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

TECHNICIAN WORKSHEET · 2.5L EJ255/EJ257 TURBO
RA-EJ25T-123456-20261028

2012 Subaru WRX · GV (2011–2014 WRX sedan) · AWD

JF1GV7E6XCG123456

ODOMETER IN: 95,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

16V-738 · Secondary air pump relay may fail and overheat the pump	☐ Open ☐ Done ☐ N/A
20V-003 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
20V-002 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
20V-001 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
19V-297 · Ignition switch · replacement part	☐ 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-012 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
17V-014 · Air bags · passenger frontal inflator	☐ Open ☐ Done ☐ N/A
14V-830 · Brakes · brake lines (salt states)	☐ Open ☐ Done ☐ N/A
14V-311 · Brakes · brake lines (salt states)	☐ Open ☐ Done ☐ N/A

08V-460 (Turbo oil supply pipes may be assembled wrong): not listed by NHTSA for MY2012. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Rod and main bearing failure (engine knock)

Check now · Past the range (7,000–55,000 mi, the middle half of 19 owner reports)

Listen for bottom-end knock warm and cold	☐ OK ☐ Watch ☐ Fix
Check oil level and look for metal in the oil or filter	☐ OK ☐ Watch ☐ Fix
Ask for oil-change records	☐ OK ☐ Watch ☐ Fix

Bottom end: quiet / knock

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

2. Oil supply filters and lines (AVCS and turbo)

Check now · Past the range (38,000–91,000 mi, the middle half of 18 owner reports)

Scan for AVCS (cam timing) codes	☐ OK ☐ Watch ☐ Fix
Check turbo shaft play and for oil in the intake	☐ OK ☐ Watch ☐ Fix

Turbo shaft play: ok / excessive

Scan for: P0011, P0021, P0016, P0018

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

3. Secondary air pump and valves

Check now · Any mileage (Turbo models 2006–2014; relay recall 16V-738 for 2007–2009 Legacy/Outback, 2008–2014 Impreza/WRX/STI and 2009–2013 Forester turbo)

Scan for P0411 / P1410 / P2440	☐ OK ☐ Watch ☐ Fix
Listen for the pump at cold start	☐ OK ☐ Watch ☐ Fix

Pump: ok / noisy / dead

Scan for: P0411, P1410, P2440

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

4. Cracked piston ring lands — Watch · Any mileage (Subaru reprogrammed the 2008 WRX STI ECM for this)

Compression and leak-down test ☐ OK ☐ Watch ☐ Fix

Scan for misfire codes ☐ OK ☐ Watch ☐ Fix

Compression: even / low cylinder

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

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

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5. Clutch and release bearing (manual) — Watch · Past the range (22,000–85,000 mi, the middle half of 28 owner reports)

Road test for slip at high gear ☐ OK ☐ Watch ☐ Fix

Listen at the bell housing with the pedal pressed ☐ OK ☐ Watch ☐ Fix

Clutch: ok / slipping / noisy

Parts (GV): 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 EJ255/EJ257 TURBO, QUICK CHECKS

- **Fuel smell / fuel leak** (39 complaints): Mostly 2004–2005 STI owners reporting cold-weather fuel line seepage; Baja hoses were recalled (09V-277). Check for fuel smell at cold start.
- **Oil consumption** (34 complaints): Some owners report it, usually alongside ring land or turbo seal damage; covered by those weak points.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Rod and main bearing failure (engine knock)
Subaru found a condition that can lead to crankshaft bearing (main or connecting rod) failures on the turbocharged 2.5L EJ. At 95,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.
Ask: have you noticed knock from the bottom of the engine that rises with rpm, or oil pressure light?

2. Oil supply filters and lines (AVCS and turbo)
Small filters in the union (banjo) screws feed oil to the valve-timing (AVCS) oil control valves. At 95,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.
Ask: have you noticed rough idle, or rpm does not rise smoothly?

3. Secondary air pump and valves
The secondary air system pumps air into the exhaust on cold starts. Owners report it at all mileages, so it is worth a look at every visit. Our price is $900, before tax and shop supplies.
Ask: have you noticed check-engine light with P0411, P1410 or P2440, or pump keeps humming after shut-off?

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 Subaru repair procedures and your shop's judgment.