



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Highway Maintenance
July 28, 2022

REQUESTED ACTION

Authorize the Department of Transportation to **retroactively** pay Chappell Tractor (Vendor No. 154240) of 391 Loudon Road, Concord NH, in the amount of \$5,276.19, for repair work performed on New Holland Tractor H-1817, effective upon Governor and Council approval. 100% Highway Funds.

Funds to support this request are available in the following account for FY 2023:

	<u>FY 2023</u>
04-96-96-960515-3007	
Highway Maintenance Bureau	
020-500235 Vehicle Maintenance	\$5,276.19

EXPLANATION

The item is **retroactive** because the vendor did not submit the invoice request in a timely manner upon completion of work. H-1817 is a NHDOT-owned 2006 New Holland TL90A four-wheel drive tractor outfitted with a side-mounted mower. It developed mechanical issues needing repairs by a qualified mechanic in June 2021 and was last used June 10, 2021. It was transported to Chappell Tractor on Loudon Road in Concord on July 13, 2021, for repairs. Chappell Tractor is an authorized New Holland dealer.

There were two significant issues: leaking air conditioning lines and the rear differential lock in the transmission. When Chappell Tractor diagnosed the issues, it was determined that the air conditioning lines needed to be replaced. One of the lines was on backorder for several months. Repairs were completed with no further consultation with NHDOT District 3 as to cost of repairs. Total cost of this portion of repairs was \$1,289.55.

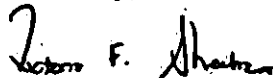
Similarly, repairs to the transmission occurred without further consultation with NHDOT District 3 as to estimated cost. Service technicians diagnosed the issue as a stick going between the fuel tank and the transmission, "disrupting the solenoids for the differential lock". In the process of resolving the issue the cost of parts totaled \$484.91, and labor \$3,302.00.

The Chappell Tractor Equipment Service Manager notified our welder mechanic in Fall 2021 that the repairs had been completed, but no invoice was submitted for payment until March 28, 2022. We believe changes in personnel at Chappell Tractor may have contributed to these further delays. Included on the invoice with the above subtotals was a miscellaneous shop parts charge of \$35.52 and a Shop Supplies charge of \$164.21, bringing the combined invoice total to \$5,276.19.

The Department of Transportation is responsible for mowing shoulders and slopes along State highways to maintain sight distance from side roads and driveways and to inhibit the growth of trees on slopes. We do so with a combination of State-owned and rented equipment. Maintenance of State-owned tractors is generally accomplished by in-house employees, but in this case, the scope and complexity, was beyond our capabilities.

The tractor remains parked at Chappell Equipment pending payment of this invoice.

Sincerely,

A handwritten signature in black ink, appearing to read "Victoria F. Sheehan".

Victoria F. Sheehan
Commissioner

Attachments



391 Loudon Rd
Concord, NH 03301
(603) 225-3361
www.chappell.com

Ship To: IN STORE PICKUP

Dept 22 Account-

Invoice To: STATE OF NH DOT DISTRICT #3
2 SAWMILL RD.
GILFORD NH 03249

Branch CONCORD		
Date 03/28/22	Time 13:06:31 (O)	Page 01
Account No NHDOT015	Phone No 6035246667	Inv No W00065
Ship Via		Purchase Order
Tax ID No		
		Salesperson JB

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/SIN	WARRANTY DATE	HRS
E000634 tractor	2	HJB072706		
TL90A		F4CE0454E		

SEGMENT# 1 C 1080 NA 07/15/21 07/16/21

A/C line leaking

COMPLAINT:

Customer requests we replace both a/c lines and charge the system. Test operation after repairs. Brandon 344-0808

CORRECTION:

Replaced one of the A/C lines that went to the evaporator. One line was on back order for over a year. Pulled vacuum and charged the system to see if we could find the leak. Found a leak in a different hose. This hose was zip tied to a bracket and due to that it wore a hole in the line. Replaced that line. Pulled vacuum and charged the system, operated the system and verified the repair. No additional leaks were found.

IN	FREIGHT IN	1	23.10	23.10
47129953	HOSE	RETAIL	297.00	
		1 N	270.00	270.00
47129955	HOSE	1 N	193.00	193.00
		PARTS	486.10	
		LABOR	803.45	
11100000	SEGMENT TOTAL==>			1289.55

SEGMENT# 2 C 1080 NA 07/15/21 09/14/21

rear diff lock

COMPLAINT:

Customer states that the rear diff lock is inop. Can hear a click noise but does not lock in and does not show locked in on the monitor. Brandon 344-0808

CAUSE:

CONTINUED ON PAGE 02

Any warranties on the products sold hereby are those made by the manufacturer. The Seller hereby expressly disclaims all warranties, either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products. All accounts 30 days past due are subject to 1.5% service charge per month. This is at the rate of 18% per annum. All accounts past 60 days will become O.O.D. status. Specially ordered parts will not be accepted for return. All special-order items to be paid in advance. No refunds or exchanges on electronic components or fuel system parts. All claims and returned goods must be accompanied by this invoice.

X

Received By

Thank You For Your Business!



391 Loudon Rd
Concord, NH 03301
(603) 225-3381
www.chappell.com

Ship To: IN STORE PICKUP

Invoice To: STATE OF NH DOT DISTRICT #3
2 SAWMILL RD.
GILFORD NH 03249

Branch CONCORD		
Date 03/28/22	Time 13:06:31 (O)	Page 02
Account No NHDOT015	Phone No 6035246667	Inv No W00065
Ship Via	Purchase Order	
Tax ID No		
		Salesperson JS

SERVICE INVOICE

STR#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
R000634 tractor	2	HJS072706		
TL90A		P4CB0454E		

FOUND A STICK HAD GONE UP THRU UNDERNEATH BETWEEN FUEL TANK AND THE REAR AXLE, DISRUPTING THE SOLENOIDS FOR THE DIFFERENTIAL LOCK. ALSO SWITCH WAS NOT WORKING IN DASH. REPLACE SWITCH BUT THE LIGHT ON STILL WILL NOT TURN ON. REMOVED THE SWITCH ON THE REAR END FOR TURNING ON LIGHT ON CLEANED AND TESTED. TRACED WIRING ALL THE WAY TO THE FIREWALL, CONNECTORS EVERYTHING TESTED GOOD TO THERE. HOOKED UP LAPTOP, RAN THRU PROGRAM CLEARED ALL FAULT CODES CREATED BY UNPLUGGING WIRING HARNESSSES AND TESTING. NO FAULT CODES CAME BACK. SCHEMATIC SHOWS THE ALSO GOING INTO THE ECU, CLUSTER AND MODULE. THE PROBLEM COULD BE IN THE ECU, A MODULE OR IN THE WIRING HARNESS WHICH HAS BEEN JUMPED INTO.

CORRECTION:

THE DIFFERENTIAL LOCK SWITCH IS NOW WORKING LIKE IT SHOULD. THE LIGHT ON THE DASH IS STILL INOP.

IN	FREIGHT IN	2	33.56	67.11
14453081	O-RING-NR	10 N	1.40	14.00
14453283	O-RING	2 N	6.40	12.80
5178210	WASHER SEALING	10 N	2.25	22.50
5184399	SWITCH, DIFF LO	1 N	33.50	33.50
73341773	2.5G MSTR/TRAN	1	55.00	55.00
87577321	HOSE, FLEXIBLE	1 N	280.00	280.00
	PARTS			484.91
	LABOR			3302.00
11100000	SEGMENT TOTAL==>			3786.91

***** WORK ORDER TOTALS *****

PARTS 971.01

CONTINUED ON PAGE 03

X

Received By

Any warranties on the products sold hereby are those made by the manufacturer. The Seller hereby expressly disclaims all warranties, either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products. All accounts 30 days past due are subject to 1.6% service charge per month. This is at the rate of 18% per annum. All accounts past 60 days will become C.O.D status. Specially ordered parts will not be accepted for return. All special-order items to be paid in advance. No refunds or exchanges on electronic components or fuel system parts. All claims and returned goods must be accompanied by this invoice.

Thank You For Your Business!



391 Loudon Rd
Concord, NH 03301
(603) 225-3361
www.chappell.com

Ship To: IN STORE PICKUP

Invoice To: STATE OF NH DOT DISTRICT #3
2 SAWMILL RD.
GILFORD NH 03249

Branch CONCORD		
Date 03/28/22	Time 13:06:31 (O)	Page 03
Account No NHDOT015	Phone No 6035246667	Inv No W00065
Ship Via	Purchase Order	
Tax ID No		
		Salesperson JS

SERVICE INVOICE

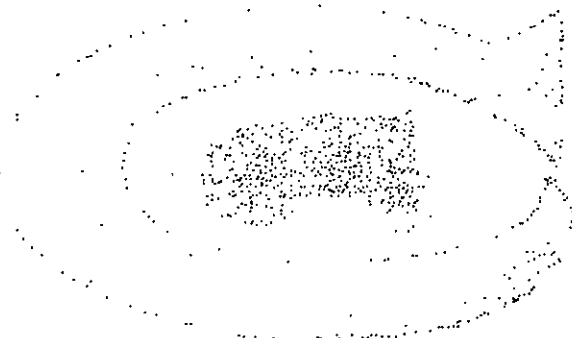
STK#/FLEET#

E000634: tractor
TL90A

HRS PIN/EIN
2 HJS072706
F4CB0454E

WARRANTY DATE HRS

LABOR	4105.45
MISC SHOP PARTS	35.52
SHOP SUPPLIES	164.21
IN HOUSE CHARGE	5276.19



Any warranties on the products sold hereby are those made by the manufacturer. The seller hereby expressly disclaims all warranties, either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products. All accounts 30 days past due are subject to 1.5% service charge per month. This is at the rate of 18% per annum. All accounts past 60 days will become C.O.D status. Specialty ordered parts will not be accepted for return. All special-order items to be paid in advance. No refunds or exchanges on electronic components or fuel system parts. All claims and returned goods must be accompanied by this invoice.

X

Received By

Thank You For Your Business!