2010 Chevrolet Silverado 2500HD at 140,000 mi

1GC4KXBG2AF123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Silverado 2500HD · Silverado 2500HD Crew Cab 6.0L V8 4WD	GM 6.0L Vortec 6000 V8 (LQ4, LY6, L96, LC8)	140,000 mi	4WD
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 28, 2026	Shop	Sample Owner

VIN check: check digit valid; model-year code 'A' = 2010, 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
inspection recommended now

0
to plan in the next 30,000 miles · plus 3 factory maintenance items

2
to watch or check at each service

Safety recalls NHTSA lists for this model year (5)

- **21V-054** · Air bags · frontal · passenger side: An inflator explosion may result in sharp metal fragments striking the driver or other occupants, resulting in serious injury or death.
- **21V-053** · Air bags · frontal · passenger side: An inflator explosion may result in sharp metal fragments striking the driver or other occupants, resulting in serious injury or death.
- **21V-050** · Air bags · frontal · passenger side: An inflator explosion may result in sharp metal fragments striking the driver or other occupants, resulting in serious injury or death.
- **18V-267** · Equipment · fire extinguisher (some trucks): A clogged fire extinguisher may not discharge when needed, increasing the risk of injury in a fire.
- **14V-407** · Electrical system · auxiliary battery fusible link (trucks with an auxiliary battery): If the fusible link melts it may come into contact with adjacent components, damage the electrical center cover, the nearby wiring harness conduit and other vehicle components, increasing the risk of a fire.

A model-year list, not a VIN check. Repairs are free at a Chevrolet 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 Chevrolet 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

In-tank fuel pump failure (stall, no start): Long past the range (22,000–65,000 mi, the middle half of 10 owner reports) · if it fails: $995–$1,798
At this mileage it may already be fixed: we check the records first.
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 152,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 170,000 mi

Nothing else enters its reported range in this window.

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

Broken exhaust manifold bolts (exhaust leak, tick) — $650

our price EXAMPLE

Past the range (39,000–94,000 mi, the middle half of 13 owner reports) · Inspect at each service; fix at the first sign

Reduced engine power from throttle position sensor (P2135) — Ask us for a quote

Any mileage (2008–2011 engines in the GM bulletin) · Inspect at each service; fix at the first sign

Recommended now

$140

Springfield Auto Care prices (example)

Planned through 170,000 mi

From $827

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 140,000 mi to 170,000 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
Spark plugs	every 100,000 mi	**Was due at 100,000 mi (check records)** [M1][M2][M3][M4]	**$249**
Engine coolant DEX-COOL: drain, flush and refill every 150,000 mi or 5 years, whichever comes first.	every 150,000 mi or 5 years	**Due by age: every 5 years (check records)** [M2][M3][M5]	**From $179**
Automatic transmission fluid GM schedules ATF every 50,000 mi for trucks over 8,600 lb GVWR (most 2500/3500 models); Allison-equipped trucks: 50,000 mi normal, 25,000 mi severe.	every 50,000 mi	**Was due at 100,000 mi, next 150,000 mi** [M1][M2][M3]	**$259**

M1. 2001 Chevrolet Silverado Owner Manual (Maintenance Schedule) OFFICIAL
https://assets.gm.com/manuals/chevrolet/2001_chevrolet_silverado_owners.pdf

M2. 2005 Chevrolet Silverado Owner Manual (Maintenance Schedule) OFFICIAL
https://assets.gm.com/manuals/chevrolet/2005_chevrolet_silverado_owners.pdf

M3. 2010 Chevrolet Silverado Owner Manual (Maintenance Schedule) OFFICIAL
https://assets.gm.com/manuals/chevrolet/2010_chevrolet_silverado_owners.pdf

M4. 2008 Chevrolet Express Owner Manual (Maintenance Schedule) OFFICIAL
https://assets.gm.com/manuals/chevrolet/2008_chevrolet_express_owners.pdf

M5. 2013 Chevrolet Silverado Owner Manual (Maintenance Schedule) OFFICIAL
https://assets.gm.com/manuals/chevrolet/2013_chevrolet_silverado_owners.pdf

WHERE 140K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Broken exhaust manifold bolts (exhaust leak, tick)	39,000–94,000 mi (middle half of 13 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	● Past the range
2	In-tank fuel pump failure (stall, no start)	22,000–65,000 mi (middle half of 10 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	● Long past the range
3	Reduced engine power from throttle position sensor (P2135)	2008–2011 engines in the GM bulletin 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 2010 Chevrolet Silverado 2500HD

Safety recall repairs are free at Chevrolet 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 1GC4KXBG2AF123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Chevrolet dealer for a campaign printout; it also lists completed campaigns.

6.0L VORTEC V8 (LQ4 / LY6 / L96 / LC8) RECALLS WE TRACK

Other 6.0L Vortec V8 (LQ4 / LY6 / L96 / LC8) recalls we track, not listed by NHTSA for this model and year: 19V-088 (front fuel tank may overfill (2016–2018 Silverado/Sierra 3500 gas, dual tanks)), 17V-664 (front fuel tank may overfill (2011–2015 Silverado/Sierra 3500, dual tanks)).

EVERY RECALL NHTSA LISTS FOR THE 2010 CHEVROLET SILVERADO 2500HD (5)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
21V-054	Air bags · frontal · passenger side	An inflator explosion may result in sharp metal fragments striking the driver or other occupants, resulting in serious injury or death. Details
21V-053	Air bags · frontal · passenger side	An inflator explosion may result in sharp metal fragments striking the driver or other occupants, resulting in serious injury or death. Details
21V-050	Air bags · frontal · passenger side	An inflator explosion may result in sharp metal fragments striking the driver or other occupants, resulting in serious injury or death. Details
18V-267	Equipment · fire extinguisher (some trucks)	A clogged fire extinguisher may not discharge when needed, increasing the risk of injury in a fire. Details
14V-407	Electrical system · auxiliary battery fusible link (trucks with an auxiliary battery)	If the fusible link melts it may come into contact with adjacent components, damage the electrical center cover, the nearby wiring harness conduit and other vehicle components, increasing the risk of a fire. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: SILVERADO 2500. 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 3 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 (GMT900). Left out because they apply to other models, years, engine sizes or body codes: Broken rocker arm (2017–2018); Low oil pressure from a sticking pump relief valve (2019–2020).

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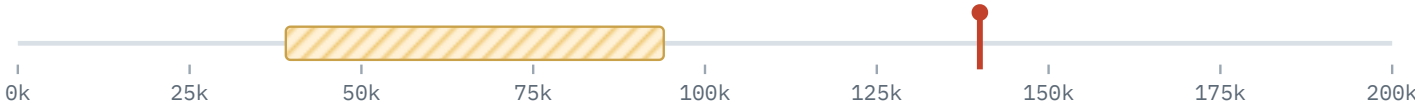
1 Broken exhaust manifold bolts (exhaust leak, tick)

Past the range

Severity: Medium: leaks and wear · 55 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

At 140,000 mi this car is past the reported range (39,000–94,000 mi (middle half of 13 owner complaints that state a mileage)). If the original parts are still fitted, have them checked and plan for them. Range: 39,000–94,000 mi (middle half of 13 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: Common on older, high-mileage trucks

WHAT FAILS FORUM/BLOG [2][3]

Owners report that exhaust manifold bolts break on one or both sides. The leak makes a tick, often loudest when cold, and can let exhaust fumes into the cab. Bolts that break flush with the head are hard to remove near the firewall.

SYMPTOMS

- Ticking noise, louder when cold
- Exhaust smell in the cab
- Black soot at the manifold

IF IT'S LEFT TOO LONG

Exhaust fumes in the cab are a health risk; the leak can burn nearby wiring.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix when the tick starts; ask for new studs and gaskets.

ESTIMATED REPAIR COST

Exhaust manifold replacement, 2006–2007 Silverado 2500 HD 6.0L (YourMechanic quotes)	**Our price is in the plan above** ask us for a written quote
One owner quote when broken bolts needed extra work	**$2,100** FORUM/BLOG [3] reported range for the bill after a failure

Where the numbers come from: Early range: YourMechanic quotes for one manifold; broken bolts add drilling or extraction time. Failure figure is a single owner quote, not a shop quote.

PARTS FOR GMT900

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

QUESTIONS TO ASK US

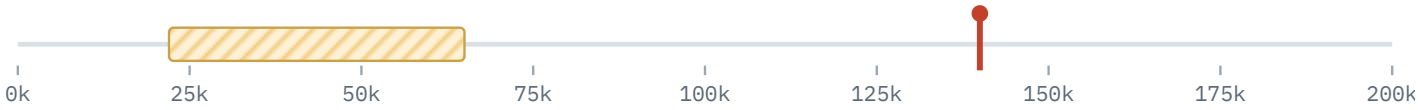
- Any exhaust tick or fume smell?
- Manifold bolts ever replaced?

2 In-tank fuel pump failure (stall, no start)

Long past the range

Severity: High: overheating, stalls, limp mode or a big bill · 81 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 140,000 mi this car is long past the reported range (22,000–65,000 mi (middle half of 10 owner complaints that state a mileage)). Many cars at this mileage have already had this repaired, and some never had the fault. Check the records and the part itself before planning it. Range: 22,000–65,000 mi (middle half of 10 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: 2010–2014 Express and Savana in the GM coverage; any high-mileage truck

WHAT FAILS OFFICIAL [5]

GM extended coverage on 2010–2014 Express and Savana vans because the fuel pump can stop working from an open circuit or an overheating terminal at the pump module. Dealers replaced the pump and, on early vans, the harness terminals. That coverage was 10 years or 120,000 miles, so most vans are now outside it.

SYMPTOMS

- Hard starting or no start
- Stalling
- Whine from the fuel tank

IF IT'S LEFT TOO LONG

A stall in traffic is a safety risk; the truck can strand you.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Replace with a quality pump at the first symptoms; check the connector for heat damage.

ESTIMATED REPAIR COST

Fuel pump replacement, Silverado 2500 HD 6.0L (YourMechanic quotes)	**Our price is in the plan above** ask us for a written quote
Same job, plus towing if it strands you	**$995–$1,798** SHOP/RETAILER [6] reported range for the bill after a failure

Where the numbers come from: YourMechanic model-year quotes for a 6.0L HD truck. For comparison, owner bills in NHTSA complaints: Computed from 6 NHTSA owner complaints that quote a repair bill for this problem (middle half of the bills; median $930). Examples: ODI 11472760, 11440947, 11658680, 10140018. Owner-reported, often dealer prices; not shop quotes.

PARTS FOR GMT900

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

QUESTIONS TO ASK US

- Fuel pump ever replaced?
- Any hard starts or stalls?

3 Reduced engine power from throttle position sensor (P2135)

Any mileage

Severity: Medium: leaks and wear · 63 mentions in counted NHTSA complaints
COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2008–2011 engines in the GM bulletin), so mileage doesn't say much here.
Range: 2008–2011 engines in the GM bulletin OFFICIAL [7]

WHAT FAILS OFFICIAL [7]

GM says the check-engine light and a Reduced Engine Power message with code P2135 can come from a throttle position sensor fault. The dealer fix is a sensor cover and an engine control module update, not a new throttle body.

SYMPTOMS

- Reduced Engine Power message
- Check-engine light, P2135
- Poor throttle response

IF IT'S LEFT TOO LONG

Sudden loss of power in traffic.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Ask for the GM bulletin fix before buying a throttle body.

ESTIMATED REPAIR COST

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

PARTS FOR GMT900

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

QUESTIONS TO ASK US

- Any Reduced Engine Power messages?
- Throttle body replaced?

5 · ALSO REPORTED, NOT RANKED

Other themes in 6.0L Vortec V8 (LQ4 / LY6 / L96 / LC8) 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
Transmission	331	Counts every transmission complaint (4L80-E and 6L90 automatics); not an engine fault.
Stalling / loss of power	255	Mixed causes: fuel pumps, throttle faults and sensors.

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/GM 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 Silverado and Sierra 2500/3500 complaints that do not mention a diesel or the 8.1L, plus Silverado/Sierra, Suburban, Yukon XL, Express and Savana complaints that mention the 6.0L; and all 2003–2007 Hummer H2 complaints: 3,433 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. HD truck complaints that do not name the engine are counted, so some may be about the 4.8L, 5.3L or 6.6L diesel. `COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Transmission	331	Also reported
Stalling / loss of power	255	Also reported
Fuel pump	81	Item 2
Rocker / lifter / misfire	67	Other years or engine sizes
Throttle / reduced power	63	Item 3
Exhaust manifold / tick	55	Item 1
Oil pressure	11	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 2003–2007 Hummer H2, 2001–2019 Silverado and Sierra 2500/3500 gas complaints (diesel and 8.1L excluded), 2001–2008 Silverado/Sierra, 2001–2013 Suburban and Yukon XL 2500, and 2003–2020 Express and Savana complaints that mention the 6.0L, pulled Oct 28, 2026 (ODI numbers in the cost notes) `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. GM-Trucks.com forum: Manifold bolts on 1999-newer Silverado (owners report broken exhaust manifold bolts and an exhaust tick), via search extract Oct 27, 2026 `FORUM/BLOG`
https://www.gm-trucks.com/forums/topic/30687-manifold-bolts-on-1999-newer-silverado/

3. CarComplaints: 2006 Chevrolet Silverado 2500 engine problems (broken exhaust manifold bolts, exhaust fumes, owner repair quotes), via search extract Oct 27, 2026 FORUM/BLOG
https://www.carcomplaints.com/Chevrolet/Silverado_2500/2006/engine/engine.shtml

4. YourMechanic: Chevrolet Silverado 2500 HD exhaust manifold replacement estimates, via search extract Oct 27, 2026 SHOP/RETAILER
https://www.yourmechanic.com/estimates/chevrolet/silverado-2500-hd/exhaust-manifold-replacement

5. GM Special Coverage 14634: Fuel pump module battery terminal: the fuel pump can stop working from an open circuit or overheating terminal (2010–2014 Express and Savana; 10 years / 120,000 miles) (2015-02-14), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2015/MC-10134765-9999.pdf

6. YourMechanic: Chevrolet Silverado 2500 HD fuel pump replacement estimates, via search extract Oct 27, 2026 SHOP/RETAILER
https://www.yourmechanic.com/estimates/chevrolet/silverado-2500-hd/fuel-pump-replacement

7. GM Service bulletin 11-06-04-007C: MIL on, Reduced Engine Power, DTC P2135 (throttle position sensor 1-2 correlation): install a throttle position sensor cover and reprogram the ECM; do not replace the throttle body (2008–2011, lists RPO LY6 and L96) (2012-11-08), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2012/MC-10137449-9999.pdf

8. GM PIP5522D: 6.0L engine noise and/or misfire from a broken rocker arm; the valve can drop into the cylinder (2017–2018 Express, Savana, Silverado HD and Sierra HD with the L96 or LC8) (2019-09-17), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2019/MC-10165890-9999.pdf

9. GM Service bulletin 20-NA-161: Low oil pressure indicator, DTC P0521: sticking oil pressure relief valve in the oil pump; check the #1 main bearing (2019–2020 L96 and LC8) (2021-05-01), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2021/MC-10199250-9999.pdf

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

11. NHTSA recall records: 19V-088 (2016–2018 Silverado/Sierra 3500 gas with dual tanks) and 17V-664 (2011–2015 3500 with dual tanks): front tank can overfill and be punctured by the driveshaft, checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=19V088000

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 Chevrolet dealer or qualified shop. Safety recall repairs are free at Chevrolet 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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