

Chapter 14

Rover MEMS - MPI/SPI

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Specifications

Vehicle

Rover MEMS MPI

114 1.4 GTi 16V cat	1991 to 1994
214 1.4 DOHC 16V cat	1992 to 1996
220 2.0 DOHC 16V cat	1991 to 1994
220 2.0 DOHC 16V cat	1992 to 1996
220 2.0 DOHC 16V turbo cat	1992 to 1996
414 1.4 DOHC 16V cat	1992 to 1996
414 1.4 DOHC 16V	1995 to 1996
416 1.6 DOHC 16V	1995 to 1996
420 2.0 DOHC 16V cat	1991 to 1994
420 2.0 DOHC 16V cat	1992 to 1996
420 2.0 DOHC 16V turbo cat	1992 to 1996
420 2.0 DOHC 16V turbo	1994 to 1996
520 2.0 DOHC 16V cat	1991 to 1996
520 2.0 DOHC 16V turbo cat	1992 to 1996
Metro 1.4 GTi DOHC 16V cat	1991 to 1994
MGF 1.6 DOHC 16V	1995 to 1996
MGF 1.8 VVC DOHC 16V	1995 to 1996
Montego 2.0 EFI	1989 to 1992
Montego 2.0 EFI AT	1989 to 1992

Rover MEMS SPI

Metro 1.4 16V	1990 to 1992
Metro 1.4 16V cat	1990 to 1992
Metro 1.4 16V cat	1993 to 1997
Mini Cooper 1.3i MT	1991 to 1992
Mini Cooper 1.3i AT	1991 to 1992
Mini Cooper 1.3i Cabriolet	1993 to 1997
Mini 1.3	1995 to 1997
111	1995 to 1997
114	1995 to 1997
114 1.4i & Cabrio cat	1991 to 1994
114 1.4i 16V cat	1991 to 1993
214/414 non cat	1989 to 1992
214/414 cat	1990 to 1992
214 1.4 16V cat	1992 to 1996
414 1.4 16V cat	1992 to 1996
414 1.4 16V	1995 to 1996

Year

Idle speed

CO%

1991 to 1994	850 ± 50	0.75 max
1992 to 1996	875 ± 50	0.5 max
1991 to 1994	850 ± 50	0.5 to 2.0
1992 to 1996	850 ± 50	0.5 to 2.0
1992 to 1996	850 ± 50	0.5 to 2.0
1992 to 1996	875 ± 50	0.5 max
1995 to 1996	875 ± 50	0.5 max
1995 to 1996	875 ± 50	0.5 max
1991 to 1994	850 ± 50	0.5 to 2.0
1992 to 1996	850 ± 50	0.5 to 2.0
1992 to 1996	850 ± 50	0.5 to 2.0
1994 to 1996	850 ± 50	0.5 to 2.0
1991 to 1996	850 ± 50	0.5 to 2.0
1992 to 1996	850 ± 50	0.5 to 2.0
1991 to 1994	850 ± 50	0.5 to 2.0
1995 to 1996	875 ± 50	0.3 max
1995 to 1996	875 ± 50	0.3 max
1989 to 1992	750 ± 50	2.0 to 2.5
1989 to 1992	750 ± 50	2.0 to 2.5
1990 to 1992	850 ± 50	0.5 to 2.0
1990 to 1992	850 ± 50	0.5 to 2.0
1993 to 1997	850 ± 50	0.5 to 2.0
1991 to 1992	850 ± 50	0.5 to 2.0
1991 to 1992	850 ± 50	0.5 to 2.0
1993 to 1997	850 ± 50	0.5 to 2.0
1995 to 1997	850 ± 50	0.4 max
1995 to 1997	850 ± 50	0.4 max
1995 to 1997	875 ± 50	0.4 max
1991 to 1994	875 ± 50	0.75 max
1991 to 1993	875 ± 50	0.75 max
1989 to 1992	850 ± 50	0.5 to 2.0
1990 to 1992	850 ± 50	0.5 to 2.0
1992 to 1996	850 ± 50	0.5 to 2.0
1992 to 1996	850 ± 50	0.5 to 2.0
1995 to 1996	850 ± 50	0.5 to 2.0

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WJ Hussar



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