

DATE PROMISED	DATE INVOICE	SALES TYPE	ADVISOR	TECHNICIAN	CUSTOMER REFERENCE			
6/24/2020 10:57:20AM		SC						
YEAR	MAKE	MODEL	VIN	CUSTOMER UNIT #	COMPONENT S/N	IN SERVICE	ODOMETER IN	ODOMETER OUT
2001	PETERBILT	379	1XP5DU9X61D569543	44			104197	104197

Sold Operations

JOB #1 001-000-000 SC Air Conditioning, Heating & Ventilating System

COMPLAINT A/C CONTROL PANEL ISSUES- HAS BEEN PREVIOUSLY WORKED ON.
CAUSE WIRING ISSUES, FAILED DISCHARGE LINE, FAILED COMPRESSOR.
CORRECTION FOUND THAT THE MODE SELECTOR DID NOT FUNCTION. ALSO FOUND THAT CUSTOMER OR PREVIOUS MECHANIC HAD BYPASSED THE AC CONTROL PANEL AND ALL OF THE AC PRESSURE SWITCHES. HAD INSTALLED AN ON/OFF SWITCH ON THE DASH THAT WENT FROM IGNITION POWER STRAIGHT TO THE AC COMPRESSOR. ORIGINAL FACTORY HARNESS WAS STILL CONNECTED BUT JUST THE END WAS CUTOFF. CHECKED FOR AN OPEN OR SHORT IN THE HARNESS BETWEEN THE A/C COMPRESSOR AND THE FIREWALL- NO ISSUE FOUND. CHECKED FOR AN OPEN OR SHORT BETWEEN THE FIREWALL AND THE RELAY- NO ISSUE FOUND. CHECKED FOR AN OPEN OR SHORT BETWEEN THE BATTERY AND THE RELAY, FOUND THAT THE 15 AMP AC FUSE WAS MISSING. INSTALLED 15 AMP A/C FUSE AND HAD POWER AT PIN 30 ON THE A/C COMPRESSOR RELAY. AFTER INSTALLING THE FUSE, THE MODE SELECTOR ALSO WORKED AS IT SHOULD. CHECKED FOR POWER GOING INTO THE RELAY FOR THE MAGNET (RELAY IS GROUND CONTROLLED), HAD GOOD BATTERY VOLTAGE AT THE RELAY. CHECKED FOR ISSUES IN THE HARNESS BETWEEN THE THE A/C CONTROL PANEL AND THE CONTROL SIDE OF THE AC RELAY- HAD AN OPEN CIRCUIT. FOUND WIRING DIAGRAM AND DIAGRAM SHOWED A MICRO A/C SWITCH SEARCHED FOR MICRO A/C SWITCH INSIDE THE DASH- NO SUCCESS FINDING. PULLED DASH PANELS OFF TO GAIN ACCESS TO HARNESS- STILL NO LUCK. BELIEVE THE "MICRO SWITCH" WAS ACTUALLY A COMPRESSOR CUTOFF PRESSURE SWITCH. NEED TO CHECK SENSORS AND CHARGE ON A/C SYSTEM. CONNECT RECOVERY MACHINE- FOUND THERE WAS NO FREON IN THE SYSTEM. PUT NITROGEN IN SYSTEM AND FOUND DISCHARGE LINE HAD SPLIT. R&R LINE AND ACCUMULATOR. INSTALLED ALL NEW O-RINGS ONTO LINES THAT WERE REMOVED. PUT NITROGEN IN THE SYSTEM AGAIN AND FOUND THE VALVE STEM'S LEAKING AT THE A/C LINE HOOK UPS. REPLACED BOTH VALVE STEMS. PUT THE SYSTEM THROUGH A 25 MINUTE VACUUM AND LEAK CHECK. CHARGED THE SYSTEM WITH 4.30 POUNDS OF FREON PER THE STICKER ON THE FIREWALL. VERIFIED ALL A/C SWITCHES WERE READING CORRECTLY, CHECKED FOR POWER AT THE FACTORY WIRE FOR THE A/C COMPRESSOR- HAD 12.4 VOLTS WITH A/C SWITCH ON, 0.0 WITH A/C SWITCH OFF. HARNESS IS BACK IN TACT. NOTICED THE PLASTIC HAD MELTED OUT OF THE COMPRESSOR CLUTCH LOCK NUT, CHECKED COMPRESSOR AND IT IS LOCKED UP. REASSEMBLED DASH, RECONNECTED FACTORY WIRING FOR THE A/C COMPRESSOR. REMOVED WIRING FOR THE OVERRIDE SWITCH TO THE CLUTCH. TIED ALL HARNESS BACK UP. SWAPPED A/C COMPRESSOR BRACKET OVER TO THE NEW COMPRESSOR. INSTALLED NEW COMPRESSOR WITH NEW O-RINGS. VACUUMED A/C SYSTEM TO GET RID OF ANY MOISTURE IN THE SYSTEM. CHARGED SYSTEM WITH 4.30 LBS THAT WERE RECOVERED DURING DISASSEMBLY. RAN TRUCK, MONITORED PRESSURES AND CHECKED FOR LEAKS- NO ISSUES FOUND. AIR GETS COLD INSIDE CAB, WILL COOL CAB SUFFICIENTLY. ADVISED CUSTOMER ON LIST OF DEFECTS FOUND ON COMPLIMENTARY INSPECTION- DECLINED AT THIS TIME.

QTY	ITEM	VMRS	DESCRIPTION
2	113A/TYC DCT110HIR		TIE STRAP
4	113K/OAP FRE R134A-30		R134A FREON - PER POUND
1	113W/23846		TERM- BOWMA SEAL 16-14 GA. BU

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Sold Operations (Cont.)

QTY	ITEM	VMRS	DESCRIPTION
1	113X/D9027-3121		AC LINE
1	113X/F31-6063		ACCUMULATOR
1	113X/ICC 4696		A/C COMPRESSOR
1	supp		10 and 15 amp fuse
	LABOR TRKZZZ		TRUCK REPAIR - MISC GENERAL LABO

JOB #1 001-000-000

PRO FORMA INVOICE

RECEIVED
JUN 26 2020
BY: _____

PLEASE NOTE

Customer hereby agrees as follows: A. Clarke Power Services, Inc. ("Clarke") is authorized to perform the above work and to furnish all necessary parts and materials (the "Work"). B. The Terms and Conditions for Service of Vehicles or Generators posted on Clarke's website at www.clarkepowerservices.com/termsconditions (the "Terms") shall govern the Work, are incorporated herein by reference and are available to Customer from Clarke upon request. C. The Terms are the only terms that govern the Work, and together with this document comprise the entire agreement between the parties, and supersede all prior or contemporaneous understandings, agreements, and communications. D. The Terms prevail over any of Customer's terms and conditions regardless whether or when Customer has submitted its request for proposal, order, or such terms. Provision of services to Customer does not constitute acceptance

TOTAL 2,167.83

AUTHORIZED BY _____ DATE _____

PICK-UP BY _____ DATE _____

CONTACT CUST _____ DATE/TIME _____

Please Remit Payment to:
CLARKE POWER SERVICES, INC.
PO Box 710157
Cincinnati, OH 45271-0157
Phone: (513) 771-2200
Fax: (513) 771-0520

PAYMENT FRAUD ADVISORY: If you receive any communication containing a request to change payment remittance instructions to Clarke/Vehicare, please disregard and call Clarke's Credit Manager at 513-771-2200.

DATE PROMISED	DATE INVOICE	SALES TYPE
7/16/2021 7:00:00PM		SC

CUSTOMER REFERENCE	ENGINE HOURS
	0

YEAR	MAKE	MODEL	VIN	CUSTOMER UNIT #	COMPONENT S/N	IN SERVICE	ODOMETER IN	ODOMETER OUT
2001	PETERBILT	379	1XP5DU9X61D569543	44			104197	104197

Sold Operations

JOB #1 045-000-000 SC Power Plant

COMPLAINT ENGINE MISS- DIAGNOSE.

CAUSE INJECTOR CUPS NEED REPLACED-PASSING COMBUSTION PRESSURE

CORRECTION R AND R ALL SIX INJECTOR CUPS. REUSED OLD INJECTORS.

QTY	ITEM	VMRS	DESCRIPTION
6	113K/1161102		SLEEVE ASSEMBLY C12
8	113K/1523001		BOLT
1	113K/1R0749		FILTER
2	113K/1W8845		FILTER
6	113K/2245797		GASKET KIT
3	113K/5P5678		M-SEAL STK PER METER
20	113W/P66 1078334		15W40 FLEET SUPREME EC BULK GA
2	113X/B99		LUBE FILTER
	LABOR DETOTHZZZ		DETROIT DIESEL MISC GENERAL LABO

JOB #1 045-000-000

PRO FORMA INVOICE

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AUTHORIZED BY _____ DATE _____

PICK-UP BY _____ DATE _____

CONTACT CUST _____ DATE/TIME _____

TOTAL DUE 3,469.86

Please Remit Payment to:
CLARKE POWER SERVICES, INC.
 PO Box 718157
 Cincinnati, OH 45271-8157
 Phone: (513) 771-2200
 Fax: (513) 771-0520

WARNING! PAYMENT FRAUD ADVISORY: If you receive any communication (i.e., email, letter, etc.), containing a request to change payment remittance instructions to Clarke (i.e., wire, ach, check, etc.), please call Chip Thomas, Clarke's Credit Director, at (513) 475-3454 immediately to verify the accuracy of the information prior to sending any funds.