



## Error code table

|                        |                                                      |
|------------------------|------------------------------------------------------|
| Vehicle                | BMW / 525 ix / 09/1991 - 12/1995 / Saloon, All-wheel |
| Country of manufacture | D                                                    |
| Cubic capacity/Power   | 2.5 / 141 kW                                         |
| Motor tag              | 25 6 S1/S2                                           |
| RB key                 | BMW 297                                              |
| Sector                 | All                                                  |
| System                 | Engine Control / Motronic M 3.1                      |

| Code | Error                              | Error type      |
|------|------------------------------------|-----------------|
| 1    | Relay Fuel pump                    |                 |
| 2    | Idle actuator ZWD Winding 1/EWD    |                 |
| 3    | Injection valve Cylinder 1         |                 |
| 4    | Injection valve Cylinder 3         |                 |
| 5    | Injection valve Cylinder 2         |                 |
| 6    | Injection valve Cylinder not known |                 |
| 8    | Fault lamp                         | Short to B+     |
| 12   | Throttle-valve sensor              |                 |
| 16   | Phase sensor                       | Incorrect range |
| 18   | Engine running signal interface    |                 |
| 19   | Unknown SG-final stage             |                 |
| 23   | Ignition circuit Cylinder 2        | defective       |
| 24   | Ignition circuit Cylinder 3        | defective       |
| 25   | Ignition circuit Cylinder 1        | defective       |
| 26   | Constant voltage supply            | too low         |
| 29   | Idle actuator ZWD Winding 2        |                 |
| 31   | Injection valve Cylinder 5         |                 |
| 32   | Injection valve Cylinder 6         |                 |
| 33   | Injection valve Cylinder 4         |                 |
| 36   | Valve Tank ventilation             |                 |
| 37   | Relay (3) Sensor heater            |                 |
| 41   | Air-mass sensor                    |                 |
| 46   | Unknown SG-final stage             |                 |
| 48   | Air-conditioner pump relay         |                 |

## Error code table

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|     |                                      |                     |
|-----|--------------------------------------|---------------------|
| 50  | Ignition circuit Cylinder 4          | defective           |
| 51  | Ignition circuit Cylinder 6          | defective           |
| 52  | Ignition circuit Cylinder 5          | defective           |
| 54  | Battery voltage                      |                     |
| 55  | Ignition circuit Cylinder not known  | defective           |
| 62  | Interface EML                        | Short to B+         |
| 64  | Tran.intervention                    | Short to ground     |
| 67  | Speed signal/ ref.-mark sensor       | incorrect/no signal |
| 70  | Lambda sensor                        |                     |
| 73  | Speed signal                         | incorrect/no signal |
| 77  | Air-temp. sensor                     |                     |
| 78  | Engine temp. sensor                  |                     |
| 81  | Anti-theft device                    | active              |
| 82  | Interface MSR                        | Short to B+         |
| 83  | Interface ASR                        | Short to B+         |
| 85  | Air cond. readi- ness/AC compr. sign | Comparison not O.K  |
| 100 | Unknown SG-final stage               | defective           |
| 200 | Control unit Program memory          | defective           |
| 201 | Lambda control                       |                     |
| 202 | Control unit Fault memory            | defective           |
| 203 | Primary circuit Monitor              | active              |
| 204 | Function ASR/MSR                     | defective           |