

D10-1

**Horsepower Industries**

5010 56ave

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Clyde, AB T0G 0P0, CA

jeremy@horsepowerindustries.ca

780-722-2964

Invoice:

1459

Date:

6/13/2023

**Bill To****Remit Payment To**

Primary

5010 56ave

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Clyde, AB T0G 0P0, CA

**Service Order****Terms****Due Date****Authorizer****Customer PO****Unit #**

1262

COD

6/13/2023

2834

Item	Description	Quantity	Rate	Amount
<b>Complaint: Inframe</b>				
<b>Cause: Wear</b>				

<b>Labor</b>	<b>Correction:</b> Chassis / Chassis / Drained coolant, removed rad, Found top of rad broken, found hood springs were not the same clips, broken coolant clamp, remove fan and shroud, removed fan hub, removed wire and harness bracket, disconnected and removed turbo, removed upper rad hose, removed AC condenser, removed exhaust manifold, removed EGR cooler plate, removed thermostat housing, removed alternator, removed rear head coolant hoses, removed in take manifold, removed common rail, removed wire harness bracket, removed injector feed lines and connector tubes, removed valve cover and internal harness, removed front cover, removed cam gears and cam plates, removed rocker arm assemblies and cam, removed injector, removed lifting lugs, removed front crank pulley and vibration dampener, removed crank case breather and plate, removed wire harness, removed front structure support bolts, removed bolts from rear of head, removed head studs, removed head and gasket, drained oil then removed pan and suction tube, removed stiffener plate, pulled pistons, stripped head and measured valve protrusion, cleaned deck and removed carbon rings, measured cylinder sleeve protrusion counter bores needed to be cut, cut counter bores and added .020 shims, prepared and painted front structure, built and installed pistons, torqued connecting rod caps to OEM spec, inspected and installed piston cooling nozzles, installed lube pump, measured crank end play .015 and oil pump backlash, installed stiffener plate and suction tube, cleaned bottom of block and oil pan, removed main bearing caps, polished main bearings, installed and torqued mains, prepped head for installation, set head in place and torqued to OEM spec, installed stiffener plate, installed suction tube and torqued, installed oil pan and torqued, filled with oil and new filter. Ran unit had some issues with fuel system Customer supplied new cylinder head, over haul kit and new charge air cooler. - Completed: 5/2/2023	34.61538	\$130.00	\$4,500.00
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<b>Parts</b>	<b>Bracket</b>	2.00000	\$83.51	\$167.02
<b>Parts</b>	<b>Plug</b>	1.00000	\$16.54	\$16.54
<b>Parts</b>	<b>Copper Ring</b>	2.00000	\$266.00	\$532.00
			<b>Subtotal</b>	<b>\$5,215.56</b>

**Complaint: Front Structure****Cause: Normal Wear****(Inspection)**

Item	Description	Quantity	Rate	Amount
Labor	<b>Correction:</b> Chassis / Chassis / Removed front cover, all timing gears and front structure, repaired front structure and reinstalled, reinstalled timing gears and retimed engine, installed front cover. all bolts torqued to OEM spec. Customer supplied all gaskets for front structure repair. - Completed: 5/2/2023	5.00000	\$130.00	\$650.00
			<b>Subtotal</b>	<b>\$650.00</b>
	Cut counter bores	1.00	\$500.00	\$500.00
	delete kit	1.00	\$1,500.00	\$1,500.00
<b>Unit: 2834 VIN: 1XPWP4EX7ED218194</b>				<b>Labor</b>
<b>2014 Peterbilt 388</b>				<b>\$5,150.00</b>
<b>Chassis: 923,480 Kilometers</b>				<b>Parts</b>
				<b>\$715.56</b>
				<b>Shop Supplies</b>
				<b>\$25.00</b>
				<b>Pre-Charge Subtotal</b>
				<b>\$5,890.56</b>
				<b>Cut counter bores</b>
				<b>\$500.00</b>
				<b>delete kit</b>
				<b>\$1,500.00</b>
				<b>GST</b>
				<b>(5.0000% of \$7,890.56)</b>
				<b>\$394.53</b>
				<b>Total</b>
				<b>\$8,285.09</b>
				<b>Payments &amp; Credits</b>
				<b>\$0.00</b>
				<b>Balance Due</b>
				<b>\$8,285.09</b>

HPI will warranty work on this unit for one year or 200000kms on the basis that the following conditions are met, from In Service Date.

-All fluids are maintained with Oem approved products.

-All check engine warnings and faults are dealt with immediately and reported to HPI.

-There is no engine abuse fault recorded on ECM, (overheating, high or low rpm conditions, etc).

-Oil samples to be taken after 5000kms and then before every oil change at customer's expense.

-HPI performs all repairs on engine for time of warranty period or done by a licensed Cummins shop, or a company approved by HPI.

-HPI will not be responsible for any premature parts failures due to manufacture defects or improper servicing of parts.

-If a failure occurs it must first be determined that it is not due to any new changes in the after-treatment system. The tune and calibration at the time of engine rebuild and Dyno has been approved by HPI. Any new changes in tune or calibration must be approved for by HPI, this may require getting it checked by a third-party programmer at the customer's expense.

Customer Signature:\_\_\_\_\_

Printed Name:\_\_\_\_\_Date:\_\_\_\_\_



July 15, 2025

**WO-004506**

Unit: 218194

Completed Date:

*scan for scope of work*

Estimated Time: hours

Total Time: 1 hours

Total Parts: \$21,072.08

Total Labour: \$10,431.12

Description: Engine Overhaul invoice # 1459

Type	Description	Quantity	Part Number	Total
Parts	Hex Screw	1	3903112CUM	\$8.79
Parts	Inframe Kit	1	KIF2023/04CR B	\$7,767.50
Hours	Engine Overhaul Invoice # 1459	1		\$10,431.12
Parts	Cylinder Head	1	N4298234VS	\$7,865.00
Parts	Liner Shims 0.020"	6		\$429.00
Parts	Hex Screw	1	3904446CUM	\$12.83
Parts	Hex Screw	3	4985698CUM	\$38.89
Parts	Charge Air Cooler	1	CACS1551TR P	\$1,508.86
Parts	Water Transfer Connection	1	3686409CUM	\$383.84
Parts	Union	2	3101532CUM	\$55.17
Parts	Oil Drain tube	1	3688012CUM	\$83.55
Parts	Mounting Spacer	3	4985512CUM	\$58.85
Parts	Injectors	2	2897320	\$2,880.00