

H15-4  
MAY



**Badlands Truck & Trailer Repair**  
1-602 South Railway Drive Northeast  
GST#758470462  
Redcliff, AB T0J 2P0  
(403) 527-7770  
badlandsrepair@outlook.com  
www.facebook.com/BadlandsTruckandTrailerRepair

# Invoice #3116

Created: 12/17/2025  
Invoiced: 12/18/2025  
Payment Term: On Receipt  
Payment Due: 12/18/2025  
Service Writer: Matt Williams

BULLIN CONSTRUCTION CO. LTD  
PO BOX 69  
REDCLIFF, AB T0J 2P0  
Office: (403) 527-8188  
admin@bullinconstruction.ca

2013 Mack CHU CHU600 (#M1)  
VIN: 1M1AN07Y0DM013539  
License Plate: CPR-4544  
Mileage: 768,939 km

**Customer Comments**  
PERFORM WHEELS OFF CVIP AS PER GOVERNMENT REGULATION

**CVI TANDEM AXLE TRUCK WHEELS OFF**  
**Total: \$714.42**

<b>CVIP REPAIRS</b>				
Description	Price	QTY	HRS	Subtotal
Labor: REPLACED TWO DRIVE AXLE AIR BAGS. INSTALLED ONE MUDFLAP. REPAIRED LIGHTS ON UNIT. TESTED ALL REPAIRS.			3	\$405.00
Part: 3/8 COMPRESSION X 1/4 MNPT TEE	\$6.35	1		\$6.35
Part: 24 X 24 MUD FLAP MUD FLAP	\$18.50	1		\$18.50
Part: DRIVE AXLE AIR BAG	\$247.26	2		\$494.52
<b>Shop Supplies (12%): \$48.60 GST (5%): \$48.65</b>				<b>Total: \$1,021.62</b>

Thank you for your business. The work is complete and your payment is due upon pickup of the vehicle. Mechanics liens may be placed on vehicles until repairs are paid for in full. Please contact us promptly if you have any questions about anything we did.  
Credit must be approved by Badlands Truck & Trailer Repair. Outstanding invoices past 30 days will be subject to 10% per month interest until paid in full.  
IF PAYING BY CREDIT CARD ADD 3%  
\*ALL LUG NUTS, IF REMOVED AND RE-INSTALLED, HAVE TO BE RE-TORQUED WITHIN 150KM

Labor .....	\$1,012.50
Parts .....	\$519.37
Subtotal .....	\$1,531.87
Shop Supplies .....	\$121.50
EPA .....	\$0.00
GST .....	\$82.67
<b>Grand Total .....</b>	<b>\$1,736.04</b>
Paid to Date .....	(\$0.00)
<b>REMAINING BALANCE</b>	<b>\$1,736.04</b>

Signature \_\_\_\_\_



**NEIL MACKINNON  
MECHANICAL SERVICES LTD.**

807 - 23rd St. S.W.  
Medicine Hat, AB T1A 8T7

Bus. (403) 526-8332  
Fax (403) 526-8328



BULLIN CONSTRUCTION  
7013 OLD TRANS CAN. HWY 1  
REDCLIFF AB T0J 2P0

BULLIN CONSTRUCTION  
7013 OLD TRANS CAN. HWY 1  
REDCLIFF AB T0J 2P0

HOME: 403-866-6424

BULLI	In-House Charge	12/11/25	1:00PM	WO51714	SM			
11/17/25	12/11/25			2013 MACK				
	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			M	FINAL		63

**CUSTOMER-SAFETY AND CHECK OVER**

- CHECK FOR LOW POWER
- HOOK UP TO COMPUTER TO CHECK FOR CODES NONE RELATED TO POWER LOSS
- CHECK ALL WIRING TO VGT ACTUATOR
- REMOVE BOOST SENSOR AND FOUND IT WAS BROKEN. HAD TO USE PICKS TO REMOVE PIECES FROM INTAKE MANIFOLD
- REMOVE EGR CROSS OVER TUBE TO VERIFY EGR VALVE IS CLOSED
- OPEN SAFETY PAPERWORK
- DO COMPLETE VISUAL INSPECTION OF TRUCK
- REMOVE ALL TIRES FOR BRAKE MEASUREMENT
- AXLE 2 RHS DRUM FAILED REPLACE SHOES AND DRUM
- AXLE 1 RHS BRAKE FAILED
- REASSEMBLE AT CUSTOMERS REQUEST THEY WILL DO REPAIRS
- R & R BOOST SENSOR

REASSEMBLED AT CUSTOMERS REQUEST AS IS.

11.50	HOURLY RATE		140.00	1610.00
	Shop Supplies			200.00
	FREIGHT			30.00
	FRI ABP/MK4709E2-23PREMA	SHOE SET	148.09	148.09
1	FRI ABP/MK4709E2-23PREMA/CORE	CORE	55.20	55.20
1	FRI ABP/MK4709E2-23PREM/CORE	CORE CR	55.20	-55.20
-1	NM ABP/N42A1657VB	DRUM, BRK	189.60	189.60
1	MIS COMPUTER SCAN	COMPUTER OFFICE	140.00	140.00
1	MAC 201M/22422785	SENSOR	132.07	132.07

A FINANCE CHARGE WILL BE CHARGED AT A RATE OF 2% PER MONTH (24% ANNUALLY) ON ALL AMOUNTS NOT PAID WITHIN 30 DAYS OF INVOICE DATE.

RECEIPTS MUST ACCOMPANY ALL RETURNS AND CLAIMS.  
20% RESTOCKING CHARGE WITHIN 30 DAYS. NO RETURNS AFTER 30 DAYS.  
NO RETURNS ON ELECTRICAL PARTS OR SPECIAL ORDER PARTS.  
FREIGHT CHARGE WILL BE ADDED TO ALL DAILY ORDERS.

SIGNATURE \_\_\_\_\_

INVOICE NO. WO51714-01



LABOR	1610.00
PARTS	609.76
FREIGHT	30.00
MILEAGE	0.00
OTHER	0.00
SHOP SUPPLIES	200.00
TOTAL CHARGES	2449.76
R103848321 GST	122.49
<b>TOTAL</b>	<b>2572.25</b>

\*\* CUSTOMER COPY \*\* \* \* **THANK YOU FOR YOUR BUSINESS** \* \*



# SUMMIT MOTORS LTD.

TABER BROOKS MEDICINE HAT

4801 46 Ave  
Taber, AB T1G 2A4  
(403) 223-3563

Box 1630, 140-15 Ave E  
Brooks, AB T1R 1C4  
(403) 501-5687

2050 South Hwy. Dr. SE  
Redcliff, AB T0J 2P0  
(403) 548-6444

Invoice:	<b>02W8602</b>
Date / Hour:	7/31/2025 7:37:06AM
Repair Order:	8602
Customer:	44075
Branch:	Med Hat
Total Invoice:	\$9,417.96
	***Charge***
	Page 1

**Bill To:** BULLIN CONSTRUCTION CO..  
PO BOX 69  
REDCLIFF, AB T0J 2P0

**Ship To:** BULLIN CONSTRUCTION CO..  
PO BOX 69  
REDCLIFF, AB T0J 2P0  
Office Phone: 403-527-8188  
Email: admin@bullinconstruction.ca

Work: 403-527-8188

Fax: 403-527-8131

Customer P/O: DAVE

Open Date: 04/01/2025

Completion Date: 05/16/2025

Add User: joet

Salesperson:

**Unit Number: DM013539**

**Model Year: 2013**

**Make/Model: MACK CONVENTIONAL**

**Type: TRACTOR**

**VIN: 1M1AN07Y0DM013539**

**Meter: 767180 Kilometers**

**ECM Reading: 1792**

**Task: 1 12 ENGINES**

**Department: Service**

**Complaint:** REPAIR WHEN PULLING AND THE BOOST GETS TO 20 PSI SEEMS LIKE THE TURBO STOPS PRODUCING AND THE ENGINE LAGS

**Correction:** 4/10/2025 3:27:20 PM 246 look in to ABS / ATC lights on, found faults for steering angle sensor, found it was reading very far out from where it should be, run SAS cal. and the faults went away, clear faults, still have codes in the cluster for DEF level update rate (unit deleted, but sensor is plugged in) also a fault for susp. pressure sensor, found the sensor is broken and has a scubbed / corroded wire (not fixing for now) pressure test CAC / piping, and did have a leak at CAC adapter flange, replaced o-ring and re-checked, good now. information that the ATC light can de-rate power on Mack, sending for test drive to re-check for low power went along for a test drive to monitor, still seems low on power, and can see the engine torque mode going in to "torque limiting went along for a drive to monitor engine on test drive with ACM / collant level sensor unplugged (does not throw a fault) still no better, checked coolant level sensor responce, reading properly, can get it to read 0% using a magnet, did a learned data reset, went for another drive / monitored, also tried dyno mode in the ABS to prevent that side of things from limiting torque , still no difference, engine control mode still goes to torque limiting under load went along to monitor another test drive after unit has been re-tuned, making better boost now, peaked at 28 psi, and makes 25psi regularly / builds boost faster, hook exh. back up / install heat sheild, then went for another drive to verify it was still making the same boost

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
	FLTEC50VBS	QUICK LATCH DESIGN V-INSERT CL	EA	1.0	\$27.01	\$27.01
	Part	O-RING		2.0	\$1.43	\$2.86
	Part	REPROGRAM ECM TO FACTORY		1.0	\$349.95	\$349.95
	Part	OFF ROAD PROGRAM		1.0	\$2,966.40	\$2,966.40
	Shop Sup	Shop Supplies		1.0	\$75.00	\$75.00
<b>Task 1 Subtotals</b>					Parts:	\$27.01
					Labor:	\$1,221.80
					Miscellaneous:	\$3,394.21
					<b>Task 1 Subtotals</b>	<b>\$4,643.02</b>

**Task: 2 07 EXHAUST REPAIRS**

**Department: Service**

**Complaint:** REPAIR CRACKED EXHAUST MANIFOLD ( BY TURBO MOUNT )

**Correction:** - Removed turbo and exhaust manifold  
- installed new manifold and torued to 38 foot pounds  
- continued re installing components. got turbo hung but not tight yet - Sent unit for road test and still had a squeel  
- tested outside and found two exhaust clamps loose, removed 3 pieces of exhaust to disassemble and find new gaskets and clamps for  
- Dissassembled exhaust bellows and found new gaskets and one new clamp  
- Re insalled into truck with new gaskets and tested operation  
- No more sound heard from exhaust and no leaks from repairs  
- Parked unit

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
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\*\* See Last Page for Invoice Total \*\*



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(403) 501-5687

2050 South Hwy. Dr. SE  
Redcliff, AB T0J 2P0  
(403) 548-6444

Invoice: **02W8602**  
Date / Hour: 7/31/2025 7:37:06AM  
Repair Order: 8602  
Customer: 44075  
Branch: Med Hat  
Total Invoice: \$9,417.96  
\*\*\*Charge\*\*\*

Page 2

**Bill To:** BULLIN CONSTRUCTION CO.,  
PO BOX 69  
REDCLIFF, AB T0J 2P0

**Ship To:** BULLIN CONSTRUCTION CO.,  
PO BOX 69  
REDCLIFF, AB T0J 2P0  
Office Phone: 403-527-8188  
Email: admin@bullinconstruction.ca

Work: 403-527-8188

Fax: 403-527-8131

Customer P/O: DAVE

Open Date: 04/01/2025

Completion Date: 05/16/2025

Add User: joet

Salesperson:

Item	Description	EA	1.0	\$22.65	\$22.65
2866337	GASKET,AFM DEVICE	EA	1.0	\$24.09	\$24.09
2866636	GASKET,AFM DEVICE INLET	EA	1.0	\$32.22	\$32.22
FLTEC400TST	GENERAL PURPOSE DESIGN V-INSER	EA	1.0	\$0.11	\$0.66
ZBJ836021	TIE WRAP 11 3/4" BLK	EA	6.0	\$78.00	\$78.00
Freight	Freight		1.0	\$2,137.93	\$2,137.93
Part	21469805-701 - EXHAUST MANIFOLD		6.0	\$44.58	\$267.48
Part	2855371-701 - MANIFOLD GASKET		12.0	\$32.92	\$395.04
Part	21344787-701 - MANIFOLD BOLT		1.0	\$101.40	\$101.40
Part	85137676-701 - TURBO INSTALL KIT		1.0	\$75.00	\$75.00
Shop Sup	Shop Supplies				

Task 2 Subtotals

Parts: \$79.62

Labor: \$1,192.00

Miscellaneous: \$3,054.85

Task 2 Subtotals \$4,326.47

GST/HST Number: 136235181

Detail Tax Info:

GST	\$448.47
Sales Tax	\$0.00
<b>Total:</b>	<b>\$448.47</b>

<b>Total Parts:</b>	<b>\$106.63</b>
<b>Total Labor:</b>	<b>\$2,413.80</b>
<b>Total Miscellaneous:</b>	<b>\$6,449.06</b>
<b>Invoice Subtotal:</b>	<b>\$8,969.49</b>
<b>Total Tax:</b>	<b>\$448.47</b>
<b>Total Invoice:</b>	<b>\$9,417.96</b>

Payment Method

Terms

Due Date

\*\*\*Charge\*\*\*

Net 30

8/30/2025

Remit To

Summit Motors Ltd.  
4801 46th Avenue

Taber, AB T1G 2A4



# SUMMIT MOTORS LTD.

TABER BROOKS MEDICINE HAT

4801 46 Ave  
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Brooks, AB T1R 1C4  
(403)501-5687

2050 South Hwy. Dr. SE  
Redcliff, AB T0J 2P0  
(403)548-6444

Invoice: **02W7929**  
Date / Hour: 3/31/2025 6:12:46PM  
Repair Order: 7929  
Customer: 44075

Branch: Med Hat  
Total Invoice: \$9,307.47  
\*\*\*Charge\*\*\*

Page 1 of 2

**Bill To:** BULLIN CONSTRUCTION CO..  
PO BOX 69  
REDCLIFF, AB T0J 2P0

**Ship To:** BULLIN CONSTRUCTION CO..  
PO BOX 69  
REDCLIFF, AB T0J 2P0  
Office Phone: 403-527-8188  
Email: admin@bullinconstruction.ca

Work: 403-527-8188

Fax: 403-527-8131

Customer P/O: DAVE

Open Date: 11/01/2024

Completion Date: 03/19/2025

Add User: joet

Salesperson:

**Unit Number: DM013539**

**Model Year: 2013**

**Make/Model: MACK CONVENTIONAL**

**Type: TRACTOR**

**VIN: 1M1AN07Y0DM013539**

**Meter: 766682 Kilometers**

**Task: 1 12 ENGINES**

**Department: Service**

**Complaint:** CHECK AND ADVISE ON LOW POWER

**Correction:** batteries were dead, had to put charger on to hook up, and print off codes, has active trans communication fault, logged turbo actuator communication faults (inactive / may be from low voltage) turbo actuator test looked good / could hear it move, cyl cutout sounded good, no signs of intake / exh. leaks or restriction  
11/13/2024 12:06:08 PM 246 load test batteries, they all failed pretty badly, replace batteries, hook up and go along on test drive to monitor performance, boost is low, not even making 15 psi remove VGT actuator / check travel with gauge, good / moves smoothly, re-install, also checked to make sure DPF can is hollow (deleted) tried to see if SCR can is, but can't due to design, no signs of it being cut in to, going to drive with it unhooked to see if there is a difference. now have an VGT actuator cal. fault, must be an install procedure, having trouble getting OEM program to work / connect on our Laptop  
hook up has fault 641-7 for turbo actuator mechanical system not responding, unsure if cal. was ever successfully performed after checking movement, have not been able to get the program to do it workin drain coolant, remove turbo / actuato clean gasket surfaces / piping, turbo did not come with all needed seals, also have a cracked turbo inlet boot, waiting on parts continue with installing new turbo and actuator, waiting on new intake boot, and need actuator cal. to be performed (our software does not have this function)  
got actuator calibration / install procedure done, finish with re-assembly, fill / yop up coolant, run engine a few min, no more CEL, clean up tools, sending for road test

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
	FLTBTGA31SG-C	CORE	EA	-3.0	\$32.63	\$(97.89)
	H1430111N-C	TURBO HE431 -Core	DM	-1.0	\$1,560.00	\$(1,560.00)
	FLTBTGA31SG	BAT, GRP 31S 925CCA 180RC, GLD	EA	3.0	\$119.00	\$357.00
	FLTBTGA31SG-C	CORE	EA	3.0	\$32.63	\$97.89
	FLTNFELC5050GCDDT2	FLEETRITE ELC NF 6 1 GAL CONTA	DM	1.0	\$12.56	\$12.56
	H1430111N	TURBO HE431	DM	1.0	\$3,243.50	\$3,243.50
	H1430111N-C	TURBO HE431 -Core	DM	1.0	\$1,560.00	\$1,560.00
	H4034114	ACTUATOR	EA	1.0	\$2,073.50	\$2,073.50
	ZBJ836029	TIE HVY DTY 15 1/4" 100PER BAG	EA	6.0	\$0.20	\$1.20
	Freight	Freight		1.0	\$50.00	\$50.00
	Part	85137676HAW - TURBO INSTALL KIT		1.0	\$268.25	\$268.25
	Part	21659720 - INLET HOSE, TURBO		1.0	\$113.37	\$113.37
	Part	TURBO DIAGNOSTIC/CALIBRATIONS		1.0	\$881.88	\$881.88
	Shop Sup	Shop Supplies		1.0	\$75.00	\$75.00

GST/HST Number: 136235181

\*\* See Last Page for Invoice Total \*\*



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Invoice: **02W7929**  
Date / Hour: 3/31/2025 6:12:46PM  
Repair Order: 7929  
Customer: 44075  
Branch: Med Hat  
Total Invoice: \$9,307.47  
\*\*\*Charge\*\*\*  
Page 2 of 2

**Bill To:** BULLIN CONSTRUCTION CO..  
PO BOX 69  
REDCLIFF, AB T0J 2P0

**Ship To:** BULLIN CONSTRUCTION CO..  
PO BOX 69  
REDCLIFF, AB T0J 2P0  
Office Phone: 403-527-8188  
Email: admin@bullinconstruction.ca

Work: 403-527-8188

Fax: 403-527-8131

Customer P/O: DAVE

Open Date: 11/01/2024

Completion Date: 03/19/2025

Add User: joet

Salesperson:

**Detail Tax Info:**

GST	\$443.21
Sales Tax	\$0.00
Total:	\$443.21

<b>Total Parts:</b>	<b>\$5,687.76</b>
<b>Total Core Charge:</b>	<b>\$1,657.89</b>
<b>Total Core Ret:</b>	<b>\$(1,657.89)</b>
<b>Total Labor:</b>	<b>\$1,788.00</b>
<b>Total Miscellaneous:</b>	<b>\$1,388.50</b>
<b>Invoice Subtotal:</b>	<b>\$8,864.26</b>
<b>Total Tax:</b>	<b>\$443.21</b>
<b>Total Invoice:</b>	<b>\$9,307.47</b>

<u>Payment Method</u>	<u>Terms</u>	<u>Due Date</u>
***Charge***	Net 30	4/30/2025

**Remit To**

Summit Motors Ltd.  
4801 46th Avenue  
  
Taber, AB T1G 2A4

The personal information received from individuals relating to this transaction is collected in accordance with the Dealer's privacy policy. Its collection, use, and disclosure is necessary for the purpose of the repair, testing, service, or other dealing with the Customers vehicle, for the use of any loner vehicle. If applicable, and for providing information about other current and future products and services of the dealer, the manufacturer of new vehicles for which the dealer is franchised, and any applicable leasing or financing entity. The individual signing this agreement consents to such collection, use, and disclosure. If the individual does not consent or wishes to withdraw such consent, or the individual wants a copy of the Dealer's privacy policy, the individual must contact the Dealer's privacy officer.

**\*\*PLEASE NOTE DELETED ENGINES DO NOT QUALIFY FOR ANY WARRANTIES\*\***

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