BMW Fault Codes (DTCs)

Below is a comprehensive listing of BMW DTCs and the corresponding SAE P-codes.

Table a. Diagnostic trouble codes (DTCs)

BMW code	P-code	Fault type and function	Signal type and range	Explanation
1		Ignition coil cyl.2	Input analog timing (100 mV)	DME initiates secondary ignition for each cylinder then looks for feedback through shunt resistor in harness to determine if ignition actually occurred.
2		Ignition coil cyl.4	Input analog timing (100 mV)	DME initiates secondary ignition for each cylinder then looks for feedback through shunt resistor in harness to determine if ignition actually occurred.
3		Ignition coil cyl.6	Input analog timing (100 mV)	DME initiates secondary ignition for each cylinder then looks for feedback through shunt resistor in harness to determine if ignition actually occurred.
5	P0202	Injector circuit cyl. 2	Output digital pulse width (active low)	DME final stage will set flag whenever a short to ground, a short to battery voltage or a disconnection between output transistor and component exists.
6	P0201	Injector circuit cyl. 1	Output digital pulse width (active low)	DME final stage will set flag whenever a short to ground, a short to battery voltage or a disconnection between output transistor and component exists.
8	P0101	Mass air flow circuit range/perf.	Input analog (0- 5V)	Failed signal range check against predefined diagnostic limits.
10		Engine coolant temp. circuit range/perf.	Input analog (0- 5V)	Signal range is checked against predefined diagnostic limits within specific engine operations.
11		Coolant temp. coolant outlet	Input analog (0- 5V)	Signal range is checked against predefined diagnostic limits within specific engine operations.
14	P0111	Intake air temp. range/performance	Input analog (0- 5V)	Signal range is checked against predefined diagnostic limits within specific engine operations.
18	P1397	Exhaust cam	Input analog	Internal check of phase shift from

Manual E46 Fault Code

O García



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Table of Contents Manual E46 Fault Code

- 1. Understanding the eBook Manual E46 Fault Code
 - The Rise of Digital Reading Manual E46 Fault Code
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Manual E46 Fault Code
 - 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 Manual E46 Fault Code
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Manual E46 Fault Code
 - Personalized Recommendations
 - Manual E46 Fault Code User Reviews and Ratings
 - Manual E46 Fault Code and Bestseller Lists
- 5. Accessing Manual E46 Fault Code Free and Paid eBooks
 - Manual E46 Fault Code Public Domain eBooks
 - Manual E46 Fault Code eBook Subscription Services
 - Manual E46 Fault Code Budget-Friendly Options

- 6. Navigating Manual E46 Fault Code eBook Formats
 - o ePub, PDF, MOBI, and More
 - Manual E46 Fault Code Compatibility with Devices
 - Manual E46 Fault Code Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - o Adjustable Fonts and Text Sizes of Manual E46 Fault Code
 - Highlighting and Note-Taking Manual E46 Fault Code
 - Interactive Elements Manual E46 Fault Code
- 8. Staying Engaged with Manual E46 Fault Code
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Manual E46 Fault Code
- 9. Balancing eBooks and Physical Books Manual E46 Fault Code
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Manual E46 Fault Code
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Manual E46 Fault Code
 - Setting Reading Goals Manual E46 Fault Code
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Manual E46 Fault Code
 - Fact-Checking eBook Content of Manual E46 Fault Code
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements

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