

WARRANTY REPAIR ORDER			Work Phone	R/O Open Date	R/O Number
			Home Phone	R/O Close Date	Cross Reference #
Year: [REDACTED] Make: [REDACTED] Model: [REDACTED]			Body	Mileage In	Mileage Out
			License Number	Service Advisor	
vehicle identification number: [REDACTED]			Color: FROS	Delivery Date	In-Service Date
			Devin		

DESCRIPTION OF SERVICE AND PARTS	COST	AMOUNT
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Part: [REDACTED] N-FLUID ([REDACTED])
 Got approval for engine replacement from [REDACTED].
 Performed Engine Replacement Following Document ID: [REDACTED]. Swapped over all components to new engine and torqued to specification. Replaced all necessary and [REDACTED] use seals, gaskets and hardware. Installed engine following Document ID: [REDACTED]. Primed engine oil lubrication system with recommended fluid. Installed new radiator along with new engine oil cooler lines due to metal contamination. Installed engine oil filter and filled engine with recommended oil. Filled and primed cooling system. Primed fuel system and verified no fuel leaks. Started engine and got to operating temperature. Performed all necessary resets and learns as per Document ID: [REDACTED]. Scanned for codes and no DTCs present. Verified good oil pressure and operating temperature. Test drove vehicle and verified no further engine noise.

OLD [REDACTED] NUMBER: [REDACTED]
 [REDACTED] NUMBER: [REDACTED]
 Sub-Total Labor: [REDACTED]
 Sub-Total Parts: [REDACTED]
 Sub-Total: [REDACTED]

Line	1	[REDACTED]	Tech 108	Start	9 [REDACTED]	End	[REDACTED]
Line	1	[REDACTED]	Tech 108	Start	9:24	End	[REDACTED]
Line	1	[REDACTED]	Tech 108	Start	[REDACTED]	End	[REDACTED].00
Line	1	[REDACTED]	Tech 108	Start	[REDACTED]	End	[REDACTED]
Line	1	[REDACTED]	[REDACTED]	Start	9	End	[REDACTED]
Line	1	[REDACTED]	[REDACTED]	Start	[REDACTED]	End	[REDACTED]

ACCOUNT #	LABOR	[REDACTED]
	PARTS	[REDACTED]
METHOD	SUBLET	[REDACTED].00
	SHOP SUPPLIES	[REDACTED].00
	SALES TAX OR TAX	[REDACTED]
RECEIPT #	DEDUCTIBLE	[REDACTED]
	TOTAL DUE	[REDACTED]

WARRANTY REPAIR ORDER

[REDACTED]			Work Phone	[REDACTED]	[REDACTED]
[REDACTED]			Home Phone	[REDACTED]	[REDACTED]
[REDACTED]			Body	Mileage In	Mileage Out
[REDACTED]			4WD CREW CAB	[REDACTED]	[REDACTED]
Year	Make	Model	License Number	Service Advisor	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Vehicle Identification Number		Color	Delivery Date	In-Service Date	
[REDACTED]		WHITE FROS	[REDACTED]	[REDACTED]	

DESCRIPTION OF SERVICE AND PARTS	COST	AMOUNT
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Cell: [REDACTED]

#1 - CEL: CUSTOMER STATES CHECK ENGINE LIGHT ON
 DIAGNOSIS STARTS AT [REDACTED]
 CUSTOMER STATES CEL COMES ON- VEHICLE STUDDERS
 WHEN GOING TO ACCELRATE- CAN HEAR A RATting NOISE
 AS IF IT IS LIFTER CLATTER OF SPARK KNOCK PLEASE
 ADVISE

Cause: Verified customer concern. Scanned for codes and none found. Checked engine oil level and found it to be ok. Checked engine oil condition and see some metal flaking on [REDACTED]. Observed engine oil pressure on scan tool with GDS. Found engine oil pressure to be [REDACTED] at [REDACTED] engine [REDACTED] at [REDACTED] and [REDACTED] at [REDACTED]. Per Document ID: [REDACTED] Engine Mechanical Specifications, the engine oil pressure is lower than minimum specification. Need to remove engine and disassemble for further inspection. Removed engine and disassembled. Inspected cylinder heads and found them to be OK. Inspected lifters and found them to be heavily scored on machined surface and found machined bores in engine block for lifters to be heavily scored as well. Removed camshaft and inspected. Found camshaft lobes to be slightly worn. Inspected camshaft bearings and found them to have hot spots as well as un-even wear pattern. Removed crankshaft and connecting rods. Inspected all connecting rod bearings and crankshaft bearings. Found all lower end bearing excessively worn due to engine oil pump failure. Note upon engine oil filter removal, drained metal contaminants from filter. Recommend replacing engine. Note Management reached out to GM for support on engine replacement.

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RECEIPT #	DEDUCTIBLE
	TOTAL DUE

WARRANTY REPAIR ORDER

Work Phone		R/O Open Date	R/O Number
Home Phone		05/12/25	Cross Reference #
Body		R/O Close Date	Mileage In
License Number		Mileage Out	
Year	Make	Model	Color
		SIERRA 1500	FROS
Vehicle Identification Number			

DESCRIPTION OF SERVICE AND PARTS	COST	AMOUNT
Tech: [REDACTED]		387.93
Tech: [REDACTED] 3.00hrs @ [REDACTED]		
Tech: [REDACTED] @ [REDACTED]		
Op: [REDACTED]) Engine Replacement		
Tech: [REDACTED] @ [REDACTED]		
Tech: [REDACTED] 1.00hrs @ [REDACTED]		
Part: [REDACTED] :R-REMANUFACTURED [REDACTED] ([REDACTED])		7179.70
Part: [REDACTED] -C:R-REMANUFACTURED [REDACTED] ([REDACTED])		
Part: [REDACTED] -C:R-REMANUFACTURED [REDACTED] (00 -1 [REDACTED])		
Part: [REDACTED] -N-GASKET ([REDACTED])	2 1.38	3.04
Part: [REDACTED] -N-GASKET ([REDACTED])		39.76
Part: [REDACTED] -N-PIPE (03163- [REDACTED])	1 9.67	21.37
Part: [REDACTED] -N-GASKET ([REDACTED])	1 .64	1.41
Part: [REDACTED] -N-GASKET ([REDACTED])	2 22.00	48.60
Part: [REDACTED] -N-BOLT ([REDACTED])	10 56. [REDACTED]	23.70
Part: [REDACTED] -N-BOLT (00002- [REDACTED])	2 1.14	2.52
Part: [REDACTED] -N-BOLT (00002- [REDACTED])	4 2.28	5.04
Part: [REDACTED] -N-BOLT (00002- [REDACTED])	2 6.36	14.06
Part: [REDACTED] -N-BOLT (00002- [REDACTED])	6 19.08	42.18
Part: [REDACTED] -N-BOLT ([REDACTED])	8 30.32	66.96
Part: [REDACTED] -N-GASKET (04515- [REDACTED])	1 7.67	16.95
Part: [REDACTED] :N-COOLANT ([REDACTED] -BOF [REDACTED])	2 30.30	66.94
Part: 19432331:OW20 DEXOS 1	10 55.90	123.50
Part: 86788215 [REDACTED] -N-HOSE (01540- [REDACTED])	1 100.60	222.28
Part: 85575814: [REDACTED] *-N-RADIATOR (01219- [REDACTED])	1 325.17	718.46
Part: 12677002: [REDACTED] -N-PIPE (03163- [REDACTED])	1 45.64	100.84
Part: 19432442: [REDACTED] KIT (03331- [REDACTED])	2 20.56	45.42
Part: [REDACTED] (03611- [REDACTED])	1 13.17	29.10
Part: [REDACTED] :N-NUT ([REDACTED] -BOF [REDACTED])	6 24.00	53.04
Part: [REDACTED] (03611- [REDACTED])	1 12.47	27.55
Part: [REDACTED] :N-CLAMP (03708- [REDACTED])	1 38.03	84.03
Part: [REDACTED] -N-BOLT (00662- [REDACTED])	1 23.37	51.64
Part: [REDACTED] KIT ([REDACTED])	1 48.35	106.83
Part: [REDACTED] ([REDACTED])	1 38.76	85.64
Part: [REDACTED] ([REDACTED])	1 9.43	20.84
Part: [REDACTED] ([REDACTED])	1 10.25	
Part: [REDACTED] ([REDACTED] -BOF [REDACTED])	1 12.36	27.31
Part: 19459511 [REDACTED] -N [REDACTED] ([REDACTED])	8 68.72	151.84
Part: [REDACTED] -N-GASKET ([REDACTED])	1 8.86	19.58
Part: [REDACTED] -N-FILTER ([REDACTED] -BOF [REDACTED])	1 5.61	12.40
Part: [REDACTED] -N-PUMP ([REDACTED])	1	

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