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

TECHNICIAN WORKSHEET · 1.6L GAMMA / 1.8–2.0L NU
RA-KIANU-123456-20261027

2014 Kia Soul · PS Soul base (1.6L GDI) · FWD

KNDJN2A29E7123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
100,000			

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

19V-120 · Catalytic converter overheating can damage the pistons (2012–2016 Soul 1.6 GDI)	☐ Open ☐ Done ☐ N/A
20V-750 · Engine compartment fire (2012–2015 Forte / Koup, 2014–2015 Soul)	☐ Open ☐ Done ☐ N/A
22V-096 · Air bags · front impact sensors	☐ Open ☐ Done ☐ N/A
17V-608 · Steering gear · pinion plug	☐ Open ☐ Done ☐ N/A
15V-123 · Accelerator pedal	☐ Open ☐ Done ☐ N/A

20V-746 (Rod bearings may wear early (2015–2016 Veloster)): not listed by NHTSA for MY2014. Confirm on the dealer printout.

21V-301 (Piston oil rings not heat-treated (2019–2020 Elantra, 2019–2021 Kona and Veloster 2.0 MPI)): not listed by NHTSA for MY2014. Confirm on the dealer printout.

21V-259 (Piston oil rings not heat-treated (2020–2021 Soul, 2021 Seltos 2.0 MPI)): not listed by NHTSA for MY2014. Confirm on the dealer printout.

25V-099 (Piston oil rings made incorrectly (2021–2023 Seltos and Soul)): not listed by NHTSA for MY2014. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Connecting-rod bearing wear (Gamma 1.6 GDI and Nu 2.0 GDI)

Check now · Inside the range (55,000–106,000 mi, the middle half of 555 owner reports)

Check the VIN for campaign 966 / PI2002 and open recalls	☐ OK ☐ Watch ☐ Fix
Scan for P1326	☐ OK ☐ Watch ☐ Fix
Listen for rod knock at warm idle	☐ OK ☐ Watch ☐ Fix

Rod knock: none / faint / loud

Scan for: P1326

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

2. Catalytic converter damage (P0420) and engine damage, Soul 1.6 GDI

Check now · Inside the range (60,000–107,000 mi, the middle half of 107 owner reports)

Scan for P0420 and misfire codes	☐ OK ☐ Watch ☐ Fix
Check the VIN for 19V-120 / SC176Y	☐ OK ☐ Watch ☐ Fix

Scan for: P0420, P0300, P0301, P0302, P0303, P0304

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

3. Excessive oil consumption

Watch · Inside the range (62,000–115,000 mi, the middle half of 225 owner reports)

Check oil level	☐ OK ☐ Watch ☐ Fix
Look for leaks first	☐ OK ☐ Watch ☐ Fix

Oil used per 1,000 miles

Parts (PS): 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 1.6L GAMMA / 1.8–2.0L NU, QUICK CHECKS

- **Stalling / loss of power** (2537 complaints): Mixed causes; many are engine failures from bearing wear.
- **Steering** (1938 complaints): Electric power-steering coupling complaints; not an engine fault.
- **Engine fire** (1204 complaints): Includes recall 20V-750 (Forte / Soul engine-bay fire); check it is done.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Connecting-rod bearing wear (Gamma 1.6 GDI and Nu 2.0 GDI)

The connecting-rod bearings can wear and knock, then fail. At 100,000 mi your car is in the mileage range where owners report it. A recall or warranty extension may pay for it: we check the VIN.

Ask: have you noticed knocking that rises with engine speed, or flashing check-engine light with P1326 and reduced power?

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2. Catalytic converter damage (P0420) and engine damage, Soul 1.6 GDI

High exhaust temperatures can break down the catalytic converter. At 100,000 mi your car is in the mileage range where owners report it. A recall or warranty extension may pay for it: we check the VIN.

Ask: have you noticed check-engine light with P0420, or misfire codes P0300–P0304?

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.