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

TECHNICIAN WORKSHEET · SMARTSTREAM G2.5 / G1.6T
RA-SMST-123456-20261027

2021 Hyundai Sonata · DN8 Sonata SEL 2.5 sedan · FWD

5NPEG4JA8MH123456

ODOMETER IN: 58,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

25V-796 · Fuel tank can melt after check valve damage (2020–2023 Sonata) ☐ Open ☐ Done ☐ N/A

Factory powertrain warranty · may still apply (Hyundai usually 10 years or 100,000 mi, original owner). Check the in-service date before quoting engine or transmission work; covered repairs go to a Hyundai dealer. ☐ Covered ☐ Expired ☐ Unknown

25V-794 (Fuel tank can melt after check valve damage (2021–2024 K5)): not listed by NHTSA for MY2021. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Fuel tank check valve: tank can swell and melt (recall)

Check now · Any mileage (2020–2023 Sonata and 2021–2024 K5)

- Check the VIN for open recalls ☐ OK ☐ Watch ☐ Fix
- Look at the tank and heat shield from below ☐ OK ☐ Watch ☐ Fix
- Tank: normal / swollen
- Scan for: P0451
- Parts (DN8): Ask your parts supplier for the OE part number for this VIN.

2. GDI fuel injectors leak internally (misfires)

Check now · Past the range (22,000–44,000 mi, the middle half of 69 owner reports)

- Scan for P030X ☐ OK ☐ Watch ☐ Fix
- Misfire counters by cylinder ☐ OK ☐ Watch ☐ Fix
- Scan for: P0300, P0301, P0302, P0303, P0304
- Parts (DN8): Ask your parts supplier for the OE part number for this VIN.

3. Oil consumption

Watch · Any mileage (All Hyundai engines; bulletin dated October 2026)

- Check oil level and look for leaks first ☐ OK ☐ Watch ☐ Fix
- Oil used per 1,000 miles
- Parts (DN8): Ask your parts supplier for the OE part number for this VIN.

4. Integrated thermal management valve (P2181)

Watch · Any mileage (2020–2023 Sonata 2.5L GDI and 2.5T)

- Scan for P2181 ☐ OK ☐ Watch ☐ Fix
- Check coolant level ☐ OK ☐ Watch ☐ Fix
- Scan for: P2181
- Parts (DN8): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 88,000 MI (ASK FOR RECORDS)

Brake fluid · every 48,000 mi or 4 years · was due at 48,000 mi and by age (check records) · $129 ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE SMARTSTREAM G2.5 / G1.6T, QUICK CHECKS

- **Battery / electrical** (745 complaints): Battery drain and electrical complaints; not one engine fault.
- **Transmission** (492 complaints): Mixed transmission complaints; the oil pump items are covered above.
- **Stalling / loss of power** (436 complaints): Mixed causes; includes misfires, the electric oil pump and engine failures.
- **Engine fire** (150 complaints): Includes fuel-tank and oil-pump recall concerns; check the VIN for open recalls.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Fuel tank check valve: tank can swell and melt (recall)

A damaged check valve can let air into the fuel tank. Owners report it at all mileages, so it is worth a look at every visit. A recall or warranty extension may pay for it: we check the VIN.

Ask: have you noticed fuel smell, or check-engine light (P0451 on Sonata)?

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2. GDI fuel injectors leak internally (misfires)

A filter inside the direct injectors can break, so the injector leaks internally and the engine misfires (P0300–P0304). At 58,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $820, before tax and shop supplies.

Ask: have you noticed rough running or shaking, or check-engine light, sometimes flashing?

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.