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

TECHNICIAN WORKSHEET · 1.8/2.0 TSI EA888 GEN 1–2
RA-VWEA1-123456-20261027

2012 Volkswagen Tiguan · 5N Tiguan SE 2.0T 4Motion · AWD

WVGBV7AX4CW123456

ODOMETER IN: 108,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

14V-441 · Fuel bubbles can stall the engine (2009–2014 Tiguan) ☐ Open ☐ Done ☐ N/A

18V-329 · Former company evaluation cars ☐ Open ☐ Done ☐ N/A

15V-483 · Air bags · driver frontal (clock spring) ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Timing chain tensioner failure

Now · Past the range (67,000–100,000 mi, the middle half of 129 owner reports)

- Cold-start listen after an overnight sit ☐ OK ☐ Watch ☐ Fix
- Read cam/crank correlation values ☐ OK ☐ Watch ☐ Fix
- Check tensioner part number through the inspection port if fitted ☐ OK ☐ Watch ☐ Fix
- Cold-start rattle: none / brief / long
- Scan for: P0016, P0011, P0341
- Parts (5N): Ask your parts supplier for the OE part number for this VIN.

2. Oil consumption (piston rings)

Check now · Past the range (64,000–99,000 mi, the middle half of 50 owner reports)

- Oil consumption test over 1,000 miles ☐ OK ☐ Watch ☐ Fix
- Compression or leak-down test ☐ OK ☐ Watch ☐ Fix
- Look for oil-fouled plugs ☐ OK ☐ Watch ☐ Fix
- Oil used per 1,000 miles (quarts)
- Parts (5N): Ask your parts supplier for the OE part number for this VIN.

3. Water pump and thermostat housing leak

Check now · Past the range (45,000–95,000 mi, the middle half of 34 owner reports)

- Inspect the pump and thermostat housing for crust ☐ OK ☐ Watch ☐ Fix
- Cooling-system pressure test ☐ OK ☐ Watch ☐ Fix
- Check for oil on the pump ☐ OK ☐ Watch ☐ Fix
- Pump: dry / seep / leak
- Parts (5N): Ask your parts supplier for the OE part number for this VIN.

4. PCV / crankcase pressure regulating valve

Watch · Past the range (70,000–100,000 mi, the middle half of 20 owner reports)

- Smoke-test for vacuum leaks ☐ OK ☐ Watch ☐ Fix
- Check crankcase vacuum at idle ☐ OK ☐ Watch ☐ Fix
- Listen for whistle at the valve ☐ OK ☐ Watch ☐ Fix
- Crankcase vacuum at idle
- Scan for: P0171, P0101, P0507
- Parts (5N): Ask your parts supplier for the OE part number for this VIN.

5. Intake valve carbon build-up

Watch · Past the range (53,000–99,000 mi, the middle half of 22 owner reports)

- Borescope the intake valves ☐ OK ☐ Watch ☐ Fix
- Read misfire counters ☐ OK ☐ Watch ☐ Fix
- Valve deposits: light / heavy
- Scan for: P0300
- Parts (5N): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 138,000 MI (ASK FOR RECORDS)

Spark plugs · every 60,000 mi or 6 years · was due at 60,000 mi and by age (check records) · $329	☐ Done (records) ☐ Due ☐ Quoted
Automatic transmission fluid · every 80,000 mi · was due at 80,000 mi (check records) · From $449	☐ Done (records) ☐ Due ☐ Quoted
Brake fluid · every 2 years · $149	☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 1.8/2.0 TSI EA888 GEN 1–2, QUICK CHECKS

- **Stalling / loss of power** (490 complaints): Mixed causes (fuel system, ignition, chain); includes recall 14V-441 on Tiguans.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Timing chain tensioner failure
The timing chain tensioner can let the chain go slack. At 108,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $1,650, before tax and shop supplies. Left until it fails, published repair bills run $4,100–$8,000.
Ask: have you noticed rattle for a few seconds after a cold start, or check-engine light with cam/crank correlation codes?

2. Oil consumption (piston rings)
Some engines burn too much oil. At 108,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.
Ask: have you noticed needs a quart of oil well before the oil change, or low oil warning between services?

3. Water pump and thermostat housing leak
The plastic water pump and thermostat housing can leak coolant. At 108,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $1,090, before tax and shop supplies.
Ask: have you noticed coolant level dropping, or sweet smell after driving?

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.