

Customer Number: 326551	Phone:	Invoice Number: R00313700103159
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Tax Status	Terms	P.O.#	Service Date	Invoice Date
TAX	CASH	N/A	2/28/2022	3/31/2022



Serial Number	Unit Number	Make / Model	Year	License Number	Mileage
5PVNV8JG782S50045	1	HINO/338	2008		142028

OPERATION 2

COMPLAINT: CLEAN DPF AND CLEAR CODES

VMRS CODE: 11-044-014-001-03-18

CORRECTION: REPLACE WITH NEW-INJECTOR ASSEMBLY - ELECTRONIC-INJECTORS -
ELECTRONIC-LEAKING

SOAKED ALL BOLTS FOR DPF IN PENETRANT AS THEY WERE ALL VERY RUSTY. REMOVED INLET TEMP SENSOR FROM DPF. ATTEMPTED TO REMOVE OUTLET TEMP SENSOR BUT THE SENSOR IS SEIZED IN OUTLET SECTION AND THE SENSOR NUT STARTED TO ROUND OFF. REMOVED INLET SECTION FROM DPF REMOVED REAR DPF MOUNT. ON BENCH STARTED TO REMOVE OUTLET SECTION FROM DPF. DURING REMOVAL FIVE OF THE EIGHT BOLTS HOLDING THE OUTLET SECTION TO THE DPF BROKE. GOT WITH PARTS TO GET NEW NUTS AND BOLTS AND GASKETS. SEPARATE OUTLET SECTION FROM DPF, FOUND THE DPF HAS MELTED DOWN IN THE OUTLET SIDE. UNIT WILL NEED A NEW DPF. INSTALLED NEW DPF WITH NEW GASKETS. CONNECTED AND INSTALLED ALL SENSORS. HOOKED UP TO TRUCK AND RAN INJECTOR QUALITY TEST. FOUND CYLINDERS NUMBER 1 AND 4 CONTRIBUTIONS NOT NORMAL. PUT TOGETHER P&A FOR 6 INJECTORS. WASHED OFF ENGINE. REMOVED INTAKE ASSEMBLY. REMOVED AIR COMPRESSOR AND CRANKCASE VENT HOSES. DISCONNECTED AND MOVED WIRING HARNESS. REMOVED VALVE COVER. REMOVED INJECTOR HARNESS. REMOVED FUEL LEAKAGE PIPE. REMOVED FUEL LINES. REMOVED INJECTION PIPE SEALS AND RETAINERS. REMOVED INJECTORS. REMOVED INJECTOR O-RINGS. INSTALLED NEW INJECTOR O-RINGS. REMOVED ALL INJECTOR PIG TAILS AND INSTALLED ON NEW INJECTORS. INSTALLED INJECTORS. INSTALLED NEW INJECTION PIPE OIL SEALS AND RETAINERS. INSTALLED FUEL LINES ONE BY ONE AND TORQUED INJECTORS AND FUEL LINES IN SEQUENCE. CLEANED OFF VALVE COVER MATING SURFACE. INSTALLED NEW VALVE COVER GASKET INTO VALVE COVER. INSTALLED LEAKAGE PIPE AND TORQUED. INSTALLED INJECTOR HARNESS. PLACED VALVE COVER ON ENGINE. INSTALLED ALL BOLTS FOR VALVE COVER THAT ARE NOT REQUIRED FOR AIR COMPRESSOR AND CRANKCASE AIR TUBING. TORQUED VALVE COVER

REPAIR ORDER SUMMARY

AMOUNT

Labor Total
Parts Total
Shop Supplies
Sales Tax
Freight
Machine Charge

TOTAL DUE

13,691.40

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OPERATION 2

BOLTS. INSTALLED REMAINDER OF AIR INTAKE ASSEMBLY. HOOKED UP TO TRUCK AND CODED INJECTORS. RESET DPR MEMORY. CLEARED ALL CODES. START ENGINE AND CHECKED FOR FUEL LEAKS. NO FUEL LEAKS. WASHED OFF ENGINE AND SET OUTSIDE TO RUN FOR A WHILE TO CHECK FOR OIL LEAKS LATER. CHECKED ENGINE FOR OIL LEAKS. FOUND NO OIL LEAKS FROM ENGINE AND ENGINE IS RUNNING NORMALLY WITH NO KNOCKS LIKE BEFORE.

Labor Total --

SH56220830	BOLT FLANGE	6
S171041930	GASKET SUB ASSY EXH	2
FREIGHT	CHARGE FREIGHT	1
CRS1805E0270	FILTER SUB-ASSY- PAR	1-
SH56220830	BOLT FLANGE	10
SZ17808007	NUT FLANGE.	16
FREIGHT	CHARGE FREIGHT	1
SZ91015047	GASKET - INJ CUP TO	6
CR23670E0203R	REMAN INJ W/ WASHER	6-
23701E0031	PIPE SUB-ASSY- INJEC	1
23702E0032	PIPE SUB-ASSY- INJEC	1
23703E0032	PIPE SUB-ASSY- INJEC	1
23704E0031	PIPE SUB-ASSY- INJEC	1
23705E0011	PIPE SUB-ASSY- INJEC	1
23706E0011	PIPE SUB-ASSY- INJEC	1
S230812640	PIPE SUB ASSY -NOZZL	1
SZ20908024	GASKET - WASHER SOFT	7
23681E0040	SEAL - NOZZLE HOLDER	6
FREIGHT	CHARGE FREIGHT	1
S112131880	GASKET - CYLINDER HE	1
PC DIAGNOSTIC	MACHINE PC DIAGNOSTI	1
RXS1805E0270	DPF FILTER SUBASY- P	1
CXS1805E0270	FILTER SUB-ASSY- PAR	1
RX23670E0203R	REMAN INJ W/ WASHER	6
CX23670E0203R	REMAN INJ W/ WASHER	6

Parts Total --

Total Operation 2 -- 12,518.84