

Switchback Mechanical LTD.
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GST/HST Registration No.:
777730268 RT0001

Invoice 1139



Paid
Unit 500

BILL TO
Randy Batke
R Batke Oilfield
East 3908 47 ave
bonnyville Ab T9N 1J9

DATE
28/09/2022

PLEASE PAY
CAD 20,895.49

DUE DATE
28/10/2022

DATE		DESCRIPTION	TAX	QTY	RATE	AMOUNT
12/09/2022		Hoses for blade/ cframe	GST		2,581.50	2,581.50
12/09/2022	Tech labor	1 tech @ 6.5 hrs	GST	6.50	110.2507692	716.63
13/09/2022	Tech labor	1 Tech @ 6 hrs	GST	6	110.25	661.50
14/09/2022	Tech labor	1 Tech 8.5 hrs	GST	8.50	110.2505882	937.13
20/09/2022	Tech labor	1 Tech @ 4 hrs	GST	5	110.25	551.25
21/09/2022	Tech labor	1 tech @ 5 hrs	GST	5	110.25	551.25
26/09/2022		m12 thread repair inserts	GST		110.55	110.55
28/09/2022		Hoses for machine side	GST		1,455.51	1,455.51
28/09/2022		Parts for D6N pt 2	GST		1,903.12	1,903.12
28/09/2022	Tech labor	1 Tech @ 7 hrs	GST	7	110.25	771.75
04/10/2022	Tech labor	1 Tech @ 5 hrs	GST	5	110.25	551.25
05/10/2022	Tech labor	1 tech @ 6 hrs	GST	6	110.25	661.50
06/10/2022	Miscellaneous	Truck supplies	GST	5	52.50	262.50
06/10/2022	Travel to site	Travel to site	GST	5	78.75	393.75
06/10/2022		Rad cleaning,testing and inspection	GST		762.30	762.30
07/10/2022		D6N parts pt3	GST		8,024.00	8,024.00

We appreciate your business. Should you have any questions regarding your invoice, please feel free to email or call 780-233-1466

GST @ 5%
TOTAL

995.05
20,895.49

discount given on travel days and truck supplies

TOTAL DUE

CAD 20,895.49

THANK YOU.

Invoices are Net 30, 10% interest will be charged on overdue invoices
Payment Options: E-transfer or cheque
Send interac e-transfers to switchbackmech@outlook.com

SWITCHBACK MECH SERVICE REPORT



DATE: 10/06/22 TECHNICIAN: Jon N Customer: R Batke oilfield UNIT: D6N

CUSTOMER COMPLAINT/REQUEST

Minor overhaul/ general repairs

CORRECTION/ACTION TAKEN

9/12/22- remove rad from hard nose and prepped it for going to the rad shop for testing and cleaning

Disconnects on engine.

9/13/22 set up torque to pull engine, removed necessary brackets and lines restricting the engine from coming out. Removed engine from unit set up on blocking. Removed headliner to inspect the door latch problem on the LH door. Parts ordered

9/14/22- Removed frame bushings for the c frame mounting, ended up cutting them out. Went through and ensure all grease galleries were unclogged of dirt took grease changed grease nipples as needed. Extracted broken bolts for cylinder guards. Drained diff and transmission, drained finals and pulled axles to set up finals and inspect seals. Drained hyd fluid. Set up hardnose and the sweeps for the welder to repair.

9/20/22 hauled cframe and track frames to the machine shops, removed the rest of the sweeps from the unit. Installed hard lines supplied by customer.

9/21/22 r and r bushings and seals from the Ebar, installed new frame bushings for the ebar, installed ebar in the machine with proper shims, greased center pin. Installed new grease nipples.

9/28/22 replaced both side axles seals following cat procedure and torque specs. Repaired all broken bolts on sweep 8 total, had to helicoil holes as we had to drill the bolts out. Started engine parts swap. Pu parts from fining and brought hoses to bosch hydraulics.

10/4/22 swapped Engine parts. Waiting on a starter and alternator and wiring harness. Extracted hard nose broken bolts x2 C/o bushings in all the cylinders. Steam cleaned headliner. Installed hoses on the machine side.

10/5/22 swapped engine mounts over and put old engine in the stand, finished engine parts swap as much as I could. Installed bell housing adapter and studs. changed out trans suction line and hyd suction line

R batke D6N parts list 2&3

132-2156 alternator qty 1

3t-4688 ring qty 1

9g-4344 ring qty 1

207-1519 starter qty 1

188-8954 fan qty 1

129-3737 striker qty1

167-1452 door glass RH qty 1

167-1454 door glass LH qty 1

5P 9806 oring qty 1

3G-8932 qty 2 pins (lift)

106-8187 qty 1 diff drain plug

460-4832 qty 2 seals, axle

194-6478 qty2 hose, suction

8T-4984 QTY 8 clamps

220-0907 qty1 hose

8T-6703 qty 2 clamp

106-1642 qty4 master bolt, tracks

107-0719 qty 4 master bolt, tracks

4y-4905 qty 8 shim

7X-2576 qty 24 bolt, pivot bar

1268928 qty 24 washer, pivot bar