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

2015 Hyundai Genesis at 102,000 mi

KMHGN4JFXFU123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Genesis · DH Genesis 5.0 Ultimate sedan	Hyundai/Kia/Genesis Tau V8 (4.6L and 5.0L)	102,000 mi	RWD
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.

0
jobs recommended now

0
to plan in the next 30,000 miles · plus 1 factory maintenance item

4
to watch or check at each service

Safety recalls NHTSA lists for this model year (5 of 7)

- **26V-664** · Seats · front power seat motor: A stuck power-seat switch can overheat the seat motor and start a fire, parked or driving.
- **24V-107** · Electrical · starter solenoid: Water can enter the starter solenoid and short it, which can start an engine-bay fire.
- **21V-160** · Brakes · ABS module: The ABS module can short circuit and start an engine-bay fire, parked or driving.
- **17V-359** · Parking brake · warning light: The parking brake light may not come on, so the car can be driven with the brake partly applied.
- **15V-864** · Tires · sidewall: Cracks in the sidewalls of the original Hankook tires can cause sudden air loss.

A model-year list, not a VIN check. The full report lists the others. Repairs are free at a Hyundai dealer if open. Check this VIN at nhtsa.gov/recalls.

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

Recommended now at the next service

Good news: nothing on the 4.6 / 5.0L Tau V8 watch list is due at this mileage. Worth a fresh look at about 112,000 mi.

Next 12 months up to about 114,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 132,000 mi

Nothing else enters its reported range in this window.

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

8-speed automatic: shift solenoids and E-module **$600**
Any mileage (2012–2016 Genesis sedan 4.6/5.0, 2012–2016 Equus, 2017 G80, 2015–2016 K900) · Inspect at each service; fix at the first sign
our price `EXAMPLE`

Coolant leak at the transmission fluid warmer connector **Ask us for a quote**
Any mileage (2014–2016 Genesis 5.0, 2017–2018 G80 and G90 5.0) · Inspect at each service; fix at the first sign

Oil consumption (V8: engine replacement if over the limit) **$85**
Any mileage (All Hyundai and Genesis engines; V8 guidance added October 2026) · Ask for this check at every service
our price `EXAMPLE`

Airbag control unit fault (2015–2016 Genesis)
Any mileage (2015–2016 Genesis: airbag control unit covered to 15 years, unlimited miles) · Ask for this check at every service
`Free if covered` check the VIN

Recommended now

No repairs due now

Springfield Auto Care prices (example)

Planned through 132,000 mi

From $179

Now + next 12 months + next 30,000 miles, with the factory maintenance on this report if the records don’t show it done. 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

Scheduled maintenance from 102,000 mi to 132,000 mi

The maker's normal schedule for this car. Service history isn't known here, so an item is shown at its next interval mark; skip it if the records show it was done.

ITEM	INTERVAL	THIS CAR	OUR PRICE
Engine coolant First replacement at 120,000 mi or 120 months, then every 30,000 mi or 24 months.	first at 120,000 mi, then every 30,000 mi or 2 years	**Due by age: 10-year limit passed (check records)** [M1] [M4]	**From $179**
Automatic transmission fluid Owner's manual normal schedule: "No check, No service required" (factory-fill fluid). No replacement interval is published.	no fixed interval	— [M1][M4]	—
Brake fluid Normal schedule says inspect only (no replacement interval printed for this model year).	no fixed interval	— [M1][M4]	—

M1. 2014 Genesis Owner's Manual, Normal Maintenance Schedule (Genesis owner's manual; copy hosted on dezosmanuals.com) OFFICIAL
https://dezosmanuals.com/wp-content/uploads/2021/07/2014-Genesis-OM.pdf

M2. 2016 Hyundai Equus Owner's Manual, Normal Maintenance Schedule (Hyundai owner's manual; copy hosted on dezosmanuals.com) OFFICIAL
https://dezosmanuals.com/wp-content/uploads/2021/07/2016-Hyundai-Equus-OM.pdf

M3. 2017 Genesis G90 Owner's Manual, Normal Maintenance Schedule (Genesis owner's manual; copy hosted on dezosmanuals.com) OFFICIAL
https://dezosmanuals.com/wp-content/uploads/2021/07/2017-Genesis-G90-OM.pdf

M4. 2016 Hyundai Genesis Owner's Manual, Normal Maintenance Schedule (Hyundai owner's manual; copy hosted on dezosmanuals.com) OFFICIAL
https://dezosmanuals.com/wp-content/uploads/2021/07/2016-Hyundai-Genesis-OM.pdf

M5. 2017 Genesis G80 Owner's Manual, Normal Maintenance Schedule (Genesis owner's manual; copy hosted on dezosmanuals.com) OFFICIAL
https://dezosmanuals.com/wp-content/uploads/2021/07/2017-Genesis-G80-OM.pdf

M6. 2016 Kia K900 Owner's Manual, Normal Maintenance Schedule (Kia owner's manual; copy hosted on dezosmanuals.com) OFFICIAL
https://dezosmanuals.com/wp-content/uploads/2021/09/2016-Kia-K900-OM.pdf

M7. 2017 Kia K900 Owner's Manual, Normal Maintenance Schedule (Kia owner's manual; copy hosted on dezosmanuals.com) OFFICIAL
https://dezosmanuals.com/wp-content/uploads/2021/09/2017-Kia-K900-OM.pdf

M8. 2021 Genesis G90 Owner's Manual, Normal Maintenance Schedule (Genesis owner's manual; copy hosted on dezosmanuals.com) OFFICIAL
https://dezosmanuals.com/wp-content/uploads/2021/07/2021-Genesis-G90-OM.pdf

WHERE 102K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	8-speed automatic: shift solenoids and E-module	2012–2016 Genesis sedan 4.6/5.0, 2012–2016 Equus, 2017 G80, 2015–2016 K900 OFFICIAL	Any mileage
2	Coolant leak at the transmission fluid warmer connector	2014–2016 Genesis 5.0, 2017–2018 G80 and G90 5.0 OFFICIAL	Any mileage
3	Oil consumption (V8: engine replacement if over the limit)	All Hyundai and Genesis engines; V8 guidance added October 2026 OFFICIAL	Any mileage
4	Airbag control unit fault (2015–2016 Genesis)	2015–2016 Genesis: airbag control unit covered to 15 years, unlimited miles OFFICIAL	Any mileage

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 Hyundai Genesis

Safety recall repairs are free at Hyundai 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 KMHGN4JFXFU123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Hyundai dealer for a campaign printout; it also lists completed campaigns.

4.6 / 5.0L TAU V8 RECALLS WE TRACK

NHTSA lists no engine-specific recall campaign for the 4.6 / 5.0L Tau V8 as of 2026-11-10. Recalls on the rest of the car are in the model-year list below.

EVERY RECALL NHTSA LISTS FOR THE 2015 HYUNDAI GENESIS (7)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
26V-664	Seats · front power seat motor	A stuck power-seat switch can overheat the seat motor and start a fire, parked or driving. Details
24V-107	Electrical · starter solenoid	Water can enter the starter solenoid and short it, which can start an engine-bay fire. Details
21V-160	Brakes · ABS module	The ABS module can short circuit and start an engine-bay fire, parked or driving. Details
17V-359	Parking brake · warning light	The parking brake light may not come on, so the car can be driven with the brake partly applied. Details
15V-864	Tires · sidewall	Cracks in the sidewalls of the original Hankook tires can cause sudden air loss. Details
16V-575	Instrument cluster	The cluster may show the wrong speed or wrong warning lights. Details
15V-097	Electrical · rear lamp / gear display	Water in the rear lamps can make the dash show the wrong gear or delay engagement, so the car may move the wrong way. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: GENESIS. 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

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 4 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 (DH).

1 8-speed automatic: shift solenoids and E-module

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 10 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2012–2016 Genesis sedan 4.6/5.0, 2012–2016 Equus, 2017 G80, 2015–2016 K900), so mileage doesn't say much here. Range: 2012–2016 Genesis sedan 4.6/5.0, 2012–2016 Equus, 2017 G80, 2015–2016 K900 OFFICIAL [2][3]

WHAT FAILS OFFICIAL [2][3]

The 8-speed automatic can set solenoid and sensor codes (P0741–P0773, P2709, P0841). Hyundai tells dealers not to replace the transmission for these codes but to replace the failed solenoid or the E-module. On 2015–2016 K900 V8s two solenoid valves can wear early and cause harsh upshifts; Kia replaces them and updates the transmission software.

SYMPTOMS

- Harsh or late upshifts
- Transmission warning or check-engine light
- Slipping or stuck in one gear

IF IT'S LEFT TOO LONG

Left alone, shifting gets worse and a full transmission can be quoted.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Scan the codes and repair the solenoid or E-module before anyone quotes a transmission.

ESTIMATED REPAIR COST

Labor only, 1.7–1.8 h Kia warranty time plus two solenoid valves and ATF	**Our price is in the plan above** ask us for a written quote
Transmission replacement, 2014 Equus (KBB, one ZIP code)	**$3,421–$5,597** SHOP/RETAILER [7] reported range for the bill after a failure

Where the numbers come from: Early: Estimate: Kia warranty labor time of 1.7–1.8 h (bulletin [3]) × $100–$160/h independent-shop labor rate [6]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR DH

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

QUESTIONS TO ASK US

- Any harsh shifts?
- Transmission or solenoids replaced?

2 Coolant leak at the transmission fluid warmer connector

Any mileage

Severity: Medium: leaks and wear · 2 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2014–2016 Genesis 5.0, 2017–2018 G80 and G90 5.0), so mileage doesn't say much here. Range: 2014–2016 Genesis 5.0, 2017–2018 G80 and G90 5.0 OFFICIAL [4]

WHAT FAILS OFFICIAL [4]

Coolant can leak where the transmission fluid warmer connects to the engine-side heater pipe. Hyundai replaces the O-rings (and the pipe if needed); the intake manifold has to come off to reach it.

SYMPTOMS

- Coolant level dropping
- Coolant at the back of the engine
- Sweet smell

IF IT'S LEFT TOO LONG

A growing leak can let the engine overheat.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix while it is a seep; the labor is in the intake removal.

ESTIMATED REPAIR COST

No published price	**Our price is in the plan above** ask us for a written quote
No published price	**No published price** reported range for the bill after a failure

PARTS FOR DH

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

QUESTIONS TO ASK US

- Topping up coolant?

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3 Oil consumption (V8: engine replacement if over the limit)

Any mileage

Severity: Medium: leaks and wear · 1 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (All Hyundai and Genesis engines; V8 guidance added October 2026), so mileage doesn't say much here. Range: All Hyundai and Genesis engines; V8 guidance added October 2026 OFFICIAL [5]

WHAT FAILS OFFICIAL [5]

Hyundai's oil consumption bulletin measures oil use over 1,000-mile checks. For V6 and V8 engines it says not to do the top-end carbon cleaning used on fours; if use is over the limit, the dealer asks Hyundai to approve a new engine.

SYMPTOMS

- Oil level low between changes
- Low-oil light
- Blue smoke at start-up

IF IT'S LEFT TOO LONG

Low oil can damage the engine.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check the oil often; document use before asking for a consumption test.

ESTIMATED REPAIR COST

Labor only, 0.6 h Hyundai warranty time	**Our price is in the plan above** ask us for a written quote
No published price (engine replacement)	**No published price** reported range for the bill after a failure

Where the numbers come from: Early: Estimate: Hyundai warranty labor time of 0.6 h (bulletin [5]) × $100–$160/h independent-shop labor rate [6]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR DH

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

QUESTIONS TO ASK US

- Oil added between changes?

4 Airbag control unit fault (2015–2016 Genesis)

Any mileage

Severity: Medium: leaks and wear · 0 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2015–2016 Genesis: airbag control unit covered to 15 years, unlimited miles), so mileage doesn't say much here. Range: 2015–2016 Genesis: airbag control unit covered to 15 years, unlimited miles OFFICIAL [9]

Applies to: certain 2015–2016 Genesis built 02/21/2014–02/24/2016 (warranty extension TXX0)

WHAT FAILS OFFICIAL [9]

The airbag control unit (ACU) can set fault codes and turn on the airbag warning light. Hyundai extended the warranty on the ACU for this fault on certain 2015–2016 Genesis models to 15 years from first use with unlimited mileage, for original and later owners. The dealer replaces the unit when one of the listed codes is stored.

SYMPTOMS

- Airbag warning light on

IF IT'S LEFT TOO LONG

With the airbag light on the system has a stored fault; have it read soon.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Free at a Hyundai dealer inside 15 years; check the VIN for warranty extension TXX0 before paying.

ESTIMATED REPAIR COST

Free under TXX0 (15 years, unlimited miles)	**Free if covered** OFFICIAL [9] published independent-shop range
No published bill outside the extension	**No published price** reported range for the bill after a failure

Where the numbers come from: Free under Hyundai warranty extension TXX0 for 15 years from first use, unlimited mileage, when a listed ACU code is stored [9]. No published bill for a car outside the extension.

PARTS FOR DH

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

QUESTIONS TO ASK US

- Airbag light on?

5 · ALSO REPORTED, NOT RANKED

Other themes in 4.6 / 5.0L Tau V8 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	31	Brake complaints; not an engine fault.
Electrical	23	Electrical complaints with no single engine cause.
Stalling / loss of power	13	Mixed causes, including accelerator-pedal complaints; not one engine fault.

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/Hyundai 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 Genesis sedan (2009–2016), G80 (2017–2020) and G90 (2017–2021), K900 (2015–2018) and Borrego (2009–2011) complaints that name the V8, 4.6 or 5.0, plus all 2011–2016 Equus complaints: 125 complaints. Some of these nameplates were sold with other engines too; for those we kept only complaints whose text names this engine, which under-counts. Themes are keyword matches on the complaint text. `COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Brakes	31	Also reported
Electrical	23	Also reported
Stalling / loss of power	13	Also reported
Transmission	10	Item 1
Engine knock / failure	6	—
Coolant leak	2	Item 2
Oil consumption	1	Item 3

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 2009–2016 Hyundai Genesis sedan and 2017–2020 Genesis G80 and 2017–2021 G90 complaints that name the V8, all 2011–2016 Equus, and V8 complaints for 2015–2018 K900 and 2009–2011 Borrego, pulled Oct 27–28, 2026 (ODI numbers in the cost notes) `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Hyundai 16-AT-011: Automatic transmission solenoid and sensor DTCs P0741–P0773, P2709 and P0841: do not replace the transmission, replace the solenoid or E-module (2012–16 Genesis sedan 4.6/5.0, 2017 G80, 2012–16 Equus) (2016-10), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2016/SB-10089604-0699.pdf

3. Kia TRA096: 8AT solenoid valve replacement (35R and 4&OD) and TCU logic improvement, 2015–2016 K900 with Tau 5.0L (op time 1.7–1.8 M/H) (2021-08), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2021/MC-10200512-0001.pdf

4. Hyundai 18-AT-017-1: Coolant leak at the ATF warmer connector, 2014–16 Genesis 5.0L, 2017–18 G80 5.0L and G90 5.0L (2018-12), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2018/MC-10152864-9999.pdf

5. Hyundai 26-EM-015H: Engine oil consumption inspection and repair guidelines, all engines; V6/V8: no top-end cleaning, engine replacement if over specification (inspection 0.6 M/H) (2026-10), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2026/MC-11038456-0001.pdf

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

7. Kelley Blue Book: 2014 Hyundai Equus transmission repair and replacement, via search extract Oct 27, 2026 `SHOP/RETAILER`
https://www.kbb.com/hyundai/equus/2014/transmission-repair-and-replacement

8. 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

9. Hyundai Warranty Extension TXX0 dealer best practice (TSB 24-BE-015H): Airbag control unit, 2015–2016 Genesis (DH): 15 years / unlimited mileage from first use (2024-10-29), filed with NHTSA, read Nov 10, 2026 OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2024/MC-11009749-0001.pdf

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 Hyundai dealer or qualified shop. Safety recall repairs are free at Hyundai dealers. Confirm recalls for this VIN at nhtsa.gov/recalls.

No warranty

Provided “as is”, without warranties of any kind, under the Terms of Use at repairahead.com/terms.

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