REDLINE AUTOMOTIVE

SERVICE · DIAGNOSTICS · MOT

1180 Ashcroft Road, Sacramento, CA 95814
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REPAIR ESTIMATE

NOT AN INVOICE — AUTHORISATION REQUIRED

ESTIMATE	**EST-58204**
DATE	**August 4, 2026**
VALID FOR	**14 days**
ADVISOR	**M. Okafor**
JOB CARD	**JC-2026-11947**

CUSTOMER

Diane Petrakis
44 Ellerslie Court, Sacramento, CA 95818
+1 (916) 555-0287 · d.petrakis@example.net
Account RA-4471

VEHICLE

2019 Volvo XC60 T5 Momentum

VIN	**YV4102RK1K1234567**
Registration	**8KLM429**
Odometer	**84,312 mi**
Engine	**2.0 T5 petrol**
Colour	**Denim Blue**
Received	**Aug 3, 2026, 08:20**
Last service	**Nov 2025, 71,940 mi**
Warranty	**Out of manufacturer warranty**

REPORTED FAULT & FINDINGS

Reported by customer: Grinding noise from the front when braking, worse when cold. Steering wheel shakes under braking from highway speed. A warning light for the brake pad wear sensor came on last Tuesday.

Findings on inspection: Front pads worn to 2.1 mm against a 3 mm minimum, with uneven wear on the inboard pad of the nearside caliper. Both front discs scored and below the minimum thickness stamped on the hub (24.6 mm and 24.4 mm against 26 mm minimum). Nearside caliper slide pins seized, which accounts for the uneven wear and the vibration. Rear pads at 6 mm and serviceable. Brake fluid tested at 3.1% water content, above the 2% replacement threshold.

Diagnostic note: Road test confirmed vibration through the steering above 50 mph under braking, consistent with disc thickness variation rather than a wheel balance fault.

LABOUR — 5.6 hours estimated

OPERATION	TECHNICIAN	HOURS	RATE/H	AMOUNT
Diagnostic inspection and road test Brake system inspection, pad and disc measurement, road test before and after	T. Alvarez	0.8	$145.00	$116.00
Replace front pads and discs Both sides, includes hub face cleaning and torque to specification	T. Alvarez	2.4	$145.00	$348.00
Recondition nearside front caliper Free and lubricate slide pins, replace boots, verify piston travel	T. Alvarez	1.1	$145.00	$159.50

OPERATION	TECHNICIAN	HOURS	RATE/H	AMOUNT
Brake fluid flush and bleed Full four-corner flush, pressure bleed, moisture test on completion	R. Nkemdi	0.9	$145.00	$130.50
Reset pad wear sensor and clear codes Includes service reminder reset and post-repair road test	R. Nkemdi	0.4	$145.00	$58.00
	Labour subtotal	**5.6**		**$812.00**

PARTS & MATERIALS

PART NUMBER	DESCRIPTION	QTY	UNIT	AMOUNT
31341294	Front brake pad set — OE Volvo Includes wear sensor and anti-squeal shims	1	$128.40	$128.40
31423325	Front brake disc, vented 345 mm — OE Volvo Sold individually; two required	2	$141.75	$283.50
SP-4471C	Caliper slide pin and boot kit Aftermarket equivalent; 24-month warranty	1	$36.90	$36.90
31408954	Brake pad wear sensor, front	1	$24.15	$24.15
DOT4-1L	Brake fluid DOT 4 low viscosity, 1 L	2	$18.60	$37.20
CU-9920	Copper grease and brake cleaner Consumables used on this job	1	$14.80	$14.80
			Parts subtotal	**$524.95**

SUNDRIES & SUBLET

ITEM	BASIS	AMOUNT
Shop supplies	3% of labour, capped at $40	$24.36
Hazardous waste disposal	Brake fluid and pad material	$18.00
Wheel refit and torque check	Fixed	$12.00

ESTIMATE SUMMARY

Labour (5.6 h)	$812.00
Parts & materials	$524.95
Sundries & sublet	$54.36
Net	$1,391.31
Account discount (5% labour)	−$40.60
Sales tax at 8.75% (parts only)	$45.93
ESTIMATED TOTAL	**$1,396.64**

Estimated completion: 2 working days from authorisation

WORK NOT QUOTED — ADVISORY

OBSERVATION	URGENCY	INDICATIVE
Rear brake pads at 6 mm — monitor, replace at next service	Advisory	$310
Nearside front lower arm bush showing early cracking	Monitor	$420
Cabin filter contaminated; not part of this repair	Advisory	$78
Front tyres at 3.4 mm — legal but nearing replacement	Monitor	$540

ESTIMATE DISCLAIMER — PLEASE READ BEFORE AUTHORISING

1. This is an estimate, not a fixed-price quotation. It is based on the fault described and on inspection to the point reached at the time of writing; further faults may only become apparent once components are removed.
2. We will not exceed the authorised total without contacting you first. If additional work is required, we will stop, call you on the number above, and obtain your authorisation before continuing. Where we cannot reach you, the vehicle is left safe and no further charge accrues.
3. Parts prices are held for 14 days and are subject to supplier availability. Where an OE part is unavailable within the estimated completion time, we will offer an equivalent and confirm any price difference with you before fitting.
4. Labour times are taken from the manufacturer's published schedule. Seized, corroded or previously damaged fasteners can add time; any such addition is notified and authorised before it is incurred.
5. Diagnostic time already incurred is chargeable whether or not you authorise the repair.
6. Replaced parts are retained for seven days and are available for inspection on request. Parts under a supplier warranty claim must be returned and cannot be released.
7. Work carries a 24-month or 24,000-mile warranty on parts and labour, whichever comes first, subject to our published terms. The warranty does not cover wear items used outside their intended service conditions.
8. The vehicle is not released until the invoice is settled in full. Storage is charged at $28 per day from the third day after we notify you that the work is complete.

Authorisation to proceed

I am the owner of the vehicle described above, or am authorised to act on the owner's behalf. I have read the estimate disclaimer and authorise Redline Automotive to carry out the work listed, and to operate the vehicle for the purpose of testing and diagnosis.

- ☐ Proceed with all work listed
- ☐ Proceed with labour only — contact me before ordering parts
- ☐ Do not proceed — return as is

SIGNATURE	NAME	DATE & TIME	AUTHORISED CEILING
_____	_____	_____	_____
Customer or authorised agent	Please print	DD / MM / YYYY	If different from the total above

Redline Automotive · 1180 Ashcroft Road, Sacramento, CA 95814 · +1 (916) 555-0143 — estimate prepared by M. Okafor on August 4, 2026.