SAC **Springfield Auto Care** EXAMPLE SHOP
service@springfield-auto-care.example

TECHNICIAN WORKSHEET · 2.5L EJ25
RA-SUBEJ-123456-20261027

2010 Subaru Forester · SH Forester 2.5X (2.5L non-turbo) · AWD

JF2SH6BC9AH123456

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

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

22V-838 · Seat belts · front force limiters	☐ Open ☐ Done ☐ N/A
20V-003 · Air bags · passenger frontal inflator (earlier replacement)	☐ Open ☐ Done ☐ N/A
20V-002 · Air bags · passenger frontal inflator (earlier replacement)	☐ Open ☐ Done ☐ N/A
20V-001 · Air bags · passenger frontal inflator (earlier replacement)	☐ Open ☐ Done ☐ N/A
19V-009 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
19V-008 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
19V-007 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
18V-013 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
18V-012 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
17V-014 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
16V-358 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
14V-830 · Brakes · brake lines (follow-up, salt states)	☐ Open ☐ Done ☐ N/A
14V-311 · Brakes · brake lines (salt states)	☐ Open ☐ Done ☐ N/A
12V-099 · Seat belts · rear center (child seat)	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Timing belt and water pump (interference engine)

Now · Past the range (Every 105,000 miles (Subaru 2.5L interval, trade article))

Look for a belt-service sticker or invoice	☐ OK ☐ Watch ☐ Fix
Listen for tensioner or idler noise; check the water pump weep hole	☐ OK ☐ Watch ☐ Fix

Belt: done (miles) / unknown

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

2. Head gaskets (external coolant or oil leaks)

Check now · Past the range (65,000–105,000 mi, the middle half of 95 owner reports)

Inspect the head-to-block seams for coolant or oil	☐ OK ☐ Watch ☐ Fix
Combustion-gas test on the coolant	☐ OK ☐ Watch ☐ Fix
Cooling-system pressure test	☐ OK ☐ Watch ☐ Fix

Head seam: dry / seep / wet

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

3. White smoke and oil burning (valve guide machining), 2010–2011

Watch · Any mileage (2010 Forester and 2011 Legacy, Outback and Impreza 2.5)

Oil-consumption test	☐ OK ☐ Watch ☐ Fix
Check plugs 1 and 4 for oil fouling	☐ OK ☐ Watch ☐ Fix

Smoke: none / white

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

4. Oil seepage at the oil filler tube O-ring

Watch · Past the range (53,000–90,000 mi, the middle half of 16 owner reports)

Inspect the filler tube base and valve cover edge	☐ OK ☐ Watch ☐ Fix

Filler tube: dry / wet

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

FACTORY MAINTENANCE

Not on this report for this car. Check the service records and the maker's schedule (brake fluid, spark plugs, coolant, transmission fluid).

☐ Records checked ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 2.5L EJ25, QUICK CHECKS

- **Transmission** (726 complaints): Counts every transmission complaint (4-speed automatic, 2010–2012 CVT); not an engine fault. The CVT extension 16-107-17R covered 2010–2015 Legacy/Outback.
- **Catalytic converter** (44 complaints): Subaru ran software and catalytic converter service programs (WVM-23, WQD-40, WVH-18) on some 2005–2009 PZEV models; check the VIN.
- **Timing belt** (27 complaints): A timing belt engine; we did not find a Subaru document with the interval in the NHTSA files. Follow the owner's maintenance schedule.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Timing belt and water pump (interference engine)
The EJ25 uses a rubber timing belt with its tensioner and idlers, and it is an interference engine, so a broken belt lets the valves hit the pistons. At 120,000 mi it is due, unless the records show it done.
Ask: have you noticed whine or rattle from a worn tensioner or idler, or coolant seep at the water pump?

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2. Head gaskets (external coolant or oil leaks)
The EJ25 is known for head gasket failure. 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 $2,000, before tax and shop supplies.
Ask: have you noticed coolant level dropping, or oily residue in the coolant overflow bottle?

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.