SEA **Springfield Euro Auto** EXAMPLE SHOP
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2016 Audi S6 · C7 S6 sedan 4.0 TFSI V8, 7-speed S tronic, quattro · AWD

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ODOMETER IN: 92,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

22V-178 · Turbocharger oil supply strainer (engine stall) ☐ Open ☐ Done ☐ N/A

18V-370 · Air bags · passenger occupant detection sensor ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Turbochargers starved of oil (clogged oil strainer)

Check now · Past the range (49,000–71,000 mi, the middle half of 39 owner reports)

Check recall 22V-178 by VIN ☐ OK ☐ Watch ☐ Fix

Check turbo shaft play and oil residue ☐ OK ☐ Watch ☐ Fix

Scan for boost and misfire codes ☐ OK ☐ Watch ☐ Fix

Oil pressure at idle and 2,000 rpm ☐ OK ☐ Watch ☐ Fix

Recall 22V-178: done / open

Turbo shaft play: OK / excessive

Scan for: P0299, P0234, P0300

Parts (C7): Ask your parts supplier for the OE part number for this VIN.

2. Crankcase ventilation (PCV) valve

Watch · Any mileage (No clear mileage pattern: only 6 owner complaints state a mileage)

Listen for whistling at idle ☐ OK ☐ Watch ☐ Fix

Check suction at the oil filler cap ☐ OK ☐ Watch ☐ Fix

Scan for crankcase and lean codes ☐ OK ☐ Watch ☐ Fix

PCV: OK / whistling / replaced

Scan for: P0171, P0174, P0507

Parts (C7): Ask your parts supplier for the OE part number for this VIN.

3. Rear oxygen sensor failure (2016–2018)

Watch · Any mileage (2016–2018 S6, S7, RS 7, A8 and S8 4.0T: rear oxygen sensors covered to 10 years / 120,000 miles)

Scan for rear oxygen sensor faults ☐ OK ☐ Watch ☐ Fix

Check the VIN for warranty key U42 ☐ OK ☐ Watch ☐ Fix

Parts (C7): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 122,000 MI (ASK FOR RECORDS)

Spark plugs · first at 35,000 mi, then every 40,000 mi or 6 years · was due at 75,000 mi, next 115,000 mi · $329 ☐ Done (records) ☐ Due ☐ Quoted

Dual-clutch transmission fluid · every 40,000 mi · was due at 80,000 mi, next 120,000 mi · $399 ☐ Done (records) ☐ Due ☐ Quoted

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

C · ALSO REPORTED FOR THE 4.0 TFSI V8 (EA824 4.0T / EA825), QUICK CHECKS

- **Transmission (S tronic / Tiptronic)** (29 complaints): The seven-speed S tronic in the C7 S6/S7/RS 7 and the eight-speed automatic in the others; mechatronic and shift faults, not engine faults.
- **Electrical / battery** (16 complaints): Battery and electrical warnings; on the second-generation cars partly the 48-volt mild-hybrid system.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Turbochargers starved of oil (clogged oil strainer)
Both turbos sit in the V of the engine and are fed through a small oil strainer. At 92,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $165, before tax and shop supplies.
Ask: have you noticed sudden loss of power or rough idle, or engine stalls at low speed and is hard to restart?

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 Audi repair procedures and your shop's judgment.