2022 Genesis GV70 at 45,000 mi

KMUMBDTB2NU123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
GV70 · GV70 2.5T (JK1, 2022–present)	Hyundai/Kia/Genesis 2.5L turbo four (Smartstream G2.5 T-GDi, Theta III)	45,000 mi	AWD
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 28, 2026	Owner	Sample Owner

VIN check: check digit valid; model-year code 'N' = 2022, 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: a qualified technician decides what the car actually needs.

0	0	0
jobs 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 (5)

- **26V-229** · Fuel pipe at the fuel rail: Fuel can leak where the fuel pipe joins the fuel rail, which can start a fire.
- **24V-282** · In-tank fuel pump: The fuel pump can fail, so the engine loses drive power, which raises the risk of a crash.
- **23V-630** · In-tank fuel pump: The fuel pump can fail, so the engine loses drive power, which raises the risk of a crash.
- **23V-094** · Front seat belt pretensioner: A pretensioner can explode when it fires in a crash and throw metal fragments at the occupants.
- **21V-796** · Front seat belt pretensioner: A pretensioner can explode when it fires in a crash and throw metal fragments at the occupants.

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

Step 0 · Free: run the VIN at nhtsa.gov/recalls and ask a Genesis retailer for a campaign printout, including 26V-229, 23V-630, 24V-282. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service

Good news: nothing on the 2.5L Smartstream G2.5 T-GDi watch list is due at this mileage. Worth a fresh look at about 55,000 mi.

Next 12 months up to about 57,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 75,000 mi

Nothing else enters its reported range in this window.

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

Nothing scheduled here.

Recommended now

No repairs due now

Independent shop, installed. Dealers often charge more.

Planned through 75,000 mi

No repairs planned

Now + next 12 months + next 30,000 miles. Excludes “watch” and optional items.

Costs are published independent-shop ranges (low end + low end, high end + high end). 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 45K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	In-tank fuel pump failure, loss of power (Genesis recalls 23V-630, 24V-282)	2021–2023 G80, GV80 and GV70 (recalls); owner reports mostly under 20,000 mi OFFICIAL	Listed for this model and year: check by VIN
2	High-pressure fuel pipe leak at the fuel rail (several recalls)	2021–2022 Hyundai / Kia 2.5T and 2021–2026 Genesis (recalls) OFFICIAL	Listed for this model and year: check by VIN

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 2022 Genesis GV70

Safety recall repairs are free at Genesis retailers. 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 KMUMBDTB2NU123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Genesis retailer for a campaign printout; it also lists completed campaigns.

2.5L SMARTSTREAM G2.5 T-GDI RECALLS WE TRACK

26V-229 · Fuel pipe may leak at the fuel rail (2021–2025 G80 / GV80, 2022–2026 GV70)

NHTSA lists this model and year: check by VIN

Fuel may leak where the fuel pipe joins the fuel rail, a fire risk. Dealers inspect and tighten or replace the pipe, free. OFFICIAL [4]

☐ VIN checked ☐ Open: booked with dealer ☐ Completed (printout kept)

21V-208 · High-pressure fuel tube may not seal (2021 G80 / GV80 2.5T)

Not listed for MY2022

The tube from the high-pressure fuel pump to the fuel rail may not seal and can leak fuel. Free tube replacement. OFFICIAL [4]

21V-524 · High-pressure fuel pipe may leak (2021–2022 Santa Fe and Sonata 2.5T)

Not listed for MY2022

Fuel may leak at the connection between the high-pressure pump and fuel rail. Free inspection and tightening or pipe replacement (follows 21V-308). OFFICIAL [4]

21V-519 · High-pressure fuel pipe may leak (2021 Sorento, 2021–2022 K5 2.5T)

Not listed for MY2022

Fuel may leak at the connection between the high-pressure pump and fuel rail. Free inspection and tightening or pipe replacement (Kia SC214). OFFICIAL [4]

23V-630 · Fuel pump may fail (2021–2022 G80 / GV80, 2022 GV70)

NHTSA lists this model and year: check by VIN

The fuel pump can fail, causing a loss of drive power. Free fuel pump replacement. OFFICIAL [5]

☐ VIN checked ☐ Open: booked with dealer ☐ Completed (printout kept)

24V-282 · Fuel pump may fail (2022–2023 GV70, GV80, G80)

NHTSA lists this model and year: check by VIN

The fuel pump can fail, causing a loss of drive power. Free inspection and fuel pump assembly replacement. OFFICIAL [5]

☐ VIN checked ☐ Open: booked with dealer ☐ Completed (printout kept)

Other 2.5L Smartstream G2.5 T-GDi recalls we track, not listed by NHTSA for this model and year: 22V-197 (turbo oil supply pipe may crack (2022 Santa Fe, Santa Cruz; 16 vehicles)).

EVERY RECALL NHTSA LISTS FOR THE 2022 GENESIS GV70 (5)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
26V-229 2.5L Smartstream G2.5 T-GDi tracked	Fuel pipe at the fuel rail	Fuel can leak where the fuel pipe joins the fuel rail, which can start a fire. Details
24V-282 2.5L Smartstream G2.5 T-GDi tracked	In-tank fuel pump	The fuel pump can fail, so the engine loses drive power, which raises the risk of a crash. Details
23V-630 2.5L Smartstream G2.5 T-GDi tracked	In-tank fuel pump	The fuel pump can fail, so the engine loses drive power, which raises the risk of a crash. Details
23V-094	Front seat belt pretensioner	A pretensioner can explode when it fires in a crash and throw metal fragments at the occupants. Details
21V-796	Front seat belt pretensioner	A pretensioner can explode when it fires in a crash and throw metal fragments at the occupants. Details

Source: NHTSA recalls API, fetched 2026-10-28 and combined across NHTSA model names: GV70. 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 (GV70): None left out. Each recall covers only certain build ranges; a VIN check shows which apply.

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 (GV70). Left out because they apply to other models, years, engine sizes or body codes: 8-speed wet DCT high-pressure oil pump fault and judder (Hyundai / Kia models); Oil in the air intake from a misassembled PCV check valve (2021–2022).

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1 In-tank fuel pump failure, loss of power (Genesis recalls 23V-630, 24V-282)

Listed for this model and year: check by VIN

Severity: High: overheating, stalls, limp mode or a big bill · 135 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

Reported window: 2021–2023 G80, GV80 and GV70 (recalls); owner reports mostly under 20,000 mi. Range: 2021–2023 G80, GV80 and GV70 (recalls); owner reports mostly under 20,000 mi OFFICIAL [5][1]

23V-630: NHTSA lists this model and year: check by VIN

24V-282: NHTSA lists this model and year: check by VIN

Applies to: 2021–2023 Genesis G80, GV80 and GV70

WHAT FAILS OFFICIAL [5][1]

The low-pressure fuel pump in the tank can fail, and the engine then stumbles, loses power or stalls while driving. Genesis recalled 2021–2022 G80 and GV80 and 2022 GV70 (23V-630), then 2022–2023 GV70, GV80 and G80 (24V-282), and replaces the pump. Most complaints about stalling and power loss on these Genesis models describe this.

SYMPTOMS

- Engine stumbles or loses power while driving
- Stall, sometimes with a restart
- Long crank or no start
- Check engine light with fuel pressure codes

IF IT'S LEFT TOO LONG

Losing drive power in traffic raises the crash risk.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check the VIN for open recalls 23V-630 and 24V-282; the pump is replaced free at a Genesis retailer.

ESTIMATED REPAIR COST

Free under the recall	**Free if covered** OFFICIAL [5] independent shop, installed
No published price	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR GV70

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

WHAT TO ASK YOUR SHOP

- Fuel pump recalls done?
- Any stall or loss of power?

2 High-pressure fuel pipe leak at the fuel rail (several recalls)

Listed for this model and year: check by VIN

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

Reported window: 2021–2022 Hyundai / Kia 2.5T and 2021–2026 Genesis (recalls). Range: 2021–2022 Hyundai / Kia 2.5T and 2021–2026 Genesis (recalls) OFFICIAL [4]

26V-229: NHTSA lists this model and year: check by VIN

21V-208: Not listed for MY2022

21V-524: Not listed for MY2022

21V-519: Not listed for MY2022

Applies to: recalled build ranges; a VIN check decides

WHAT FAILS OFFICIAL [4]

The steel pipe that carries fuel from the high-pressure pump to the fuel rail may not seal or may not be tightened properly, so fuel can leak onto the hot engine. Hyundai, Kia and Genesis have recalled it several times: 2021 G80 / GV80 (21V-208), 2021–2022 Santa Fe and Sonata (21V-524), 2021 Sorento and 2021–2022 K5 (21V-519), and most 2021–2025 G80 / GV80 and 2022–2026 GV70 (26V-229, July 2026).

SYMPTOMS

- Raw fuel smell, worst after a drive
- Wet fuel on top of the engine near the fuel rail

IF IT'S LEFT TOO LONG

Fuel leaking onto a hot engine can start a fire.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check the VIN for open fuel pipe recalls; the repair is free. Treat any fuel smell as urgent.

ESTIMATED REPAIR COST

Free under the recall	**Free if covered** OFFICIAL [4] independent shop, installed
No published price	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR GV70

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

WHAT TO ASK YOUR SHOP

- Fuel pipe recall done?
- Any fuel smell?

5 · ALSO REPORTED, NOT RANKED

Other themes in 2.5L Smartstream G2.5 T-GDi 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
Driver assistance / sensors	206	Driver-assistance, camera and sensor complaints; not an engine fault.
Brakes	92	Brake complaints, often about automatic emergency braking; not an engine fault.
Airbags / seat belts	66	Restraint complaints and recalls; not an engine fault.
Fire / smoke	25	Few reports with mixed causes; the fuel pipe and turbo oil pipe recalls cover the known engine fire risks.

6 · BUYING OR SELLING

Used-car checklist and resale helper

For owners this is a resale checklist: it's what a careful buyer will ask.

Ask the inspecting shop to check

- Fuel smell at the fuel rail
- Stall or power loss on the road test
- Transmission codes and judder (Hyundai / Kia)
- Oily air filter

Ask the seller

- Fuel pipe and fuel pump recalls done?
- Transmission recalls and campaigns done?

Documents to request

- Dealer service-history printout for the VIN
- nhtsa.gov/recalls screenshot

WHAT A BUYER MAY DEDUCT

FINDING	ESTIMATED ADJUSTMENT
In-tank fuel pump failure, loss of power (Genesis recalls 23V-630, 24V-282): no recall record on a listed car	Free if covered
High-pressure fuel pipe leak at the fuel rail (several recalls): no recall record on a listed car	Free if covered
Pre-ticked rows (●), if no records clear them	**None at this mileage**

● = expected at this mileage. Estimated repair costs, not an appraisal. Recalls cost the seller nothing: ask for open recalls to be completed rather than discounted. OUR ESTIMATE

7 · METHOD AND SOURCES

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. 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 All 2021–2025 G80, GV80 and 2022–2025 GV70 complaints that do not mention the V6 (most of these are 2.5T cars, so some V6 complaints that do not name the engine fall here); 2025 G70 and 2022–2023 Stinger complaints that do not mention the V6 or GT; 2024–2025 Santa Fe complaints that do not mention the hybrid; 2021–2023 Santa Fe, Santa Cruz, Sonata, K5 and Sorento complaints that name the 2.5T, turbo, N Line, GT or Calligraphy. Filtered nameplates under-count: 790 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
Driver assistance / sensors	206	Also reported
Fuel pump / loss of power	135	Item 1
Transmission / DCT	117	Other years or engine sizes
Brakes	92	Also reported
Airbags / seat belts	66	Also reported
Fire / smoke	25	Also reported
Fuel leak	10	Item 2
Oil in the intake / PCV	1	Other years or engine sizes
Turbocharger	0	—

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 2021–2025 Genesis G80 / GV80, 2022–2025 GV70 and 2025 G70 (not naming the V6), 2022–2023 Kia Stinger 2.5T, 2024–2025 Santa Fe (non-hybrid) and 2021–2025 Santa Fe, Santa Cruz, Sonata N Line, K5 GT and Sorento complaints that name the 2.5T, pulled Oct 28, 2026 (ODI numbers in the cost notes) OFFICIAL
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Hyundai 21-EM-012H: oil contamination of the air cleaner and intake (misassembled PCV check valve), certain 2021–2022 Sonata, Santa Fe and 2022 Santa Cruz 2.5T (2021-12), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2021/MC-10206365-0001.pdf

3. Kia TSB ENG235: air intake system cleaning, PCV valve and air filter replacement due to oil contamination, 2021–2022 Sorento 2.5T (2022-01), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2022/MC-10206881-0001.pdf

4. NHTSA recall records: 21V-208 (2021 G80 / GV80 2.5T), 21V-308 / 21V-524 (2021–2022 Santa Fe and Sonata 2.5T), 21V-519 (2021 Sorento, 2021–2022 K5 2.5T) and 26V-229 (2021–2025 G80 / GV80, 2022–2026 GV70, 2023–2025 G90) fuel pipe leaks, checked Oct 28, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=26V229000

5. NHTSA recall records: 23V-630 (2021–2022 G80 / GV80, 2022 GV70) and 24V-282 (2022–2023 GV70, GV80, G80, G90) fuel pump failure, checked Oct 28, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=24V282000

6. NHTSA recall records: 22V-746 (2021–2022 Santa Fe, Sonata, 2022 Santa Cruz) and 22V-760 (2021–2022 Sorento, 2021–2023 K5) 8-speed DCT fail-safe after oil pump fault; 22V-197 / 22V-202 turbo oil supply pipe, checked Oct 28, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=22V746000

7. Hyundai 26-AT-001H: 8-speed wet DCT replacement due to high-pressure electric oil pump DTC P1C2D03 / P193B79 / P086800, 2022–2025 Santa Cruz, 2021–2025 Santa Fe 2.5T and 2021–2022 Sonata N Line (3.8–4.1 h) (2026-03), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2026/MC-11029937-0001.pdf

8. Hyundai 25-01-072H-1: TCU software update for the 8DCT high-pressure electric oil pump (service campaign TEJ), 2024–2025 Santa Fe (2025-10), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11024511-0001.pdf

9. Kia TSB TRA100: 8-speed wet dual clutch transmission judder evaluation and dual clutch replacement, 2021-on K5 GT and Sorento 2.5T (2022-01), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2022/MC-10206957-0001.pdf

10. Tekmetric: average auto repair labor rates by state, 2026 (national average $132/h; state averages $85–$197/h). We use $100–$160/h for labor-time estimates. SHOP/RETAILER
https://tours.tekmetric.com/answers/average-auto-repair-labor-rates-by-state-2026

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. Nobody from RepairAhead has seen, driven or inspected this vehicle.

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 Genesis retailer or qualified shop. Safety recall repairs are free at Genesis retailers. Confirm recalls for this VIN at nhtsa.gov/recalls.

No warranty

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Wrong input (VIN, mileage, build date)? Email hello@repairahead.com with report ID RA-25T-123456-20261028 and we'll correct and reissue it.

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.