SEA **Springfield Euro Auto** EXAMPLE SHOP
service@springfield-euro-auto.example

2011 Volvo XC60 at 110,000 mi

YV4952DL2B2123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
XC60 · XC60 3.2 AWD	Volvo SI6 inline six (3.2 and 3.0 T6)	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 'B' = 2011, 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	1	1
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 (3 of 4)

- **10V-579** · Engine control · fuel cut-off software: The engine software cuts fuel too readily and can stall the engine.
- **20V-378** · Seat belts · front cable: The steel cable that holds the front seat belt buckle can fatigue and fail in a crash.
- **10V-489** · Air bags · driver clock spring connector: A loose clock spring connector can stop the driver air bag from deploying.

A model-year list, not a VIN check. The full report lists the others. Repairs are free at a Volvo dealer if open. On a car over 15 years old, ask the dealer whether a newer recall is still repaired free. Check this VIN at nhtsa.gov/recalls.

Step 0 · Free: run the VIN at nhtsa.gov/recalls and ask a Volvo dealer for a campaign printout, including 10V-579. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service

Nothing scheduled here.

Next 12 months up to about 122,000 mi — $360

PCV oil trap clogging — $360
Any mileage (Higher-mileage six-cylinder engines)
our price EXAMPLE

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

Vacuum pump oil leak **Ask us for a quote**

Any mileage (Higher-mileage SI6 3.2 engines) · Inspect at each service; fix at the first sign

Recommended now

Nothing due now

Springfield Euro Auto prices (example)

Planned through 140,000 mi

$360

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

Prices are Springfield Euro Auto'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 Euro Auto 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 110,000 mi to 140,000 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
Automatic transmission fluid Volvo lists no fluid change under normal use; it recommends a change about every 50,000 miles only for towing or when the car asks for it.	no fixed interval	— [M1] [M2]

M1. Volvo 2010 Warranty and Maintenance Records Information, U.S./Canada OFFICIAL
https://s3.amazonaws.com/images.matthewsvolvosite.com/pdf/2010xc60warranty.pdf

M2. Volvo 2013 Warranty and Maintenance Records Information, U.S./Canada (dealer-hosted copy) OFFICIAL
https://pictures.dealer.com/volvooflislevcna/2013-Volvo-Warranty-Manual.pdf

WHERE 110K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	PCV oil trap clogging	Higher-mileage six-cylinder engines FORUM/BLOG	● Any mileage
2	Vacuum pump oil leak	Higher-mileage SI6 3.2 engines SHOP/RETAILER	● 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 2011 Volvo XC60

Safety recall repairs are free at Volvo dealers. On a car over 15 years old, ask the dealer whether a newer recall is still repaired free. 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 YV4952DL2B2123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Volvo dealer for a campaign printout; it also lists completed campaigns.

3.0/3.2 SI6 RECALLS WE TRACK

10V-579 · Fuel cut-off too sensitive, engine can stall (2011 S80, S60, XC70, XC60)

NHTSA lists this model and year: check by VIN

The fuel cut-off calibration in the engine control module is too sensitive and can stall the engine. Free software update. OFFICIAL [9]

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

Other 3.0/3.2 SI6 recalls we track, not listed by NHTSA for this model and year: 09V-218 (cooling fan may stop (2008–2009 S80, V70, XC70)), 10V-147 (fuel line leak (2010 XC90)).

EVERY RECALL NHTSA LISTS FOR THE 2011 VOLVO XC60 (4)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
10V-579 3.0/3.2 SI6 tracked	Engine control · fuel cut-off software	The engine software cuts fuel too readily and can stall the engine. Details
20V-378	Seat belts · front cable	The steel cable that holds the front seat belt buckle can fatigue and fail in a crash. Details
10V-489	Air bags · driver clock spring connector	A loose clock spring connector can stop the driver air bag from deploying. Details
10V-591	Seats · front passenger rail stop	On cars with a power passenger seat, the seat can travel too far forward. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: XC60. 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 (XC60): None. 10V-591 applies only with a power passenger seat.

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 (P3). Left out because they apply to other models, years, engine sizes or body codes: Oil consumption (PZEV 3.2); Coolant bleeder hose leak.

1 PCV oil trap clogging

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 5 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (Higher-mileage six-cylinder engines), so mileage doesn't say much here. Range: Higher-mileage six-cylinder engines FORUM/BLOG [6]

WHAT FAILS FORUM/BLOG [6]

The crankcase ventilation oil trap can clog with sludge. That raises crankcase pressure and pushes oil past seals, which shows up as leaks and higher oil use.

SYMPTOMS

- Oil leaks from seals
- Higher oil use
- Whistle or rough idle

IF IT'S LEFT TOO LONG

High crankcase pressure blows out seals and can push oil into the turbo or intake.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check and replace the PCV parts before chasing leaks.

ESTIMATED REPAIR COST

PCV valve and hose replacement, YourMechanic 2014 XC90 3.2 and 2015 XC60 3.2	**Our price is in the plan above** ask us for a written quote
Same job if caught early; damage from a failure (overheating or oil leaks) costs more, no published figure	**No published price** reported range for the bill after a failure

PARTS FOR P3

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

QUESTIONS TO ASK US

- PCV system serviced?

2 Vacuum pump oil leak

Any mileage

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

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (Higher-mileage SI6 3.2 engines), so mileage doesn't say much here. Range: Higher-mileage SI6 3.2 engines SHOP/RETAILER [7]

WHAT FAILS SHOP/RETAILER [7]

ESTIMATED REPAIR COST

On higher-mileage 3.2 engines, oil often starts leaking at the mechanical vacuum pump on the cylinder head, where seals harden.

SYMPTOMS

- Oil on the side of the cylinder head
- Burning oil smell

IF IT'S LEFT TOO LONG

A long-running leak makes a mess and can drip on exhaust parts.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Reseal the vacuum pump.

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 P3

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

QUESTIONS TO ASK US

- Any oil leak repairs?

5 · ALSO REPORTED, NOT RANKED

Other themes in 3.0/3.2 SI6 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
Stalling	54	Includes recall 10V-579 (2011 ECM fuel cut-off); check it is done.
Transmission	32	Counts all transmission complaints; not an 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/Volvo 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 27, 2026 from NHTSA's complaints API for XC90 complaints naming the 3.2 or six; XC60, XC70 and S80 complaints leaving out the five-cylinder, Drive-E, V8 and diesel; S60 complaints naming the T6; all 2008–2012 Land Rover LR2 complaints: 618 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. Thin data; one weak point (PCV) rests partly on an AI-assisted site. `COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Stalling	54	Also reported
Transmission	32	Also reported
Coolant	22	Other years or engine sizes
Oil leak / PCV	5	Item 1
Oil consumption	4	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 2007–2014 XC90 3.2, 2010–2016 XC60 3.0/3.2, 2008–2014 XC70 and 2007–2014 S80 six-cylinder, 2008–2010 V70, 2011–2016 S60 T6, pulled Oct 27, 2026 (ODI numbers in the cost notes) `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Volvo TJ 28530: Excessive oil consumption, SI6 PZEV engine code 96 (B6324S2): new oil pan splash plate, dipstick and ECM software (2017-02-23), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2017/MC-10167893-9999.pdf

3. Volvo TJ-19302: Low oil level or excessive oil consumption: procedure (2010-11-17), filed with NHTSA `OFFICIAL`
https://www.nhtsa.gov/?nhtsaId=10037523

4. YourMechanic: Volvo XC90 PCV valve hose replacement, via search extract Oct 27, 2026 `SHOP/RETAILER`
https://yourmechanic.com/estimates/volvo/xc90/pcv-valve-hose-replacement

5. YourMechanic: Volvo XC60 PCV valve hose replacement, via search extract Oct 27, 2026 `SHOP/RETAILER`
https://yourmechanic.com/estimates/volvo/xc60/pcv-valve-hose-replacement

6. au7o: Volvo V60 known issues, PCV oil trap on the 3.0 six (AI-assisted site, not independently verified), via search extract Oct 27, 2026 `FORUM/BLOG`
https://au7o.io/known-issues/volvo-v60?year=2014

7. Automotive Tech Info: Volvo aging issues, mechanical vacuum pump leak, via search extract Oct 27, 2026 SHOP/RETAILER
https://automotivetechinfo.com/2017/10/volvo-aging-issues-mechanical-vacuum-pump-leak/

8. Volvo Service campaign SC-232: Coolant bleeder hose leaking, engine VIN codes 98 and 99 (SI6) (2010-11-30), filed with NHTSA OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10036825

9. NHTSA recall records: 09V-218 (2008–2009 S80/V70/XC70 cooling fan software), 10V-579 (2011 ECM fuel cut-off) and 10V-147 (2010 XC90 fuel line), checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=09V218000

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 Euro Auto 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 Volvo dealer or qualified shop. Safety recall repairs are free at Volvo 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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