



## 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

# Bmw Abs Fault Codes

**A Gutmann**



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## **Table of Contents Bmw Abs Fault Codes**

1. Understanding the eBook Bmw Abs Fault Codes
  - The Rise of Digital Reading Bmw Abs Fault Codes
  - Advantages of eBooks Over Traditional Books
2. Identifying Bmw Abs Fault Codes
  - 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 Bmw Abs Fault Codes
  - User-Friendly Interface
4. Exploring eBook Recommendations from Bmw Abs Fault Codes
  - Personalized Recommendations
  - Bmw Abs Fault Codes User Reviews and Ratings
  - Bmw Abs Fault Codes and Bestseller Lists

5. Accessing Bmw Abs Fault Codes Free and Paid eBooks
  - Bmw Abs Fault Codes Public Domain eBooks
  - Bmw Abs Fault Codes eBook Subscription Services
  - Bmw Abs Fault Codes Budget-Friendly Options
6. Navigating Bmw Abs Fault Codes eBook Formats
  - ePub, PDF, MOBI, and More
  - Bmw Abs Fault Codes Compatibility with Devices
  - Bmw Abs Fault Codes Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Bmw Abs Fault Codes
  - Highlighting and Note-Taking Bmw Abs Fault Codes
  - Interactive Elements Bmw Abs Fault Codes
8. Staying Engaged with Bmw Abs Fault Codes
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Bmw Abs Fault Codes
9. Balancing eBooks and Physical Books Bmw Abs Fault Codes
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Bmw Abs Fault Codes
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Bmw Abs Fault Codes
  - Setting Reading Goals Bmw Abs Fault Codes
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Bmw Abs Fault Codes
  - Fact-Checking eBook Content of Bmw Abs Fault Codes
  - 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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