
1.8 MPI Engine Code F	0.5	775	975	0.95	1.09	200	70
2.5 MPI Engine Code L	0.5	650	850	0.95	1.09	200	70
MG ZT Model Code RJ							
1.8 MPI Turbo Engine Code T	0.5	650	850	0.95	1.09	200	70
2.5 MPI Engine Code E	0.5	650	850	0.95	1.09	200	70
2.5 MPI Engine Code F	0.5	650	850	0.95	1.09	200	70
2.5 MPI Engine Code N	0.5	650	850	0.95	1.09	200	70
MGRV8 Model Code RA							
3.9l V8 Engine Code M	0.5	550	800	0.95	1.09	200	70
Rover 25 Model Code RF							
1.1 MPI Engine Code C	0.5	775	975	0.95	1.09	200	70
1.4 MPI Engine Code A	0.5	775	975	0.95	1.09	200	70
1.4 MPI Engine Code B	0.5	775	975	0.95	1.09	200	70
1.6 MPI Engine Code E	0.5	775	975	0.95	1.09	200	70
1.8 MPI Engine Code F	0.5	775	975	0.95	1.09	200	70
1.8 MPI Engine Code K	0.5	775	975	0.95	1.09	200	70
Rover 45 Model Code RT							
1.4 MPI Engine Code B	0.5	775	975	0.95	1.09	200	70
1.6 MPI Engine Code M	0.5	775	975	0.95	1.09	200	70
1.8 MPI Engine Code F	0.5	775	975	0.95	1.09	200	70
2.0 MPI Engine Code E	0.5	650	850	0.95	1.09	200	70
Rover 75 Model Code RJ							
1.8 MPI Engine Code P	0.5	650	850	0.95	1.09	200	70
1.8 MPI Turbo Engine Code R	0.5	650	850	0.95	1.09	200	70
2.0 MPI Engine Code K	0.5	650	850	0.95	1.09	200	70
2.5 MPI Engine Code L	0.5	650	850	0.95	1.09	200	70
Rover 200 Model Code RF							
1.1l MPI Engine Code D	0.5	775	975	0.95	1.09	200	70
1.4l MPI Engine Code P	0.5	775	975	0.95	1.09	200	70
1.4l MPi Engine Code H	0.5	775	975	0.95	1.09	200	70
1.6l MPi Engine Code Z	0.5	775	975	0.95	1.09	200	70
1.8l MPi Engine Code G	0.5	775	975	0.95	1.09	200	70
1.8l MPi Engine Code L	0.5	775	975	0.95	1.09	200	70

Manufacturer / Marque	a		b		c		d		e		f	
	Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Max Limit (RPM)	Max CO Limit (%Vol)	Fast - Max HC Limit	Min Lambda	Max Lambda	Min Lambda	Max Lambda	Min Limit (RPM)	Fast - Max Limit (RPM)	Min Oil Temp (°C)
Rover 400 Model Code RT												
1.4l MPi Engine Code H	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.4l MPi Engine Code P	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.6l MPi Engine Code Z	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.6l MPi Auto Engine Code T	0.5	600	1000	0.3	200	0.95	1.09	0.95	1.09	2300	2700	80
2.0l MPi Engine Code C	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
Rover 600 Model Code RH												
1.8l Engine Code D	0.5	600	1000	0.3	200	0.95	1.09	0.95	1.09	2300	2700	80
2.0l Engine Code A	0.5	720	820	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
2.0l Engine Code B	0.5	720	820	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
2.0l Turbo Engine Code V	0.5	700	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
2.3l Engine Code C	0.5	720	820	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
Rover 800 Model Code RS												
2.0l LTi Engine Code D Serial No 152057 onwards	0.5	700	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
2.0l Turbo Engine Code V	0.5	700	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
2.5l V6 Engine Code L	0.5	650	850	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
2.7l V6 Engine Code K Serial No 203637 onwards	0.5	630	730	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
Metro/Rover 100 Model Code XP												
1.1l TBI Engine Code V Serial No 827083 onwards	0.75	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.1l MPi Engine Code A	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.4l MPi Engine Code K Serial No 827083 onwards	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2000	2200	70
1.4l TBI Engine Code W Serial No 827083 onwards	0.75	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.4l MPi Engine Code P	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
Rover 200 & Rover 400 Model Code XW												
1.4l MPi Engine Code H	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2000	2200	70
1.4l TBI Engine Code J	0.75	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.6l Auto DOHC Engine Code N Serial No 035470 onwards	0.5	750	850	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
1.6l Auto SOHC Engine Code M Serial No 034031 onwards	0.5	730	830	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
1.6l Manual DOHC Engine Code N Serial No 033757 onwards	0.5	750	850	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
1.6l MPi Engine Code Z	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.8l MPi Engine Code R	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
1.6l Manual SOHC Engine Code M Serial No 035109 onwards	0.5	730	830	0.3	200	0.95	1.09	0.95	1.09	2500	3000	80
2.0l Engine Code C	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70
2.0l Turbo Engine Code V	0.5	775	975	0.3	200	0.95	1.09	0.95	1.09	2500	3000	70

1	2	3	4	a	b	c	d	e	f	
										Max CO Limit (% Vol)
	1.8 MPI Model Code DG5A Engine Type 4G93 SOHC Automatic 2002 onwards	0.5	800	0.3	200	0.97	1.03	2400	2600	92
Lancer										
	1.3i Model Code CB1A Engine Type 4G13 SOHC MPI MY 93-95	0.5	850	0.3	200	0.97	1.03	2500	2800	80
	1.6i Model Code CB4A Engine Type 4G92 MVV MY 94-95	0.5	800	0.3	200	0.97	1.03	2500	2800	80
	1.6i Model Code CB4A Engine Type 4G92 SOHC MPI MY 93-95	0.5	900	0.3	200	0.97	1.03	2500	2800	80
	1.6i Model Code CD4A Engine Type 4G92 SOHC MPI MY 1993 4WD	0.5	900	0.3	200	0.97	1.03	2500	2800	80
	1.8i Model Code CB5A Engine Type 4G93 DOHC MPI MY 93-95	0.5	900	0.3	200	0.97	1.03	2500	2800	80
Lancer Station Wagon										
	1.6i Model Code CB4W Engine Type 4G92 SOHC MPI MY 93-95	0.5	900	0.3	200	0.97	1.03	2500	2800	80
	1.6i Model Code CD4W Engine Type 4G92 SOHC MPI MY 93-95 4WD	0.5	900	0.3	200	0.97	1.03	2500	2800	80
Lancer Hatchback										
	1.3i Model Code C61A Engine Type 4G13 SOHC MPI MY 93-95	0.5	850	0.3	200	0.97	1.03	2500	2800	80
	1.6i Model Code C66A Engine Type 4G92 SOHC MPI MY 93-95	0.5	900	0.3	200	0.97	1.03	2500	2800	80
	1.6i Model Code C76A Engine Type 4G92 SOHC MPI MY 93-95 4WD	0.5	900	0.3	200	0.97	1.03	2500	2800	80
	1.8i Model Code C69A Engine Type 4G93 DOHC MPI MY 93-95	0.5	900	0.3	200	0.97	1.03	2500	2800	80
Carisma										
	1.6i Model Code DA1A Engine Code 4G92 SOHC MPI MY 95 onwards	0.5	900	0.3	200	0.97	1.03	2500	2800	80
	1.8i Model Code DA2A Engine Code 4G93 SOHC MPI MY 95 onwards	0.5	900	0.3	200	0.97	1.03	2500	2800	80
	1.8i Model Code DA2A Engine Code 4G93 DOHC GDI Manual MY 96-98	0.5	700	0.3	200	0.97	1.03	2500	2800	80
	1.8i Model Code DA2A Engine Code 4G93 DOHC GDI Auto MY 96-98	0.5	750	0.3	200	0.97	1.03	2500	2800	80
	1.8i Model Code DA2A Engine Code 4G93 DOHC GDI MY 2000 onwards	0.5	700	0.3	200	0.97	1.03	2500	2800	80
	1.6 MPI Model Code DA1A Engine Code 4G92 SOHC Manual 2001 onwards	0.5	800	0.3	200	0.97	1.03	2400	2600	88
	1.6 MPI Model Code DA1A Engine Code 4G92 SOHC Automatic 2001 onwards	0.5	780	0.3	200	0.97	1.03	2400	2600	89
	1.8 GDI Model Code DA2A Engine Code 4G93 DOHC Manual 2001 onwards	0.5	850	0.3	200	0.97	1.03	2400	2600	89
	1.8 GDI Model Code DA2A Engine Code 4G93 DOHC Automatic 2001 onwards	0.5	850	0.3	200	0.97	1.03	2400	2600	89
Sigma/Saloon/Estate										
	3.0i Model Code F16A Engine Type 6G72 DOHC MPI MY 93-95	0.5	800	0.3	200	0.97	1.03	2500	2800	80
	3.0i Model Code F16A Engine Type 6G72 SOHC MPI MY 93-95	0.5	800	0.3	200	0.97	1.03	2500	2800	80
3000GT										
	3.0i Model Code Z18A Engine Type 0G72 DOHC MPI T/C MY 93-95	0.5	800	0.3	200	0.97	1.03	2500	2800	80
Galant										
	1.8i Model Code E52A Engine Type 4G93 SOHC MPI MY 93-95	0.5	900	0.3	200	0.97	1.03	2500	2800	80
	2.0i Model Code E54A Engine Type 6A12 DOHC V6 MPI MY 93-95	0.5	800	0.3	200	0.97	1.03	2500	2800	80
	2.0i Model Code E55A Engine Type 4G63 SOHC MPI MY 93-95	0.5	850	0.3	200	0.97	1.03	2500	2800	80

1	2	3	4	a	b	c	d	e	f										
										Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Max Limit (RPM)	Max CO Limit (%Vol)	Fast - Max HC Limit	Fast Idle Speed Min Lambda	Max Lambda	Min Limit (RPM)	Fast - Max Limit (RPM)	Min Oil Temp (°C)
Manufacturer / Marque																			
2.0l Model Code E64A	Engine Type 6A12 DOHC V6 MPI MY 93-94 4WS	600	800	0.3	200	0.97	1.03	2500	2800	80									
2.0l Model Code E75A	Engine Type 4G63 SOHC MPI MY 93-95 4WD	650	850	0.3	200	0.97	1.03	2500	2800	80									
2.5l Model Code E88A	Engine Type 6G73 DOHC V6 MPI MY 93-95 4WD	600	800	0.3	200	0.97	1.03	2500	2800	80									
2.0l Model Code EA2A/W	Engine Type 4G63 SOHC MPI MY 97 onwards	650	850	0.3	200	0.97	1.03	2500	2800	80									
2.4l Model Code EA3A/W	Engine Type 4G64 DOHC GDI MY 99 onwards	550	750	0.3	200	0.97	1.03	2500	2800	80									
2.5l Model Code EA5A/W	Engine Type 6A13 SOHC MPI MY 97 onwards	550	750	0.3	200	0.97	1.03	2500	2800	80									
2.0l MPI Model Code EA2A/W	Engine Type 4G63 SOHC Manual 2001 onwards	650	850	0.3	200	0.97	1.03	2400	2600	95									
2.0l MPI Model Code EA2A/W	Engine Type 4G63 SOHC Automatic 2001 onwards	650	850	0.3	200	0.97	1.03	2400	2600	92									
2.4l GDI Model Code EA3A/W	Engine Type 4G64 DOHC Manual 2001 onwards	550	750	0.3	200	0.97	1.03	2400	2600	74									
2.4l GDI Model Code EA3A/W	Engine Type 4G64 DOHC Automatic 2001 onwards	550	750	0.3	200	0.97	1.03	2400	2600	69									
2.5l V6 Model Code EA5A/W	Engine Type 6A13 DOHC Manual 2001 onwards	550	750	0.3	200	0.97	1.03	2400	2600	95									
2.5l V6 Model Code EA5A/W	Engine Type 6A13 DOHC Automatic 2001 onwards	550	750	0.3	200	0.97	1.03	2400	2600	92									
Space Runner																			
1.8l Model Code N11W	Engine Type 4G93 SOHC MPI MY 95	700	900	0.3	200	0.97	1.03	2500	2800	80									
Space Wagon																			
2.0l Model Code N33W	Engine Type 4G63 SOHC MPI MY 96-98	650	850	0.3	200	0.97	1.03	2500	2800	80									
2.4l Model Code N84W	Engine Type 4G64 DOHC GDI MY 99 onwards	550	750	0.3	200	0.97	1.03	2500	2800	80									
2.0l MPI Model Code N83W	Engine Type 4G63 SOHC Manual 2001 onwards	650	850	0.3	200	0.97	1.03	2400	2600	81									
2.4l GDI Model Code N84W	Engine Type 4G64 DOHC Automatic 2001 onwards	550	825	0.3	200	0.97	1.03	2400	2600	88									
Shogun (Pajero)																			
3.0l Model Code V23V43	Engine Type 6G72 SOHC MPI MY 95 onwards	600	800	0.3	200	0.97	1.03	2500	2800	80									
3.5l Model Code V25V45	Engine Type 6G74 SOHC MPI MY 98 onwards	600	800	0.3	200	0.97	1.03	2500	2800	80									
3.5l Model Code V25V45	Engine Type 6G74 DOHC MPI MY 96-97	600	800	0.3	200	0.97	1.03	2500	2800	80									
Challenger/Shogun Sport																			
3.0l Model Code K96	Engine Type 6G72 SOHC MPI MY 99 onwards	600	800	0.3	200	0.97	1.03	2500	2800	80									
3.0 MPI Model Code K96	Engine Type 6G72 V6 Manual 2001 onwards	600	800	0.3	200	0.97	1.03	2400	2600	97									
3.0 MPI Model Code K96	Engine Type 6G72 V6 Automatic 2001 onwards	600	800	0.3	200	0.97	1.03	2400	2600	97									
Shogun Pinin																			
1.8l Model Code KR25	Engine Type 4G93 DOHC MPI GDI MY 2000	600	800	0.3	200	0.97	1.03	2500	2800	80									
1.8l MPI Model Code H66W	Engine Type 4G93 SOHC Manual 2002 onwards	600	800	0.3	200	0.97	1.03	2400	2600	92									
1.8l MPI Model Code H66W	Engine Type 4G93 SOHC Automatic 2002 onwards	600	800	0.3	200	0.97	1.03	2400	2600	92									
1.8l MPI Model Code H76W	Engine Type 4G93 SOHC Manual 2002 onwards	600	800	0.3	200	0.97	1.03	2400	2600	92									
1.8 MPI Model Code H76W	Engine Type 4G93 SOHC Automatic 2002 onwards	600	800	0.3	200	0.97	1.03	2400	2600	92									

1	2		3		4		
	a	b	c	d	e	f	
Manufacturer / Marque	Max CO Limit (% Vol)	Normal Idle Speed Min Limit (RPM)	Normal Idle Speed Max Limit (RPM)	Fast Idle Speed Min Lambda	Fast Idle Speed Max Lambda	Fast - Max Limit (RPM)	Min Oil - Min Temp (°C)
2.0 GDI Model Code H77W Engine Type 4G94 DOHC Manual 2001 onwards	0.5	500	850	0.97	1.03	2400	90
2.0 GDI Model Code H77W Engine Type 4G94 DOHC Automatic 2001 onwards	0.5	550	850	0.97	1.03	2400	88
MORGAN							
4/4							
1.6l EFI Engine Code CVH	0.5	750	850	0.9	1.05	2800	80
1.8l EFI Engine Code MVH	0.5	850	950	0.9	1.05	2800	80
Plus 4							
2.0l Engine Code T16	0.5	850	950	0.9	1.05	2500	80
Plus 8							
3.5l EFI	0.5	750	850	0.9	1.05	2500	80
3.9l EFI	0.5	750	900	0.9	1.05	2500	80
4.6l EFI	0.5	750	900	0.9	1.05	2500	80
4.0l	0.5	750	900	0.8	1.05	2500	80
Aero 8							
Aero 8	0.5	650	1000	0.8	1.05	2500	80