SEA **Springfield Euro Auto** EXAMPLE SHOP
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TECHNICIAN WORKSHEET · 1.8T 20-VALVE (EA113)
RA-VW18T-123456-20261028

2003 Volkswagen Jetta · Mk4 Jetta GLS 1.8T sedan · FWD

3VWSE69M73M123456

ODOMETER IN: 110,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

18V-406 · Air bags · driver frontal — ☐ Open ☐ Done ☐ N/A

07V-063 · Brake lights · brake light switch — ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Timing belt and tensioner

Now · Past the range (75,000–105,000 mi, the middle half of 23 owner reports)

Look for a belt-service sticker and invoice — ☐ OK ☐ Watch ☐ Fix

Inspect the belt and tensioner through the upper cover — ☐ OK ☐ Watch ☐ Fix

Belt: records / no records

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

2. Oil sludge (oil pickup and turbo starved of oil)

Check now · Past the range (39,000–81,000 mi, the middle half of 32 owner reports)

Look under the oil filler cap for sludge — ☐ OK ☐ Watch ☐ Fix

Check warm oil pressure — ☐ OK ☐ Watch ☐ Fix

Check the turbo for oil seepage — ☐ OK ☐ Watch ☐ Fix

Filler cap: clean / sludge

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

3. Ignition coil failures (misfire)

Check now · Long past the range (9,000–29,000 mi, the middle half of 29 owner reports)

Long past the reported range: already repaired? Check the records and the part itself first — ☐ OK ☐ Watch ☐ Fix

Scan for P0300–P0304 — ☐ OK ☐ Watch ☐ Fix

Check coil part numbers against the campaign — ☐ 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.

4. Boost and intake hose leaks (P1297 / P1557)

Watch · Any mileage (Volkswagen bulletin on worn or torn intake hoses)

Smoke-test the intake and boost hoses — ☐ OK ☐ Watch ☐ Fix

Check hose clamps — ☐ OK ☐ Watch ☐ Fix

Smoke test: tight / leak

Scan for: P1297, P1557, P0171

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

FACTORY MAINTENANCE DUE BY 140,000 MI (ASK FOR RECORDS)

Spark plugs · every 40,000 mi · was due at 80,000 mi, next 120,000 mi · $329 — ☐ Done (records) ☐ Due ☐ Quoted

Brake fluid · every 2 years · $149 — ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 1.8T 20-VALVE (EA113), QUICK CHECKS

- **Stalling / loss of power** (114 complaints): Mixed causes in the complaint text (coils, fuel pump, boost leaks); not one engine fault.
- **Transmission** (98 complaints): Counts all automatic and manual transmission complaints; not an engine fault.
- **Fuel pump** (28 complaints): Includes the fuel pump recalls 06V-017 / 07V-375 on some 2003 A4 and Passat 1.8T cars; check they are done.
- **Turbocharger** (10 complaints): Turbocharger replacements; several complaints tie them to sludge or oil supply. No separate turbo program found.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Timing belt and tensioner

The 1.8T uses a rubber timing belt with a tensioner. At 110,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $1,450, before tax and shop supplies.

Ask: have you noticed engine stops and will not restart?

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2. Oil sludge (oil pickup and turbo starved of oil)

The 1.8T can build up oil sludge that blocks oil flow to the engine and turbocharger. At 110,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.

Ask: have you noticed oil pressure warning light, or blue smoke or oil in the turbo?

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3. Ignition coil failures (misfire)

The individual ignition coils on many early-2000s cars failed, causing misfires, a flashing check-engine light and a sudden loss of power. At 110,000 mi it may already have been fixed, so we check the records and the part first. Our price is $210, before tax and shop supplies.

Ask: have you noticed flashing check-engine light, or rough idle or shaking?

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.