

P37-1
NOV
Page: 1 of 4

DJ Mechanical
Box 2586
Whitecourt, AB T7S 2A1, CA
darcy@djmechanical.net
(780) 779-7088



Invoice: INV-9202
Date: 12/12/2024

RECEIVED

16 DEC 2024

Bill To
Zell Industries
Box 3712
Spruce Groove, AB T7X 3A9, CA

ACCOUNTS PAYABLE

Remit Payment To
DJ Mechanical
Box 2586
Whitecourt, AB T7S 2A1, CA

Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
SO-10053	Net 30	11/1/2025	Les Zeller		Z102

Item	Description	Quantity	Rate	Amount
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Complaint: 4-AXLE TRUCK CVIP

Cause: Customer request

Labor	Correction: Chassis / Chassis / Complete wheels on CVIP inspection inspecting brake shoes with wheels on measuring tools, drive line and engine mounts. Start and run truck inspecting for air leaks. Check diffs for low oil to confirm if driveshaft seals are leaking. No oil leaks found on diffs. - Created: 29/11/2024 Completed: 12/12/2024 - Assigned tech(s): Korbyn Droesse	1.00000	\$425.00	\$425.00
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Subtotal \$425.00

Complaint: Inspect unit and go through repairs

Cause: Customer request

Labor	Correction: Chassis / Chassis / Inspect unit and write a list for customer approval of repairs. LD - Created: 31/10/2024 Completed: 12/12/2024 - Assigned tech(s): Keith Ginther, Korbyn Droesse	0.00000		\$0.00
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Parts	DIESEL FUEL	100.00000	\$1.65	\$165.00
Subtotal				\$165.00

Complaint: Repair broken guages
- speedo guage all over the place
- amp meter dnw
- battery guage inaccurate reads 16V (at 14.2V)
- boost guage dnw
- fuel guage dnw

Cause: Customer request

(Inspection)

Item	Description	Quantity	Rate	Amount
Labor	Correction: Electrical System / Wiring / Repair broken guages Removed front cover, all guages are plugged in and wires look good, inspected grounds on firewall visually all are tight and no signs of corrosion or broken connections Fuel sending unit getting 10V have 184 ohms at sensor Fuel guage getting 12V supply and 8.4V on signal, moved fuel sending unit up and down and no change Suspect issue with fuel guage Turbo guage getting 12V supply and had 3.4V on signal, also doesnt read pressure through data monitor, suspect issue at sensor Guage does cycle up and down on key on Inspected sensor wiring getting good 5v signal and supply, resistance tested sensor. - Assigned tech(s): Keith Ginther Got 40,000ohms. Suspect sensor is not reading and will need a replacement Inspected trans output speed sensor getting 2300 ohms, noticed with it unplugged guage is still erratic. With sensor unplugged had my voltmeter in the sensor, had 3.5V started unit and voltages jumped all around from .5v - 3V while guage fluctuating. Even with cat et engine speed is all over the place with sensor unplugged. Suspect a wiring issue Was in process of removing ecm plug to pin out pins 36 and 37 on p1 (rear connector) to trans output sensor to see what resistance is. - Created: 31/10/2024 Completed: 12/12/2024	6.00000	\$135.00	\$810.00
Parts	SPEED SENSOR, 2 PIN PUSH IN (K4148)	1.00000	\$55.1435	\$55.14
Parts	fuel guage	1.00000	\$227.626	\$227.63
Parts	sensor, boost	1.00000	\$496.587	\$496.59
			Subtotal	\$1,589.36

Complaint: Tighten bolts on lights and mirrors

Cause: Customer request

(Inspection)

Labor	Correction: Chassis / Chassis / - Position and tighten back up light bolt. -install new bolts into exhaust bushing as the old bolts had broke off and caused bracket to become lose. -install missing bolt into left side mirror. Installed bigger size bolt as hole was stripped out. - Created: 28/11/2024 Completed: 29/11/2024 - Assigned tech(s): Korbyn Droesse	1.00000	\$135.00	\$135.00
			Subtotal	\$135.00

Complaint: R&R engine fan

Cause: Customer request

(Inspection)

Item	Description	Quantity	Rate	Amount
Labor	Correction: Chassis / Chassis / Remove bolts off fan. Loosen alternator bolts off to remove auxilliary belts off fan hub. Remove bolts and nuts off of fan hub and remove top set bolt. Lower and maneuver fan hub out of the way to get fan blade out.KD Fasten fan hub with new hardware, install fan and fan hub adjustment bolt, install belts and set tension, tighten fan hub and install airline. Tighten fan hardware, tighten alternator bolts. AB - Created: 28/11/2024 Completed: 12/12/2024 - Assigned tech(s): Aidan Burns, Korbyn Droesse	1.25000	\$135.00	\$168.75
Parts	fan blade	1.00000	\$265.93	\$265.93
			Subtotal	\$434.68

Complaint: Troubleshoot for ABS light on

Cause: Customer request

(Inspection)

Labor	Correction: Brakes / ABS System / Hook up to unit and pull codes, found to have open loop on rear axle chase harness for any loose connections/ or broken wire, found to have loose Deutsch plug, replace plug and check codes, one code persists. AB - Created: 28/11/2024 Completed: 29/11/2024 - Assigned tech(s): Aidan Burns	2.00000	\$135.00	\$270.00
Parts	CAT RECEPTACLE CONNECTOR	1.00000	\$54.781	\$54.78
Parts	CAT PLUG-CONNECTOR KIT	1.00000	\$56.985	\$56.99
			Subtotal	\$381.77

Complaint: Replace atmospheric pressure sensor and tach speed sensor.

Cause: Customer request

(Inspection)

Labor	Correction: Chassis / Chassis / Remove and replace output speed sensor on transmission, remove dash to gain access to fuel gauge, remove and replace with new. Test to verify proper function. remove boost pressure sensor in preparation for replacement. AB Install boost sensor, take unit for drive and fill with fuel to confirm fuel reading, repair headache rack lights. - Created: 4/12/2024 Completed: 12/12/2024 - Assigned tech(s): Aidan Burns	2.50000	\$135.00	\$337.50
			Subtotal	\$337.50

Complaint: Repair rear mudflaps

Cause: Customer request

(Inspection)

Labor	Correction: Chassis / Chassis / Remove mudflap and assemble new hangers with new mudflaps, secure with hardware and install on truck, AB - Created: 5/12/2024 Completed: 12/12/2024 - Assigned tech(s): Aidan Burns	0.50000	\$135.00	\$67.50
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Item	Description	Quantity	Rate	Amount
Parts	MUDFLAP, MULTI SIZE HD DJ LOGO	2.00000	\$0.00	\$0.00
Parts	MUD FLAP HANGER, WIDETRACK	2.00000	\$54.491	\$108.98
			Subtotal	\$176.48
	freight	2.00	\$39.00	\$78.00

Unit: Z102 VIN: 5KKPAEAV63PL09999
 2003 Western Star 4900
 Chassis: 710,077 Kilometres

Labor	\$2,213.75
Parts	\$1,431.04
Shop Supplies	\$149.34
Pre-Charge Subtotal	\$3,794.13
freight	\$78.00
GST (5% of \$3,872.13)	\$193.61
Total	\$4,065.74
Payments & Credits	\$0.00
Balance Due	\$4,065.74



Any warranties on the parts and accessories sold hereby are made by the manufacturer. You understand and agree that we make no warranties of any kind unless expressed in writing. You hereby authorize us to perform the repair work herein set forth and to purchase the necessary material and parts to perform such repair work. You agree that we are not responsible for loss or damage to your vehicle or articles left in your vehicle in case of fire, theft, or any other cause beyond our control or for any delays caused by unavailability of parts or delays in part shipments by the supplier or transporter. In addition, you agree that we are not responsible for damages to your vehicle from freezing due to lack of antifreeze. You hereby grant our employees permission to operate your vehicle on streets, highways, or elsewhere for the purpose of testing and/or inspection. You acknowledge and agree that an express mechanic's lien on your vehicle is granted to secure payment of this invoice for the repair work detailed in this invoice.

Customer Signature: _____

Printed Name: _____ Date: _____



Dash Mechanical
Box 6389
Edson, Alberta. T7E 1T8
Phone: 780-723-2119 Fax: 780-723-2151
All your heavy truck and trailer needs

INVOICE**37483**

GST 884677113RT0001

INVOICE

Ref #: Z-102

Printed Date: 07/29/2022

Work Completed: 07/29/2022

ZELL INDUSTRIES INC

2003 Western Star - 4900 Series - Caterpillar C-15 ADEM A3 6 CYL

Lic #: U03058

Odometer In : 689434

Unit #: Z-102

VIN #: 5KKPAEAV6 3PL09999

Engine Hrs In : 33646.0

Engine Hours Out : 33646.0

Part Description	Qty	Sale	Ext	Labor Description	Hours	Ext
Slack Adjuster	2.00	129.40	258.80	CVIP on Tri Drive Tractor		360.00
Hose	1.00	127.80	127.80	Truck Repairs	11.00	1,540.00
Step	1.00	168.17	168.17	Repair tail light wiring		
5th Wheel	1.00	1,789.34	1,789.34	Repair drive axle fenders		
Yoke	1.00	244.60	244.60	Replace D/S low beam headlight		
Rear Engine Mount	2.00	62.22	124.44	Replace hi-beam indicator bulb		
Bushing	2.00	24.18	48.36	Replace one C/S step and repair second step		
Grommet	1.00	2.50	2.50	Replace cracked 5th wheel plate and bushings		
Headlight	1.00	22.57	22.57	Weld axle 3 & 4 D/S s-cam brackets		
Flatbar /ft	2.00	10.00	20.00	Replace leaking valve cover gasket (rear)		
Hardware	1.00	20.00	20.00	- heli-coil 2 threads		
Steering Fluid /L	4.00	8.00	32.00	Replace steering pump and adapter plate gaskets		
1810 U-Joint	1.00	119.43	119.43	Replace axle 3 slack adjusters		
Valve Cover Gasket	2.00	29.70	59.40	Replace rear engine mounts		
Heli-Coil	2.00	10.00	20.00	Replace steady bearing yoke and u-joint		
Indicator Bulb	1.00	22.56	22.56	Replace steering hose to pump		
Gasket	2.00	18.94	37.88			
Shop Supplies			190.00	***Re-torque tires required - tag attached***		

[Payments -]

I hereby authorize the above repair work to be done along with necessary materials. You and your employees may operate above vehicle for purposes of testing, inspection or delivery at my risk. An express mechanic's lien is acknowledged on above vehicle to secure the amount of repairs thereto. We will not be held responsible for loss or damage to vehicle or articles left in vehicle in case of fire, theft, accident or any other cause beyond our control. Vehicle subject to storage fees after 30 Days at a rate of \$25/Day

Please make cheques payable to DASH MECHANICAL (Edson)

Account balance paid by Credit Card subject to 3% charge.

*Invoices payable net 30 days. Service charge of 2% per month. Applicable to overdue accounts.

Vehicle Received: 2022-07-25

Labor:	1,900.00
Parts:	3,307.85
Sub:	5,207.85
Tax:	260.39
Total:	\$5,468.24
Bal Due:	\$5,468.24

Customer Number : 414

Signature _____

Date _____

Email Address: dashmechanical@yahoo.ca



Dash Mechanical
Box 6389
Edson, Alberta. T7E 1T8
Phone: 780-723-2119 Fax: 780-723-2151
All your heavy truck and trailer needs

RECEIVED
JUL 05 2021

INVOICE

35506

GST 884677113RT0001

INVOICE

Date: 06/30/2021

ZELL INDUSTRIES INC

2003 Western Star - 4900 Series - Caterpillar C-15 ADEM A3 6 CYL

Lic #: U03058

Odometer In : 673028

Unit #: Z-102

VIN #: 5KKPAEAV6 3PL09999

Engine Hrs In : 32908.0

Engine Hours Out : 32908.0

Part Description	Qty	Sale	Ext	Labor Description	Hours	Ext
Kingpin Kit	1.00	392.60	392.60	CVIP on Tri Drive Tractor		320.00
Wheel Seal (steer)	2.00	57.71	115.42	Truck Repairs	28.50	3,562.50
Engine Mount Kit	1.00	78.18	78.18	Replace axle 1 king pins and bushings		
Drag Link End	1.00	57.89	57.89	- remove at wheel bearings and replace seals		
Hub Cap Gasket	1.00	2.50	2.50	- replace one drag link end		
Hub Cap	1.00	47.63	47.63	- lance out seized pins and keepers		
Air Tank Bracket	1.00	123.11	123.11	Replace front engine mounts		
Length of Redi-Rod	1.00	10.00	10.00	Replace air tank mount bracket on d/s		
Spring Pin Bushing	1.00	49.21	49.21	Tighten hood hinge bolts		
Yoke	1.00	332.39	332.39	Replace axle 4 c/s spring pin bushing		
Output Seal	1.00	55.09	55.09	Replace axle 2 input and output seal		
Input Seal	2.00	70.23	140.46	- replace u-joints on input of front and middle differentials		
1810 U-joint	1.00	114.18	114.18	Replace input seal and yoke on middle differential		
Axle Stud	2.00	5.15	10.30	Tighten spring hanger bolts		
Wedge	2.00	3.89	7.78	Replace axle 2 c/s axle gasket		
Headlight	1.00	17.48	17.48	Replace axle 4 d/s axle gasket		
Synthetic Gear Oil /L	2.00	15.00	30.00	- replaced 2 studs and wedges		
Dust Plug	3.00	5.00	15.00	Replaced c/s high beam headlight		
9781 Airbag	1.00	166.27	166.27	Shorten push rods on ale 3 & 4 c/s maxi-pots		
Shop Supplies			250.00	Replace missing dust plugs on maxi-pots		
				Tighten loose cross bar under transmission		
				Tighten loose shock bolt on axle 1 d/s		
				Repair d/s step		
				Replace axle 4 c/s airbag		
				Re-install back window		

[Payments -]

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Please make cheques payable to DASH MECHANICAL (Edson)

Account balance paid by Credit Card subject to 3% charge.

*Invoices payable net 30 days. Service charge of 2% per month. Applicable to overdue accounts.
Vehicle Received: 2021-06-18

Signature _____

Date _____

Email Address: dashmechanical@yahoo.ca

Customer Number : 414

Labor:	3,882.50
Parts:	2,015.49
Sub:	5,897.99
Tax:	294.90
Total:	\$6,192.89
Bal Due:	\$6,192.89