

Year	Make / Model	VIN	License	Mileage	Unit / Stock	Color	
2018	Volvo / VNL	4V4NB9EH8JN998071	7040	469935	7040		
Open Date / Time		Delivery Date	Complete	Engine Hours	Key Tag	Service Writer	P.O. Number
01-05-22 / 11:46AM		09-29-17	01-20-22	16053.0		106*cew	STPO-19758
Engine Model / Serial #			Transmission Model/Serial #		Rear Axle Model / Serial #		
D13 / 1172488			ATO2612F I-SHIFT / 0710828146		MFS13123 / SFOR04313102		
Memo							

- 1 CSA Check 22 Inspection Quick Care / Ride Assured is a basic service and Vehicle Inspection
 xw35966-pulled unit in shop had datalink faults for brakes and vecu. read faults and began to check voltage. inspected wiring on side radar and had no damaged wiring. checked the front radar and found the radar is unplugged i plugged back in and faults went inactive.i took on test drive and cruise and everything works and truck drives fine done

TOTAL LABOR

- 2 clutch slipping
 xy83200 warmed truck up and went to drive it and it wouldn't move had to get the front end loader and get it lifted into the shop. got i in the shop and pulled faults. ran clutch system tests and checked operation. found with a test shifter it worked parts quoted xy36792-- towed units out of way of this one removed and replaced gear shifter programed calibrated trans cleared faults test drove unit still has codes for brakes and vecu xw35966-pulled unit in shop had faults for radar found the radar is unplugged i plugged back in and have no faults now i took on test drive and cruise and everything works and truck drives fine done

TOTAL LABOR

TOTAL PARTS

Qty	Part Number	Description	List	Unit	Extended
1	23772271	GEAR SHIF			

SHOP SUPPLIES

PLEASE SEE REVERSE SIDE FOR ADDITIONAL DISCLOSURES.

SHOP SUPPLY COSTS: We have included a charge equal to 10% of the total cost of labor, not to exceed \$350.00, in the Misc. Charges amount for shop supplies used in connection with this repair.

WARRANTY STATEMENT AND DISCLAIMER: PLEASE SEE THE DEALERSHIP'S LIMITED WARRANTY ON THE REVERSE SIDE OF THIS REPAIR INVOICE.

By signing Below, you acknowledge that you were notified of and authorized the dealership to perform the services/repairs itemized in this invoice and that you received (or had the opportunity to inspect) any replaced parts as requested by you. The vehicle is being returned to you in exchange for your payment of the Amount Due. CUSTOMER AGREES TO PAY/REIMBURSE THE DEALERSHIP FOR ALL UNPAID AND DENIED WARRANTY CLAIMS. A FINANCE CHARGE OF ONE AND ONE-HALF PERCENT (1 1/2%) PER MONTH IS APPLIED TO ALL COMMERCIAL/BUSINESS ACCOUNTS 30 DAYS PAST DUE. / THIS EQUALS AN ANNUAL PERCENTAGE RATE OF EIGHTEEN PERCENT (18%). DEALERSHIP ASSUMES NO RESPONSIBILITY FOR PERSONAL ITEMS LEFT IN VEHICLE.

CUSTOMER SIGNATURE

AUTHORIZED DEALERSHIP REPRESENTATIVE SIGNATURE

DATE

Work Order

VT21251

Page 2 of 3

Invoice Date: 01-21-22

Invoice Date: 01-21-22

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Memo						

SLS-SVC CUST LBR TRK
SLS-PTS P&A RO MECH
OTHER SUPPLIES-SVC
PLEASE PAY THIS TOTAL

1,829.43

WHEEL LUG NUTS NEED RETOURQUED AFTER 100 MILES.

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DATE

Repair Order Detail - Internal Copy

RO Number: 7425ERS

RO Status: CLOSED

Click to View Cust Copy
Cell:

18 VNL

Mileage: 406,246
Service advisor: 3313
Tag number: TTH13441

Payment type: CASH
Promised time: 03:00 PM
Promised date: 02/11/2021

Waiter: No
Estimate: 0.00
Customer Comments: No

A DIAG ENGINE FAULT LOW POWER
DIAG2 WV DIAG ENGINE FAULT LOW
POWER

Tech(s): 3286, 3306

Pts:

Story: 406246 valve cover needs pulled to have camshaft lobes /
rockers inspected for pumping injector #6, while running the
"High Pressure Fuel Rail Leakage Test" it failed 3 times in
a row, saying pumping injector #6 is not operating
correctly, possibly due to: - injector adjustment off /
damaged - worn camshaft lobe for the injector - damaged
injector / plunger This code can cause the other EPRV codes
present. Please advise. PTT says if the fuel rail pressure
system has a leak, the results would not be all the same for
the test. -3286- REMOVED ROCKERSHAFT AND CHECKED EXHAUST
BRAKE PISTONS, ALL WERE LOOSE, WILL NEED REPLACED

B** REMOVE AND REPLACE CAMSHAFT AND PRESSURE SENSOR
2INJR WV REMOVE AND REPLACE
CAMSHAFT AND PRESSURE
SENSOR

Tech(s): 3225, 3253, 3306

22782247	1 CONNECTION PIPE
22777560	1 GASKET
8192804	8 FLANGE SCREW
984735	1 FLANGE SCREW
21406640	6 ROCKER ARM
21344778	12 FLANGE SCREW
20412482	1 FLANGE SCREW
22879256	6 CAMSHAFT BEARING KIT
22879257	1 CAMSHAFT BEARING KIT
23271083	1 CAMSHAFT
FRT	1 FREIGHT CHARGE
23488939	1 PRESSURE SENSOR
23502054	1 WIRING HARNESS
984761	7 FLANGE SCREW
21406640	-6 CORE RETURN

Pts:

Story: 406246 Removed valve cover and inspected cam lobes and
rocker arms, all look okay and felt cam lobes with finger
tip, no deep scratches or gouges, put on test valve cover to
run engine, looked at running rocker assembly for evidence
of a spun #6 injector rocker, looked okay, performed manual
injector cut out test, while engine is running at and idle,
the engine fuel system is delivering 60.00 - 70.00

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mg/stroke, with pumping injectors #2 or #4, the mg/stroke increases immediately to 130.00 - 140.00 mg/stroke to compensate. When pumping injector #6 is turn off, the mg/stroke does not change at all, this may indicate #6 pumping injector is not functioning properly. remove rockers, lower valve cover and other parts from truck, clean top of head, replace cam, cam bearings and set timing torque cam gear and 7 outside cam hold down bolts,  
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Customer Pay
Labor
Parts
Lube
Sublet
Miscellaneous/Shop Charge
Deductible
Total Charges
Less Insurance/Adjustment
Sales Tax
Total

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