DEMO - Example Workshop

Technician: Demo inspector

REPORT

VEHICLE TECHNICAL REPORT

10/25/2026

DEMO

Volkswagen Golf · 2018 · DEMO

Date
10/25/2026

Mileage
45,000 mi

Summary

- OBD codes identified: 1
- Module scan: partial · 2/5
- Inspector conclusion: Needs attention
- Recommended action: DEMO - Fictional sample, not an actual vehicle inspection. Further diagnosis is required before recommending a repair.

Scanner and scanned modules

Scanner: OBD-II scanner (demo)

- Engine ECU / PCM: Scanned · 1 fault
- ABS / ESP: Scanned · 0 faults
- Airbag: Not checked
- Automatic transmission: Not checked
- Comfort / body: Not checked
- Malfunction indicator lamp (MIL): Steady

Freeze frame

P0171: Recorded - RPM 850, Coolant temperature 190.4 F, Engine load 22%

Fault codes found: 1

P0171 - System too lean (Bank 1)

Severity: MEDIUM - schedule an inspection

The engine control system has detected a lean mixture condition on Bank 1.

Possible symptoms

- Example observation: uneven idle.

Recommended checks:

1. Record scan data and follow the vehicle manufacturer’s diagnostic procedure before replacing parts.

Mechanic's recommendation

DEMO - Fictional sample, not an actual vehicle inspection. Further diagnosis is required before recommending a repair.

Free text (notes, photo captions, work performed) is shown exactly as the inspector entered it, in their own language.

REPAIR ESTIMATE (USD)

1. P0171 / Initial diagnostic checks (demo)
Parts: $0.00 | Labor: $80.00
1 hr × $80.00/hr
Illustrative amount only; no repair or replacement part has been confirmed.

Parts: $0.00 | Labor: $80.00
Shop supplies: $0.00
Tax: Not specified
ESTIMATED TOTAL: $80.00
Total excludes unspecified taxes.

Estimate valid 14 days from the report date, until 11/8/2026.
Indicative estimate, not a binding quote. Supplier prices may change; final cost depends on checks and work authorization.

USED-CAR INSPECTION

Verdict: Needs attention

Paint thickness

Hood (Steel): 5 mils (127 µm) - may be factory paint
Roof (Steel): 4.5 mils (114.3 µm) - may be factory paint
Indicative references (model, material and gauge dependent):
3.15-5.91 mils (80-150 µm): may be factory paint
6.30-9.84 mils (160-250 µm): may indicate repainting
11.81-19.69+ mils (300-500+ µm): may indicate heavy repair / filler
Thickness alone cannot prove structural damage.

Mechanical and visual condition

- **Oil leaks: Not checked**
- **Suspension / joint play: Not checked**
- **Control arms: Not checked**
- **Shocks / struts: Not checked**
- **Ball joints: Not checked**
- **Tire condition: OK**
- **Brake condition: OK**

Documents and history

- **VIN matches documents: Yes**
- **Service records checked: Not checked**

Keys: 2
DEMO - Measurements and inspection findings are illustrative.

TEST DRIVE

Not checked - Not performed - this does not imply the absence of faults.

PHOTOS



Photo 1 - Vehicle identification - Front view - illustrative model photograph.

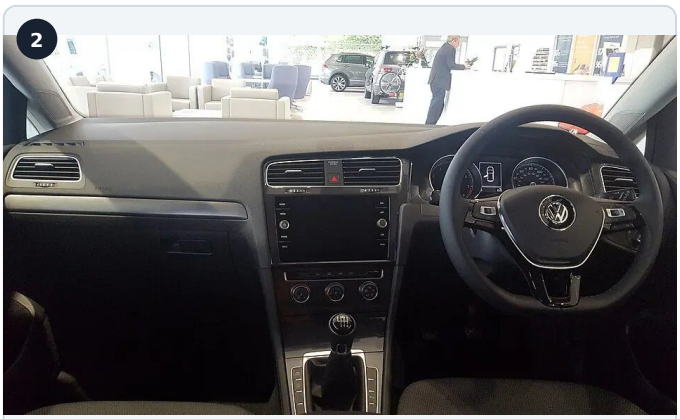


Photo 2 - Other - Interior and dashboard - illustrative model photograph.

Codes are explained according to documented OBD-II definitions. The final diagnosis must be confirmed by checks on the vehicle.

Full details for every code, free:
www.obdauto.ro