



**Remit Payment To**  
**2300 Cassens Drive**  
**Fenton, MO 63026-2503**

<b>INVOICE NO</b> SWO032126-1	<b>INVOICE DATE</b> 05/31/2023
<b>PAYMENT TERMS</b> CASH ON DELIVERY	

LUBY EQUIPMENT  
 4375 CAMP BUTLER ROAD  
 SPRINGFIELD IL 62707

<b>CUSTOMER NO</b> BP0015729
<b>CUSTOMER PO</b> TOM

**SERVICE INVOICE  
 REPRINT**

**INVOICE TO:**  
 TOM DEVORE  
 1834 RENO ROAD  
 SORENTO IL 62086

**WORK SITE:**  
 TOM DEVORE  
 1834 RENO ROAD  
 SORENTO IL 62086

**SALESMAN** : Campbell, Andrew

**SERVICE ORDER** : SWO032126

**CONTACT** :

**REF** :

**FECON MODEL:FTX150-2 CUST UNIT: UNIT:**  
**METER : 0**

**SEGMENT : 1 MULCHING HEAD HAS BAD VIBRATION FIELD REPAIR**

**SEGMENT TYPE** : Chargeable

**FECON MODEL:FTX150-2 CUST UNIT: UNIT:**

**WORK SITE:** TOM DEVORE 1834 RENO ROAD SORENTO IL 62086

**METER : 0** **LOCATION :**

**WORK DESCRIPTION:**  
 CUSTOMER WANTS HEAD REBALANCED AND CHECKED OVER. BAD VIBRATION

**CAUSE:**  
 TOM 618-223-0737

1834 RENO ROAD  
 SORENTO, IL 62086

CUSTOMER APPROVED ALL PARTS AND REPAIRS.

**CORRECTION:**  
 05/19/2023 12:35 PM Charles J Barekman  
 Went to customer location, Checked over head and found very bad vibration while running, found 8 weights bigger than brake pads on drum, used torch and cut off all weights on the drum, operated and found vibration got worse, removed side panels and top panels to inspect head, found while rotating drum on head the pulleys are not straight indicating the previous owner hit something and bent the drum, this drum will not be able to be balanced, got with parts and worked up quote, returned to shop.  
 Customer approved repairs and ordered all parts.  
 Loaded all parts into service truck and arrived at customers location. Started disassembling old mulching head. Removed covers, belts, pulleys, bearings, dust shields and drum assembly. Inspected head for damage once all pieces were removed. Found no excess damage and cleaned attachment as much as i could for reinstall. Used truck crane to lift new drum assembly out of bed and placed to inspect for any further assembly. Positioned drum for install and installed drum into head. Positioned and installed new bearings and dust shields. Tightened bearings and greased as needed. inspected free spin on drum and found it spins freely and evenly. Tightened down all hardware and installed new pulleys, covers, and accessories. Went to install old belts and found heavily worn and cracking. Notified customer and was informed they had correct set of belts to install. Installed customer supplied belts and adjusted. Inspected head for any missing pieces and hooked hydraulic lines back to machine. Ran machine and attachment. Inspected and set pressures to head and set rpm. Checked balance of head and found to be set perfect and within spec. Ran machine up to temp and inspected pumps for any damage or uneven flows. All is ok with attachment. Inspected tightness on all teeth after initial start up and made sure all were torqued to spec. Checked oil level in machine, tightened pressure caps on attachment from adjustments. All is ok. Per customer, wants teeth removed from old drum. Will return to shop with old drum assembly to remove teeth and hardware and UPS to customer when complete. All is ok at this time. Called customer and informed of job complete.

ITEM/LOT ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
005-99-006	HDT WEIGHT KIT - MOBILE BALANC	1.00	101.75	0.00	101.75
005-99-007	FGT WEIGHT KIT	1.00	105.83	0.00	105.83
BH040-02D	FIXED ROTOR BRG ASM STUB ROTOR	1.00	759.18	0.00	759.18



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ITEM/LOT ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
BH040-01D	FLOATING ROTOR BRG ASM STUB RH	1.00	727.98	0.00	727.98
BH087	BUSHING TL 3020 2.5"	2.00	68.99	0.00	137.98
074-14-100	DIRT GUARDS	2.00	109.65	0.00	219.30
085-10-401	ROTOR ASM, BH85SS FGT	1.00	9,518.00	0.00	9,518.00
	FREIGHT	1.00	350.00		350.00
	SHOP SUPPLIES	1.00	50.00		50.00
	ENVIRONMENTAL	1.00	9.00		9.00
LABOR					3,217.50

**SEGMENT 1 TOTAL:**

11,570.02 PARTS      3,217.50 LABOR      409.00 MISC.      842.45 TAX      16,038.97 TOTAL

**SEGMENT : 2 CHECK A/C FIELD REPAIR**

**SEGMENT TYPE :** Chargeable

FECON MODEL:FTX150-2 CUST UNIT: UNIT:

**WORK SITE:** TOM DEVORE 1834 RENO ROAD SORENTO IL 62086

**METER :** 0

**LOCATION :**

**WORK DESCRIPTION:**

CUSTOMER IS HAVING ISSUES WITH A/C SYSTEM. INSPECT AND DIAG.

**CORRECTION:**

05/19/2023 12:32 PM Charles J Barekman

Operated machine and found that air is blowing out of vents hot like the heat is on, found no heat controls on hvac system, checked over coolant hoses and found manual shut off valves, shut off coolant to heater core as that is the only way to shut off the heat on this machine and operated, found ac is blowing cold and pressures are in spec, ordered new cab a/c filter since old one is heavily dirty. Replaced a/c cab filter when parts showed up and flow in cab is much better. All is ok at this time.

ITEM/LOT ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
FTX12641	FOAM RECIRC FILTER	1.00	40.15	0.00	40.15
LABOR					247.50

**SEGMENT 2 TOTAL:**

40.15 PARTS      247.50 LABOR      0.00 MISC.      2.91 TAX      290.56 TOTAL

**SEGMENT : 3 FUEL GAUGE NOT WORKING FIELD REPAIR**

**SEGMENT TYPE :** Chargeable

FECON MODEL:FTX150-2 CUST UNIT: UNIT:

**WORK SITE:** TOM DEVORE 1834 RENO ROAD SORENTO IL 62086

**METER :** 0

**LOCATION :**

**WORK DESCRIPTION:**

CUSTOMER STATES FUEL GAUGE IS INOP.

**CORRECTION:**

05/19/2023 12:31 PM Charles J Barekman



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Checked over wiring and found no issues, found tank is full, disconnected fuel tank sensor, found 5 volt supply to sensor but sensor is internally failed, got with parts and quoted.

Customer approved repairs.

When completed task 1 on attachment started on fuel sender. Located fuel tank sender and cleared debris from area. Found mud, sticks and dirt surrounding sender. Cleaned area well so no debris got into fuel tank. Cleaned fuel sender header and removed mounting. Removed fuel sender from tank and inspected for damage. Found it slightly bent but looks new. Installed new sender to harness and checked operation visually on fuel gauge in cab. Found sender to work correctly and installed into tank. Found sender not lining up correctly and pulled back out of tank. Found that old sensor and new sensor clocked incorrectly causing it not to line up correctly in tank and found old sensor is bent due to improper previous install. Adjusted sender to match correct orientation and installed into tank. Tightened all mounting and tied up harness. Checked operation of fuel gauge and all is ok. Cleaned up area and blew engine bay out since i was already there. All is ok.

ITEM/LOT ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
FTX750821	FUEL SENDER	1.00	223.22	0.00	223.22
	LABOR				412.50
<b>SEGMENT 3 TOTAL:</b>					
	<b>223.22 PARTS</b>		<b>412.50 LABOR</b>	<b>0.00 MISC.</b>	<b>16.18 TAX</b>
					<b>651.90 TOTAL</b>

**SALES TAX DETAILS:**

SPGFIELD -SPRINGFIELD ILLINOIS : 861.55

PARTS	11,833.39
LABOR	3,877.50
MISC.	409.00
SALES TAX	861.55
<b>INVOICE TOTAL</b>	<b>(USD) 16,981.44</b>
<b>BALANCE AMOUNT</b>	<b>16,981.44</b>

COD ORDER DO NOT MAIL