

SERVICE INVOICE: RA126004151:01

REFERENCE: 16598710

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DATE ARRIVED	DATE INVOICE	SALES TYPE	ADVISOR	TERMS	CUSTOMER PO#		
1/17/2023	1/23/2023	SRM		CB	33		
YEAR	MAKE	MODEL	VIN	ENGINE HOURS	IN SERVICE	Component Serial #	ODOMETER
2013	MACK	600	1M1AW07YXDM029034	0	6/26/2012		768689

**Sold Operations**

**JOB #1 100**

**SERVICE - GENERAL REPAIR**

COMPLAINT  
CAUSE  
CORRECTION

**REPLACE ENGINE WIRING HARNESS WITH NEW - NOTE CUSTOMER SUPPLIED PART -**

DROVE OUT TO GROW TRUCKING AND BEGAN THE JOB. COMPLAINT WAS INJECTOR CYLINDER 1 NOT WORKING /READING. HOOKED TRUCK UP TO TECH TOOL AND SAVED ALL ACTIVE CODES FOR THE TRUCK. THEN I PROCEEDED TO REMOVE THE DOG HOUSE TO BE ABLE TO ACCESS THE ENGINE HARNESS. BEGAN CUTTING ALL THE ZIP TIES HOLDING THE ENGINE HARNESS ONTO TRUCK. ONCE ALL THE ZIP TIES WERE CUT I THEN MARKED EACH CONNECTOR WITH COLOR COATED WIRE TO ENSURE WHEN INSTALLING THE NEW HARNESS NO PLUGS WOULD BE WRONG. ONCE EVERYTHING WAS COLOR COATED I THEN REMOVED ALL THE PLUGS AND REMOVED THE HARNESS OFF OF THE TRUCK. CLEANED OFF ALL THE CONNECTORS THAT WERE STILL ON TRUCK AND THEN PROCEEDED IN INSTALLING NEW ENGINE HARNESS. ONCE THE HARNESS WAS RAN THE CORRECT WAY I THEN PROCEEDED IN CONNECTING ALL THE CONNECTORS AND ZIP TYING EVERYTHING. ENSURED EVERYTHING WAS SECURED AND THEN PROCEEDED IN REINSTALLING THE VALVE COVER AND THE CROSS OVER TUBE. THEN REINSTALLED THE AIR CLEANER ELEMENT. ONCE EVERYTHING WAS SECURED AND TORQUED TO SPEC I THEN PROCEEDED IN STARTING THE TRUCK TO ENSURE IT WOULD START AND BACKED IT OUT OF THE SHOP ONCE IT BUILT UP THE CORRECT AMOUNT AIR IN THE SYSTEM. ONCE BACKED OUT I THEN HOOKED THE TRUCK BACK UP TO TECH TOOL AND CHECKED IF NEW FAULTS WERE ACTIVE AND NO NEW ONES WERE. STILL HAD THE SAME ACTIVE FAULTS. DID A COMPRESSION TEST AND FOUND THAT CYLINDER ONE IS NOT WORKING AT ALL CYLINDER 2-3 ARE BELOW THE RECOMMENDED TEST. I ALSO PERFORMED A CYLINDER BALANCE TEST AND A CYLINDER CUT OUT TEST, ALL RESULTS SHOW INJECTOR/ CYLINDER #1 TO BE AT FAULT, INFORMED CUSTOMER OF THESE FINDINGS AND HE TOLD US THAT HE WILL BRING TRUCK UP TO THE SHOP FOR US TO WORK ON, PRINTED OFF ALL RESULTS FOR REVIEW

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 100	GENERAL REPAIR		
1	126M/20538793	SEALING STRIP		
1	126M/21532258	SEALING RING		
2	126M/4710-05089	CRC RED BRAKE CLEAN		
2	126M/4710-05103	CRC QD ELECTRONIC CLEANER		
100	126M/5396-BE29557	TIE STRAP		
100	126M/5396-BE29558	TIE STRAP		
5	126M/8131393	RETAINER		
1	126M/967343	O-RING		

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**Sold Operations (Cont.)**

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
8	126M/983472	CABLE TIE		
	LABOR ASSIST	REPLACE ENGINE WIRING HARNESS WITH NEW - NOT		

**Sold Operations Totals**

	ESTIMATED	BILLED
LABOR		
PARTS		
MISC		
SUBLET		
Prepay		
<b>SUBTOTAL</b>		
SHOP SUPPLIES		
MISC SUPPLIES		
TAX		
<b>TOTAL</b>		<b>\$1,843.05</b>