

Invoice

[REDACTED]

[REDACTED]

Plate BVG7862
Description 2013 Ram 5500 SLT L6 6.7L 408CID VIN L
VIN 3C7WRNBL3DG555453
Odometer 324,248

Invoice # 203952
Work Order # 204113
Service Advisor Virginia
Technician Tyson

Invoice Date 2/28/2023 10:21 AM
Appointment 1/16/2023 1:34 PM
Promised 1/16/2023 1:34 PM

Service

RECEIVED

VT2

102307

[Handwritten signature]

Engine Block Assembly

REMOVE AND INSTALL ENGINE

CYLINDER HEAD ALREADY TAKEN OUT WHEN TRUCK ARRIVED.

PARTS WERE IN BOXES IN THE BOX OF THE TRUCK

TOOK OUT MOTOR AND REPLACED WITH CUSTOMER SUPPLIED MOTOR.

MOVED OVER ALL ACCESSORY SENSORS AND COMPONENTS.

FILLED WITH APPROX 11.5L OF 5W40 SYNTHETIC

TOPPED UP POWER STEERING WITH 2L OF FULL SYN ATF.

HAD TO REPLACE DIP STICK DUE TO THE OLD DIP STICK CORRODING IN THE BLOCK.

INTAKE HEATER RELAY HANGING LOOSE IN ENGINE BAY. REPLACED THE HEATER RELAY.

USED 4 CRUSH WASHER STYLE O RINGS TO SEAL THE T FITTINGS FOR THE COOLING SYSTEM.

FILLED COOLING SYSTEM WITH 3 BOTTLES OF KLCH-9450 CONCENTRATE.

HAD TO ORDER NEW BRACKET FOR THE ALTERNATOR DUE TO THE OLD BRACKET MISSING.

STARTED UP TRUCK AFTER INSTALLATION OF MOTOR AND THE PREVIOUS SHOP WHO BUILT THIS MOTOR DID NOT SET VALVE LASH.

THEY DID NOT WRITE OR WARN ABOUT THE VALVE LASH NOT BEING SET.

TRUCK IDLED OKAY BUT WHEN REVVED UP THE PUSH RODS JUMPED OUT OF PLACE AND TRUCK STARTED TO RUN ROUGH.

TOOK OUT VALVE COVER AND FOUND THAT THE VALVE LASH HAS NOT BEEN SET PROPERLY.

2 OF THE EXHAUST ROCKERS ARE SEIZED

REPLACED 2 EXHAUST ROCKERS AND SET VALVE LASH.

ONCE THE TRUCK IS IN GOOD RUNNING ORDER. TOOK FOR A TEST DRIVE.

TURNED HEAT ON IN CAB AND SMELLED COOLANT IN THE CAB.

PERFORMED BLEND DOOR TEST AND THEY ALL CYCLED GOOD.

CHECKED UNDER THE HVAC BOX AND FOUND A COOLANT TRAIL GOING TO THE FLOOR. NEEDS HEATER CORE.

AFTER TEST DRIVE MADE SURE ALL FLUIDS WERE UP TO SPEC.

HAD CODE FOR THE CRANKCASE FILTER RESTRICTION.

REPLACED FILTER AND CLEARED CODES AND THAT CODE NEVER CAME BACK AFTER TEST DRIVE

HAD TO DRAIN AND REFILL COOLING SYSTEM AFTER TAKING THE ACTUATOR OUT

TOOK OUT TURBO ACTUATOR AND VERIFIED ACTUATOR IS TIGHT WHEN MOVING BUT NOT SEIZED.

THE SECTOR SHAFT ON THE TURBO IS SEIZED.

NEW TURBO IS NEEDED DUE TO THE SECTOR SHAFT BEING STUCK IN 1 SPOT.

DURING TEST DRIVE CEL CAME ON.

P1507- CRANKCASE FILTER RESTRICTION-ACTIVE-

P226C- TURBO CHARGER BOOST CONTROL SLOW RESPONSE -PENDING-

P2662- TURBO CHARGER BOOST PRESSURE NOT DETECTED -MECHANICAL-
OBDII PERMANENT CODES.

U0001- HIGH SPEED CAN COMMUNICATION BUS

P226C- TURBO CHARGER BOOST CONTROL "A" SLOW RESPONSE

P2662- TURBO CHARGER/ SUPER CHARGER BOOST PRESSURE "A" NOT DETECTED. -MECHANICAL-

U010E- LOST COMMUNICATION WITH REDUCTANT CONTROL MODULE.

P0607- CONTROL MODULE PERFORMANCE.

REMOVE AND REPLACE ENGINE

27.9 Hour

\$115.00 / Hour

\$3,208.50 *G

INSPECT TURBO ACTUATOR

2 Hours

\$115.00 / Hours

\$230.00 *G

68166477AC - BRACKET

1 Unit

\$27.25 / Unit

\$27.25 G

6510403AA - BOLT

1 Unit

\$19.62 / Unit

\$19.62 G

68206025AA - ENGINE COOLANT PIPE ORING

4 Unit

\$23.06 / Unit

\$92.24 G

68210073AA - DIPSTICK TUBE

1 Unit

\$177.77 / Unit

\$177.77 G

FRT - FRT

1 Unit

\$25.00 / Unit

\$25.00 G

904300 - INTAKE HEATER RELAY

1 Unit

\$80.79 / Unit

\$80.79 G

904418 - CRANKCASE VENT FILTER

1 Unit

\$173.51 / Unit

\$173.51 G

LF3349FLG - OIL FILTER

1 Unit

\$10.50 / Unit

\$10.50 G

R134A - R134A REFRIGERANT - FREON (OZ)

8 Ounce

\$1.49 / Ounce

\$11.92 G

KLHD3080 - 5W40 CK-4 Full Synthetic HD Engine Oil

11.5 Litre

\$12.14 / Litre

\$139.61 G

KLTF3040 - ATF UNIVERSAL FULL SYNTHETIC 1L

2 Litre

\$12.36 / Litre

\$24.72 G

Sub \$4,221.43

Total Parts

\$782.93

Total Labor

\$3,438.50

Total Before Taxes & Miscellaneous Charges

\$4,221.43

GST# 895883551 RT 0001

Invoice #203952

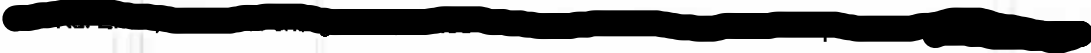
2/28/2023 10:24 AM

Page 2 of 3

(*) Shop Supplies
(G) Canadian Goods and Services Tax (GST)
Grand Total

5 %

\$100.00 G
\$216.07
\$4,537.50


Thank you for the business!

I acknowledge receipt of the vehicle and the indebtedness indicated herein.

IMPORTANT: Please have your wheels retorqued after 100 kms when any service has been performed that requires the removal of your vehicle's wheels.

Customer Signature: 

Alberta

ENGINE & PARTS LTD.

HEAVY DUTY DIESEL ENGINES & PARTS

BOX 113, 64166 - 426TH AVE
ALDERSYDE, AB. T0L 0A0 (403) 720-3494

Invoice To

CASH SALES

Ship To

Invoice

Date

17/01/2023

Invoice #

27386

P.O. No	Terms	Ship	Via	Model	Serial Number
		17/01/2023		ISB 6.7	58073482

Quantity	Item	Description	Price Each	Amount
1	CU-006LB	ISB LONG BLOCK	7,900.00	7,900.00
1	CU-007C	ENGINE CORE	2,500.00	2,500.00
6	2994928	RB INJECTOR 6.7	550.00	3,300.00
		CORE TO BE RETURNED		

Sales Tax Summary

GST @ 5.0%
Total Tax

685.10
685.10

Customer
Signature

Total

514,385.00

GST/HST No

124555061

CALGARY OFFICE:

Bay 30, 5225 - 6th Street NE, Calgary, Alberta T2K 5Y4
Telephone: 403-274-6211 Facsimile: 403-275-4600

EDMONTON OFFICE:

16661 113 Avenue NW, Edmonton, Alberta T5M 2X2
Telephone: 780-487-6211 Facsimile: 780-487-6219

Please Remit Payment to Calgary Location

BILL TO :

[REDACTED]

SHIPPED TO :

[REDACTED]

Handwritten signature and initials

Invoice

Invoice No. : 80034

GST #100105600

Customer P.O.# HE351VE	Terms COD	Salesperson Gary Greyson	PST Exemption #	Date : 03/16/23	Job # : 2303126
				Ship Via : Hi-Way 9 Collect	FOB : Alamo Edmonton

Qty	Item Code	Description/Mfg.	Price	Ext. Price
1	5326058-R	HE351VE TURBOCHARGER ORIGINAL S/N: Not Legible ASSIGNED S/N: 2303126	3,150.00	3,150.00
1	1154-300-435	HE300VG / HE351VG TURBINE WHEEL	303.25	303.25
1	3779769R	HE351VE TURBINE HOUSING	340.00	340.00
1	THF	INSIDE SERVICES MACHINE FACE TURBINE HOUSING	97.50	97.50
1	BBB	INSIDE SERVICES MACHINE BEARING BORES - machine turbine housing inlet flange to Alamo specifications - machine bearing housing bore	97.50	97.50
1	1154-300-755	HE300VG W/ TWIN PISTON RING REPAIR KIT	0.00	0.00
1	NR-VGT-VG9-002	HE351VE NOZZLE RING SET	0.00	0.00
1	5579127H	HE300VG KIT, VG TUR ACTUATOR ELECTRONIC ACTUATOR KIT	0.00	0.00
2	N70-012	S/N: NITRILE ORING	0.00	0.00
1	96-635C	FROST PLUG FROST PLUG	0.00	0.00
1	8-A-0697	Pricing: 0.50 + 0.16 PC Fee = .52 TV/T12/T18 S2A GASKET, OIL OUTLET	0.00	0.00
1	12345	RED - ALAMO, 1-5/8" LONG TAGS, ALUMINUM	0.00	0.00
2	188-UDS000018	P/N, Model, S/N #0 X 3/16" SS U DRIVE RIVET	0.00	0.00

NOTES Shipped Mar 16/23

Subtotal	3,988.25
GST	199.41
HST/PST	0.00
Total (CAD)	4,187.66

**There will be no warranty consideration for any unit that does not have an original tag.
Please see reverse for Alamo Industries Ltd. complete Warranty Policy.**

FOR-TEC INC.

MOTIVE & HEAVY DUTY REPAIRS

4906 - 67 St, Box 7331
Drayton Valley, Alberta T7A 1S5
Phone: (780) 542-7110 ~ Fax: (780) 514-2710
Email: Service@fortecinc.net
www.fortecinc.com

Invoice

Bill To

Plate BVG7862
Description 2013 Ram 5500 SLT L6 6.7L 408CID VIN L
VIN 3C7WRNBL3DG555453
Odometer 324,248

VTZ

Invoice # 204086
Work Order # 204289
Service Advisor Nicole
Technician Joe

Invoice Date 3/31/2023 5:01 PM
Appointment 2/28/2023 1:51 PM
Promised 2/28/2023 1:51 PM

Service

INSPECT TURBO OPERATION AS PER CODES ON PREVIOUS INV 203952
REMOVE EXHAUST MANIFOLD. R/R TURBO ASSEMBLY. INSTALL TURBO. INSTALL EXHAUST. INSTALL COOLANT LINES.
PRE OIL TURBO. INSTALL OIL LINES. INSTALL AIR CAC TUBE. INSTALL AIR FILTER AND PIPEING. FILL WITH COOLANT.
ROAD TEST. RE CHECK OK. SCAN FOR CODES. NONE PRESENT.

REMOVE AND REPLACE TURBO

ES73187 - TURBOCHARGER MOUNTING GASKET

MS96677 - EXHAUST MANIFOLD SET

9047146 - CUMMINS SPEED SENSOR

FREIGHT - FREIGHT

68071676AA - EXHAUST PIPE GASKET

68211451AA - ORING

5011921AA - TURBO OIL DRAIN TUBE ORING

5016648AA - TURBO OIL DRAIN TUBE ORING

6.6 Hour	\$115.00 / Hour	\$759.00 *G
1 Unit	\$336.86 / Unit	\$336.86 G
1 Unit	\$38.73 / Unit	\$38.73 G
1 Unit	\$320.97 / Unit	\$320.97 G
1 Unit	\$17.50 / Unit	\$17.50 G
1 Unit	\$37.19 / Unit	\$37.19 G
1 Unit	\$8.87 / Unit	\$8.87 G
1 Unit	\$17.80 / Unit	\$17.80 G
1 Unit	\$21.20 / Unit	\$21.20 G
Sub		\$1,558.12

Total Parts

Total Labor

Total Before Taxes & Miscellaneous Charges

\$799.12

\$759.00

\$1,558.12

(*) Shop Supplies

(G) Canadian Goods and Services Tax (GST)

Grand Total

5 %

\$60.72 G

\$80.94

\$1,699.78

POSTED

Thank you for the business!

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Customer Signature: _____