SEA **Springfield Euro Auto** EXAMPLE SHOP
service@springfield-euro-auto.example

TECHNICIAN WORKSHEET · 2.0L 8-VALVE FOUR (EA827/EA113)
RA-VW20-123456-20261028

2002 Volkswagen Jetta · Mk4 Jetta GL 2.0 sedan · FWD

3VWRK69MX2M123456

ODOMETER IN: 120,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

A · RECALLS AND CAMPAIGNS TO VERIFY (DEALER PRINTOUT OR NHTSA.GOV)

07V-063 · Brake lights · brake light switch	☐ Open ☐ Done ☐ N/A
06V-183 · Brake lights · brake light switch	☐ Open ☐ Done ☐ N/A
04V-096 · Brake lights · brake light switch	☐ Open ☐ Done ☐ N/A
02V-031 · Brakes · ABS control unit	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Four-speed automatic (01M) valve body and solenoid faults

Check now · Past the range (55,000–86,000 mi, the middle half of 203 owner reports)

Road test cold and warm	☐ OK ☐ Watch ☐ Fix
Scan the transmission module for P0753/P0758	☐ OK ☐ Watch ☐ Fix
Check fluid level at temperature	☐ OK ☐ Watch ☐ Fix

Scan for: P0753, P0758

Parts (Mk4): Ask your parts supplier for the OE part number for this VIN.

2. Ignition coil failure (misfire)

Watch · Past the range (22,000–73,000 mi, the middle half of 18 owner reports)

Scan for P0300–P0304	☐ OK ☐ Watch ☐ Fix
Misfire counters per cylinder	

Scan for: P0300, P0301, P0302, P0303, P0304

Parts (Mk4): Ask your parts supplier for the OE part number for this VIN.

3. Coolant temperature sensor, thermostat and water pump

Watch · Past the range (42,000–70,000 mi, the middle half of 23 owner reports)

Pressure-test the cooling system	☐ OK ☐ Watch ☐ Fix
Compare ECT reading with an IR thermometer	☐ OK ☐ Watch ☐ Fix
Coolant: full / low	

Scan for: P0116, P0117, P0118, P0128

Parts (Mk4): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 150,000 MI (ASK FOR RECORDS)

Spark plugs · every 40,000 mi · at 120,000 mi · $329	☐ Done (records) ☐ Due ☐ Quoted
Brake fluid · every 2 years · $149	☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 2.0L 8-VALVE FOUR (EA827/EA113), QUICK CHECKS

- **Stalling / loss of power** (350 complaints): Mixed causes in the complaint text (coils, sensors, transmission limp mode, electrical); not one engine fault.
- **Window regulators** (200 complaints): Door window regulator clips and cables (Volkswagen bulletins 0307 / 0501); a body item, not an engine fault.
- **Idle / throttle** (76 complaints): Volkswagen bulletin 0402 covers fluctuating or low idle on 2000–2002 cars; usually a throttle body cleaning and adaptation.
- **Catalytic converter** (41 complaints): Catalytic converter complaints; often follow long misfires. No program found.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Four-speed automatic (01M) valve body and solenoid faults

The 4-speed automatic (01M) used with this engine can lose its shift solenoids, valve body or the internal wiring harness, which becomes brittle with heat. At 120,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $1,500, before tax and shop supplies. Left until it fails, published repair bills run $3,650–$6,500.

Ask: have you noticed stuck in one gear (limp mode), or harsh or delayed shifts?

Adjust after the inspection. The report is not a diagnosis or a guarantee, so say what the technician found, not what the report predicts.

NOTES FOR THE ADVISOR

Record findings here (OK / Watch / Fix and measurements); the advisor adjusts the quote before the handout is printed or sent.

Reference only. Follow Volkswagen repair procedures and your shop's judgment.