

1995 Volkswagen Golf III

G - TESTS W/CODES 1995 ENGINE PERFORMANCE Volkswagen - Self-Diagnostics

TROUBLE CODE IDENTIFICATION

TROUBLE CODE IDENTIFICATION (1)

DTC (2) Blink Code	System/ Affected Circuit	Possible Cause/Repair
65535 (4444)	No Fault	Check Whether Correct ECM Is Installed
00281 (1231)	Vehicle Speed Sensor	Open Circuit (No Signal To Electronic Control Module)
00513 (2111) (3)	Engine Speed Sensor	Open Circuit (No Signal to Electronic Control Module)
00515 (2113)	Hall Effect Sensor	Open/Short Circuit To Ground Or Battery Voltage
00518 (2212)	Throttle Position Sensor	(4)Open/Short Circuit To Ground Or Battery Voltage
00522 (2312)	Engine Coolant Temp. Sensor	Open/Short Circuit To Ground Or Battery Voltage
00524 (2142)	Knock Sensor	Open/Short Circuit To Ground Or Battery Voltage
00525 (2342)	Oxygen Sensor (Heated)	Open Circuit; Open/Short Circuit To Ground Or Battery Voltage
00527 (2412) 00532 (2234)	Intake Air Temp. Sensor System Voltage	Open/Short Circuit To Ground Or Battery Voltage Battery Voltage Less Than 10.0Volts Or More Than 16.0 Volts
00533 (2231)	Idle Speed Regulation	Intake System Leaks, EGR Valve Or IAC Valve Malfunction
00535 (2141)	Knock Sensor (Primary)	Defective Knock Sensor In Electronic Control Module (Replace ECM)
00537 (2341)	Oxygen Sensor Control	(4)Control Limit Exceeded Or Not Reached
00543 (2214)	Maximum RPM Exceeded	RPM Signal Interference; Engine RPM Exceeded Cut-Off Point
00545 (2314)	Trans. Control Signal	(4)Short Circuit To Ground (Transmission Control Module Circuit)
00549 (2243)	Fuel Consumption Signal	Short Circuit To Battery Voltage (Instrument Cluster Circuit)
00553 (2324)	Mass Airflow Sensor	Open/Short Circuit To Ground Or Battery Voltage
00561 (2413) 00585 (2411)	Fuel Mixture EGR Temperature Sensor	(5)(6)Control Limit Exceeded Or Not Reached Short Circuit To Ground
00586 (----)	EGR System Control	Sticking Or Malfunctioning EGR Valve
00609 (----)	Ignition Output	Short Circuit To Battery Voltage
00640 (----)	Oxygen Sensor Relay	Short Circuit To Battery Voltage

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01025 (----)	Malfunction Indicator Light	Open/Short Circuit To Ground Or Battery Voltage
01242 (4332)	ECM	Loose Terminals At ECM or Faulty ECM
01247 (4343)	EVAP Frequency Valve	Open/Short Circuit To Ground Or Battery Voltage
01249 (4411)	Injector No. 1	Open/Short Circuit To Ground Or Battery Voltage
01250 (4412)	Injector No. 2	Open/Short Circuit To Ground Or Battery Voltage
01251 (4413)	Injector No. 3	Open/Short Circuit To Ground Or Battery Voltage
01252 (4414)	Injector No. 4	Open/Short Circuit To Ground Or Battery Voltage
01257 (4431)	Idle Air Control Valve	Open/Short Circuit To Ground Or Battery Voltage
01259 (4433)	Fuel Pump Relay	Short Circuit To Battery Voltage
01265 (4312)	EGR Frequency Valve	Open/Short Circuit To Ground Or Battery Voltage
65535 (1111)	ECM	Replace Faulty ECM

- (1) For testing information, see **J - PIN VOLTAGE CHARTS** article.
- (2) Blink code is 4-digit malfunction indicator (CHECK ENGINE) light code.
- (3) If DTC memory is read with ignition on (engine not running), this fault is always displayed even if it is not present.
- (4) As an aid to diagnosing a short circuit to ground, erase DTC memory before re-starting engine. Then disconnect ECM and reconnect.
- (5) Check intake and exhaust system for leaks. Check for too low or too high a fuel pressure. Also check for malfunctioning fuel injectors or EGR frequency valve.
- (6) If DTC 00525 or 00533 is also displayed, repair that code first. Erase DTC memory and test drive vehicle to see if code resets.