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

TECHNICIAN WORKSHEET · 6.0L / 6.4L POWER STROKE
RA-FD60PS-123456-20261027

2005 Ford F-250 Super Duty · F-250 XLT Crew Cab 6.0 Power Stroke 4x4 · 4WD

1FTSW21P15E123456

ODOMETER IN: 125,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

05V-270 · 6.0L diesel can stall while driving (wiring) ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Clogged engine oil cooler (6.0L)

Check now · Past the range (30,000–89,000 mi, the middle half of 24 owner reports)

Compare engine oil and coolant temperatures (EOT vs. ECT) warm, under load ☐ OK ☐ Watch ☐ Fix

EOT–ECT gap: under 10°F / 10–15°F / over 15°F

Parts (SD Gen 1): Ask your parts supplier for the OE part number for this VIN.

2. Head gaskets (torque-to-yield head bolts, 6.0L)

Check now · Past the range (65,000–91,000 mi, the middle half of 12 owner reports)

Combustion-gas test on the coolant ☐ OK ☐ Watch ☐ Fix

Watch the degas bottle for bubbles under load ☐ OK ☐ Watch ☐ Fix

Coolant: no gas / combustion gas present

Parts (SD Gen 1): Ask your parts supplier for the OE part number for this VIN.

3. EGR cooler and EGR valve

Check now · Past the range (40,000–89,000 mi, the middle half of 34 owner reports)

Cooling-system pressure test ☐ OK ☐ Watch ☐ Fix

Check for coolant in the intake / EGR cooler ☐ OK ☐ Watch ☐ Fix

Coolant: steady / dropping

Scan for: P0401, P0402, P0404, P1335

Parts (SD Gen 1): Ask your parts supplier for the OE part number for this VIN.

4. Fuel injection control module (FICM)

Watch · Past the range (41,000–63,000 mi, the middle half of 10 owner reports)

Check FICM output voltage while cranking ☐ OK ☐ Watch ☐ Fix

Battery load test ☐ OK ☐ Watch ☐ Fix

FICM voltage: ok / low

Scan for: P0611, P1378

Parts (SD Gen 1): Ask your parts supplier for the OE part number for this VIN.

5. Fuel injectors (hard start, rough running)

Watch · Past the range (34,000–96,000 mi, the middle half of 42 owner reports)

Cylinder contribution / balance test ☐ OK ☐ Watch ☐ Fix

Scan for: P0611, P1378, P0263

Parts (SD Gen 1): 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 6.0L / 6.4L POWER STROKE, QUICK CHECKS

- **Stalling / loss of power** (334 complaints): Mixed causes: FICM, injectors, turbo and fuel supply.
- **Turbo** (122 complaints): Ford issued turbocharger carbon-deposit service tips for the 6.0L (TSB 08-2-11); owners report sticking vanes and lost power.
- **Radiator (6.4L)** (38 complaints): Ford added a cooling-system venturi tee to some 2008 6.4L trucks because the radiator could crack (program 08B06); check the VIN.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Clogged engine oil cooler (6.0L)

The 6.0L oil cooler has small coolant passages that clog. At 125,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $1,500, before tax and shop supplies.

Ask: have you noticed engine oil temperature running well above coolant temperature when warm, or EGR cooler failure?

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2. Head gaskets (torque-to-yield head bolts, 6.0L)

The factory head bolts are torque-to-yield and the engine has few of them per cylinder. At 125,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.

Ask: have you noticed coolant pushed out of the degas bottle, or pressurized cooling system?

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3. EGR cooler and EGR valve

The EGR cooler can rupture and let coolant into the intake. At 125,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $2,400, before tax and shop supplies.

Ask: have you noticed white smoke with a sweet smell, or coolant loss with no outside leak?

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.