



O'Halloran
INTERNATIONAL

R102018281:01

Des Moines Carroll
Cherokee Fort Dodge

21064 180TH STREET - CARROLL, IA 51401 P (712) 792-4395 - F (712) 792-1504 - www.ohallorans.com

BILL TO

CUSTOMER COPY

TAG 8281

SERVICE INVOICE

PANAMA DIESEL SERVICE, LLC
339 1800TH STREET

PANAMA IA US 51562

PHONE

(712) 489-2015

FAX

panamadiesel@hotmail.com

Inquires:

customerservice@ohallorans.com

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DATE CREATED	DATE INVOICED
10/25/2016	01/18/2017
CUST. PO NUMBER	AUTH #
4099	000000
UNIT NUMBER	VIN
CAB OVER	1HSREJXRXGHB12250
COST CENTER	TERMS
AR30	18349
MILES IN	MILES OUT
888,589	888,589
ENGINE HRS	0
CUSTOMER	
PANAMA DIESEL SERVICE, LLC	

DTU DATE	YR	MAKE	MODEL	ENGINE SERIAL #	PMT CODE	ADVISOR
1086	INTERNATIONAL	CO 9670	11296063	855 N14	SRET	MARIAN B

JOB #1 A20-000 SRET MISC REPAIRS

CONDITION INJECTORS - - MISC REPAIRS

CAUSE INJECTOR TUBES LEAKING & 2 LINERS SCORED. CUSTOMER REQUEST A IN FRAME OVERHAUL, COMPRESSOR HOUSING FULL OF FOAM RUBBER.

CORRECTION UNIT CAME TO SHOP NOT RUNNING - - PUSHED TRUCK INTO THE SHOP, CHECKED UNIT FOR SMOKING WHITE. CUSTOMER HAD REMOVED SOME INJECTORS AND THOUGHT COOLANT WAS GETTING INTO THE CYLINDERS. REMOVED REMAINING INJECTORS AND PRESSURIZED THE COOLING SYSTEM. FOUND INJECTOR TUBES LEAKING. ADVISED CUSTOMER. WAS TOLD TO TEAR DOWN AND REPLACE HEADS. DISASSEMBLED ENGINE AND INSPECTED. FOUND 2 LINERS SCORED. CUSTOMER THEN ADVISED TO DO A IN FRAME OVERHAUL. OVERHAULED ENGINE REPLACING PISTONS, LINERS, HEADS, INJECTORS, AND FUEL PUMP. REINSTALLED ALL REMAINING COMPONENTS THAT WERE REMOVED DURING OVERHAUL. FILLED WITH COOLANT AND OIL. RAN UNIT, UNIT WOULD IDLE FINE, BUT RAN TERRIBLE WHEN GETTING INTO THE THROTTLE. TALKED TO THE CUSTOMER AND THEY STATED IT STARTED DOING THIS ON THEM. DURING DIAGNOSING THIS CONCERN, CHECKED STATIC TIMING WITH TIMING TOOLS, OK. CONTACTED OEM AND OPENED CONTROL # CONCERNING ISSUE. ADVISED TO REMOVE THE FRONT GEAR COVER TO CHECK TIMING. REMOVED FRONT GEAR COVER AND CHECKED NOMINAL TIMING, OK. REASSEMBLED ENGINE AND RAN AGAIN, LEAVING AIR CROSS OVER OFF. ENGINE RAN FINE, REINSTALLED CROSS OVER AND ENGINE RAN POOR. REMOVED CROSS OVER AND INSPECTED, OK. REMOVED AIR CLEANER PIPING AND HOUSING AND INSPECTED ALL OK. CHECKED TURBO SHAFT FOR SPINNING ON BOTH ENDS, TURBO CHECKED OK. PER ALL DIAGNOSTICS ISSUE IS A TURBO ISSUE, REMOVED COMPRESSOR HOUSING FROM THE FRONT OF THE TURBO AND FOUND IT PACKED FULL OF FOAM RUBBER. CLEANED COMPRESSOR HOUSING AND REASSEMBLED EVERYTHING. RAN UNIT AGAIN, RUNS GOOD AT BOTH LOW AND HIGH IDLE. ROAD TESTED, OK.

QTY	ITEM	DESCRIPTION	NET PRICE	EXTD PRICE
		LABOR		5,611.80
1	102C74024946	SET UPPER ENGINE GASKET	139.15	139.15



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3	102C/3675506RX	HEAD,CYLINDER	607.60	1,822.50
6	102C/3047973PX	INJECTOR,TP-STP LESS LINK	92.10	552.60
1	102C/3076489	THERMOSTAT	50.59	50.59
1	102C/186780	SEAL,THERMOSTAT	12.49	12.49
12	102C/3043647	SCREW,HEX FLANGE HEAD CAP	8.71	104.52
4	102C/3056158	NUT,HEXAGON FLANGE	4.69	18.76
1	102C/3038037	TUBE,MANIFOLD PRESSURE	52.28	52.28
1	102C/3043482	TUBE,FUEL DRAIN	30.71	30.71
36	102C/3013623	SCREW,CYLINDER HEAD CAP	26.96	970.56
7	102C/3014404	NOZZLE,PISTON COOLING	25.68	179.76
6	102C/3804477	KIT,CYLINDER	264.40	1,586.40
1	102C/3801260	SET MAIN BEARING (STD.)	153.07	153.07
12	102C/214950	BEARING,CON ROD (STD.)	10.65	127.80
6	102C/3066843	RING,LINER SEAL	11.07	66.42
7	102X/08880	BRAKE CLEAN	3.82	28.74
1	102X/7652651	LUBRIPLATE 105	11.98	11.98
1	102C/3099083	GASKET,OIL PAN	48.94	48.94
1	102C/157551	GASKET,OIL SUC CONNECTION	3.19	3.19
1	102C/3029847	SEAL,O RING	1.45	1.45
1	102C/3046130	ROD,PUSH	35.94	35.94
1	102X/GH65039	3/8IN 50FT SILICONE HEATER HOS	3.24	3.24
2	102X/7051211	CLAMP, LINED	2.98	5.96
2	102X/50640R	CAP SCREW	2.11	4.22
4	102X/5051216	CLAMP	0.81	3.24
1	102N/122322R91	CLAMP HOSE 2 11/32 TO 3 11/32	1.93	1.93
1	102C/3202117	GASKET,CONNECTION	2.97	2.97
1	102C/3034986	SEAL,RECTANGULAR RING	6.83	6.83
1	102N/L2643547	HOSE FUEL & OIL 5/8"	3.16	3.16
1	102N/FLTEC50VBS	CLAMP 5IN V-BAND STAINLESS	14.28	14.28
4	102N/FLTEC50PLA	CLAMP 5.0IN HD PRE-FORM ALUM	8.70	34.80
1	102D/BSP2900512	TUBING HEAT SHRINK 12IN	0.76	0.76
1	102M/P551670	LUBE SPIN	11.82	11.82
1	102M/P550777	LUBE SPIN	12.34	12.34
1	102M/P554071	CLNT FLTR	6.85	6.85
1	102N/BSP99005	NUT STAINLESS STEEL	2.43	2.43
7	102N/FLTGCONVCC	FLUID,FLTECRITE GREEN CONV C	11.35	79.45
1	102N/DCA60L	FLUID,LIQUID DCA COOLANT AD	4.95	4.95
(3)	102C/3675506RX-CORE	(3059419D) HEAD,CYLINDER	127.50	-382.50
(6)	102C/3047973PX-CORE	(3018321D) INJECTOR,TP-STP LES	67.50	-405.00
1	102C/FCX267RX	AFC RH,3/4,E.P CLASS FIT	1,138.54	1,138.54
1	102C/4026171	GASKET,FUEL PUMP	6.96	6.96
1	102C/3046200	SPIDER,JAW COUPLING	5.22	5.22
1	102C/213079	SEAL,RECTANGULAR RING	2.63	2.63
1	102C/151900	SEAL,RECTANGULAR RING	2.68	2.68
1	102C/154087	SEAL,RECTANGULAR RING	1.51	1.51
1	102C/3035342RX	SHUTOFF VLE 12VDC,SINGLE	65.73	65.73
1	102N/166562R2	GASKET AIR GOV COVER	3.74	3.74
1	102X/10213079	QUAD RING	0.43	0.43
1	102X/103060	HOWES ANTI-GEL	10.99	10.99



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1	102C/3076346	SLEEVE WEAR	14.16	14.16
1	102C/4058949	GASKET, GEAR COVER	16.00	16.00
1	102C/3004316	SEAL, OIL	20.95	20.95
1	102C/3020183	SEAL, OIL	45.13	45.13
1	102X/06880	BRAKE CLEAN	3.82	3.82
1	102UZW1862X4	UNION-A/B PUSH 1/4	6.99	6.99
(1)	102C/FCX267RX-CORE	(FP4405D) AFC RH. 3/4, E.P. CLASS	37.50	-37.50
(1)	102C/3035342RX-CORE	(BM69974D) SHUTOFF VLE 12VDC	37.50	-37.50
42	102S/15W40	MOTOR OIL	3.23	135.66
3	102C/3675506RX-CORE	(3050419D) HEAD, CYLINDER	127.50	382.50
6	102C/3047973PX-CORE	(3018321D) INJECTOR, TP-STP LES	67.50	405.00
1	102C/FCX267RX-CORE	(FP4405D) AFC RH. 3/4, E.P. CLASS	37.50	37.50
1	102C/3035342RX-CORE	(BM69974D) SHUTOFF VLE 12VDC	37.50	37.50
1	FRT	FREIGHT (3056158 & 3043647)	17.00	17.00
1	FRT	FREIGHT ON 3043482	17.58	17.58
1	FRT	FREIGHT ON 3038037	42.50	42.50
1	FRT	FREIGHT	17.50	17.50

Labor: \$5,611.80

Parts: \$7,770.80

Other: \$0.00

SubTotal for Job:

*INVOICE TOTAL ON LAST PAGE \$13,382.60

I authorize the above repair work to be done along with the necessary parts and materials and grant permission to operate the vehicle herein described for purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on the vehicle to secure the amount for repairs thereto, and I further agree that a storage charge of \$10.00 per day will accrue, beginning five (5) days after I am notified that the repairs have been completed. I agree that O'Halloran International, Inc. ("OHI") is not responsible for loss or damage to vehicle or articles left in vehicle in case of fire, theft, an act of god or any other cause beyond OHI's control or for delays caused by unavailability of parts or delays in parts shipments by the supplier or transporter. In consideration of OHI extending credit to me after receipt of my statement, I further agree to pay a monthly service charge of 1.5% on any overdue balances, and all costs of collection including reasonable attorney's fees. In exchange for OHI agreeing to make repairs, I hereby assign to OHI all rights, title and interest in any insurance proceeds. OHI is hereby appointed my true and lawful attorney in fact to demand and receive payments, to endorse any negotiable instruments in my name, and otherwise enforce the provisions of any insurance contract. The only warranties applying to part(s) are those which may be offered by the manufacturer. The selling dealer hereby expressly disclaims all warranties, either express or implied, including any implied warranties 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 part(s) and/or service. Buyer shall not be entitled to recover from the selling dealer any consequential damages, damage to property, damages for loss of use, loss of time, loss of profit, or income, or any other incidental damages. Manufacturer's parts and labor are guaranteed for 12 months or 12,000 miles whichever occurs first. Part cores must be returned in the original packaging, fully assembled and drained of all fluids within 90 days from date of purchase to receive credit. No return on electrical items or special ordered parts without OHI's prior approval. All returns are subject to a 25% restocking fee. Freight or shipping charges will not be refunded on special ordered parts.

MISC CHARGES	94.58
PARTS	7,676.22
LABOR	5,611.80
SUBLET	0.00
SHOP SUPPLIES	90.00
TAX	930.16
	0.00
INVOICE TOTAL	14,402.76

Please Remit Payment to:
O'HALLORAN INTERNATIONAL, INC.
P.O. BOX 1804
DES MOINES, IA 50305-1804
O'Halloran International now offers you
the option of receiving invoices via email.
Contact customerservice@ohalloranas.com
and sign up today!

SIGNATURE X

DATE



IDEALEASE

Line Set Ticket

VIN Number	1HSREJXRXGHB12250	Model	EAGLE 6X4	Build Date	9/9/1985
Eng Srl Number	011296065	Model Code	L252700	Order Qty	1
Dealer Number	000222	Order Number/Suffix		Starting Job Number	
Sold To	SEPT SUPPORT	Sales Region		Paint Code	1740
GVWR	50000	Ignition Key	K288	Wheel Base	198.8 in / 505.0 cm
AF Dimension	52.8 in / 134.0 cm	Gear Ratio	3.90	Recall Pending	No

Comp	Unit	Qty	Variation	S/L	Description	Asm Part No
01	0001165	4504	AGJL		SIDEMEMBER LT	
01	0001668	4500	C		FULL WIDTH FRONT BUMPER-CHROME ALUMINUM	
01	0001833	4501	B		THREE (AL) DECK PLATES	
01	0001950	4500			11-22.5	
01	0001950	4500			FRAME PIERCING	
02	0002339	4500	ABCH		IH WIDE TREAD 12000#	0481940C97
02	0002339	4500	ABCH		SPRG ASM FRT	0503961C91
02	0002339	4500	ABCH		SPRING ASM FRT	0503961C91
04	0004092	4507	DEHKW		DUAL AIR BRK SYSTEM	
04	0004175	4500	A		BRK GRP LT	0592574C91
04	0004273	4509	AFK		BRK GRP LT FRT	0591272C92
04	0004273	4509	AFK		BRK GRP LT RR	0591274C92
04	0004675	4500			REUSABLE END HOSING-PREMIUM	
04	0004723	4511	DKMS		AIR DRYER(BENDIX SYS-GUARD AD-2) W/HTR	
05	0005331	4517	AERWY		SHEPPARD M392 PWR STRG	
05	0005902	4503	AM		VICKERS PWR STRG PUMP	
06	0006100	0001			76-76-60 *AL	
06	0006100	0001			76-76-70 *WR	
06	0006100	0001			DRIVELINE LABOR	
06	0426710	0525			*PROP SHAFT	
06	0427811	1660			PROPELLER SHAFT	
07	0007505	4500	AD		EXHAUST PYROMETER (SGL)	
07	0007534	4504	ADJKM		DUAL VERT MFLR&FIN TAIL	
08	0008000	4583	ABCEGHNVXY		ELEC SYS CUM W/EAGLE	
08	0008000	4583	ABCEGHNVXY		M/S 3007 M/S 3008	
08	0008000	4583	ABCEGHNVXY		M/S 3130 M/S 3131	
08	0008142	4502			ALTERNATOR(L-N 2500JB)SER-90515 12V 90A	
08	0008559	4500	C		FLOOD LIGHT-FOR 5TH WHL OR CARGO AREA	
08	0008615	4500			INTEGRAL PARKING LIGHTS W/FRT T/S LIGHTS	
08	0008621	4500			AMBER FOG LIGHTS (PERLUX) (RECT LENS)	
08	0008621	4500			M/S 3006	
08	0008669	4500	A		ELECT AM-FM CASS RADIO	
08	0008689	4500			CAB MARKER/ID LIGHT(5)BULLET TYPE-CHROME	
08	0008695	4500	B		CHROME SNOWSHIELDS(2)(FOR DU AIR HORNS)	
08	0008695	4500	B		M/S 3574	
08	0008695	4500	B		SNOWSSHIELD-DU AIR HORN	
08	0008707	4500	A		WARN LIGHT/BUZZER NTC	
08	0008725	4501			BUNK SPEAKERS W/VOLUME	
08	0008836	4500			2-CHROME AIR HORNS (GROVER)	
08	0008836	4500			M/S 3130	
08	0008836	4500			M/S 3131	
08	0008851	4500			POWER SOURCE (TWO POST TERMINAL BLOCK)	
09	0009000	4507	D		FRT END SHEET METAL	
09	0009578	4500			GRILLE INSERT (CHROME PLATED)	
10	0010000	4510	AFGHK		*NO SPEEDOMETER SETTING*	
10	0010000	4510	AFGHK		SPEEDO & MISC	
10	0010210	4501			EMISSION LABELS (FUEL ECONOMY/NOISE)	
10	0010576	4501	A		MUD FLAPS W/PAINTED BRKTS (REAR WHLS)	
10	0010632	4500		PT	PAINT SINGLE COLOR (WHEELS)	
10	0010769	0001		PT	PREMIUM COLOR PAINT	
11	0011254	4505	AD	SE	15.5" 2-PLATE SPICER CLUTCH-PULL TYPE	
11	0011905	4500	E		CLUTCH ADJUSTER-SELF ADJUSTING TYPE	
12	0012252	4544	FJNQRUWY		NTC400 BCIII CUMM ENG	0502503C91
12	0012252	4544	FJNQRUWY		RADIATOR ASM	0573017C91

12	0012762	4500		ANTI-FREEZE(INTL)PERMANENT-TO MINUS 40	
12	0012783	4500		HAND THROTTLE CONT-VERNIER-LOCKING TYPE	
12	0012866	4500	AD	ENGINE OIL TEMPERATURE GAUGE	
12	0012885	4500	AH	SE FILTER MENDER AIR REST	
12	0012885	4500	AH	SE M/S 3047	
12	0012907	4500	Q	JEB 110V 1500W BLK HTR	
13	0013468	4505	CGJLP	T468 FULLER 13SPD	
13	0013761	4500	ACDF	TRANS OIL TEMP GAUGE	
14	0014357	4501	CK	SE 70-70-60 FLG	
14	0014357	4501	CK	SE AXLE ASM FWD GR 3.90	0576925C91
14	0014357	4501	CK	SE AXLE ASM RR GR 3.90	0592449C91
14	0014673	4502	AHQ	INTL AIR RIDE(AIR-BAG) 38K# SUSP 52"	
14	0014673	4502	AHQ	SPRING ASM RR	0501566C92
14	0014861	4500	BEJ	OIL TEMPERATURE GAUGE (REAR AXLE)	
15	0015406	4509	CG	*FUEL TANK	
16	0016000	4501	M	FLOOR MATS	
16	0016177	4558	ACGQSVX	280CM CAB CLR02GINGER	0498791C98
16	0016177	4558	ACGQSVX	M/S 3029	
16	0016177	4558	ACGQSVX	M/S 3039	
16	0016177	4558	ACGQSVX	M/S 3053	
16	0016177	4558	ACGQSVX	M/S 3057	
16	0016177	4558	ACGQSVX	M/S 3153 M/S 3038	
16	0016321	4500	B	HI-BK DR ST VELOUR	
16	0016429	4500	B	PASS ST FIXD EAGLE VELOU	
16	0016572	4501		DU 5.25" CONVEX MIRRORS (SS) ADD-ON TYPE	
16	0016574	4501		EXT SUNSHADE KD BULLET	
16	0016574	4501		M/S 3137	
16	0016574	4501		M/S 3138	
16	0016574	4501		M/S 3138	
16	0016574	4501		M/S 3139	
16	0016574	4501		M/S 3139	
16	0016663	4501	B	M/S 3055	
16	0016663	4501	B	M/S 3056	
16	0016663	4501	B	ROOF MTD GRAB HANDLES(2)	
16	0016723	4500	HK	CAB RR EXTENDERS-FAIRING	
16	0016902	4501	C	DUAL MIRRORS	
16	0016902	4501	C	M/S 3038	
16	0016902	4501	C	M/S 3039	
16	0016956	4507	AH	IH BLND AIR COND	
17	0027547	4500		DISC FRT WHL(24.5"PSH-AL 10S) 8.25DC RIM	
17	0028545	4500		DISC RR WHL(24.5" PT-STL 10S) 8.25DC RIM	
17	0029095	4500		DISC FRT WHLS (AL-POLISHED OUTSIDE)	
17	0029277	4500		DISC FRT WHL(24.5" AL-10STUD) 8.25DC RIM	
17	0029580	4500	C	**SPECIAL PAINT HNDLG**	
17	0029580	4500	C	INTERNATIONAL WHEEL SEALS (FRONT)	
17	0088430	4500	BJK	BRAKE DRUM	0454647C1
17	0088430	4500	BJK	CONE FRT OUTER	0028682
17	0088430	4500	BJK	HUB & STUDS	0581680C91
17	0088430	4500	BJK	HUB & STUDS	0581681C91
17	0090430	4506	AFR	BRAKE DRUM	0576705C1
17	0090430	4506	AFR	CONE RR INNER	0000594A
17	0090430	4506	AFR	CONE RR OUTER	0000580
17	0090430	4506	AFR	HUB/CUP/STUD ASM RT	0576696C91
17	0730422	0179		*11R24.5 G	
17	0770422	0182		11X24.5G GYU167	
17	0884322	0000		COST INFO ONLY	
17	0904322	0008		B11X24.5-F DR DISC 825F*	

Explanation of Prop Shaft Locations

SPEEDO 1836 1010111100

SPEEDO 1836 1010111100

PT1 100LES1740

PT3 PT/I NOS 100LE,932LE

PT11 1740 CP SINGLE

PT2 932LEW9219
PT21 9219 WH WHEELS
PREF0985