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

2015 Kia Sorento at 110,000 mi

5XYKU4A75FG123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Sorento · XM Sorento EX V6 AWD (3.3L GDI)	Hyundai/Kia Lambda and Lambda II V6 (3.3L, 3.5L and 3.8L, MPI and GDI)	110,000 mi	AWD
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 27, 2026	Shop	Sample Owner

VIN check: check digit valid; model-year code 'F' = 2015, matches the year entered. The VIN doesn't record the build month. Sample report: synthetic VIN.

1 · SUMMARY

What this car needs, in order

Each item compares this car's mileage with when owners and shops report the part failing. It is not an inspection: our technician decides what the car actually needs.

1	0	1
inspection recommended now	to plan in the next 30,000 miles	to watch or check at each service

Safety recalls NHTSA lists for this model year (2)

- **21V-331** · ABS control unit · brake fluid leak (follow-up): Brake fluid can leak inside the ABS control unit and cause a short, a fire risk while parked or driving.
- **20V-519** · ABS control unit · brake fluid leak: Brake fluid can leak inside the ABS control unit and cause a short, a fire risk.

A model-year list, not a VIN check. Repairs are free at a Kia dealer if open. Check this VIN at nhtsa.gov/recalls.

Step 0 · Free: run the VIN at nhtsa.gov/recalls and ask a Kia dealer for a campaign printout. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service — **$140**

Inspection: check now, while it's cheaper to fix — **$140**

inspection EXAMPLE

Head gasket coolant leak (Kia 3.3L GDI): Past the range (78,000–107,000 mi, the middle half of 27 owner reports) · **may be free at a Kia dealer** (free under WTY039 (15 yr / 180k mi)) · if it fails outside that coverage: $870–$1,420 labor only, parts extra

Known weak point for this engine, not a finding on your car. The inspection shows whether yours has early signs.

Next 12 months up to about 122,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 140,000 mi

Nothing else enters its reported range in this window.

Watch inspect at each service, fix on condition, or optional

Oil pressure switch leak

Free if covered check the VIN

Inside the range (27,000–121,000 mi, the middle half of 15 owner reports) · Ask for this check at every service

Recommended now

$140

Springfield Auto Care prices (example)

Planned through 140,000 mi

$140

Nothing else on the list before 140,000 mi. Now + next 12 months + next 30,000 miles. Excludes “watch” and optional items.

Prices are Springfield Auto Care's estimates for typical parts and labor. They don't include tax, shop supplies or disposal fees, and may change after inspection or if part prices change. Not a written repair estimate: Springfield Auto Care confirms the price and gets your OK before any work.

Bundled jobs are priced together because the labor overlaps. Routine service (oil, brakes, tires) isn't included; factory fluid and spark plug intervals are listed below.

FACTORY MAINTENANCE

The maker's maintenance schedule isn't on this report

This report doesn't include the maker's scheduled maintenance for this car yet, so brake fluid, spark plugs, coolant and transmission fluid aren't listed even when they're due. Check the service records and the maker's schedule for this car.

WHERE 110K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Head gasket coolant leak (Kia 3.3L GDI)	78,000–107,000 mi (middle half of 27 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	Past the range
2	Oil pressure switch leak	27,000–121,000 mi (middle half of 15 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	Inside the range

Colors compare mileage with reported failures, not the car's condition. Red: past the range. Amber: inside or approaching. Green: below, or not listed for a recall.

2 · RECALLS AND BULLETINS

Recalls to check for this 2015 Kia Sorento

Safety recall repairs are free at Kia dealers. Nothing here can tell whether a recall is open or already done on this VIN; only the official VIN lookup or a dealer can.

Official VIN check (2 minutes)

1. Go to nhtsa.gov/recalls and enter 5XYKU4A75FG123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Kia dealer for a campaign printout; it also lists completed campaigns.

3.3L / 3.5L / 3.8L LAMBDA V6 RECALLS WE TRACK

Other 3.3L / 3.5L / 3.8L Lambda V6 recalls we track, not listed by NHTSA for this model and year: 14V-415 (front valve cover gasket oil leak can kill the alternator (2007–2012 Veracruz)).

EVERY RECALL NHTSA LISTS FOR THE 2015 KIA SORENTO (2)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
21V-331	ABS control unit · brake fluid leak (follow-up)	Brake fluid can leak inside the ABS control unit and cause a short, a fire risk while parked or driving. Details
20V-519	ABS control unit · brake fluid leak	Brake fluid can leak inside the ABS control unit and cause a short, a fire risk. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: SORENTO. Safety categories (air bags, fire, brakes, stalling, roll-away and loss of control) are listed first; listings whose NHTSA text names another engine, or an aftermarket part, go last. OFFICIAL

Left out of this list (SORENTO): 18V-907 (high-pressure fuel pipe) covers cars that got a replacement 2.4L or 2.0L turbo engine under recall 17V-224 or the knock-sensor campaign; it does not cover this V6 and is left out of this sample. A VIN check would show it if it applied.

SERVICE ACTIONS, BULLETINS AND WARRANTY PROGRAMS

Manufacturer bulletins and warranty programs for this engine are cited on each weak point in section 4, where they apply.

4 · THE 2 WEAK POINTS

Each weak point, one card each

Every figure carries its source. Retailer part numbers are shown only when the retailer lists them for this chassis (XM). Left out because they apply to other models, years, engine sizes or body codes: Engine noise and bearing / crankshaft damage (Santa Fe 3.3L GDI); High-pressure fuel pump (P0088, rough running); Valve springs can break (2024 Telluride and Palisade, recalled).

1 Head gasket coolant leak (Kia 3.3L GDI)

Past the range

Severity: High: overheating, stalls, limp mode or a big bill · 184 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 110,000 mi this car is past the reported range (78,000–107,000 mi (middle half of 27 owner complaints that state a mileage)). If the original parts are still fitted, have them checked and plan for them. Range: 78,000–107,000 mi (middle half of 27 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: 2014–2015 Sorento, 2014–2017 Cadenza, 2015–2016 Sedona; covered to 15 years / 180,000 miles

WHAT FAILS OFFICIAL [4]

Under severe use the engine can leak coolant at the cylinder head gasket. Kia inspects it and, if it fails, replaces the engine sub-assembly under an extended warranty.

SYMPTOMS

- Coolant level dropping
- Sweet coolant smell
- Temperature gauge near H

IF IT'S LEFT TOO LONG

Driving with the leak can overheat and damage the engine.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Free at a Kia dealer inside 15 years / 180,000 miles; stop and tow if it overheats.

ESTIMATED REPAIR COST

Free under WTY039 (15 yr / 180k mi)	**Free if covered** OFFICIAL [4] published independent-shop range
Labor only, 8.7–8.9 h Kia warranty time plus an engine sub-assembly	**$870–$1,420** OUR ESTIMATE [4][8] labor only, parts extra

Where the numbers come from: Free under Kia warranty extension WTY039 inside 15 years / 180,000 miles from the date the car was first put in service, inspection included [4]. If it fails outside the extension: Estimate: Kia warranty labor time of 8.7–8.9 h (bulletin [4]) × $100–$160/h independent-shop labor rate [8]. Parts are extra unless stated; check the VIN for open warranty coverage first. Computed from 23 NHTSA owner complaints that quote a repair bill for this problem (middle half of the bills; median $8,000). Examples: ODI 11162618, 11576669, 11566569, 11597360. Owner-reported, often dealer prices; not shop quotes.

PARTS FOR XM

- Ask your parts supplier for the OE part number for this VIN.

QUESTIONS TO ASK US

- Any coolant top-ups or overheating?

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2 Oil pressure switch leak

Inside the range

Severity: Medium: leaks and wear · 371 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

At 110,000 mi this car is inside the reported range (27,000–121,000 mi (middle half of 15 owner complaints that state a mileage)), 83,000 miles past where reports start. Range: 27,000–121,000 mi (middle half of 15 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: 2014–2018 Sorento, 2014–2016 Cadenza and 2015–2018 Sedona 3.3L GDI (Kia ENG237); covered to 15 years / 150,000 miles

WHAT FAILS OFFICIAL [5]

The oil pressure switch can leak oil. Kia extended coverage on the switch replacement.

SYMPTOMS

- Oil drips at the front of the engine
- Burning-oil smell

IF IT'S LEFT TOO LONG

A steady leak lowers the oil level; oil can reach hot parts.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Free inside the extension; check the VIN.

ESTIMATED REPAIR COST

Free under WTY026 (15 yr / 150k mi)	**Free if covered** OFFICIAL [5] published independent-shop range
Labor only, 1.8 h Kia warranty time plus the switch	**$180–$290** OUR ESTIMATE [5][8] labor only, parts extra

Where the numbers come from: Estimate: Kia warranty labor time of 1.8 h (bulletin [5]) × $100–$160/h independent-shop labor rate [8]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR XM

- Ask your parts supplier for the OE part number for this VIN.

QUESTIONS TO ASK US

- Any oil spots?

5 · ALSO REPORTED, NOT RANKED

Other themes in 3.3L / 3.5L / 3.8L Lambda V6 owner complaints

Every NHTSA complaint theme with 10 or more counted reports is either a weak point above or explained here.

THEME	COMPLAINTS	WHY IT ISN'T A WEAK POINT
Brakes	2,169	Brake complaints on these vehicles; not an engine fault.
Stalling / loss of power	960	Mixed causes: engine failures, the fuel pump and electrical faults.

How this report is built

Inputs. VIN, model year, model, mileage and build month (if entered). Model and engine are checked with NHTSA's vPIC decoder.

Mileage positions. Below: more than 10,000 miles before the reported range. Approaching: within 10,000. Inside: in the range, or past the start of an open-ended range. Past: beyond the top of the range. These bands are our rules, not an industry standard.

The plan. Critical items inside or past their range go first; high-severity items follow, and jobs that share labor are bundled. At most three jobs land in “Recommended now”. Leaks that are cheap to watch are fixed on condition; inspections are asked for at each service.

Costs. Published independent-shop ranges from shop quotes, retailer prices and owner reports. Shop prices come from the issuing shop. The worst-case cost of every item failing is not shown: it isn't an expected cost.

Labels. `OFFICIAL` NHTSA/Kia documents · `SHOP/RETAILER` parts prices and shop articles · `FORUM/BLOG` owner forums and blogs · `COMPUTED FROM NHTSA DATA` our analysis of NHTSA data · `OUR ESTIMATE` ours.

NHTSA complaint data. Pulled Oct 28, 2026 from NHTSA's complaints API for Santa Fe 2007–2009 complaints that mention the 3.3, 2010–2019 Santa Fe, 2006–2010 Sonata and 2011–2020 Sorento complaints that mention the V6; Genesis sedan complaints that do not mention the V8 or coupe; G80 2017–2020 and Borrego complaints that do not name the V8, turbo or Sport; K900 complaints that mention the V6; all Azera, Entourage, Veracruz, Palisade, 2007–2009 Sorento, Sedona, Amanti, Telluride and Cadenza complaints. Filtered nameplates under-count: 10,686 complaints. Some of these nameplates were sold with other engines too. For some we kept only complaints whose text names this engine (which under-counts); for others we left out complaints that name another engine or a hybrid (so a few about other engines can remain). Themes are keyword matches on the complaint text.
`COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Brakes	2,169	Also reported
Stalling / loss of power	960	Also reported
Engine knock / seizure / failure	625	Other years or engine sizes
Oil leak	371	Item 2
Head gasket / coolant loss / overheating	184	Item 1
Fuel pump / P0088	47	Other years or engine sizes

Limits: complaints are self-reported and not adjusted for cars sold; keyword matching over- and under-counts; owners rarely file safety complaints about oil seeps, so leaks look rarer than they are.

SOURCES

1. NHTSA owner complaints for 2007–2019 Santa Fe / Santa Fe XL (V6), 2006–2010 Sonata V6, 2006–2017 Azera, 2007–2008 Entourage, 2007–2012 Veracruz, 2009–2016 Genesis sedan (V6), 2017–2020 Genesis G80 3.8, 2020–2025 Palisade, 2007–2009 and 2011–2020 Sorento (V6), 2006–2021 Sedona, 2007–2009 Amanti, 2009–2011 Borrego (V6), 2015–2017 K900 V6, 2020–2025 Telluride and 2014–2019 Cadenza, pulled Oct 27–28, 2026 (ODI numbers in the cost notes) OFFICIAL
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Hyundai 26-EM-002H: Santa Fe / Santa Fe XL 3.3L Lambda II GDI engine noise inspection and replacement (warranty extension TXX8, 15 years / 150,000 miles) (2026-02-10), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2026/MC-11028951-0001.pdf

3. Hyundai TXX8 owner letter: 2013–2019 Santa Fe / Santa Fe XL 3.3L GDI: engine warranty extended to 15 years / 150,000 miles for abnormal engine noise or damage (2024-12-31), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11012335-0001.pdf

4. Kia TSB ENG254 Rev 7 (WTY039): Engine sub-assembly inspection/replacement for coolant leak at the cylinder head gasket, 2014–2015 Sorento, 2014–2017 Cadenza, 2015–2016 Sedona 3.3L GDI; coverage 15 years / 180,000 miles (2025-12-17), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11026823-0001.pdf

5. Kia TSB ENG237 Rev 1 (WTY026): Oil pressure switch leak, 2014–2018 3.3L GDI models; coverage extended to 15 years / 150,000 miles (2022-09-16), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2022/MC-10220349-0001.pdf

6. Kia TSB FUE067 Rev 2 (WTY034): High-pressure fuel pump replacement (DTC P0088), 2019–2021 Sedona, 2017–2020 Cadenza, 2019–2020 Sorento 3.3L; coverage 15 years / 180,000 miles (2025-03-27), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11016063-0001.pdf

7. NHTSA recall records: 17V-578, 17V-586 (2017 Santa Fe / Sorento 3.3 crankshaft), 24V-077, 24V-106 (2024 Telluride / Palisade valve springs), 14V-415 and 20V-705 (Veracruz valve cover gasket oil leak), checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=17V578000

8. Tekmetric: average auto repair labor rates by state, 2026 SHOP/RETAILER
https://tours.tekmetric.com/answers/average-auto-repair-labor-rates-by-state-2026

9. fueleconomy.gov: 2011 Kia Borrego (3.8L V6 and 4.6L V8), checked Oct 28, 2026 OFFICIAL
https://www.fueleconomy.gov/feg/bymodel/2011_Kia_Borrego.shtml

This report contains no affiliate links; retailer prices are quoted as price sources only. Found an error? Email hello@repairahead.com.

PLEASE READ

Important

Based on public records and published repair costs. Not a diagnosis or a guarantee. Your technician's inspection decides what your car needs. Confirm recalls with a dealer using your VIN.

Informational only. This report is not a mechanical inspection, a diagnosis, or professional, legal or financial advice. It was issued by Springfield Auto Care using RepairAhead data; the inspection findings and prices are the shop's.

Reported ranges and estimates, not predictions

Failure mileages are reported ranges compiled from public owner complaints, manufacturer bulletins, recalls and repair-shop reports. Costs are estimates. Parts can fail earlier, later or not at all, and other problems can occur. Statistics from owner complaints describe past reports to NHTSA; NHTSA has not reviewed or endorsed this analysis.

Safety issues go to a dealer

If you notice overheating, a burning or fuel smell, smoke, a brake-assist problem, stalling or loss of power, pull over when it's safe and contact a Kia dealer or qualified shop. Safety recall repairs are free at Kia dealers. Confirm recalls for this VIN at nhtsa.gov/recalls.

No warranty

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