

Ship To:

Invoice To:

Branch KANSAS CITY *REPRINT*		
Date 04/22/22	Time 22:32:55 (B)	Page 01
Account No	Phone No	Inv No
Ship Via	Purchase Order REQ	
Tax ID No		
		Salesperson 031 / 579

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
009674	EXCAVATOR	7499	A90025	
	PC300LC-8			

SEGMENT# 1 C 1958 NA 03/25/22 03/25/22 04/30/22

HYDRAULIC PUMP REPLACEMENT

COMPLAINT:

1. CHANGE OUT WEAK PUMP.

CAUSE:

WEAK PUMP.

STUCK MERGE DIVIDE SOLENOID SPOOL.

STUCK HIGH TRAVEL SOLENOID SPOOL.

CORRECTION:

3-31-22 PREPPED PUMP ASSEMBLY FOR REMOVAL. PUMPED OUT HYDRAULIC OIL. THE PUMP WAS STUCK ON THE ENGINE. SWAPPED OVER ALL FITTINGS TO THE NEW PUMP. MOUNTED PUMP AND INSTALLED OLD PUMP ON STAND FOR CORE. BLEED OUT PUMP AFTER FILTERING OIL BACK INTO THE TANK. CHANGED FILTERS FOR HYDRAULICS. WHILE TESTING THE PUMPS, FOUND THE PUMPS WERE DIVIDED. INSTALLED GAUGES TO THE CIRCUIT AND THE SOLENOID SPOOL WAS SENDING PRESSURE ALL THE TIME. ATTEMPTED TO REMOVE THE SPOOL AND SOLENOID. THE SPOOL WOULDN'T COME OUT SO THE COMPLETE ASSEMBLY WOULD HAVE TO BE REMOVED.

4-1-22 REMOVED SOLENOID ASSEMBLY. TAPPED OUT THE SPOOL AND POLISHED THE SPOOL BUT IT WAS STILL STICKING. THE 1/4 INCH BORE WAS POLISHED WITH A FABRICATED TOOL. THE SPOOL WAS WORKING FREELY NOW. INSTALLED ASSEMBLY. STARTED AND WARMED UP MACHINE AND IT WORKED PROPERLY. WHILE PERFORMING FINAL TESTING, FOUND THAT THE TRAVEL SPEEDS WEREN'T CORRECT. TIED IN GAUGE PORT AND THE HIGH TRAVEL SPOOL WAS STUCK. REMOVED ASSEMBLY AND FREED UP TRAVEL SPOOL. RETESTED AND EVERYTHING WAS WORKING PROPERLY AT THAT TIME. CLEANED WORK AREA.

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	PC300LC-8				
CUSTOMER WOULD TAKE MACHINE TO JOBSITE.					
CR708-2G-00700	CORE			1-	
DM452	BRAKE CLEANER			6	
FI	FREIGHT IN			2	
R708-2G-00700	PUMP HYD PISTON			1 M	
CR708-2G-00700	CORE				
02896-11008	O-RING P60			9 M	
07000-12105	O-RING			2 O	
07000-13032	O-RING			2 O	
07000-13035	O-RING			2 O	
07000-15160	O-RING			1 M	
07000-15195	O-RING			1 O	
07002-11423	O-RING P60			11 O	
07002-13334	O-RING P6			1 O	
07002-13634	O-RING P60			1 M	
07005-03016	SEAL			2 O	
207-60-71182	ELEMENT			1 M	
207-62-64740	O-RING			1 M	
11000000				REPAIR SUB TOTAL==>	18374.49

SEGMENT# 2 C 1958 NA 03/25/22-03/30/22 04/30/22

REPAIR RAIL

COMPLAINT:

1. LINK NEEDS REPLACED

CAUSE:

BROKEN LINK ON LEFT TRACK.

CORRECTION:

3-30 22 THE MACHINE WAS BEING MOVED TO THE ROAD. SET UP ON

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THE ROAD FOR THE REPAIR. JOBSITE HAD SUSTAINED HEAVY RAIN AND THE TRACKS WERE VERY MUDDY. CLEANED OUT TRACK WHERE THE BROKEN LINK WAS LOCATED. REMOVE 3 PADS USING TORCH TO HEAT THE NUTS. TORCH OUT BOTH PINS THEN DROVE THEM OUT. REMOVED BROKEN LINK AND GROUND DOWN THE LEFT LINK TO BE A MASTER LINK. INSTALLED AND PRESSED IN NEW PIN TO NEW LINK. WRAPPED TRACK. THE PADS WOULD BE INSTALLED TOMORROW. CHECKED INTO HOTEL FOR THE NIGHT.

3-31-22 CLEANED PADS THAT WERE FULL OF MUD AND RAILS. INSTALLED PADS WITH NEW BOLTS. TIGHTENED TRACK. CLEANED WORK AREA. LOADED TRACK PIN PRESS.
KM2233RLKHQ REPAIR LINK 1

11000000	REPAIR SUB TOTAL==>	1740.62
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SEGMENT# 3 C 1958 N/A	03/25/22	03/25/22	04/30/22
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DRIVE TIME & MILES

COMPLAINT:

DRIVE TIME & MILES

ADDITIONAL DESCRIPTION:

EMPORIA

Unit number for the PO is 306

11000000	LABOR	172.50
	REPAIR SUB TOTAL==>	172.50

***** WORK ORDER TOTALS *****
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009674

EXCAVATOR

PC300LC-8

HRS

7499

PIN/EIN

A90025

WARRANTY DATE

HRS

PARTS
LABOR
ENVIRO FEE
LODGING
MEALS
MILEAGE
SUPPLIES

SUB: TOTAL==>

KANSAS 6.5%

KS-CHASE CO 1%

KS-CH-COTTONWOOD 1%

ON ACCOUNT

23126.35



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