

Chapter 14

Rover MEMS - MPI/SPI

Contents

Overview of system operation		
Catalytic converter and emission control	6	Fuel pressure
Control functions	2	Fuel pump and circuit
Fuel injection	5	Inertia switch
Ignition	4	Knock sensor (KS)
Introduction	1	Manifold heater (SPI engines only)
Primary trigger	3	MAP sensor
Adjustments		Multi-function unit (MFL)
Adjustment pre-conditions	7	Oxygen sensor (OS)
Idle adjustments	10	Phase sensor (PS)
Ignition timing checks	9	Primary ignition
Throttle adjustments	8	Primary trigger - crank angle sensor (CAS)
System sensor and actuator tests		Steeper motor
Air temperature sensor (ATS)	18	System relays
Carbon filter solenoid valve (CFSV)	31	Throttle potentiometer sensor (TPS)
Coolant temperature sensor (CTS)	19	Throttle switch (TS)
ECM voltage supplies and earths	24	Pin table - typical 36-pin and 18-pin
Fuel injector operation (MPI)	14	Fault codes
Fuel injector operation (SPI)	15	Obtaining fault codes
		29
		29
		25
		13
		23
		17
		27
		30
		16
		12
		11
		22
		26
		21
		20
		32

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
1994 to 1996	850 ± 50	0.3 max
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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G Thomas



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1. Understanding the eBook Rover Mems Spi Manual
 - The Rise of Digital Reading Rover Mems Spi Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Rover Mems Spi Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Rover Mems Spi Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Rover Mems Spi Manual

- Personalized Recommendations
- Rover Mems Spi Manual User Reviews and Ratings
- Rover Mems Spi Manual and Bestseller Lists
- 5. Accessing Rover Mems Spi Manual Free and Paid eBooks
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 - Rover Mems Spi Manual Budget-Friendly Options
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 - Rover Mems Spi Manual Compatibility with Devices
 - Rover Mems Spi Manual Enhanced eBook Features
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 - Adjustable Fonts and Text Sizes of Rover Mems Spi Manual
 - Highlighting and Note-Taking Rover Mems Spi Manual
 - Interactive Elements Rover Mems Spi Manual
- 8. Staying Engaged with Rover Mems Spi Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Rover Mems Spi Manual
- 9. Balancing eBooks and Physical Books Rover Mems Spi Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Rover Mems Spi Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Rover Mems Spi Manual
 - Setting Reading Goals Rover Mems Spi Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Rover Mems Spi Manual

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- Fact-Checking eBook Content of Rover Mems Spi Manual
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
- Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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