

**Full Tilt Heavy Equipment Repair Ltd.**

Barhead AB  
 7802820224  
 Jared@fulltiltequipment.com  
 GST/HST Registration No.: 72449 1022RT0001

*E16-2  
MAY*



**INVOICE**

BILL TO  
 Martushev Logging Ltd  
 10458 Mayfield Rd NW  
 Edmonton AB T5P4P4

INVOICE 1043  
 DATE 15/11/2025  
 TERMS Net 15  
 DUE DATE 30/11/2025

| DATE       | ACTIVITY       | DESCRIPTION   | QTY | RATE   | AMOUNT   |
|------------|----------------|---|-----|--------|----------|
| 01/11/2025 | Mobile Service | 872G Grader- buff moldboard, install sandvik boards. Knock out old sandvik teeth and install new ones. Double nut sandvik boards. tt14- check unit wont start, unit requires boost everyday. Check and found battery voltage very low, removed and replaced batteries. Hold downs were seized and had to build new ones. Installed new batteries and unit was still cranking slowly, Checked voltage drop when cranking and dropped from 12V to 2.5V. Starter internally shorted. Removed and installed a new starter. Confirmed unit charging. Tested start up multiple times. | 6   | 105.00 | 630.00   |
| 02/11/2025 | Mobile Service | Md15- service unit, change engine oil, fuel filters. Install new ccv filter. Straighten rod guard for angle cylinder. Remove old bent gps bracket Me30- install mirror Mrt04- service unit, change engine oil, air filter, fuel filters. Remove dash panel and remove 2 way, Remove fire extinguisher straighten striker and install new latch.   | 11  | 105.00 | 1,155.00 |

Me24- service, change engine oil, fuel filters. pull 2 way and fire extinguisher. Noted oil dipstick tube broken.  
 872G grader- repair broken off front fenders.  
 Mount 2 way radio and mic in unit.  
 Mdt27- pull power steering pump off blown engine in shop to install on unit.

|            |                |   |       |        |          |
|------------|----------------|---|-------|--------|----------|
| 03/11/2025 | Mobile Service | <p>Mtt25- check unit derated, connect to unit and found no faults other then permanent EGR and abuse history faults. Run unit and no codes set. Monitored fuel pressures and all in spec. Test drive unit on site and noted a 5v supply bank1 fault set active and then faults for multiple sensors on the 5V circuit. Followed troubleshooting for 5V sensor supply fault and checked harness to rail pressure sensor, ITV, LPPO sensor, CCV speed sensor, EGR delta sensor. Verified 5V supply at all sensors and good grounds. Schematic shows sensors receive 5V supply from 2 different pins on ecm and don't share the same ground. Run unit and flex harness trying to recreate issue but unable to recreate. Very limited access to Harness connector at ecm. Checked battery cables and chassis harness going to OEM side of ecm and couldn't find any issues. Advised to tow unit to shop for further diag of harness/ecm issue</p> <p>Mrt09- check hood won't open, found hood bent in, pried open latch, straighten hood latch so front access opens and closes. Adjusted striker.</p> <p>Mdt21- check power steering issue. Previously diagnosed as a failed power steering pump. Cracked pressure line while running and very little flow, checked filter and some debris but not plugged. Wrong pump was supplied, get the correct pump, remove and install new pump into unit. Run and bleed pump and still</p> | 15.50 | 105.00 | 1,627.50 |
|------------|----------------|---|-------|--------|----------|

no power steering. Drop drag link and steering box is free. Jack up unit and try to steer, able to slightly steer with weight off. Check booster cylinder for bypass, none present. Capped return from steering gear and ran unit and no increase in pressure. Very little pressure to steering gear, Check pump part number compared to old and it is compatible.

Run with lines off and there is flow present but very little. Removed power steering pump and found pump drive splines stripped enough to allow it to skip. Removed pump drive to replace.

|            |                |   |    |        |          |
|------------|----------------|---|----|--------|----------|
| 04/11/2025 | Mobile Service | <p>Mwt02- check won't build air, got to unit, air tanks fill, drained, no water, ran unit and air built fine. Checked for air leaks with brakes released and none present.</p> <p>Found unit has a methanol injector tied in under tank. Told driver to come to shop at end of day to have it filled.</p> <p>Mdt21- remove pump drive off old engine, take and install pump drive into unit. Install power steering pump. Fill reservoir. Run, bleed system and steering working.</p> <p>Reinstalled drag link, drilled out old cotter pin. Installed drag link clamp, used loctite on bolt.</p> <p>Mld70- swap rear tires</p> <p>Me24- remove and replace oil dipstick tube</p> <p>Install belly pan, tapped bolt holes</p> <p>Mg06- install plugs into control valve, replace hood panel latch.</p> <p>Service unit.</p> <p>Boost unit to get running, pin up tilt cylinder and test blade functions. All working.</p> <p>Unit wouldn't stay running without a boost, batteries at 1v each. Need to replace batteries.</p> <p>Check air leak, loose hose.</p> <p>Mc20- pull 2 way</p> <p>Md28- pull 2 way</p> | 13 | 105.00 | 1,365.00 |
|------------|----------------|---|----|--------|----------|

05/11/2025

Mobile Service

Mdl21- check oil leak, found cracked oil filter, oil filter was seized to housing, couldn't break with a filter wrench, limited access to use larger chain wrench, pounded pin bars through and got filter off. Drained and filled with fresh oil. Ensured drain plug tight. Reinstall belly pan and wipe up leak best I could.

14.50

105.00

1,522.50

Run and confirm level ok.

K-Line 250G #5644- check won't start, batteries at 6/8V. Found positive cable loose. Removed and replaced batteries. Was able to get cable end to tighten up. Confirm charging 28V. Reinstall hold downs and covers.

Mb06- check hydraulic leak, ran unit and noted oil leaking from middle return filter housing. Washed off and looked to be leaking from between sections, removed and split, gasket was okay. Found side plug loose on housing where a restriction switch could be installed. Removed and reinstalled with some sealant. Checked all other housings and found the same plugs loose, had to drop them all out for access to plug. Need to replace 2 middle filters as they were removed to split housing and crushed canister a bit on removal.

Tt02- check leak under tower, ran unit and found multiple fittings loose, pipe thread out of tower into fittings did not have thread tape. Removed hoses and used spills trays to contain oil. Removed fittings, wrapped with thread tape and reinstalled. Tightened all hoses. Ran unit and watched while unloading. No leaks.

Tt07- check unit won't shift into high range, found multiple counts of fault 43 fmi 5 for range selector, followed through troubleshooting steps, pulled back tecu connector to load test from tecu to range selector, all 3 wires in circuit passed load test,

pins 28,34,6. Checked voltage drop across and it was .5v. In spec. Checked for shorts to ground, pin to pin shorts and shorts to power. None found  
 Measured internal solenoid resistance and it was in spec. Removed solenoid and while draining air tanks there was substantial water present, possible water damage to solenoid causing internal failure.  
 Found tecu loose in mount and bouncing around.  
 Recommend to replace solenoid before looking at a tecu failure as all wiring passes testing.

|            |                |   |       |        |          |
|------------|----------------|---|-------|--------|----------|
| 06/11/2025 | Mobile Service | <p>Md12- remove final drive planet carrier and inspect, severe bearing failure. Inspect ring gear. Ring gear ok, axle damaged. clean out housing. Remove carrier from another final drive and inspect, planet carrier ok. Install into unit. Install axle from another unit into final drive. Fill oil. Test and working. Check action alarm fault , found alarm unplugged. Plugged in and fault clear<br/>         Md28- install door.<br/>         Hv01-check clutch issue, found won't go into gear. Adjustment at 1/2" but fork 3/8". Adjustment on rod is as short as it will go to take up anymore free play. Internal clutch issue<br/>         Me25- install door and window. Replace door latch.<br/>         Mg06- install new batteries and get unit running. Check and only 24V out of alternator. Alternator is a new reman. Good voltage from batteries to alternator. Removed alternator for warranty<br/>         872G grader- install tires, fronts and 3 of 4 rear. Didn't have enough bolts or washers to install rears fully.</p> | 12    | 105.00 | 1,260.00 |
| 07/11/2025 | Mobile Service | <p>Tt07- remove and replace range solenoid, tie up wiring, check faults and no active faults, cleared faults.</p>   | 13.50 | 105.00 | 1,417.50 |

Briefly test drive unit and unit shifted into high range. Hill start assist fault comes active but no performance effect on shifting. Advised to test drive further and see if issue persists.

Mdl11- check leaking hose, found stick cylinder hoses leaking.

Removed to measure and reinstall

Tt14- check hydraulic leak, found broken fitting at valve for grapple, pipe to jic, found adapter between fitting and hose and hose end was pipe thread. Joined hose directly to valve.

MI03- mark rotary and split to inspect center joint and putter case for grooving and cracks. Internals seem in good shape, no grooves that can be caught with a fingernail and crosshatch still evident on case. Recommend to reseal. Source seal kit part number

Mdl22- check no heat, valves turned off.

Check pin fell out of hard bar for feed wheel. Cut pin back as keeper slot sheared. Used flat bar to make a new keeper and welded keeper to pin as one piece. Weld out broken bolt. Install pin back into harder.

Tt02- check hydraulic leak. Found blown hose on stick, removed hold downs and hose. Built new hose at shop for operator to install.

Mld74- change flat rear tire, torqued tire. Advised driver to have retorque

Me26- check unit won't move, inspect and found final drive came apart, carrier split from hub.

Tt14- check hydraulic leak at grapple, found broken fitting for rotate. Removed broken fitting and order a new one. Operator installed. Need to build a taller guard to protect fittings on valve for grapple.

08/11/2025

Mobile Service

Me11- pull final drive off unit, unit was inoperable, had welder lance pin to split track, removed hoses and capped. Jacked up machine to remove final drive. Unbolted and

13

105.00

1,365.00

swung out complete assembly.  
Removed final cover and cleaned surfaces, installed planet carrier, thrust washer, sealed cover with flange sealant. Torqued cover bolts to spec.

Md14- install belly pans.

Tt14- check seat broke off, bracket broke and is previously welded, needs to be rebuilt. Sent truck to shop

Me26- diagnose no crank no start, check batteries, no loose cables and good voltage. Check signal to starter, no signal. Jump signal circuit and unit started. Trace wiring and no visual breaks. Check signal at starter relay in PDC. Good signal to relay. Found connector was loose on relay. Reattached and unit started.

remove track from machine as a complete track, due to final drive failure track was partially off.

Remove travel motor and spindle of final drive from track frame. Bolts were seized and 2 broke off in track frame making removal of assembly difficult as it wouldn't drop down and out.

Cleaned track frame and installed final drive assembly from another unit. Replaced o rings on hoses.

Remove carrier rollers and attempt to install track as a complete track.

Unable to get it over. Flip track off and split track on the ground.

Master pin was welded. Cut out, wrapped track. Order new master pin.

09/11/2025

Mobile Service

Me26- fill final drive with oil.  
clean up master link pin bore. Install pin, link was spread, heat and realign so track could be installed. Prep surface and weld pin. Install carrier rollers. Torqued as per spec. Tightened track.  
Install track pads.

Mdl11- change stick cylinder hoses.  
MI06- check hydraulics inop, found when engaging pilots, head would

12

105.00

1,260.00

start turning, checked wiring in joystick, disconnect rotate button output wire and it stops and hydraulics turn on. Order a new switch

Md20- check slow cranking, check into complaint of fan spinning while cranking, check pressure and only 400 psi to fan. Follow path of oil and inspect control valve. While wiggling wires fan epc open fault set active, pulled back harness and repaired broken wires. No change.

Disconnected pressure line from fan motor and little flow to fan. Issue isn't fan related.

Monitor hydrostat pressures and found RF pump pressure at 4500 psi while cranking. Inspect epc wiring to pumps and no visual issues. Likely servo or epc. Need to confirm no components will dislodge when servo removed to swap side to side  
Mdt17- assist pull calipers and hood

10/11/2025

Mobile Service

Md10- start reassemble of engine. Clean cylinder head thoroughly, considerable contamination, removed all plugs and blew out all galleries. Cleaned surfaces. Used bore brush to clean injector bores. Clean cylinder block deck and liner bores. Install remaining 2 cylinder liners.  
Install remaining main bearings. Cleaned all components, torqued caps as per procedure.  
Removed brackets and hoses for access to remove ECM to allow plug to be removed for timing pin. Clean cam bearings.  
Install new cam shaft and retainer, torqued as per procedure.  
Timing marks did not line up with engine pinned TDC, fuel pump was out of time, adjusted fuel pump timing.  
Install cam cover.  
Clean lifters and install lifters with new retainers.  
Start cleaning and assembling connecting rods, upon assembly

11.50

105.00

1,207.50

|            |                |  |       |        |          |
|------------|----------------|--|-------|--------|----------|
|            |                | found wrist pin did not fit piston.<br>Cylinder packs came as a kit. Tried multiple kits and none fit.   |       |        |          |
| 11/11/2025 | Mobile Service | <p>Md10- start assemble cylinder head, clean components to install, install exhaust manifold and turbo, torque as per procedure. Install thermostat. install intake manifold, egr piping and brackets. Install all injector and fuel tubes. Cleaned and replaced injector and fuel tube seals. Attempt to assemble pistons with another set of piston bodies. Unable to assemble wrist pin to piston by hand. Recommend to send to machine shop for sizing.</p> <p>Ml03- install grapple rotary manifold. Replaced all o rings on all fittings before install. Route hoses and lift rotary into place. Chase bolt holes, clean bolts and install with loctite. Clock rotary and install lock plate. Hook up all hoses. Install valve. Fill hydraulics and test. No leaks. Install guards. Check coolant leak, pressure test and found split hose, pull vacuum on coolant system, cut back and reinstall hose.</p> <p>Rental mini excavator - tighten track</p> <p>Ms06- check hydraulic leak. Found loose hydraulic filter after running unit. Tightened up, need to replace filters and housing crushed trying to tighten.</p> <p>Mg10- check fuel leak, remove harness for access. Found fuel line rubbed on egr mount spacer.</p> | 15.50 | 105.00 | 1,627.50 |
| 12/11/2025 | Mobile Service | <p>Md10- as per Joe, reuse old pistons , disassemble all rods and pistons, clean pistons, took considerable time to remove carbon packing from ring landings to allow new rings to seat into piston body. Lube and assemble rods/pistons</p> <p>Polish crank journals and install pistons/rods as per procedure and torque to spec.</p> <p>Clean block and prep for oil pan and pump.</p>  | 10.50 | 105.00 | 1,102.50 |

|            |                |  |    |        |          |
|------------|----------------|--|----|--------|----------|
|            |                | <p>Install new oil pump, pan and pickup tube</p> <p>Clean deck for cylinder head install, blow out and chase bolt holes.</p> <p>Attempt to swing cylinder head, debris fell underneath during install and pinched gasket. Removed head and inspected, gasket not fit for reuse.</p> <p>JLG scissor lift- clear tent shop out and remove scissor lift from tent with fork lift</p>  |    |        |          |
| 13/11/2025 | Mobile Service | <p>Md10- clean block and cylinder head, install cylinder head. Torque as per spec and procedure.</p> <p>Install push rods, rocker arms, torque as per spec. perform valve set as per procedure.</p> <p>Bar over engine multiple times to ensure no issues with base timing.</p> <p>Install injector harness and new valve cover</p> <p>Reinstall ecm and removed components taken off for access to timing plug.</p> <p>Install fuel lines and hoses, install removed brackets and piping.</p> <p>Install fuel filter housings and hook up lines.</p> <p>Installed front end brackets and accessories.</p> <p>Route AC lines and connect</p> <p>Install oil dipstick and fill tube.</p> <p>Prep charge air piping and coolant piping for install</p> | 12 | 105.00 | 1,260.00 |
| 14/11/2025 | Mobile Service | <p>md10- cut gaskets as required for coolant piping, install coolant piping and charge air piping.</p> <p>Install components onto hard nose and install hard nose. Hook up all hydraulic, coolant and electrical.</p> <p>Fill coolant system, secure harnesses and hoses.</p> <p>Replaced batteries</p> <p>Install hoods and panels.</p> <p>Replace filters and prime unit. Bleed air and fire unit up. Check for leaks and no leaks.</p> <p>Found multiple tractor side faults active, found engine to tractor side</p>   | 15 | 105.00 | 1,575.00 |

harness connector pulled apart when locking screw was tightened, repined and installed connector faceplate and codes went inactive. Install right hand side planetary carrier into final drive and fill with oil. Torque stall unit and no issues. Install c frame and hook up blade cylinders and hoses  
Install belly pans

|            |                |  |   |        |        |
|------------|----------------|--|---|--------|--------|
| 15/11/2025 | Mobile Service | Md10- install window<br>Me11- install coolant hoses and piping,<br>Determine proper routing of fuel hoses and piping.<br>Install coolant reservoir.<br>Tarp in and thaw main relief valve as it was frozen with water and install main relief valve<br>Replace batteries.<br>Install fan belt<br>Rig up jumpers for main battery fuses to get unit running<br>Prime unit and get started.<br>Repaired loose hydraulic hoses, filled hydraulics<br>Check coolant leak and found reservoir split<br>Check oil leak and found drain valve leaking even though closed, installed a cap onto valve<br>Mg07- sort through parts for unit and make list of remaining repairs to get unit operational. | 9 | 105.00 | 945.00 |
|------------|----------------|--|---|--------|--------|

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|----------|-----------|
| SUBTOTAL | 19,320.00 |
| GST @ 5% | 966.03    |
| TOTAL    | 20,286.03 |

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|             |                    |
|-------------|--------------------|
| BALANCE DUE | <b>\$20,286.03</b> |
|-------------|--------------------|

TAX SUMMARY

|          | RATE | TAX    | NET       |
|----------|------|--------|-----------|
| GST @ 5% |      | 966.03 | 19,320.00 |

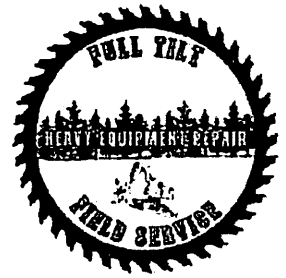
# Full Tilt Heavy Equipment Repair Ltd.

Barrhead AB

7802820224

Jared@fulltiltequipment.com

GST/HST Registration No.: 72449 1022RT0001



## INVOICE

BILL TO  
Martushev Logging  
10458 Mayfield Rd NW  
Edmonton AB T5P4P4

INVOICE 1042  
DATE 01/11/2025  
TERMS Net 15  
DUE DATE 16/11/2025

| DATE       | ACTIVITY       | DESCRIPTION   | QTY   | RATE   | AMOUNT   |
|------------|----------------|---|-------|--------|----------|
| 16/10/2025 | Mobile Service | Mb06- finish guarding up unit, run up to temp and check for leaks. No leaks.<br>Grease unit.<br>Check LS relief, margin pressure, all cycle times. Adjusted grab arm cycle times up to spec.<br>Do online Orientation and drug and alcohol test for Altalink project.   | 5.50  | 105.00 | 577.50   |
| 17/10/2025 | Mobile Service | Md24- check derate, found 1 count def pressure low, check tank for debris and frozen def, no evidence.<br>Run pressure test and check for leaks, no leaks, remove def doser and run pressure test to check doser for leaks, ran override and measured dosed amount and in spec, good spray pattern and no leaks between injection cycle.<br>Remove def pump filter to inspect and found filter to be at end of life, sucked in on itself, replaced filter, ran scr and regen tests, monitor pressure and all in spec, codes didn't come back. Cleared faults.<br>Me24- check won't start, found very weak batteries. Checked all cables and starter connections, all tight.<br>Removed and replaced all 4 batteries. Unit fired up, confirmed charging. | 17.50 | 105.00 | 1,837.50 |

Mdt16- check broken yoke, found split #1 diff output yoke and broken u joint. Removed yoke and u joint. Replaced output seal. Installed sleeve onto new yoke and installed. Replaced u joint in driveline, was provided the wrong strap kit, had to reuse the straps but new bolts were used. Torqued to spec with thread locker. Greased u joint. Checked diff level, filled diff, took almost complete pail indicating diff was ran very low on oil. Not much metal on plug.

TT03- install turbo cut off valve into drier, air up and check for leaks at drier. No leaks, checked trailer as air tank was ripped down, no leaks. Trailer to be taken to shop for welding

Ctt02- check complaint power divider blew, found interaxle drive line between #1 and #2 diff blown, #2 input yoke broke, driveline snapped at yoke.

Found wiring and airlines wrapped around driveline.

18/10/2025

Mobile Service

Mdl11- tighten track

15.50

105.00

1,627.50

Rental winch tractor- check derate, found multiple nox sensor and dpf pressure faults. Stacks very black. Cleared faults and tried a regen, sent unit back to work as codes didn't return.

Mdl25- check saw leaking, found tensioner piston leaking, removed tensioner and replaced o ring with an orb o ring, sealed up for now, reinstall bar and chain. Test and not leaking.

Replace hardbar bushings on knives.

Ms14- service unit, engine oil, missing 2 fuels and 1 water separator filter.

Repair wiring to work lites

Mdl24- check hoses coming loose on head, valve broke 1 front bolt that secures plate to head, back 2 loose, need to order new bolts and bushings. Threads ok.

Unit due for service  
 Mb04- change batteries, check and unit is charging, measure voltage across disconnect with unplugged and turned off, approx .5V across. Disconnect not closing completely. Check hood pump inop, found fuse blown again, jumped and when engaged hood pump smokes, failed hood pump.  
 Ms16- check leaks, found arch and grapple cylinders leaking. 4 cylinders to reseal, will likely require hydraulic shop to break piston nut due to size of cylinder  
 Mg10- check fuel leak, found return line from cylinder head to pump cracked, removed intake and egr components, fuel filters and harness for access to remove.

19/10/2025

Mobile Service

Mg10- install new return fuel line, reinstall removed egr components, secure and install harness, reinstall brackets and hold downs. Install filter housings. Tie up harnesses, prime unit and run. Check for leaks, no leaks.

13

105.00

1,365.00

Unit due for service  
 Ctt02- remove and replace #2 diff input yoke, install wear sleeve into new yoke prior to install. install new driveline, torque strap bolts to spec and used loctite. Grease u joint. Remove and replace airlines and electrical wiring that was wrapped around driveline. Ran unit and checked for leaks, no leaks. Ensured all lights working.  
 Mb04- remove and replace hood pump, blocked up hood and removed hood pump. Transfer fittings and reinstall, fill reservoir. Replace blown mega fuse, test and hood functioning. Remove and replace disconnect relay. Check coolant leak, found pin hole in heater hose, removed and replaced heater hose.  
 Check hydraulic leaks, run up and fitting going into bottom of hydraulic cooler off hardline leaking.

Unit due for service.  
 Heart lakes cmi 300- check hydraulic leak, ran and found leaking under cab, remove cab pins and flip cab, electric pump for cab flip didnt work, found loose fittings on right lift cylinder tee fittings, removed and replaced all o rings, both rod end and barrel end fittings were loose. Fill hydraulics, took 2 pails. Ran and check for leaks, no leaks. Flip cab back and install cab pins.

|            |                |  |    |        |          |
|------------|----------------|--|----|--------|----------|
| 27/10/2025 | Mobile Service | <p>Mdt27- remove seized starter bolts, removed blow by tube for access, used 3/4 impact to break free</p> <p>Mtt41- check faults, and engine light on. Found multiple recent counts for smart switches. Active outlet nox faults. Good power/ground and can hi/lo at sensor. Failed outlet nox sensor. Checked chassis harness and battery connections for smart switch fault, was advised that kenworth programmed switches and faults likely from programming.</p> <p>Md12- assemble removed components, installed valve cover, hoses, fuel lines and coolant lines. Installed after treatment assembly after installing SCR. Installed hoods and panels. Secured harnesses. Ran unit and check for leaks, no leaks.</p> <p>Noted calibration fault and alarm fault. Ecm was just replaced. Installed axles into unit.</p> | 12 | 105.00 | 1,260.00 |
| 28/10/2025 | Mobile Service | <p>Md15- remove hoods, aftertreatment, intake and exhaust piping for access. Found #5 exhaust valve bridge fallen out, valve lash way out. Set valve lash as per spec. Run and ensure bridge doesn't fall out again. Reinstalled removed components. Removed 2 way radio.</p> <p>Md06- remove door to send out to have window replaced</p> <p>360 komatsu- go through and make list of repairs to be made for sale</p> <p>Install front cage</p> <p>Md14- make list of repairs for sale</p>  | 12 | 105.00 | 1,260.00 |

Pull 2 way radio out of unit  
 Diagnose oil leak, drop belly pans  
 and found substantial oil in pans,  
 wipe and spray down underneath,  
 found starter leaking internally,  
 internal bolts backed out.  
 Remove door to have window  
 replaced  
 Md19- make list of repairs for sale  
 Mc15- make list of repairs for sale  
 Me23- make list of repairs for sale  
 Pull windows for replacement  
 Remove front cab bumper to  
 straighten  
 Remove broken track pad  
 Pull 2 way radio

|            |                |  |       |        |          |
|------------|----------------|--|-------|--------|----------|
| 29/10/2025 | Mobile Service | <p>Md14- service unit, change engine<br/>           oil, oil filter, fuel filters, air filters.<br/>           360 komatsu- service unit, engine,<br/>           oil, fuels, air.<br/>           Tighten tracks<br/>           Cut off welded cutting edge of dig<br/>           bucket<br/>           Pull 2 way<br/>           Tigercat 920 dozer- install 2 way<br/>           Me23- install cab bumper<br/>           Drop cutting edge to measure and<br/>           order<br/>           Install track pad<br/>           Mc15- pull 2 way radio,<br/>           Repair head liner and drop down.<br/>           Check fuel leak, found blown return<br/>           line to tank and split suction hose<br/>           from filter to pump. Removed blown<br/>           hoses<br/>           Measured front window to have cut<br/>           Me12- make list of repairs for sale<br/>           Me24- make list of repairs for sale<br/>           Mrt04- make list of repairs for sale<br/>           Md12- straighten stack and install<br/>           clamp, install new fuel cap</p> | 12    | 105.00 | 1,260.00 |
| 30/10/2025 | Mobile Service | <p>Me12- boost unit, found positive<br/>           battery cable loose on post, end is<br/>           tightened up all the way and still<br/>           loose,<br/>           360 komatsu- replaced wif sensor,<br/>           run and verify code went inactive.<br/>           16 wheeler- check no lights, test<br/>           power at neck, good power, follow<br/>           cable back and found it snagged</p>   | 11.50 | 105.00 | 1,207.50 |

under frame and tore out, run a new cable form neck to break, splice and test lights. All working.

Me30- pull 2 way, install cat walks, check for repairs for sale.

Md15- check lo3 fault, found active crankcase pressure high fault, removed sensor and monitor with removed, pressure drops, reinstall and it spikes, remove hose from baffle and pressure drops, filter plugged. Removed filter and code goes inactive

Ms02- tire

Me23- service unit, change engine oil, fuel filters.

Install sliding door

Md14- install door

Md06- install door

Me25- make list of repair for sale

31/10/2025

Field Service

Md28- make list for sale

11

105.00

1,155.00

Me18- make list for sale

Mc11- make list for sale

Mc15- reinstall fuel lines from pump to filter housing, install fuel line from tank to return.

Install fuel filter, prime system and run, check for leaks, no leaks.

Reinstall belly pan.

Mg06- assemble and install new spool into control valve, ensure free movement and install right side control valve, replaced o rings on fittings, hook up hoses and linkages, reinstall floor covers.

Clean transmission suction screens and reinstall, install new crossover hose from diff to trans. Fill transmission, fill hydraulics.

Installed blade tilt cylinder.

Installed alternator

Pulled radio components from cab  
872G Grader- remove cutting edges and prep to install sandviks

Md19- service unit, changed engine oil, fuel filters. Removed 2 way.

Change cutting edges and corner bits.

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SUBTOTAL

11,550.00

|          |           |
|----------|-----------|
| GST @ 5% | 577.52    |
| TOTAL    | 12,127.52 |

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|             |                    |
|-------------|--------------------|
| BALANCE DUE | <b>\$12,127.52</b> |
|-------------|--------------------|

TAX SUMMARY

|  | RATE     | TAX    | NET       |
|--|----------|--------|-----------|
|  | GST @ 5% | 577.52 | 11,550.00 |

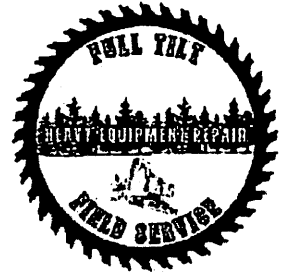
# Full Tilt Heavy Equipment Repair Ltd.

Barrhead AB

7802820224

Jared@fulltiltequipment.com

GST/HST Registration No.: 72449 1022RT0001



## INVOICE

BILL TO  
Martushev Logging  
10458 Mayfield Rd NW  
Edmonton AB T5P4P4

INVOICE 1037  
DATE 31/08/2025  
TERMS Due on receipt  
DUE DATE 15/09/2025

| DATE       | ACTIVITY      | DESCRIPTION   | QTY | RATE  | AMOUNT   |
|------------|---------------|---|-----|-------|----------|
| 18/08/2025 | Field Service | Me24- service unit, change engine oil, fuel filters. Check air filters ok. Change final drive oil. Change pilot filter Change cab mirror and install new hydraulic tank cap. Ran unit and still no tank pressure, flange must be worn and allowing to leak. Change out blown quick attach hose, Xcmg packer- remove sheep foot shells Mrt04- straighten fuel tank latch door and hinges so it closes properly. Mb11- order saw drive parts Order and make parts list for multiple units | 11  | 67.50 | 742.50   |
| 20/08/2025 | Field Service | Md15- install driveline and yoke, torque bolts. Replaced bolts. Install remaining panels and guards Replace multiple grease zerks not taking grease Install belly pans and floor mat Tt02- install cylinder pins, repair threads on pin and tighten Mdl22- check boom pushing down on its own, found pilot control valve worn and not returning joystick to neutral, weight of keypad pushes boom down piston. Set pilot  | 18  | 67.50 | 1,215.00 |

pressure on carrier to spec.  
 Mb11- start replacement of saw bearings, remove covers and cap lines to saw motor, remove saw motor, mount plate and bearing cap. remove arbor from head, weld out races and clean up bores.  
 Mdl25- check head randomly tilts up, checked wiring from ecu to tilt coil, no visual issues. Ecu was just replaced. Check brushes in rotate, no visual issues. Run unit with tilt coil unplugged and issue doesn't occur.  
 Confirmed auto tilt up is set to manual  
 Take joystick cover off and while wiggling and shaking buttons head will tilt up. Need to replace button and run unit.  
 Mb04- check ac inop, belt ok, clutch engages if power supplied, hook up gauges and pressure seemed in spec for ambient temp. no power being sent to compressor and fuses are good. Further diag needed  
 Md28- check rail and remove track pad for spacing to assemble link. Found pin worn and bushings able to turn by hand. Rails are worn out.

|            |               |   |       |       |        |
|------------|---------------|---|-------|-------|--------|
| 21/08/2025 | Field Service | <p>Mb11- replace seal, retainer and bearing on saw drive.<br/>         Ml03- check head won't tilt, can hear cylinder bypassing, remove cylinder and rod pulled out of barrel, piston nut threads damaged. Removed grapple cylinder with hole in barrel. Had to cut pin.<br/>         Mdl21- check leaking plug on end cap, remove and try to match up o ring, o ring is square cut style counter sunk into head of cap. Tried multiple o rings and all blew. Send plug in to town to try and match seal, noted possible crack in threads. Try a proper seal and see if leak stops.<br/>         Md15- check unit overheated and code for fan control mismatch. Monitor fan commanded vs measured speed, fan speed is</p> | 12.50 | 67.50 | 843.75 |
|------------|---------------|---|-------|-------|--------|

higher than commanded. Direction of rotation ok. Check wiring to speed sensor and all visually ok. Run unit in service mode and command fan to 100% duty cycle and fan speed goes to 1650rpm. In spec. Need to diag further by testing pressures and inspecting epc servo for fan pump.

|            |               |   |       |       |          |
|------------|---------------|---|-------|-------|----------|
| 22/08/2025 | Field Service | <p>Md28- attempt to press repair link together. Shop press unable to achieve pressure needed to install interference fit bushing into link. Took to machine shop for assembly and to have pins milled.</p> <p>Md14- check and confirm fuel in coolant. Failed injector cups. Drop belly pan and Drain cooling system. Remove air filter housing, AC compressor brackets and braces, exhaust braces. Remove harness and valve covers. Drain fuel rifle. Remove rockers and injectors. Remove injector cups and clean bore. Vac out cylinders multiple times while cleaning. Wipe out bores and install injector cups as per procedure. Reinstall injectors and rockers as per procedure. Reinstall remaining components removed for access. Fill cooling system with water and detergent, run unit at temp for 1 hour and drain and refill with fresh coolant. Reinstall belly pan . Run unit again for 1 hour and check for any leaks. No leaks and coolant level didn't rise. Torque stalled multiple times. Recommend to flush cooling system again at next service to remove any residual water/fuel left in system.</p> | 18    | 67.50 | 1,215.00 |
| 23/08/2025 | Field Service | <p>Mst20- clean out rims and wash truck</p> <p>Md10- start cleaning components and sort parts.</p>  | 6     | 67.50 | 405.00   |
| 24/08/2025 | Field Service | <p>Md10- clean components of engine, unit was not washed prior to disassembly, cleaned frame and area under dozer best I could to prevent debris and contamination. Multiple components of engine left</p>  | 10.50 | 67.50 | 708.75   |

lying in the dirt and uncovered. I.e) turbo, intake, cylinder head. remove and replace main bearings/thrust bearings as per procedure, torque and turn as per spec. Check crank shaft endplay and in spec. 1 main bearing set had a defect from factory, rejected and need to order a new set, 1 through 6 installed.

Clean cylinder block and liner bores, start installing liners. Install liners 1 through 4 as per procedure. 2 liner kits from factory had issues, 1 had a chip in Fire ring surface and the other due to packaging the o ring was cut from sitting under liner. Sort through more parts and order missing items.

JCB telehandler- service

25/08/2025

Field Service

Hv01- check noise from clutch and PTO. Clutch release bearing is worn, cross shafts hammered out. Noise goes away when clutch applied.

17.50

67.50

1,181.25

PTO is growling, plug swap trans and lots of shavings on plugs.

Mb04- check AC, no power on compressor, good pressure based on ambient temp, check and found 30amp fuse test good but melted internally, pins arced. Replaced and cleaned pins, AC still inop, found rubbing wires on engine, repaired. Still inop, check ac defrost diode relay, found relay pins spread and not making contact, adjust pins and AC started working. Vent temp of 62 degrees.

Check xs2 module fault, found previously repaired wire pulled out of connector, repinned and run unit, couldn't recreate fault

Md125- cylinder leak, clean up and attempt to weld crack on barrel, didn't seal, remove cylinder to swap barrel.

Md15- measure up edges, check AC, pull vacuum and vacuum holds, start charging and found leaking condenser.

Mg04- check ac inop, found no charge, pressure test 450 psi and pressure held, vacuum and charge, noted AC compressor growling and binding up when clutch engaged.. Pressures not changing much when engaged, recommend to replace compressor and drier. Air blowing approx 70 degrees from vent and ambient temp of 90 degrees.  
 Tt06- check coolant leak, found hoses to water pump split, remove hoses for sample and get hoses, reinstall and fill coolant, run up to temp and check for leaks, no leaks, top up coolant.

26/08/2025

Field Service

Mdt50- check trans faults, found fault 71, unable to achieve neutral, cause unknown, check harness and visually no issues, good power to tcm, troubleshooting leads to removal and inspection of xy shifter.  
 Tt02- check faults, found only recent active fault is low coolant sensor fault, unit has excessive crankcase pressure.  
 Tt07- check unit won't build air, found exhaust pipe fell off and melted air lines down the frame. Pull back air lines and splice and reroute through frame, air up unit and find more leaks, fixed all leaks, test with brakes releases. Tied up lines and put heat wrap on. Reinstall exhaust, tighten u bolt. Noted flex pipe to drive stack broken off.  
 Check trans fault, was from driving with low air and brakes coming on. Cleared and unit moved no issues.  
 Md15- check unit won't rev up, found pitch sensor hot short fault and ignition fell out of panel, reinstall ignition and and code went away, inspected wiring to pitch sensor and no issues, flex harness from sensor to cab and code didn't come up. Disconnect sensor and the same code sets. Likely related to ignition power short. Connector did have some oil inside of it and the pitch

16.50

67.50

1,113.75

|            |               |  |    |       |        |
|------------|---------------|--|----|-------|--------|
|            |               | sensor is oil filled, possibly shorted in plug too, cleaned contacts and return to service.<br>Md28- install repair link, had to grind pins and clean up link pin boss, pin up track and weld pins, install pads and tighten track   |    |       |        |
| 27/08/2025 | Field Service | Tt02- attempt to remove broken grease zerk in grapple knuckle, hole was damaged and unable to drill material as it was too hard of steel. Attempt to heat and extract, extractor broke. Recommend to remove and use drill press to drill and retap.<br>Md19- service unit, change engine oil, air filter, fuels, final drives. Top up winch.<br>289d3 skid steer- change battery, confirm unit charging.<br>Change cutting edge, had to cut bolts.<br>Me30- change bucket tooth as it broke off, shank is wore out.  | 11 | 67.50 | 742.50 |
| 28/08/2025 | Field Service | Md19- change last fuel filter<br>Mb06- start removal of engine, drain coolant, disconnect piping and pull back after treatment harness, remove complete aftertreatment assembly<br>Ctt03- check unit won't start, trans fault, service ranger unable to connect, no cycle of ECA or xy shifter when turning key on, check fuses and all ok. Check power to eca and found connector not plugged in completely and wiggling plug cycles eca. Cleaned connector and test power, good power. Unit still won't start, inspect harness from tecu up and around trans, wiggling harness was able to get xy shifter to cycle and unit started. Couldn't recreate issue after that, tied up wiring and sent unit to be offloaded and head to shop<br>Unit also had multiple low oil pressure faults and driver stated warning lamp coming on.<br>Mtt34- check unit struggling to keep | 14 | 67.50 | 945.00 |

air tanks full, found blown air lines by drier, spliced lines to remove broken sections.

Ctt03- service unit, unit was 350 hours over for service. Cut oil filter and some metal present. Ran up to temp and oil pressure ok.

Check into trans harness more and found rubbed power supply wires to tcu on a bracket, wiggle wires and power would drop out, pull back harness and repair.

Mdt18- pull hydraulic pump for another unit

|            |               |  |    |       |          |
|------------|---------------|--|----|-------|----------|
| 29/08/2025 | Field Service |  | 17 | 67.50 | 1,147.50 |
|------------|---------------|--|----|-------|----------|

Mb11- Get saw blade and take out to unit, replace bearing races, clean all components, pack bearings, install arbor, measure shim pack and endplay, set end play to .003". Install saw motor and hook up hoses. Test and let saw run for 5 minutes. Grease bearings while saw winds down. Saw spins freely. Panel up. Buff ski's and install with new bolts and loctite.

Torqued all components to spec and used loctite where required.

Install accumulate arm pin.

Install saw teeth

|            |               |  |       |       |        |
|------------|---------------|--|-------|-------|--------|
| 30/08/2025 | Field Service |  | 12.50 | 67.50 | 843.75 |
|------------|---------------|--|-------|-------|--------|

Mrt08- check def fault, multiple recent counts for def reversing valve, valve is internal to pump, pin out wiring from ecm to pump, load test and check voltage drop.

Passes. Inspected harness and checked for pin to pin shorts in connectors.

Failed def pump

Check hydraulics overheating, unit seems to be constantly in regen causing full load of fan motors to generate heat. Force regen to try and lower soot level. Regen completed, soot level still high.

DPF may need to be removed for cleaning, further diag required.

Hydraulic oil also very black in color, recommend to change hydraulic oil and filters

Rental IR packer- heater stuck on,

pulled fuse, unit doesn't have AC.  
 Showed operator switch for fan and the back window opens.  
 Mdt21- check broken driveline, found yoke split and u joint damaged. Seal pulled out.  
 Remove yoke and u joint, replace seal and reinstall.  
 Diagnose low power/check engine light  
 Found codes for injector 5&3 low current, remove valve cover and run solenoid test with solenoids shorted, open changed to short. Failed injectors.  
 Diagnose coolant temp fault, unit In cold mode, found coolant temp sensor unplugged, plugged in and code went away.  
 Check belts squealing, sprayed with dressing and went away.  
 Recommend to replace belts.  
 Md26- tighten loose lights on cylinders

|               |  |      |       |          |
|---------------|--|------|-------|----------|
| Field Service | <p>Md15- pin up blade, cleaned up bores, had to tap multiple retainer bolt holes. Repaired broken grease zerks.<br/>         Shim c frame sockets.<br/>         Gather up removed panels for wash.<br/>         Check unit over and make list of repairs<br/>         Diagnose work lights inop, found broken wiring to connector going to front. Repair and now have power at lights, 4 lights inop and 1 dim, replaced work lites.<br/>         Installed front cover panel.<br/>         Diagnose wiper sprayer not working on right door, failed pump and need a new pigtail.<br/>         Diagnose wiper arm not working, motor is turning but arm is not, broke inside<br/>         Remove and replace rear window, prep surface after removal and install window adhesive and install window.</p> | 8.50 | 67.50 | 573.75   |
| Field Service | Rental 331G skid steer- repair leaks on sweeper, removed bulkhead  | 16   | 67.50 | 1,080.00 |

fittings and replaced o rings.  
 Reinstall and test, no leaks.  
 Mld68- remove pilot sign from mld54 as it has a blown engine. Install and wire in pilot sign onto truck.  
 Install new 2 way cable and antenna.  
 Mst20- check truck overheated, blown coolant hose to cabinet heater, went and got fitting to join hoses. Check derated, code for def doser, unplugged and cleaned connector and derate countdown hit 0 and cleared.  
 Rental d6k- service unit, change engine oil, fuel filters and air filters. Run and confirm oil level ok.  
 Me30- service unit, change engine oil, air filters, recirc cab filter, fuel filters. Check over unit.  
 Change final drive oil.  
 Change bucket teeth.  
 Swing drive oil due next service as well as hydraulic filters.  
 Me25- service unit, change engine oil, change fuel filters, change pilot hydraulic filter. Change air filters.  
 Change left side final drive oil, checked right side and it has catastrophically failed. Recommend to replace complete unit with a reman.  
 Install mirror.  
 Noted unit seems to have slow hydraulic functions, further diag needed.

|               |   |    |       |        |
|---------------|---|----|-------|--------|
| Field Service | <p>Md15- install rear window guard.<br/>         Pull c frame tilt cylinder hoses and measure up hoses to reroute externally. Get hoses made and reinstall, test and adjust routing so hoses don't stretch.<br/>         Install hose guards<br/>         Change final drive oil.<br/>         Change damper case oil<br/>         Service unit<br/>         Attempt to install missing bolts into u joints, found bolts broke off in yoke, remove driveline and remove yoke from damper case to extract broken bolts</p> | 14 | 67.50 | 945.00 |
|---------------|---|----|-------|--------|

Reassemble loose core transmission for exchange.  
 Mtt42- check fault codes, found multiple recent counts for crank speed sensor fault, pin out wiring and load test circuit. Check voltage drop while wiggling harness and all passes. Remove and replaced sensor. Run unit and see if issue reoccurs

|       |  |   |       |       |
|-------|--|---|-------|-------|
| Parts | 20LB Propane Tank Fill                                   | 1 | 20.00 | 20.00 |
| Parts | 1" Heater Hose by the foot                               | 4 | 10.80 | 43.20 |
| Parts | Grease Monkey Gloves                                     | 1 | 25.99 | 25.99 |
| Parts | Coolant line fittings and splices - used to repair MST20 | 1 | 12.55 | 12.55 |

Please find attached receipts for parts and supplies purchased for completion of jobs.

|          |           |
|----------|-----------|
| SUBTOTAL | 13,804.24 |
| GST @ 5% | 690.24    |
| TOTAL    | 14,494.48 |

BALANCE DUE **\$14,494.48**

TAX SUMMARY

| RATE     | TAX    | NET       |
|----------|--------|-----------|
| GST @ 5% | 690.24 | 13,804.24 |

|  |  |                                   |  |
|--|--|-----------------------------------|--|
| <b>MAP CHANGE MECHANICAL LTD.</b><br>Curtis Thatcher<br>GST#795415702 RT0001<br>WCB#9518417<br>4825 54th Ave<br>Drayton Valley, AB T7A 1C3<br>(780)898-8755<br>curtis.thatcher.97@hotmail.ca |  | Invoice 037<br><br>Date: jan 2 25 |  |
| <b>Invoiced to:</b> Martushev Group  |  |                                   |  |
| <b>Date</b>  | <b>Description</b>                                       | <b>Hours</b>                      |  |
| Dec 2  | Work on units MD-14, ML-02, MUL0014, start all equipment | 14                                |  |
| Dec 3  | Work on units ML-06, TT-03, MG06, TT-7 (U-joint)         | 13                                |  |
| Dec 4  | Work on units MB-06, MG-06                               | 14                                |  |
| Dec 5  | Work on units MG-06, MG-04, MS-06, MDL-25, MB-10         | 12                                |  |
| Dec 6  | Work on units MG-04, MB-06, MS-06, MDL-24, ML-03         | 13                                |  |
| Dec 7  | Work on units MG-04, line up parts                       | 11.5                              |  |
| Dec 8  | Work on unit MDL-22, blade block roads                   | 9                                 |  |
| Dec 9  | Work on units MD-15, ML-03, MS-02, MD-06                 | 13                                |  |
| Dec 10   | Work on units MS-06, MDL-25, MB-10                       | 13                                |  |
| Dec 11   | Work on units MB-10, ML-03                               | 13                                |  |
| Dec 12   | Work on units MS-06, ML-03, ME-26                        | 13                                |  |
| Dec 13   | Work on units MG-08, rental hoe in yard                  | 10                                |  |
| Dec 14   | Work on units ME-26, MD-06, MG-06                        | 12.5                              |  |
| Dec 15   | Work on units MS-14, ML-03, MG-06                        | 14                                |  |
|  | Hours subtotal   | 175                               |  |
|  | Rate   | \$110.00                          |  |
|  | Subtotal   | \$19250.00                        |  |
|  | Tax (5%)   | \$962.50                          |  |
|  | Total  | \$20212.50                        |  |

|  |  |                                      |  |
|--|--|--------------------------------------|--|
| <b>MAP CHANGE MECHANICAL LTD.</b><br>Curtis Thatcher<br>GST#795415702 RT0001<br>WCB#9518417<br>4825 54th Ave<br>Drayton Valley, AB T7A 1C3<br>(780)898-8755<br>curtis.thatcher.07@hotmail.ca |  | Invoice 036<br><br>Date: Dec 11 2024 |  |
| Invoiced to: Martushev Group   |  |                                      |  |
| <b>Date</b>  | <b>Description</b>                                       | <b>Hours</b>                         |  |
| Nov 20   | Work on units ME-26, MB-11, MS-09, MB-10                 | 13                                   |  |
| Nov 21   | Work on units MDL-24, MDL-25                             | 12                                   |  |
| Nov 22   | Work on unit MB-05                                       | 12.5                                 |  |
| Nov 23   | Work on unit MB-05                                       | 12                                   |  |
| Nov 24   | Work on unit MG-04                                       | 7                                    |  |
| Nov 25   | Work on units MD-15, MDL-08, MS-09, MLT-7, rental loader | 13.5                                 |  |
| Nov 26   | Work on unit MB-05                                       | 10                                   |  |
| Nov 27   | Work on units MG-09, MLT-7                               | 12                                   |  |
| Nov 28   | Work on units MB-05, drive to Fort Mac                   | 13                                   |  |
| Nov 29   | Go to site and start equipment, drug test                | 10                                   |  |
| Nov 30   | Get equipment stored, work on MD-20, ML-02               | 11                                   |  |
| Dec 1  | Work on unit MDL-09, organize job trailer                | 10                                   |  |
|  | Hours subtotal   | 136                                  |  |
|  | Rate   | \$110.00                             |  |
|  | Subtotal   | \$14960.00                           |  |
|  | Tax (5%)   | \$748.00                             |  |
|  | Total  | \$15708.00                           |  |















# ROUGH ROAD REPAIR INC.

HEAVY DUTY MECHANICS

Phone: Kevin Hulowski 780-689-8800

PO Box 1383 Athabasca, AB T9S 2B2

GST #849343504RT001

WCB #6570873

Company Name: Martushev Date: Aug 2024  
 Address: 205 10458 Mayfield RD Edmonton Phone: 780 212 0848  
T5P 4P4 PO #: 113 0659  
 Job # / Location: Wandering River

| DESCRIPTION OF WORK   | HOURS |
|---|-------|
| July 31 extracted 3 broken bolts on M109 Drive pulley, Reinstalled pulcher head pin falling out and locked, Changed grease nipple and grease M108 installed blade on MD14 fixed quick connect threads | 10    |
| Aug 1 Clean out Rads on MD14 pull steel, line and weld, Rads  | 8     |
| Aug 2 walk to M109 get running, install steel line button w/packer  | 8     |
| Aug 6 Fix 2 leaks M109 fix fuel leak on Rental JD packer  | 8     |
| Aug 8 change starter solenoid on M109, Komatsu lock pin, inspected MD24 air pressure temp sensor Reading 40 no make what.   | 9     |
| Aug 13 Cleaned Rad/Air filter filled coolant ASC 50, tighten tensions on MD14 axle, Glade blow out filters, Blow out Rad/filters Rental packer  | 8     |
| Aug 14 Grab filter from aj more Service MD 24, fill fluids, grease  | 7     |
| Aug 20 Diagnosed fixed MD14 air-hunting, Blow out All Rads  | 10    |
| Aug 22 fill Grader tires Blow out packer Rads, stand by   | 9     |
| Aug 23 Adjusted grader park brake, packer no start/kill button  | 10    |

NOTES / PARTS Starter solenoid M109 139.<sup>00</sup>  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 AUTHORIZING SIGNATURE \_\_\_\_\_  
 \_\_\_\_\_

|               |                     |
|---------------|---------------------|
| TOTAL HOURS   | 87                  |
| SHOP SUPPLIES | 0                   |
| PARTS         | 139                 |
| SUBTOTAL      | 1144. <sup>00</sup> |
| GST           | 572.45              |
| TOTAL         | 12,021.45           |

WORK ORDER 0445

Payment not received before 60 days of billing will be subject to 2% per month interest



# Highmark Mechanical Inc.

Box 2076  
 #162 Parker Road  
 Lac La Biche, Alberta T0A 2C0  
 CANADA

# INVOICE

Invoice No.: 5069  
 Date: 01/30/2024  
 Ship Date:  
 Page: 1  
 Re: Order No.

**Sold to:**

Martushev Logging  
 Carl  
 Suite # 205,10458 Mayfield Road  
 Edmonton, AB T5P 4P4

**Ship to:**

Martushev Logging  
 Carl  
 Suite # 205,10458 Mayfield Road  
 Edmonton, AB T5P 4P4

Business No.: 85858 9427 RT0001

| Quantity   | Description             | Hrly Price | Tax           | Amount   |
|--|-------------------------|------------|---------------|----------|
|  | Rebuild denarco knuckle |            | G             | 4,204.00 |
|  | Shop Supplies @ 5%      |            | G             | 210.20   |
|  | Subtotal:               |            |               | 4,414.20 |
|  | G - GST @ 5%            |            |               | 220.71   |
|  | GST                     |            |               |          |
| Shipped By: Tracking Number:   |                         |            | Total Amount  | 4,634.91 |
| Comment: We appreciate your business Thank You! Payment Terms Net 30 Days. Interest of 2% per month. |                         |            | Amount Paid   | 0.00     |
| Sold By:   |                         |            | Amount Owning | 4,634.91 |

# INVOICE



## WEBSTER'S REPAIR

Devin Webb  
websters\_repair@outlook.Com  
Box 288 Blue Ridge AB T0E0B0

**Bill To**  
Martushev Group  
1780-212-0898  
205 – 10458 Mayfield Road Edmonton AB T5P 4P4

**Invoice #008**  
Issued 02/15/2024

| Description   | QTY | Price, CAD | Amount, CAD |
|---|-----|------------|-------------|
| <b>D65-17 11830hr KMTOD117K010011115 (8hr)</b><br>Install oil pan<br>Cleaned up engine block and spacer plate cleaned up oil pan and gasket installed new spacer plate gasket put spacer plate into place installed oil pickup tube torqued to spec. Installed oil pan torqued to spec ( 24NM -20ftlb) installed oil cooler filled dozer with oil and coolant found oil heater plate was lose torqued to spec | 8   | \$120.00   | \$960.00    |
| <b>Install hardbar (4hr)</b><br>Cleaned up hard bar installed new seals cleaned up pin Boss holes installed hard bar and new pins went to start unit to lower dozer for Center pin blew cooler line   | 4   | \$120.00   | \$480.00    |
| <b>Transmission hoses (10hr)</b><br>Removed seat and floor boards from unit to get to cooler lines removed plate from transmission took oil cooler lines off and replaced. Found that all transmission hoses were brittle so replaced all t transmission hoses 8 in total ran unit checked for leaks was good installed seat and floor boards   | 10  | \$120.00   | \$1,200.00  |

|                 |                   |
|-----------------|-------------------|
| <b>Subtotal</b> | <b>\$2,640.00</b> |
| <b>Tax 5%</b>   | <b>\$132.00</b>   |
| <b>Total</b>    | <b>\$2,772.00</b> |

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



**Invoice:** INV-7302  
**Date:** 15/2/2024

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date | Authorizer | Customer PO | Unit # |
|---------------|--------|----------|------------|-------------|--------|
| SO-8360       | Net 15 | 1/3/2024 | Joe        | SHOP        | MD-15  |

| Item  | Description   | Quantity | Rate    | Amount          |          |
|---|---|----------|---------|-----------------|----------|
| <b>Complaint:</b> Remove hardbar            |   |          |         |                 |          |
| <b>Cause:</b> Customer request              |   |          |         |                 |          |
| Labor                                       | <b>Correction:</b><br>Chassis / Chassis / Remove sump pans and get unit moved into wash bay. Bring unit out and block up, set up come along and remove side pins and drop hard bar. - Created: 6/2/2024 Completed: 14/2/2024  | 5.50000  | \$65.00 | \$357.50        |          |
|   |   |          |         | <b>Subtotal</b> | \$357.50 |
| <b>Complaint:</b> Remove oil pan and cooler |   |          |         |                 |          |
| <b>Cause:</b> Customer request              |   |          |         |                 |          |
| (Inspection)                                |   |          |         |                 |          |
| Labor                                       | <b>Correction:</b><br>Engine / Oil Pan / Drain engine oil and drain coolant. Remove oil pan bolts and lower oil pan. Remove lines to cooler and remove cooler for welder to access - Created: 7/2/2024 Completed: 14/2/2024   | 3.25000  | \$65.00 | \$211.25        |          |
|   |   |          |         | <b>Subtotal</b> | \$211.25 |
| <b>Complaint:</b> Re bearing hardbar        |   |          |         |                 |          |
| <b>Cause:</b> Customer request              |   |          |         |                 |          |
| (Inspection)                                |   |          |         |                 |          |
| Labor                                       | <b>Correction:</b><br>Chassis / Chassis / Remove right and left side seals, snap rings and bearings from hard bar. Weld centre bushings and hammer out. Clean up hard, freeze centre bushings and pre heat hard bar. Install new centre bushings. Install new bearings on left and right side of hard bar and new snap rings - Created: 8/2/2024 Completed: 14/2/2024 | 6.00000  | \$65.00 | \$390.00        |          |
|   |   |          |         | <b>Subtotal</b> | \$390.00 |

Unit: MD-15 VIN: KMTOD117K01001115  
2011 Komatsu D65WX-17  
Engine: 11,363 Hours  
Trailer: 0 Miles

|                                   |            |
|-----------------------------------|------------|
| <b>Labor</b>                      | \$958.75   |
| <b>Shop Supplies</b>              | \$47.94    |
| <b>Pre-Charge Subtotal</b>        | \$1,006.69 |
| <b>GST<br/>(5% of \$1,006.69)</b> | \$50.33    |
| <b>Total</b>                      | \$1,057.02 |
| <b>Payments &amp; Credits</b>     | \$0.00     |
| <b>Balance Due</b>                | \$1,057.02 |

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: \_\_\_\_\_

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



**Invoice:** INV-7272  
**Date:** 14/2/2024

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date  | Authorizer | Customer PO               | Unit # |
|---------------|--------|-----------|------------|---------------------------|--------|
| SO-8121       | Net 15 | 29/2/2024 | Joe        | WINDFALL/ANC/WELDING/JASO | MD-15  |

| Item                 | Description  | Quantity | Rate            | Amount         |
|----------------------|--|----------|-----------------|----------------|
| <b>Drive to unit</b> |  |          |                 |                |
| Labor                | Drive to unit (Service Call)<br>ANC BLOCK WINDFALL | 0.75000  | \$100.00        | \$75.00        |
|                      |  |          | <b>Subtotal</b> | <b>\$75.00</b> |

**Complaint:** REMOVE BROKEN ROLLER BOLTS  
**Cause:** Customer request

|       |  |         |                 |                 |
|-------|--|---------|-----------------|-----------------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Removed 8 broken roller bolts - Created: 22/1/2024<br>Completed: 25/1/2024 | 1.50000 | \$100.00        | \$150.00        |
|       |  |         | <b>Subtotal</b> | <b>\$150.00</b> |

|                   |                                  |         |                 |               |
|-------------------|----------------------------------|---------|-----------------|---------------|
| <b>Inspection</b> |                                  |         |                 |               |
| Labor             | Risk Assessment: Risk Assessment | 0.00000 |                 | \$0.00        |
|                   |                                  |         | <b>Subtotal</b> | <b>\$0.00</b> |

|                         |  |         |                 |                |
|-------------------------|--|---------|-----------------|----------------|
| <b>Return from unit</b> |  |         |                 |                |
| Labor                   | Return from unit<br>ANC BLOCK WINDFALL | 0.75000 | \$100.00        | \$75.00        |
|                         |  |         | <b>Subtotal</b> | <b>\$75.00</b> |

Unit: MD-15 VIN: KMTOD117K01001115  
2011 Komatsu D65WX-17  
Engine: 11,363 Hours  
Trailer: 0 Miles

|                                 |          |
|---------------------------------|----------|
| <b>Labor</b>                    | \$300.00 |
| <b>Shop Supplies</b>            | \$15.00  |
| <b>Pre-Charge Subtotal</b>      | \$315.00 |
| <b>GST<br/>(5% of \$315.00)</b> | \$15.75  |
| <b>Total</b>                    | \$330.75 |
| <b>Payments &amp; Credits</b>   | \$0.00   |
| <b>Balance Due</b>              | \$330.75 |

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: \_\_\_\_\_



**Martushev Logging**  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 joe@martushev.ca  
 WINDFALL/ANC/WELDING/JASO

**DJ Mechanical**  
 Box 2586  
 Whitecourt, AB T7S 2A1, CA  
 darcy@djmechanical.net

### Risk Assessment

**Completed Date:** 28/1/2024

**Unit:** MD-15 **VIN:** KMTOD117K01001115

**Year/Make/Model:** 2011 Komatsu D65WX-17

**Chassis Kilometres:** No recorded.

**Engine Hours:** 11,363 Hours (11/1/2024)

**Service Order:** SO-8121

**Chassis:** KMTOD117K01001115 2011 Komatsu D65WX-17

| <b>Procedure</b>  | <b>Result</b> |
|---|---------------|
| 1. Are tools, machines and equipment in good Repair?  | Satisfactory  |
| 2. Are machines guards in place and operating properly?                                     | Satisfactory  |
| 3. Are Fire alarms and Portable Extinguishers readily available?                            | Satisfactory  |
| 4. Is PPE available, properly maintained and properly used?                                 | Satisfactory  |
| 5. Are Emergency Exits clearly marked and accessible?                                       | Satisfactory  |
| 6. Is lighting Adequet?   | Satisfactory  |
| 7. Is area adequately ventilated?   | Satisfactory  |
| 8. Do Noise levels allow clear communication?   | Satisfactory  |
| 9. Are any live Electrical Wires exposed?   | Satisfactory  |
| 10. Do materials left on the floor present a tripping hazard?                               | Satisfactory  |
| 11. Are there any risks of injuries from machine parts or exposures?                        | Satisfactory  |
| 12. Are there any Procedures to Follow when Shutting down equipment?                        | Satisfactory  |
| 13. Are ALL employees aware of Storage, organization and placement of Parts, Tools, etc...? | Satisfactory  |
| 14. Are employees aware of hazards that may be created by the Job?                          | Satisfactory  |
| 15. Have obvious problems been immediately remedied?  | Satisfactory  |
| 16. Has Equipment that could help reduce hazards been identified?                           | Satisfactory  |
| 17. Have physical changes necessary to reduce hazards been completed?                       | Satisfactory  |

**Technician:** Graham Klemp

**Digital Signature:** Graham Klemp

**Date:** 28/1/2024

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



**Invoice:** INV-7108  
**Date:** 5/2/2024

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date  | Authorizer | Customer PO | Unit # |
|---------------|--------|-----------|------------|-------------|--------|
| SO-8225       | Net 15 | 20/2/2024 | Joe        | ANC/NOLAN   | MD-15  |

| Item | Description | Quantity | Rate | Amount |
|------|-------------|----------|------|--------|
|------|-------------|----------|------|--------|

**Complaint:** Jan 27

**Cause:** Customer request

|       |  |         |          |         |
|-------|--|---------|----------|---------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Diagnosed bad blade angle switch, ordered parts -<br>Created: 27/1/2024 Completed: 31/1/2024 | 0.50000 | \$110.00 | \$55.00 |
|-------|--|---------|----------|---------|

**Subtotal** \$55.00

**Complaint:** Jan 31

**Cause:** Customer request

(Inspection)

|       |   |          |          |            |
|-------|---|----------|----------|------------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Drove to site, replaced both rear rollers, replaced blade angle switch on right joystick, diagnosed hard bar centre pin fell out, tried to reinstall hard bar pin but hole is damaged to bad, also found the frame above hard bar cracked really bad and unit needs to go to shop for repair - Created: 31/1/2024 Completed: 2/2/2024 | 11.00000 | \$110.00 | \$1,210.00 |
|-------|---|----------|----------|------------|

**Subtotal** \$1,210.00

Unit: MD-15 VIN: KMTOD117K01001115  
 2011 Komatsu D65WX-17  
 Engine: 11,363 Hours  
 Trailer: 0 Miles

|                                  |            |
|----------------------------------|------------|
| <b>Labor</b>                     | \$1,265.00 |
| <b>Shop Supplies</b>             | \$63.25    |
| <b>Pre-Charge Subtotal</b>       | \$1,328.25 |
| <b>GST</b><br>(5% of \$1,328.25) | \$66.41    |
| <b>Total</b>                     | \$1,394.66 |
| <b>Payments &amp; Credits</b>    | \$0.00     |
| <b>Balance Due</b>               | \$1,394.66 |

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

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

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



**Invoice:** INV-6916  
**Date:** 22/1/2024

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date | Authorizer | Customer PO | Unit # |
|---------------|--------|----------|------------|-------------|--------|
| SO-8095       | Net 15 | 6/2/2024 | Joe        | ANC/TURNER  | MD-15  |

| Item | Description | Quantity | Rate | Amount |
|------|-------------|----------|------|--------|
|------|-------------|----------|------|--------|

**Complaint:** Jan-17

**Cause:** Customer request

|       |  |         |          |          |
|-------|--|---------|----------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Check out loose cab and tighten hardware start parts list repair wiring for lights - Created: 20/1/2024 Completed: 20/1/2024 | 2.00000 | \$110.00 | \$220.00 |
|-------|--|---------|----------|----------|

**Subtotal** \$220.00

**Complaint:** Jan-19

**Cause:** Customer request

|       |   |         |          |          |
|-------|---|---------|----------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Drive to site | 3.00000 | \$110.00 | \$330.00 |
|-------|---|---------|----------|----------|

Troubleshoot electrical for air seat replace fuse and bypass broken switch -  
 Created: 20/1/2024 Completed: 20/1/2024

**Subtotal** \$330.00

**Unit:** MD-15 **VIN:** KMTOD117K01001115  
 2011 Komatsu D65WX-17  
**Engine:** 11,363 Hours  
**Trailer:** 0 Miles

|                                |          |
|--------------------------------|----------|
| <b>Labor</b>                   | \$550.00 |
| <b>Shop Supplies</b>           | \$27.50  |
| <b>Pre-Charge Subtotal</b>     | \$577.50 |
| <b>GST</b><br>(5% of \$577.50) | \$28.88  |
| <b>Total</b>                   | \$606.38 |
| <b>Payments &amp; Credits</b>  | \$0.00   |
| <b>Balance Due</b>             | \$606.38 |

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



**Invoice:** INV-6813  
**Date:** 17/1/2024

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date | Authorizer | Customer PO | Unit # |
|---------------|--------|----------|------------|-------------|--------|
| SO-7949       | Net 15 | 1/2/2024 | Joe        | SHOP        | MD-15  |

| Item                                      | Description   | Quantity | Rate       | Amount          |
|---|---|----------|------------|-----------------|
| <b>Complaint:</b> check and repair lights |   |          |            |                 |
| <b>Cause:</b> Customer request            |   |          |            |                 |
| Labor                                     | <b>Correction:</b><br>Electrical System / Lighting / Install new lights on top of cab<br>Check for power at front light that's not working<br>Replace dead light with new - Created: 11/1/2024 Completed: 11/1/2024 | 2.25000  | \$65.00    | \$146.25        |
| Parts                                     | LED FLOOD LIGHT 5" X 4.25"  | 3.00000  | \$35.82577 | \$107.48        |
| Parts                                     | 3/8 FLAT WASHER   | 2.00000  | \$0.09728  | \$0.19          |
| <b>Subtotal</b>                           |   |          |            | <b>\$253.92</b> |

**Complaint:** Machine needs ice lugs

**Cause:** Customer request

(Inspection)

|                 |   |          |          |                   |
|-----------------|---|----------|----------|-------------------|
| Labor           | <b>Correction:</b><br>Chassis / Chassis / ice lug machine - Created: 11/1/2024 Completed: 12/1/2024 | 10.75000 | \$100.00 | \$1,075.00        |
| <b>Subtotal</b> |   |          |          | <b>\$1,075.00</b> |

**Complaint:** Turn tracks for welder

**Cause:** Customer request

(Inspection)

|       |   |         |         |          |
|-------|---|---------|---------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Helped welder rotate tracks while he welded on ice lugs | 4.75000 | \$65.00 | \$308.75 |
|-------|---|---------|---------|----------|

Seth Jordan (2hrs) assisted welder spinning track Jan 11 2024

take unit off block and put outside  
 clean up bay - Kal - Created: 11/1/2024 Completed: 12/1/2024

| Item                                      | Description                      | Quantity | Rate                          | Amount                     |                   |
|---|----------------------------------|----------|-------------------------------|----------------------------|-------------------|
|   |                                  |          | <b>Subtotal</b>               | <b>\$308.75</b>            |                   |
| <b>Inspection</b>                         |                                  |          |                               |                            |                   |
| Labor                                     | Risk Assessment: Risk Assessment | 0.00000  |                               | \$0.00                     |                   |
|   |                                  |          | <b>Subtotal</b>               | <b>\$0.00</b>              |                   |
| <b>Unit: MD-15 VIN: KMTOD117K01001115</b> |                                  |          |                               | <b>Labor</b>               | <b>\$1,530.00</b> |
| 2011 Komatsu D65WX-17                     |                                  |          |                               | <b>Parts</b>               | <b>\$107.67</b>   |
| <b>Engine: 11,363 Hours</b>               |                                  |          |                               | <b>Shop Supplies</b>       | <b>\$76.50</b>    |
| <b>Trailer: 0 Miles</b>                   |                                  |          |                               | <b>Pre-Charge Subtotal</b> | <b>\$1,714.17</b> |
|   |                                  |          | <b>GST</b>                    | <b>\$85.71</b>             |                   |
|   |                                  |          | <b>(5% of \$1,714.17)</b>     |                            |                   |
|   |                                  |          | <b>Total</b>                  | <b>\$1,799.88</b>          |                   |
|   |                                  |          | <b>Payments &amp; Credits</b> | <b>\$0.00</b>              |                   |
|   |                                  |          | <b>Balance Due</b>            | <b>\$1,799.88</b>          |                   |

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

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_



**Martushev Logging**  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 joe@martushev.ca  
 SHOP

**DJ Mechanical**  
 Box 2586  
 Whitecourt, AB T7S 2A1, CA  
 darcy@djmechanical.net

**Risk Assessment**

**Completed Date:** 11/1/2024

**Unit:** MD-15 **VIN:** KMTOD117K01001115

**Year/Make/Model:** 2011 Komatsu D65WX-17

**Chassis Kilometres:** No recorded.

**Engine Hours:** 11,362 Hours (28/8/2023)

**Service Order:** SO-7949

**Chassis:** KMTOD117K01001115 2011 Komatsu D65WX-17

| <b>Procedure</b>  | <b>Result</b> |
|---|---------------|
| 1. Are tools, machines and equipment in good Repair?  | Satisfactory  |
| 2. Are machines guards in place and operating properly?                                     | Satisfactory  |
| 3. Are Fire alarms and Portable Extinguishers readily available?                            | Satisfactory  |
| 4. Is PPE available, properly maintained and properly used?                                 | Satisfactory  |
| 5. Are Emergency Exits clearly marked and accessible?                                       | Satisfactory  |
| 6. Is lighting Adequet?   | Satisfactory  |
| 7. Is area adequately ventilated?   | Satisfactory  |
| 8. Do Noise levels allow clear communication?   | Satisfactory  |
| 9. Are any live Electrical Wires exposed?   | Satisfactory  |
| 10. Do materials left on the floor present a tripping hazard?                               | Satisfactory  |
| 11. Are there any risks of injuries from machine parts or exposures?                        | Satisfactory  |
| 12. Are there any Procedures to Follow when Shutting down equipment?                        | Satisfactory  |
| 13. Are ALL employees aware of Storage, organization and placement of Parts, Tools, etc...? | Satisfactory  |
| 14. Are employees aware of hazards that may be created by the Job?                          | Satisfactory  |
| 15. Have obvious problems been immediately remedied?  | Satisfactory  |
| 16. Has Equipment that could help reduce hazards been identified?                           | Satisfactory  |
| 17. Have physical changes necessary to reduce hazards been completed?                       | Satisfactory  |

**Technician:** Daniel Bisson

**Digital Signature:** Daniel Bisson

**Date:** 11/1/2024

**URAL company LTD**  
GST # 852475110

**BOX 509**  
**Plamondon**  
**AB T0A 2T0**  
**780 520 7070**

Data: 9/20/2023

INVOICE # 1509

**INVOICE TO:**

**Martushev Logging LTD**  
**BOX 384**  
**Plamondon, AB**  
**T0A 2T0**

| Contact          |                                      | location    |        |           |                 |
|------------------|--------------------------------------|-------------|--------|-----------|-----------------|
| Ioasaf           |                                      | LLB airport |        |           |                 |
| Item             | Description                          | Hours       | Rate   | Serviced  | Amount          |
| 1                | Welding on Komatsu D65WX dozer blade | 2.5         | 140.00 | 9/18/2023 | 350.00          |
| <b>GST@5.0%</b>  |                                      |             |        |           | <b>17.50</b>    |
| <b>Total Tax</b> |                                      |             |        |           | <b>17.50</b>    |
| <b>Total</b>     |                                      |             |        |           | <b>\$367.50</b> |

Thank you for choosing URAL Company

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



**Invoice: INV-5068**  
**Date: 5/9/2023**

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date  | Authorizer | Customer PO | Unit # |
|---------------|--------|-----------|------------|-------------|--------|
| SO-6160       | Net 15 | 20/9/2023 | Joe        | FIELD/COLE  | MD-15  |

| Item              | Description                      | Quantity | Rate            | Amount         |
|-------------------|----------------------------------|----------|-----------------|----------------|
| <b>Inspection</b> |                                  |          |                 |                |
| Labor             | Risk Assessment: Risk Assessment | 0.25000  | \$110.00        | \$27.50        |
|                   |                                  |          | <b>Subtotal</b> | <b>\$27.50</b> |

**Complaint:** Trouble shoot codes

**Cause:** Customer request

|       |  |         |                 |                   |
|-------|--|---------|-----------------|-------------------|
| Labor | <b>Correction:</b><br>Engine / Electrical / Unit was throwing an LO3 code for short or open for cylinder number one injector. Wiggled whole injector harness and code would not go away. Checked resistance in injectors for number one and two. Number one had a way different reading then two. Started pulled valve cover but stopped so only one dozer was down on the site. Cleaned up tools. Came back to unit once two dozers were up and going. Removed necessary components to remove valve cover. Remove the valve cover. Found that the harness was loose on injector number one. Installed the harness and torqued the injector nuts to spec. Installed valve cover. The components removed for valve cover removal. Started unit. Cleared codes and everything was good. Cleaned up work area. - Created: 28/8/2023 Completed: 1/9/2023 | 9.25000 | \$110.00        | \$1,017.50        |
|       |  |         | <b>Subtotal</b> | <b>\$1,017.50</b> |

**Complaint:** Change ac compressor

**Cause:** Customer request

(Inspection)

|       |  |         |                 |                 |
|-------|--|---------|-----------------|-----------------|
| Labor | <b>Correction:</b><br>Chassis / Air Conditioning & Heating / Removed old compressor installed new one. Went to ethos to get ac orings. The dryer arrived so I installed the dryer and hooked gauges up. Orings on compressor were not sealing so found some in the truck and installed them. They sealed up. Put a vacuum on for 10 minutes. Vacuum held for 10 minutes while I looked up spec for refrigerant Capacity. Charge system with 1.8 pounds of refrigerant. AC system was blowing cold through the vents. Cleaned up work area. - Created: 1/9/2023 Completed: 4/9/2023 | 3.50000 | \$110.00        | \$385.00        |
| Parts | R-134A Freon   | 1.80000 | \$23.10876      | \$41.60         |
|       |  |         | <b>Subtotal</b> | <b>\$426.60</b> |

Unit: MD-15 VIN: KMTOD117K01001115  
2011 Komatsu D65WX-17  
Engine: 11,362 Hours  
Trailer: 0 Miles

|                                  |                   |
|----------------------------------|-------------------|
| <b>Labor</b>                     | <b>\$1,430.00</b> |
| <b>Parts</b>                     | <b>\$41.60</b>    |
| <b>Shop Supplies</b>             | <b>\$35.75</b>    |
| <b>Pre-Charge Subtotal</b>       | <b>\$1,507.35</b> |
| <b>GST</b><br>(5% of \$1,507.35) | <b>\$75.37</b>    |
| <b>Total</b>                     | <b>\$1,582.72</b> |
| <b>Payments &amp; Credits</b>    | <b>\$0.00</b>     |
| <b>Balance Due</b>               | <b>\$1,582.72</b> |

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: \_\_\_\_\_



# SERVICE INVOICE

SMS EQUIPMENT INC.  
 16116 - 111 AVENUE  
 EDMONTON AB T5M 2S1  
 TEL: +1-780-451-2630  
 SMS CONTACT: JORDAN MORRIS

INVOICE # : SSI/70386471  
 INVOICE DATE : 2023-Sep-07  
 CUSTOMER PO : PAT 780-381-7887 1115  
 ORDER # : WO2983328  
 ORDER DATE : 2023-Jul-10  
 SHIP DATE : Not applicable  
 PAYMENT TERMS : NET 30 DAYS  
 DELIVERY TERMS : Not applicable

**BILL TO:**  
 MARTUSHEV LOGGING LTD.  
 #205, 10458 MAYFIELD ROAD  
 EDMONTON AB T5P 4P4

**WORK SITE:**  
 SMS EQUIPMENT INC.  
 16116 - 111 AVENUE  
 EDMONTON AB T5M 2S1

|                            |                          |
|----------------------------|--------------------------|
| Manufacturer : KOMATSU     | Customer Unit No : MD-15 |
| Model : D65WX-17           | Meter Reading : 11310.18 |
| Serial Number : 1115       | SMS Unit No : MD0007193  |
| Service Rep : AMANDA RYDER |                          |

**SEGMENT 1: TRAVEL**

|       | DESCRIPTION      | QUANTITY | UNIT PRICE | CORE CHARGE | DISCOUNT | NET AMT  |
|-------|------------------|----------|------------|-------------|----------|----------|
| LABOR |                  |          |            |             |          | 598.50   |
| MISC. | FUEL SURCHARGE   | 610.00   | 0.19       |             | 0.00     | 115.90   |
|       | FEE              |          |            |             |          |          |
| MISC. | KILOMETER CHARGE | 610.00   | 1.90       |             | 0.00     | 1,159.00 |
| MISC. | LODGING          | 1.00     | 200.00     |             | 0.00     | 200.00   |
| MISC. | MEALS            | 2.00     | 25.00      |             | 0.00     | 50.00    |

**SEGMENT 1 TOTAL:**

|                       |              |                |               |                |
|-----------------------|--------------|----------------|---------------|----------------|
| PARTS 0.00            | LABOR 598.50 | MISC. 1,524.90 | DISCOUNT 0.00 | TOTAL 2,123.40 |
| (EXCLUDING ENV. LEVY) |              | ENV. LEVY 0.00 |               |                |

**SEGMENT 2: HARD STARTING**

2023/07/14  
 Pick up parts in Slave Lake  
 Get to site go over job with foreman, complaint unit is hard to start.  
 Last tech broke the fuel return line at pump.  
 Remove old line and install a hose.  
 R&I the suction screen at the fuel tank it was very dirty, cleaned and installed  
 Install test fittings and gauge, check fuel pressure. Have 40psi cranking.  
 Also had up rail pressure is very low.  
 Remove a/c bracket and install test fitting check injector return.  
 There shouldn't be anything have about 1/2 cup  
 Remove fittings and gauges, clean up called Joe go over job.

Estimate was given to the customer.

|       | DESCRIPTION          | QUANTITY | UNIT PRICE | CORE CHARGE | DISCOUNT | NET AMT |
|-------|----------------------|----------|------------|-------------|----------|---------|
| LABOR |                      |          |            |             |          | 963.00  |
| MISC. | SHOP SUPPLIES        | 1.00     | 67.41      |             | 0.00     | 67.41   |
| MISC. | ENVIRONMENTAL CHARGE | 1.00     | 28.89      |             | 0.00     | 28.89   |

**SEGMENT 2 TOTAL:**

|                       |              |                |               |                |
|-----------------------|--------------|----------------|---------------|----------------|
| PARTS 0.00            | LABOR 963.00 | MISC. 96.30    | DISCOUNT 0.00 | TOTAL 1,059.30 |
| (EXCLUDING ENV. LEVY) |              | ENV. LEVY 0.00 |               |                |

GST/TPS 89548 3022



# SERVICE INVOICE

SMS EQUIPMENT INC.  
 16116 - 111 AVENUE  
 EDMONTON AB T5M 2S1  
 TEL: +1-780-451-2630  
 SMS CONTACT: JORDAN MORRIS

INVOICE # : SSI/70386471  
 INVOICE DATE : 2023-Sep-07  
 CUSTOMER PO : PAT 780-381-7887 1115  
 ORDER # : WO2983328  
 ORDER DATE : 2023-Jul-10  
 SHIP DATE : Not applicable  
 PAYMENT TERMS : NET 30 DAYS  
 DELIVERY TERMS : Not applicable

THANK YOU FOR YOUR BUSINESS!

**REMIT PAYMENT TO:**

VIA REGULAR MAIL:                    or

VIA COURIER:

Indicate this address on the waybill

SMS EQUIPMENT INC.  
 C/O CX2572C (CAD PAYMENT)  
 OR CX2572U (USD PAYMENT)  
 PO BOX 2591  
 CALGARY, AB T2P 0A3

SYMCOR WHOLESALE LOCKBOX  
 C/O CIBC LOCKBOX -  
 C/O CX2572C (CAD PAYMENT)  
 OR CX2572U (USD PAYMENT)  
 SMS EQUIPMENT INC.  
 3663 63RD AVE NE  
 CALGARY, AB T3J 0G6

|                              |                 |
|------------------------------|-----------------|
| PARTS (EXCLUDING ENV. LEVY): | 0.00            |
| LABOR:                       | 1,561.50        |
| MISC.:                       | 1,621.20        |
| DISCOUNT:                    | (0.00)          |
| ENVIRONMENTAL LEVY:          |                 |
| SUBTOTAL:                    | 3,182.70        |
| GST/TPS                      | 159.14          |
| <b>TOTAL (CAD)</b>           | <b>3,341.84</b> |

**Ethos Mechanical Inc.**  
 Site 645 Comp 18 RR 2  
 Lac La Biche, AB T0A 2C2, CA  
 ethosmechanical@yahoo.ca  
 (780) 798-2691

**Invoice: 11871**  
**Date: 8/31/2023**

**Bill To**  
 MARTUSHEV LOGGING INC.  
 10458 Mayfeild Road  
 suite 205  
 Plamondon, AB T5P4P4, CA  
 P: 780-212-0898

**Remit Payment To**  
 Site 645 Comp 18 RR 2  
 Site 645 Comp 18 RR 2  
 Lac La Biche, AB T0A 2C2, CA

| Service Order | Terms  | Due Date  | Authorizer | Customer PO | Unit # |
|---------------|--------|-----------|------------|-------------|--------|
| 4610          | Net 30 | 9/30/2023 |            | 3083180     | MD-15  |

| Item  | Description  | Quantity | Rate      | Amount          |
|---|--|----------|-----------|-----------------|
| <b>Complaint: SERVICE CALL REQUEST AC INOPERATIVE</b> |  |          |           |                 |
| <b>Cause: AC BLOWING HOT AIR</b>                      |  |          |           |                 |
| Labor   | <b>Correction:</b><br>A/C Cooling System / Fan / HOOKED UP MACHINE<br>-RECOVERED SYSTEM<br>-PULLED VACUME AND TEST<br>-FOUND CHARGE SPECS<br>-CHARGED SYSTEM 2.2 POUNDS AND 1 OUNCE OIL<br>-FIRED UP AND TEST AC<br>-CONTINUED TO BLOW HOT AIR<br>-INSPECTED COMPRESSOR WAS SPINNING BUT NOT TURNING OFF<br>-UNPLUGGED COMPRESSOR CONTINUED TO SPIN<br>-PUT MANUAL GUAGES ON AC<br>-COMPRESSOR WAS BURNT OUT NO PRESSURE WHEN SPINNING<br>-INFORMED SITE FORMAN ON PARTS NEEDED - Completed: 8/30/2023 | 2.00000  | \$130.00  | \$260.00        |
| Parts   | R134A REFRIGERANT  | 35.00000 | \$3.33    | \$116.55        |
| Parts   | PAG OIL per OZ 100 VIS   | 1.00000  | \$1.87037 | \$1.87          |
| <b>Subtotal</b>                                       |  |          |           | <b>\$378.42</b> |
|   | FUEL SURCHARGE   | 1.00     | \$26.00   | \$26.00         |

Unit: MD-15 (DOZER) VIN: 1115  
KOMATSU D65WX-17  
Chassis: 11,380.90 Kilometers  
Trailer: 0 Miles

|                                       |                 |
|---------------------------------------|-----------------|
| Labor                                 | \$260.00        |
| Parts                                 | \$118.42        |
| Shop Supplies                         | \$22.88         |
| <b>Pre-Charge Subtotal</b>            | <b>\$401.30</b> |
| <b>FUEL SURCHARGE</b>                 | <b>\$26.00</b>  |
| <b>GST</b><br><b>(5% of \$427.30)</b> | <b>\$21.37</b>  |
| <b>Total</b>                          | <b>\$448.67</b> |
| <b>Payments &amp; Credits</b>         | <b>\$0.00</b>   |
| <b>Balance Due</b>                    | <b>\$448.67</b> |

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.

GST 828137562RT0001

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

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

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



**Invoice:** INV-4699  
**Date:** 21/8/2023

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date | Authorizer | Customer PO  | Unit # |
|---------------|--------|----------|------------|--------------|--------|
| SO-5773       | Net 15 | 5/9/2023 | Joe        | FIELD/TURNER | MD-15  |

| Item | Description | Quantity | Rate | Amount |
|------|-------------|----------|------|--------|
|------|-------------|----------|------|--------|

**Complaint:** Go Thue unit  
**Cause:** Customer request

|       |  |         |          |          |
|-------|--|---------|----------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Check over unit for deficiencies remove and patch oil dipstick, repaired guards and installed hardware, - Created: 3/8/2023<br>Completed: 18/8/2023 - Assigned tech(s): Turner Gowen | 3.50000 | \$110.00 | \$385.00 |
|-------|--|---------|----------|----------|

**Subtotal** \$385.00

**Complaint:** Install ac belt  
**Cause:** Customer request  
 (Inspection)

|       |   |         |          |          |
|-------|---|---------|----------|----------|
| Labor | <b>Correction:</b><br>A/C Cooling System / Fan / Installed ac belt, charged ac system tested for no power to clutch, troubleshot using schematic and multimeter and found broken wire ... repaired and tested - Created: 3/8/2023 Completed: 18/8/2023 - Assigned tech(s): Turner Gowen | 4.25000 | \$110.00 | \$467.50 |
|-------|---|---------|----------|----------|

**Subtotal** \$467.50

**Complaint:** Flip cutting edge and change corner bits  
**Cause:** Customer request  
 (Inspection)

|       |   |         |          |          |
|-------|---|---------|----------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Removed old edges, cleaned up surfaces and flipped edges around, installed new hardware, ( 1.5 hrs to service ) - Created: 3/8/2023 Completed: 18/8/2023 - Assigned tech(s): Turner Gowen | 1.60000 | \$110.00 | \$176.00 |
|-------|---|---------|----------|----------|

**Subtotal** \$176.00

| Item   | Description   | Quantity | Rate            | Amount                        |            |
|--|---|----------|-----------------|-------------------------------|------------|
| <b>Complaint:</b> Service unit                   |   |          |                 |                               |            |
| <b>Cause:</b> Customer request                   |   |          |                 |                               |            |
| (Inspection)                                     |   |          |                 |                               |            |
| Labor  | <b>Correction:</b><br>Engine / Filters / Changed oil and filter, replaced fuel filters and air filter, aswell as hydraulic filters, greased machine and cleaned up - Created: 3/8/2023<br>Completed: 18/8/2023 - Assigned tech(s): Turner Gowen   | 2.40000  | \$110.00        | \$264.00                      |            |
|  |   |          | <b>Subtotal</b> | \$264.00                      |            |
| <b>Complaint:</b> Troubleshoot hvac              |   |          |                 |                               |            |
| <b>Cause:</b> Customer request                   |   |          |                 |                               |            |
| (Inspection)                                     |   |          |                 |                               |            |
| Labor  | <b>Correction:</b><br>A/C Cooling System / Fan / Removed seat and all panels to gain access to HVAC system, tested for proper operation of blower motor and door actuators, drained coolant system and discharged ac system, removed hvac assembly and disassembled, found that the ac evaporator was plugged completely solid, removed it from assembly and cleaned thoroughly, reinstalled HVAC system back into unit, refilled coolant system, tested for proper operation and reinstalled all piping and guards back into cab, reinstalled seat - Created: 3/8/2023 Completed: 18/8/2023 - Assigned tech(s): Turner Gowen | 13.50000 | \$110.00        | \$1,485.00                    |            |
|  |   |          | <b>Subtotal</b> | \$1,485.00                    |            |
| <b>Complaint:</b> Replace dipstick tube          |   |          |                 |                               |            |
| <b>Cause:</b> Customer request                   |   |          |                 |                               |            |
| (Inspection)                                     |   |          |                 |                               |            |
| Labor  | <b>Correction:</b><br>Engine / Lubrication / Fabricated tool out of miscellaneous material in truck to remove broken fitting from engine block for the dipstick tube, after numerous ideas and attempts, finally succeeded, installed new dipstick assembly - Created: 11/8/2023 Completed: 18/8/2023 - Assigned tech(s): Turner Gowen  | 5.00000  | \$110.00        | \$550.00                      |            |
|  |   |          | <b>Subtotal</b> | \$550.00                      |            |
| <b>Unit:</b> MD-15 <b>VIN:</b> KMTOD117K01001115 |   |          |                 | <b>Labor</b>                  | \$3,327.50 |
| 2011 Komatsu D65WX-17                            |   |          |                 | <b>Shop Supplies</b>          | \$83.19    |
| <b>Engine:</b> 13,310 Hours                      |   |          |                 | <b>Pre-Charge Subtotal</b>    | \$3,410.69 |
| <b>Trailer:</b> 0 Miles                          |   |          |                 | <b>GST</b>                    | \$170.53   |
|  |   |          |                 | <b>(5% of \$3,410.69)</b>     |            |
|  |   |          |                 | <b>Total</b>                  | \$3,581.22 |
|  |   |          |                 | <b>Payments &amp; Credits</b> | \$0.00     |
|  |   |          |                 | <b>Balance Due</b>            | \$3,581.22 |

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

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



Invoice: INV-4553  
 Date: 8/8/2023

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date  | Authorizer | Customer PO | Unit # |
|---------------|--------|-----------|------------|-------------|--------|
| SO-5647       | Net 15 | 23/8/2023 |            | FIELD/KYLE  | MD-15  |

| Item                 | Description   | Quantity | Rate            | Amount          |
|----------------------|---|----------|-----------------|-----------------|
| <b>Drive to unit</b> |   |          |                 |                 |
| Labor                | Drive to unit (Service Call)<br>AB-55, Atmore, AB, Canada - Assigned tech(s): Kyle Corrigan | 1.50000  | \$110.00        | \$165.00        |
|                      |   |          | <b>Subtotal</b> | <b>\$165.00</b> |

**Complaint:** Replace injectors  
**Cause:** Customer request

|       |   |         |          |          |
|-------|---|---------|----------|----------|
| Labor | <b>Correction:</b><br>Engine / Fuel / Cleaned out injector holes and cylinders<br><br>Lubricated injector o rings and installed<br>Lubricated quill tube orings and installed<br>Followed torque procedure for injector and tubes<br><br>Cleaned overhead and reinstalled exhaust rockers<br><br>Set overhead intake .015 exhaust .025<br><br>Reinstalled valve cover - Assigned tech(s): Kyle Corrigan | 7.00000 | \$110.00 | \$770.00 |
|-------|---|---------|----------|----------|

| Item                                      | Description  | Quantity | Rate                          | Amount                     |                   |
|---|--|----------|-------------------------------|----------------------------|-------------------|
|   | Reinstalled all harnesses and coolant hoses<br>Installed exhaust and hood with intake  |          |                               |                            |                   |
|   | Primed fuel system   |          |                               |                            |                   |
|   | Reinstalled AC compressor  |          |                               |                            |                   |
|   | Refilled coolant   |          |                               |                            |                   |
|   | Started unit to verify repairs. Unit started properly but right as started noticed dipstick tube was spraying oil out of the base and had to shut unit down, could not run to verify due to engine oil leak. - Created: 25/7/2023 Completed: 26/7/2023 |          |                               |                            |                   |
|   |  |          | <b>Subtotal</b>               | <b>\$770.00</b>            |                   |
| <b>Return from unit</b>                   |  |          |                               |                            |                   |
| Labor                                     | Return from unit<br>AB-55, Atmore, AB, Canada - Assigned tech(s): Kyle Corrigan  | 1.50000  | \$110.00                      | \$165.00                   |                   |
|   |  |          | <b>Subtotal</b>               | <b>\$165.00</b>            |                   |
| <b>Unit: MD-15 VIN: KMTOD117K01001115</b> |  |          |                               | <b>Labor</b>               | <b>\$1,100.00</b> |
| 2011 Komatsu D65WX-17                     |  |          |                               | <b>Shop Supplies</b>       | <b>\$27.50</b>    |
| <b>Engine: 13,310 Hours</b>               |  |          |                               | <b>Pre-Charge Subtotal</b> | <b>\$1,127.50</b> |
| <b>Trailer: 0 Miles</b>                   |  |          |                               | <b>GST</b>                 | <b>\$56.38</b>    |
|   |  |          | <b>(5% of \$1,127.50)</b>     |                            |                   |
|   |  |          | <b>Total</b>                  | <b>\$1,183.88</b>          |                   |
|   |  |          | <b>Payments &amp; Credits</b> | <b>\$0.00</b>              |                   |
|   |  |          | <b>Balance Due</b>            | <b>\$1,183.88</b>          |                   |

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: \_\_\_\_\_

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



**Invoice:** INV-4471  
**Date:** 25/7/2023

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date | Authorizer | Customer PO    | Unit # |
|---------------|--------|----------|------------|----------------|--------|
| SO-5580       | Net 15 | 9/8/2023 | Pat Leroux | PLOMONDON SHOP | MD-15  |

| Item                 | Description  | Quantity | Rate     | Amount          |
|----------------------|--|----------|----------|-----------------|
| <b>Drive to unit</b> |  |          |          |                 |
| Labor                | Drive to unit (Service Call)<br>AB-855, Atmore, AB, Canada - Assigned tech(s): Kyle Corrigan | 3.50000  | \$110.00 | \$385.00        |
| <b>Subtotal</b>      |  |          |          | <b>\$385.00</b> |

**Complaint:** Replace injectors  
**Cause:** Customer request

|       |   |         |          |          |
|-------|---|---------|----------|----------|
| Labor | <p><b>Correction:</b><br/>                     Engine / Fuel / Removed hood, dpf and air cleaner</p> <p>Removed all brackets over engine</p> <p>Tried to blow off engine but sand was wet and packed, took vacuum and screw driver to clean engine</p> <p>Removed valve cover and rocker box to gain access to remove intake elbow</p> <p>Removed intake</p> <p>Cleaned out intake and tight areas - Assigned tech(s): Kyle Corrigan<br/>                     Removed injector quill tubes</p> <p>Found 3/4 quill tubes siezed to nut</p> <p>Found injector lines pitted and would not reseal if reused</p> <p>Removed injectors</p> <p>Found all injectors looked fairly new, #5 hold down bolts were not very tight and injector came out easily.</p> | 6.50000 | \$110.00 | \$715.00 |
|-------|---|---------|----------|----------|

| Item                                      | Description   | Quantity | Rate            | Amount                        |            |
|---|---|----------|-----------------|-------------------------------|------------|
|   | Cleaned injectors and tubes, took pictures of issues found.   |          |                 |                               |            |
|   | Covered engine and left unit to be cleaned in assembly due to rain and not wanting rust. - Completed: 23/7/2023 |          |                 |                               |            |
|   |   |          | <b>Subtotal</b> | \$715.00                      |            |
| <b>Return from unit</b>                   |   |          |                 |                               |            |
| Labor                                     | Return from unit<br>AB-855, Atmore, AB, Canada - Assigned tech(s): Kyle Corrigan                                | 3.50000  | \$110.00        | \$385.00                      |            |
|   |   |          | <b>Subtotal</b> | \$385.00                      |            |
| <b>Unit: MD-15 VIN: KMTOD117K01001115</b> |   |          |                 | <b>Labor</b>                  | \$1,485.00 |
| 2011 Komatsu D65WX-17                     |   |          |                 | <b>Shop Supplies</b>          | \$37.13    |
| Engine: 9,058 Hours                       |   |          |                 | <b>Pre-Charge Subtotal</b>    | \$1,522.13 |
| Trailer: 0 Miles                          |   |          |                 | <b>GST</b>                    | \$76.11    |
|   |   |          |                 | (5% of \$1,522.13)            |            |
|   |   |          |                 | <b>Total</b>                  | \$1,598.24 |
|   |   |          |                 | <b>Payments &amp; Credits</b> | \$0.00     |
|   |   |          |                 | <b>Balance Due</b>            | \$1,598.24 |

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: \_\_\_\_\_

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



**Invoice:** INV-4113  
**Date:** 27/6/2023

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date  | Authorizer | Customer PO          | Unit # |
|---------------|--------|-----------|------------|----------------------|--------|
| SO-5266       | Net 15 | 12/7/2023 | Pat Leroux | ATHABASCA/IGOR/HAZEN | MD-15  |

| Item | Description | Quantity | Rate | Amount |
|------|-------------|----------|------|--------|
|------|-------------|----------|------|--------|

**Complaint:** Troubleshoot starting issue

**Cause:** Customer request

|       |  |         |         |          |
|-------|--|---------|---------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Troubleshoot starting issue. Found lots of fuel from primer pump, but losing pressure in gear pump. - Completed: 27/6/2023 - Assigned tech(s): Hazen Blacklock | 2.50000 | \$70.00 | \$175.00 |
|-------|--|---------|---------|----------|

**Subtotal** \$175.00

**Complaint:** Travel to Janvier and Fort Mac

**Cause:** Customer request

(Inspection)

|       |  |         |         |          |
|-------|--|---------|---------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Received call from Jason to go to Janvier to unload truck delivering product. Went to Fort Mac to pick up parts for dozer and supplies from Red L - Completed: 27/6/2023 - Assigned tech(s): Hazen Blacklock | 9.50000 | \$70.00 | \$665.00 |
|-------|--|---------|---------|----------|

**Subtotal** \$665.00

**Unit:** MD-15 **VIN:** KMTOD117K01001115  
 2011 Komatsu D65WX-17  
**Engine:** 9,058 Hours  
**Trailer:** 0 Miles

|                                |          |
|--------------------------------|----------|
| <b>Labor</b>                   | \$840.00 |
| <b>Shop Supplies</b>           | \$21.00  |
| <b>Pre-Charge Subtotal</b>     | \$861.00 |
| <b>GST</b><br>(5% of \$861.00) | \$43.05  |
| <b>Total</b>                   | \$904.05 |
| <b>Payments &amp; Credits</b>  | \$0.00   |
| <b>Balance Due</b>             | \$904.05 |

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



**Invoice:** INV-3875  
**Date:** 14/6/2023

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date  | Authorizer | Customer PO               | Unit # |
|---------------|--------|-----------|------------|---------------------------|--------|
| SO-4880       | Net 15 | 29/6/2023 |            | PLOMONDON SHOP/MANUEL/TUR | MD-15  |

| Item | Description | Quantity | Rate | Amount |
|------|-------------|----------|------|--------|
|------|-------------|----------|------|--------|

**Complaint:** Troubleshoot no start

**Cause:** Customer request

|       |  |         |          |          |
|-------|--|---------|----------|----------|
| Labor | <b>Correction:</b><br>Engine / Fuel / Got to unit and tried boosting unit with booster packs with no dice, ordered 2 new batteries, on way back home installed the 2 new batteries and troubleshoot fuel system, removed lines coming from tank and had good fuel flow, removed lines coming out of low pressure fuel pump and noticed nothing more than a trickle coming out of it and no difference in noise, ( made the call that the pump is no good) - Completed: 5/6/2023 - Assigned tech(s): Turner Gowen | 3.00000 | \$110.00 | \$330.00 |
|-------|--|---------|----------|----------|

**Subtotal** \$330.00

**Unit:** MD-15 **VIN:** KMTOD117K01001115  
 2011 Komatsu D65WX-17  
**Engine:** 9,058 Hours  
**Trailer:** 0 Miles

|                                     |          |
|-------------------------------------|----------|
| <b>Labor</b>                        | \$330.00 |
| <b>Shop Supplies</b>                | \$8.25   |
| <b>Pre-Charge Subtotal</b>          | \$338.25 |
| <b>GST</b><br>(5.0000% of \$338.25) | \$16.91  |
| <b>Total</b>                        | \$355.16 |
| <b>Payments &amp; Credits</b>       | \$0.00   |
| <b>Balance Due</b>                  | \$355.16 |

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

**DJ Mechanical**  
 Box 2586  
 Whitecourt, AB T7S 2A1, CA  
 darcy@djmechanical.net  
 (780) 779-1707



**Invoice:** 3055  
**Date:** 18/4/2023

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date | Authorizer | Customer PO        | Unit # |
|---------------|--------|----------|------------|--------------------|--------|
| 4173          | Net 15 | 3/5/2023 |            | ALPAC/MANUEL/HAZEN | MD-15  |

| Item                                   | Description  | Quantity | Rate            | Amount   |
|--|--|----------|-----------------|----------|
| <b>Complaint:</b> Alarm going off      |  |          |                 |          |
| <b>Cause:</b> Customer request         |  |          |                 |          |
| Labor                                  | <b>Correction:</b><br>Chassis / Chassis / low rail pressure code, antifreeze leak, changed filters, found pickup fuel pump failed. -Hazen Blacklock Alarm going off - Completed: 17/4/2023 | 2.50000  | \$70.00         | \$175.00 |
|  |  |          | <b>Subtotal</b> | \$175.00 |
| <b>Complaint:</b> Standby              |  |          |                 |          |
| <b>Cause:</b> Customer request         |  |          |                 |          |
| (Inspection)                           |  |          |                 |          |
| Labor                                  | Chassis / Chassis / Standby - Completed: 17/4/2023   | 4.50000  | \$70.00         | \$315.00 |
|  |  |          | <b>Subtotal</b> | \$315.00 |
| <b>Complaint:</b> Road needs scrapping |  |          |                 |          |
| <b>Cause:</b> Customer request         |  |          |                 |          |
| (Inspection)                           |  |          |                 |          |
| Labor                                  | <b>Correction:</b><br>Chassis / Chassis / Ran dozer repairing road -Hazen Blacklock - Completed: 17/4/2023   | 5.00000  | \$70.00         | \$350.00 |
|  |  |          | <b>Subtotal</b> | \$350.00 |
| <b>Complaint:</b> Travel               |  |          |                 |          |
| <b>Cause:</b> Customer request         |  |          |                 |          |
| (Inspection)                           |  |          |                 |          |

| Item  | Description  | Quantity | Rate            | Amount   |
|-------|--|----------|-----------------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Travel to and from site -Hazen Blacklock - Completed:<br>17/4/2023 | 1.50000  | \$70.00         | \$105.00 |
|       |  |          | <b>Subtotal</b> | \$105.00 |

**Complaint:** Troubleshoot no start

**Cause:** Customer request

(Inspection)

|       |  |         |                 |          |
|-------|--|---------|-----------------|----------|
| Labor | <b>Correction:</b><br>Chassis / Chassis / Install pickup fuel pup and blew out radiator -Hazen<br>Blacklock - Completed: 17/4/2023 | 4.00000 | \$70.00         | \$280.00 |
|       |  |         | <b>Subtotal</b> | \$280.00 |

**Unit:** MD-15 **VIN:** KMTOD117K01001115  
2011 Komatsu D65WX-17  
**Engine:** 9,058 Hours  
**Trailer:** 0 Miles

|                                       |            |
|---------------------------------------|------------|
| <b>Labor</b>                          | \$1,225.00 |
| <b>Shop Supplies</b>                  | \$30.63    |
| <b>Pre-Charge Subtotal</b>            | \$1,255.63 |
| <b>GST</b><br>(5.0000% of \$1,255.63) | \$62.78    |
| <b>Total</b>                          | \$1,318.41 |
| <b>Payments &amp; Credits</b>         | \$0.00     |
| <b>Balance Due</b>                    | \$1,318.41 |

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

**Printed Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**DJ Mechanical**  
 Box 2586  
 Whitecourt, AB T7S 2A1, CA  
 darcy@djmechanical.net  
 (780) 779-1707

*DJ Mechanical*  
 (780) 779-7088

**Invoice:** 2696  
**Date:** 20/3/2023

**Bill To**  
 Martushev Logging  
 205-10458 Mayfield Road Northwest  
 Edmonton, AB T5P 4P4, CA  
 P: (780) 212 0898

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

| Service Order | Terms  | Due Date  | Authorizer | Customer PO | Unit # |
|---------------|--------|-----------|------------|-------------|--------|
| 3792          | Net 30 | 19/4/2023 | Joe        |             | MD-15  |

| Item | Description | Quantity | Rate | Amount |
|------|-------------|----------|------|--------|
|------|-------------|----------|------|--------|

**Complaint:** Troubleshoot starting malfunction

**Cause:** Customer request

|       |   |         |         |          |
|-------|---|---------|---------|----------|
| Labor | <b>Correction:</b><br>Engine / Starting & Charging / Checked out dozer for starting problem. Hazen Blacklock - Completed: 18/3/2023 | 3.00000 | \$70.00 | \$210.00 |
|-------|---|---------|---------|----------|

**Subtotal** \$210.00

**Unit:** MD-15 **VIN:** KMTOD117K01001115  
 2011 Komatsu D65WX-17  
**Engine:** 9,058 Hours  
**Trailer:** 0 Miles

**Labor** \$210.00

**Shop Supplies** \$5.25

**Pre-Charge Subtotal** \$215.25

**GST** \$10.76  
 (5.0000% of \$215.25)

**Total** \$226.01

**Payments & Credits** \$0.00

**Balance Due** \$226.01

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