

# INVOICE

Invoice # IN-1146402  
SO # SO-1602858  
Date 05/31/2022  
Writer Blake Calvert  
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Vehicle info: Year/Make/Model 2015 / MACK / GU813 Cust Unit # 193  
VIN/Short VIN 1M2AX13C7FM031593 / FM031593 Miles/Hours 200707 / 0

Repair Order no. RO - RO-0199784 Operation # 1

Condition REPAIR TRANSMISSION

Correction REMOVED TRANSMISSION TO HAVE REPAIRED, REPLACED CLUTCH AND RESURFACED FLYWHEEL AS NEEDED, REPLACED PILOT BEARING AND CLUTCH BRAKE AS NEEDED FILLED TRANSMISSION TO LEVEL.  
WO-0252524:Removed shift top and aux section and inspected components. Front section showed heavy wear on multiple rows of gears. Aux section showed minimal wear. Replaced sliding clutches and gears on mainshaft with heavy wear. Reassembled and resealed transmission abd dyno tested. Transmission tested good on dyno. Repair only, this is not a reman unit. SH

Part number	Description	Ord	Del	B/O	List Price	Unit price	Ext. price
072_MU-155698-12XB9	MACK/CARBOTIC/9SPRG/#2050	1	1	0			
**Core exchange**							
022_127760	2" CLUTCH BRAKE	1	1	0			
440_PART_NC	MACK - NO CORE	1	1	0			
22086413 REAR CRANK SEAL							
029_306VV	PILOT BRG W/VITON SEAL	1	1	0			
110_WA4303477	GEAR	1	1	0			
110_4305663	MAINSHAFT GEAR	1	1	0			
110_4305659	MAIN DRIVE GEAR	1	1	0			
110_WA4304317	PREMIUM SLIDING CLUTCH	1	1	0			
110_4306648B	SLIDING CLUTCH	1	1	0			
110_K3288	GASKET KIT	1	1	0			
029_MU1308TVWS.4	CYL BEARING	1	1	0			
033_13T64246	SHIFT COVER GASKET TG SERIES	1	1	0			

## Labor

Imported labor from WO-0252524

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346\_10000019103 QUART - SYNTRANS 40 14 14 0

## Labor

UPS Charge UPS Charge

Repair Order no. RO - RO-0199784 Operation # 2

Condition REPAIR STEER AXLE SPRING

Correction REPLACED LEFT FRONT STEER AXLE SPRING AND U-BOLTS AS NEED

Part number	Description	Ord	Del	B/O	I
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200_PART_NC	STEER/SUSP PART - NO CORE	1	1	0	
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96-1338 SPRING

200_B1547-96	THREADED SPRING PIN - VOLVO	2	2	0	
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202_T8-7/8X24	THREAD/ROD	2	2	0	
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202_UBW80	U-BOLT WASHERS 7/8	4	4	0	
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202_DN5	7/8-14 GR.8 DEEP NUT	4	4	0	
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## Labor

Freight In Freight In

Repair Order no. RO - RO-0199784 Operation # 3

Condition REPAIR DIFF LEAK

Correction REMOVED REAR DIFF AND RESEALED AS NEEDED, REPLACED THRU LEVEL.

Part number	Description	Ord	Del	B/O	I
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440_PART_NC	MACK - NO CORE	1	1	0	
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23396652 THRU SHAFT SEAL

440_PART_NC	MACK - NO CORE	1	1	0	
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25110388 NUT

GRX_05089PS	29 OZ. CRC BRAKE CLEAN	1	1	0	
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028_49477	ANEROBIC SEALANT	2	2	0	
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## Labor

Repair Order no. RO - RO-0199784 Operation # 5

Condition REPAIR EXHAUST BY DPF

Correction REPLACED TAIL PIPE AS NEEDED.

Part number	Description	Ord	Del	B/O	List Price	Unit price	Ext. price
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440_PART_NC	MACK - NO CORE	1	1	0	- - -	- - - -	- - - -
21021850 CLAMP							
440_PART_NC	MACK - NO CORE	1	1	0			
23154821 EXHAUST PIPE							
450_PART_NC	FREIGHTLINER - NO CORE	2	2	0			
ABPN35400GCFZ CLAMP							
NAP_PART_NC	MISC PART - NO CORE	2	2	0			
UBOLT CLAMP							

## Labor

Repair Order no. RO - RO-0199784      Operation # 6  
Condition PERFORM PM SERVICE  
Correction PERFORMED PM SERVICE AS PER PM SHEET MADE ALL NEEDED REPAIRS AND ADJUSTMENTS AS NEEDED.

Part number	Description	Ord	Del	B/O
760_B76	OIL FILTER	2	2	0
760_B7685	OIL FILTER BYPASS	1	1	0
760_BF1386-O	FUEL/WATER SEPARATOR	1	1	0
CQX_PART_NC	PART - NO CORE	1	1	0
96256 FUEL FILTER				
346_10000002121	14OZ HI-TAC #2	1	1	0
310_1157	MINIATURE LAMP	1	1	0
311_45812-3	2.5" RED MARKER LIGHT	1	1	0
CQX_87808	AIR FILTER	1	1	0
346_10000004751	MEDALLION PLUS MULTI PURPOSE ATF	3	3	0
346_10000004633	DYNAPLEX 21C SHPD CK4 15W40 BULK - QT	40	40	0
GRX_803	PREMIX W/W FLUID	1	1	0
GRX_00250	UREA TERRA BRAND 2.5 GAL CONTAINERS	1	1	0

## Labor

Shop supplies

Received by \_\_\_\_\_

See warranties on final page

Invoice total

\$11,287.83

## **LIMITED WARRANTY**

We warrant to the original purchaser of the products rebuilt, reconditioned or remanufactured by us that, for a period of 60 days from the date of the sales invoice covering such products, such products will be free from defects in materials and workmanship under normal service and use. This warranty shall not apply to any products which have been subject to misuse, abuse, negligence, accident or unauthorized repairs or alterations, including by way of illustration only and not by way of limitation, improper installation, lack of lubrication or use of improper lubricants. No product will be eligible for this warranty unless it is returned to our shop with transportation charges prepaid for our inspection within 90 days from the date of the sales invoice for such product. Our obligation under this warranty and customer's exclusive remedy shall be limited, as we may elect, either to the repair or replacement of any products our examination shall disclose to our satisfaction to be defective, free of charge at our shop, or to payment of an amount equal to the original purchase price of such products per our invoice. THIS IS A LIMITED WARRANTY.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL WE HAVE ANY LIABILITY TO THE CUSTOMER OR TO ANY OTHER PERSON FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, WHETHER BASED UPON OR CAUSED BY BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER CAUSE OR LEGAL THEORY EVEN IF WE ARE UNABLE TO REPAIR OR REPLACE THE DEFECTIVE PRODUCTS. Some states do not allow the exclusion or limitations on warranties or remedies. In such states, all or part of the exclusions or limitations contained in this invoice may not apply.

All new products and factory rebuilt, reconditioned or remanufactured products are warranted by their respective manufacturers, not by us. All used or second-hand products are sold "AS IS" and without any express or implied warranties.

We shall not be liable for any labor charges incurred by customer in connection with the removal, replacement, adjustment or repair of any defective products.

## **SALES TERMS**

The customer shall reimburse us for all costs and expenses, including reasonable attorneys' fees incurred by us in collecting amounts due and payable under this invoice.

Any amounts which are not received by us when due will accrue interest from the date of this invoice until paid in full at the lesser of 18% per annum or the highest rate permitted by law.

THE CUSTOMER AGREES THAT THE EXCLUSIVE FORUM FOR ANY CONTROVERSY ARISING UNDER THIS INVOICE OR THE PRODUCTS SOLD HEREUNDER SHALL BE IN THE FEDERAL AND STATE COURTS LOCATED IN THE STATE OF MINNESOTA, COUNTY OF HENNEPIN, AND THE CUSTOMER CONSENTS TO THE PERSONAL JURISDICTION OF SUCH FEDERAL AND STATE COURTS FOR SUCH PURPOSES.

The customer acknowledges that we shall not be responsible for the loss or damage to any vehicle or equipment which the customer leaves at our shop, or to any accessories or contents thereof, resulting from theft, fire, collision or any other cause.

# INVOICE

Invoice # IN-1491263  
SO # SO-2082111  
Date 11/03/2023  
Writer Allen Rohrs  
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## Contact

## Contact p

Vehicle info:	Year/Make/Model	2015 / MACK / GU813	Cust Unit #	193
	VIN/Short VIN	1M2AX13C7FM031593 / FM031593	Miles/Hours	250525 / 0
Repair Order no.	RO - RO-0260681	Operation #	1	
Condition	Clutch is Out			
Correction	Found the clutch is pulled apart. Removed the driveline and found it needs a carrier bearing and u-joints. Sent the driveline to the component shop for repairs. Removed the hydraulic pump and found the splines on the pump and pto were almost gone. Disconnected all air/electrical lines and cooler lines. Removed the shift tower and removed the transmission. Removed the clutch and flywheel. Found the rear main oil seal leaking. Cleaned and installed a new rear main seal.			

Installed the resurfaced flywheel with a new pilot bearing. Installed the trans with a new clutch. Installed the shift tower and reconnected all air/electrical lines and cooler lines. Installed the rebuilt pto and shimmed to spec. Filled the trans with new oil and installed the new hydraulic pump. Installed the repaired driveline and greased. Adjusted the clutch and greased. Tested hydraulics and test drove, all ok at this time.  
WO-0337712:Resurfaced flywheel and installed new pilot bearing

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072_MU-155698-12XB9	MACK/CARBOTIC/9SPRG/#2050	1	1	0			
**Core exchange**							
077_SCB200	.375" STANDARD HINGED 2" CLUTCH BRAKE	1	1	0			
110_4305294	GSKT SHIFT LEVER	1	1	0			
051_P5000A-AD	D PUMP DIRECT MT AIR LH ROT	1	1	0			
010_6.5-70-18X	1710,1760,1810 STRAP KIT	1	1	0			
031_328170-200X	489 STANDARD STUD KIT	1	1	0			
440_22086413	REAR MAIN	1	1	0			
033_06T39143	TG-K+M+V SHAFT	1	1	0			
033_TG-GSK-A1	SEAL KIT	1	1	0			
033_13MK5703	6 BOLT .010 GASKET	2	2	0			
033_13MK5704	6 BOLT .020 GASKET	2	2	0			

<b>Labor</b>				
Imported labor from WO-0337614				
029_306VV	PILOT BRG W/VITON SEAL	1	1	0
<b>Labor</b>				
Imported labor from WO-0337712				
010_5-676X	7.5" WIDE 1810 1/2RD	3	3	0
010_10094142	CTR BEARING SLOTTED	1	1	0
017_N6.5-4-3591-1	MID SHIP YOKE 46 SPL.	1	1	0
<b>Labor</b>				
Imported labor from WO-0338298				
346_10000019103	QUART - SYNTRANS 40	16	16	0
<b>Labor</b>				
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<b>Shop supplies</b>				

Received by

See warranties on final page

Invoice total

\$6,740.43

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THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL WE HAVE ANY LIABILITY TO THE CUSTOMER OR TO ANY OTHER PERSON FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, WHETHER BASED UPON OR CAUSED BY BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER CAUSE OR LEGAL THEORY EVEN IF WE ARE UNABLE TO REPAIR OR REPLACE THE DEFECTIVE PRODUCTS. Some states do not allow the exclusion or limitations on warranties or remedies. In such states, all or part of the exclusions or limitations contained in this invoice may not apply.

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