



Service Invoice Proposal

Proposal Date

6/14/2022

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Store Location
 401 Northwest 56th Street
 Lincoln, NE 68528
 (888) 833-1455

Bill To:
 Greg Sattler
 3706 E State Highway 41
 Cortland, NE 68331-8084
 USA

PD check
~~1571~~
 1571

Jobsite:
 Greg Sattler
 401 NW 56th St
 Lincoln, NE 68528-8842
 USA

Account Number		Invoice Number		Customer PO		Division	
N027199		NOT AN INVOICE				TK	
Document Number		Payment Terms		Service Call Date		Service Writer	
SC515466		COD - PAYMENT ON DELIVERY		12/13/2021		Brandie R Neeman	
Make	Model	Serial Number	Customer Equipment Number	Equipment Number	Last Meter		
AA	3116	2BK37644		EQN156317	0.00		

Workscope	Extended Price
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Troubleshoot - Engine Miss

Customer complaint:

Engine had misfire, and a switch is possibly bad.

Resultant damage:

Engine would misfire.

Cause of failure:

#6 injector is causing misfire.

Repair process comments:

Drove to customer location. Customer started truck up, heard misfire in engine. Customer talked about transmission not wanting to shift when transmission selection device shows faults. Shut down engine. Removed air intake piping. Removed valve cover. Started engine up, Pushed fuel rack on individual injectors. Found engine would misfire more on first 5 cylinder, no change on cylinder #6. Reinstalled valve cover and air intake piping. Talked to customer about having truck towed to our shop. Drove back to the shop.

Mileage at end of overhaul
~~149,910~~ miles
 149,898

Parts

2.00 6V5230

BOLT

1.02

2.04

Labor

Total Labor

441.61

Total Segment Parts	2.04
Total Segment Labor	441.61
Total Segment Miscellaneous	0.00
Segment Total	443.65

Check - Ignition Switch

Customer complaint:

Check Key Switch

Resultant damage:

Corroded wiring

Repair process comments:

Truck does not start all the time. Traced wiring to switch on firewall. Wires are corroded at mag switch. Cleaned up wiring and starts every time.

Labor

Total Labor

134.93



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Total Segment Parts	0.00
Total Segment Labor	134.93
Total Segment Miscellaneous	0.00
Segment Total	134.93

Overhaul - Engine

Customer complaint:

Cylinder wall # 6 scored.

Resultant damage:

Engine miss fire.

Cause of failure:

Scored cylinder.

Repair process comments:

Pulled cylinder block and sent to machine shop and have all cylinders sleeved. Installed new piston and rod assemblies. New rod and main bearings were installed. Re-man cylinder head installed. Re-man injectors installed. Replaced injector rack control. Water pump replaced with re-man. Re-man oil pump installed. Reused oil cooler. Install new water temp. regulator. Changed air filter. Installed new exhaust manifold and turbocharger. Install new ELC coolant. Test run engine and check for leaks.

Parts				
12.00	1416348	BOLT HEX HEA	10.33	123.96
4.00	4186781	STUD TAPERLO	25.36	101.44
4.00	3E8017	LOCKNUT	6.40	25.60
1.00	1S7057	GASKET	0.92	0.92
1.00	7W2398	GASKET	1.48	1.48
1.00	9M4849	SEAL O RING	4.95	4.95
1.00	6V8397	SEAL	1.26	1.26
2.00	6I1241	PUSH ROD	21.96	43.92
1.00	1R1807	LUBE FILTER	21.93	21.93
1.00	1154144	MANIFOLD	313.55	313.55
1.00	6I0915	MANIFOLD	300.58	300.58
1.00	6I1099	MANIFOLD	370.99	370.99
12.00	1468147	ARM AS-	69.13	829.56
6.00	7E6794	ARM AS INJ	75.89	455.34
1.00	1969518	BEARING KT-M	287.91	287.91
6.00	2246638	BEARING-CONN	33.05	198.30
1.00	0R4358	CAMSHAFT AS	1,128.18	1,128.18
1.00	0R4358CC	CAMSHAFT AS-CoreChg	707.40	707.40
1.00	4P8577	ROD A INJ	25.48	25.48
1.00	2613816	GASKET-OIL P	53.73	53.73
1.00	7E0744	V BELT	18.54	18.54
1.00	7W6552	GASKET	26.14	26.14
1.00	1359819	SEAL	21.21	21.21
3.00	4Y9652	GASKET	7.72	23.16
1.00	4F9029	SEAL	2.22	2.22
1.00	4F9653	SEAL	4.37	4.37
1.00	7C0358	GASKET	3.13	3.13
1.00	3424977	COVER-SIDE	59.92	59.92
4.00	6V2317	BOLT	0.43	1.72
2.00	MTK4988280	GASKET	7.41	14.82
1.00	10R2047	HEAD GP CYL	2,363.05	2,363.05



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1.00	10R2047CC	HEAD GP CYL-CoreChg	1,711.18	1,711.18
1.00	2682932	KIT-GASKET-S	489.12	489.12
60.00	6K0806	TIE	0.36	21.60
1.00	4F9029	SEAL	1.92	1.92
1.00	4F9653	SEAL	3.77	3.77
6.00	1395925	BOLT-SKT HD	2.87	17.22
1.00	20R7247	Pump Gp-Grtr	556.79	556.79
1.00	20R7247CC	Pump Gp-CoreChg	833.42	833.42
6.00	0R9880	PISTON PACK	357.08	2,142.48
6.00	0R9880CC	PISTON PACK-CoreChg	195.79	1,174.74
1.00	2243871	KIT-GASKET-R	83.38	83.38
1.00	0R1015	PUMP GP WTR	202.74	202.74
1.00	0R1015CC	PUMP GP WTR-CoreChg	157.94	157.94
1.00	1966931	GASKET KIT	47.28	47.28
1.00	1628756	CONTROL AS	636.04	636.04
6.00	2W7213	BEARING	19.82	118.92
2.00	LOC38657	HIGH FLEX FORM-	16.74	33.48
1.00	2M9780	SEAL O RING	1.33	1.33
2.00	3D2824	SEAL O RING	1.66	3.32
1.00	3H5552	PLUG	7.80	7.80
2.00	2M6471	PLUG	6.06	12.12
1.00	3K0360	SEAL	1.21	1.21
1.00	2165586	BEARING-SLEE	23.65	23.65
1.00	2457339	SEAL GP-CSHA	20.50	20.50
1.00	8T0226	BOLT	1.43	1.43
1.00	7E0759	HOSE	3.66	3.66
2.00	9M2904	CLAMP	3.50	7.00
1.00	1359819	SEAL	18.37	18.37
1.00	1T1068	SEAL	4.22	4.22
1.00	1S2563	PLUG	4.20	4.20
1.00	1193075	REGULATOR	19.62	19.62
6.00	0R8471	INJ GP FUEL	205.39	1,232.34
4.00	0R8471CC	INJ GP FUEL-CoreChg	160.03	640.12
1.00	8T1460	RING	0.70	0.70
1.00	7C8854	PIN	8.07	8.07
1.00	7C3839	CLIP	4.71	4.71
1.00	4K1388	SEAL O RING	2.06	2.06
1.00	DONP558010	FF/WS SPIN	28.34	28.34
1.00	1R0750	FILTER AS	21.23	21.23
4.00	8T4195	BOLT	0.84	3.36
4.00	8T4121	WASHER	0.60	2.40
12.00	6V3822	BOLT	0.70	8.40
12.00	6V5839	WASHER-HARD	0.50	6.00
10.00	9M1974	WASHER	0.36	3.60
1.00	7W5340	GASKET	1.28	1.28
2.00	3P1156	SEAL-O-RING	8.03	16.06
1.00	0R6729	TURBO GP	1,959.72	1,959.72
1.00	0R6729CC	TURBO GP-CoreChg	922.24	922.24
2.00	6F7062	WASHER	1.52	3.04
4.00	6V3940	BOLT	0.34	1.36
1.00	2388649	CAT ELC	82.40	82.40
3.00	2388648	CAT ELC	16.86	50.58
2.00	FLE9216H	CLAMPS MIN 13/16 M	2.99	5.98
2.00	8T0293	BOLT	0.57	1.14



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1.00	MTKGT3230-1	FT 1" HEATER HOSE SILICONE	8.47	8.47
2.00	FLE9220H	CLAMPS MIN 13/16 MAX 1-3/4	5.99	11.98
1.00	DONP527484	AIR PRMYRS	53.94	53.94
1.00	9L8439	CAP	10.16	10.16
2.00	8T4984	CLAMP	16.93	33.86
23.00	CTO5153960	DEO-ULS SAE 10W-30 CK4 Bulk	3.85	88.55
6.00	1148718	SEAL O RING	7.97	47.82
6.00	1395925	BOLT-SKT HD	3.32	19.92
6.00	9X8267	WASHER	0.31	1.86
2.00	0R8471	INJ GP FUEL	237.22	474.44
2.00	0R8471CC	INJ GP FUEL-CoreChg	194.11	388.22
-1.00	0R1015WC	PUMP GP WTR-CoreChg	157.94	-157.94
-1.00	0R6729WC	TURBO GP-CoreChg	922.24	-922.24
-1.00	0R8471WC	INJ GP FUEL-CoreChg	160.03	-160.03
-5.00	0R8471WC	INJ GP FUEL-CoreChg	194.11	-970.55
-6.00	0R9880WC	PISTON PACK-WornCore	195.79	-1,174.74
-1.00	20R7247WC	20R7247-CoreChg	833.42	-833.42
-1.00	0R4358WC	CAMSHAFT AS-WornCore	707.40	-707.40
-1.00	10R2047WC	HEAD GP CYL-CoreChg	1,711.18	-1,711.18

Labor	Flat Rate Labor		6,689.50	
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Miscellaneous	1.00 osp	Block Heater	95.05	95.05
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Miscellaneous	1.00	FRT	160.04	160.04
	1.00	FRT	18.86	18.86
	1.00	FRT	10.85	10.85
	1.00	FRT	15.24	15.24
	1.00	FRT	28.49	28.49
	1.00	FRT	17.25	17.25

Total Segment Parts	15,402.06
Total Segment Labor	6,689.50
Total Segment Miscellaneous	345.78

Segment Total **22,437.34**

Machine/Grind/Mill - Cylinder Block

Miscellaneous	1.00 osp	Machine Block	1,886.50	1,886.50
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Total Segment Parts	0.00
Total Segment Labor	0.00
Total Segment Miscellaneous	1,886.50

Segment Total **1,886.50**



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Add - NMC Program Discount

Parts				
-1.00	NAT-ENG-3135	TRUCK IN SHOP REBUILD	1,500.00	-1,500.00
-1.00	NAT-ENG-3232	***DO NOT USE***	125.00	-125.00
-1.00	NAT-ENG-3275	On Highway Truck Engine Component	500.00	-500.00
Miscellaneous				
-1.00	osp	Discount	334.75	-334.75

Total Segment Parts				-2,125.00
Total Segment Labor				0.00
Total Segment Miscellaneous				-334.75
Segment Total				-2,459.75

Total Invoice Parts	13,279.10
Total Invoice Labor	7,266.04
Total Invoice Miscellaneous	1,897.53
Total Tax	1,191.83

Please detach and include this portion with your payment.

Account Number	Invoice Number	Proposal Date
N027199	NOT AN INVOICE	06/14/2022

Please Pay This Amount:

\$22,771.84

Claims for shortages or damages must be made within 5 days of receipt of invoice.

Approved returns subject to restock/handling charges.

No service adjustment unless NMC, Inc. is notified, in writing, within 30 days.

For billing inquiries please call: (800) 891-8015, or email: billing@nmc-corp.com

Remit To:
 NMC, Inc.
 PO Box 911784
 Denver, CO 80291-1784