

Invoice

Date	Invoice #
6/2/2014	4330

Quantity	Item Code	Description	Price / Rate	Amount
28	Repair Shop Service	Komatsu Wheel Loader WA180IC -- [05/15/2014 - 05/30/2014] Split loader in half; Replaced bottom hinge pin, bearings and seals; Greased machine	87.00	2,436.00
1	Shop Parts	Bearing	159.24	159.24T
2	Shop Parts	Ring	75.98	151.96T
1	Shop Parts	Washer	16.63	16.63T
1	Shop Parts	Hinge Pin	578.46	578.46T
1	Shop Parts	Grease	9.99	9.99T
1	Freight	For Parts	23.00	23.00
0.5	Hot Pressure Washer	Washed Machine	150.00	75.00

POSTED
JUN 11 2014

Subtotal	\$3,450.28
Sales Tax (6.475%)	\$59.33
Payments/Credits	\$0.00
Balance Due	\$3,509.61

Quantity	Item Code	Description	Price / Rate	Amount
3	Repair Shop Service	06/23/2014 -- Komatsu Wheel Loader WA180LC -- Complaint: Quick Attach not working; Work: Tested coil, wiring and switch--found valve stuck; Removed valve, cleaned and re-installed; Hooked up all electrical and hydraulic lines; Tested--Good; Greased Quick Attach	87.00	261.00
	Grease		5.98	5.98T
			Subtotal	\$266.98
			Sales Tax (6.475%)	\$0.39
			Payments/Credits	\$0.00
			Balance Due	\$267.37

Invoice No.	1785372
Page	1 of 1
Date	2016/09/29

Line	Item	Description	Quantity	Price	Extension
0001	700-82-38001	2 Spool Control Valve	1	\$2550.00	\$2550.00

Merchandise	\$2550.00
Shipping & Handling	\$0.00
Tax	\$0.00
Misc	\$0.00

Box Ref	Tracking Number	Weight	Load ID
1 - O	1Z7X59400363637509	6	1795978

PLEASE PAY THIS AMOUNT \$2550.00 USD

Branch Kansas City, KS		
Date 09/14/16	Time 13:12:58 (O)	Page 01
Account No. PREC1009	Phone No. 8166974194	Invoice No. S35528
Ship Via PARTS 8/17/16	Purchase Order STEVE	
Sales Tax No.		
		Salesperson SCA

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
C006151	WA180-1	7326 A76330		
RTL	S			

REPAIR# 1 5 JCB NA 06/01/16 05/31/16 06/02/16

HYD NEEDS LOOKED AT, EVERYTHING MOVING SLOW

4.00

CAUSE:

HYDRAULIC PUMP WORN AND MAIN RELIEF VALVE HAD DEBRIS IN IT

CORRECTION:

6/2 TRIED TO START THE MACHINE, IT WOULD NOT START. FOUND THERE WAS A BATTERY DISCONNECT SWITCH BY THE BATTERIES AND A SECOND SWITCH ON THE DASH. STARTED THE MACHINE AND RAN IT. THE LOADER ARMS WOULD NOT RAISE AT LOW IDLE. AT HIGH IDLE THEY WERE VERY SLOW AND THE PUMPS MADE A LOUD SQUALLING NOISE. INSTALLED A GAUGE AND CHECKED THE PRESSURE. THE RELIEF PRESSURE WAS 138 KGM, SPEC IS 220 KGM. REMOVED THE COVERS AND TRIED TO ADJUST THE RELIEF. THE PRESSURE WOULD NOT RAISE. THE HYDRAULIC PUMPS NEED TO BE REPLACED. THE HYDRAULIC TANK ALSO NEEDS TO BE DRAINED AND INSPECTED FOR CONTAMINATION. MADE A PARTS LIST FOR AN ESTIMATE.

7/5 LOADED THE PUMP, OIL AND PARTS INTO THE TRUCK. DROVE TO THE JOB. REMOVED THE LADDER AND GUARD FROM THE RIGHT SIDE OF THE MACHINE. DRAINED HYDRAULIC OIL INTO BUCKETS. INSPECTED THE TANK AND FOUND NO EXCESSIVE DEBRIS. REMOVED THE TWO LOWER AND ONE UPPER HOSE FROM THE PUMP. REMOVED THE PUMP MOUNTING BOLTS, PUMP AND MOUNTING O-RING. INSTALLED THE NEW PUMP WITH A NEW MOUNTING O-RING. REINSTALLED THE HOSES WITH NEW O-RINGS. FILLED THE TANK WITH NEW HYDRAULIC OIL. RAN THE MACHINE AND VERIFIED THE REPAIR, THERE WERE NO LEAKS. RETURNED TO THE SHOP.

7/11 DROVE TO THE JOB AND SPOKE WITH THE OPERATOR, HE SAID THE MACHINE WAS LEAKING FROM THE RIGHT LIFT CYLINDER. WHEN

CONTINUED ON PAGE 02

Branch Kansas City, KS		
Date 09/14/16	Time 13:12:58 (O)	Page 02
Account No. PRECIO09	Phone No. 8166974194	Invoice No. S35528
Ship Via PARTS 8/17/16	Purchase Order STEVE	
Sales Tax No.		
		Salesperson SCA

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
C006151	WA180-1	7326 A76330		
RTL	S			

THE MACHINE WAS NOT RUNNING OIL WAS VISIBLE TRICKLING DOWN THE ARM. CALLED THE CUSTOMER AND INFORMED THEM OF THE FINDINGS. CHECKED OVER THE REST OF THE MACHINE. FOUND A PLUG ON THE FLYWHEEL HOUSING MISSING, FUEL LEAKING AT THE PUMP AND AFTER STARTING THE MACHINE OIL COMING OUT OF THE BEARING HOLE. REMOVED THE NEW PUMP TO CHECK IF IT WAS LEAKING INTO THE FLYWHEEL HOUSING, IT WAS NOT THE PUMP. REINSTALLED THE PUMP AND PUT EVERYTHING BACK TOGETHER. CALLED THE CUSTOMER AND LET HIM KNOW WHAT WAS FOUND.

8/1 DROVE TO THE JOB. CHECKED THE HYDRAULIC OIL AND IT WAS LOW, TOPPED IT OFF. INFORMED DISPATCH THAT THE LIFT CYLINDERS NEEDED TO BE REBUILT. RETURNED TO THE SHOP.

8/2 DROVE TO THE MACHINE AND WAITED FOR A TRACTOR TRAILER DUMP TRUCK TO MOVE SO THE MACHINE COULD BE ACCESSED. MOVED THE MACHINE TO THE AREA THE CUSTOMER WANTED. BLOCKED THE LIFT ARMS UP AND REMOVED THE LINES. REMOVED THE PINS AND THE CYLINDERS. LOADED THE CYLINDERS AND RETURNED TO THE SHOP. WASHED THE CYLINDERS AND SET THEM IN THE SHOP.

8/2 BROUGHT THE CYLINDERS IN TO THE CYLINDER REBUILD AREA. SET THE CYLINDERS ONTO THE TABLE AND DISASSEMBLED THEM. REMOVED THE NUTS, PISTONS AND HEAD GLANDS. REMOVED THE PACKING KIT AND BUSHINGS. CLEANED UP ALL PARTS. INSTALLED THE BUSHINGS WITH THE PACKING KITS. PUT THE CYLINDERS BACK TOGETHER AND TIGHTENED THE NUTS. RINSED OFF THE CYLINDERS AND CLEANED UP WORK AREA.

8/3 LOADED AND DROVE TO THE JOB. REINSTALLED THE LIFT CYLINDERS AND HAD THE CUSTOMER RUN THE MACHINE. IT WAS STILL SLOW AND WOULD NOT PICK UP A LOAD. REMOVED THE PANELS TO LOOK AT THE SYSTEM. PULLED THE MAIN RELIEF VALVE AND FOUND EXCESSIVE DEBRIS. DISASSEMBLED THE RELIEF VALVE

CONTINUED ON PAGE 03

Branch Kansas City, KS		
Date 09/14/16	Time 13:12:58 (O)	Page 03
Account No. PRECIO09	Phone No. 8166974194	Invoice No. S35528
Ship Via PARTS 8/17/16		Purchase Order STEVE
Sales Tax No.		
		Salesperson SCA

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
C006151	WA180-1	7326 A76330		

RTL S

AND FOUND DEBRIS IN THE VALVE ITSELF. CLEANED, REINSTALLED
AND CHECKED. THE MACHINE RAN AS IT SHOULD. REINSTALLED THE
PANELS AND RAN THE MACHINE. THE OPERATOR ARRIVED RAN IT TO
MAKE SURE EVERYTHING WORKS AS IT SHOULD. CLEANED UP AND
DROVE BACK TO THE SHOP.

BRAKECLEAN	CLEANER	12	3.56		42.72
FCA053	ANTI FREEZE	6	9.66		57.96
FRTIN	INBOUND FRT	4	10.75		43.00
KM37478	THREADLOCKER	1	22.72		22.72
MILEAGE	MILEAGE	200	2.50		500.00
07000-12105	O-RING	1	3.75		3.75
07000-12115	O-RING	1	3.93		3.93
07000-13025	O RING	4	.56		2.24
07000-13045	O-RING	1	3.00		3.00
07000-15200	O-RING	1	9.20		9.20
07002-11423	O-RING	2	.96		1.92
07002-12434	O/RING	1	2.07		2.07
07063-01054	ELEME	1	17.24		17.24
07260-24120	HOSE	1 N	55.67		55.67
1400501H1	TRANS. FL.SA	3	100.21		300.63
1400842H1	HO56 HYD OIL	4	94.39		377.56
1401102H1	EO 15W-40 55GAL	3	16.09		48.27
417-09-11120	*DUST SE	4 M	19.86		79.44
417-62-A1210	XPUMP ASM	1 N	1951.75		1951.75
6732-21-4150	PLUG, ORI	1	8.07		8.07
6732-21-4160	SEAL, ORI	1	5.63		5.63
				PARTS	3536.77
				LABOR	5910.80
10355001		REPAIR TOTAL==>			9447.57

CONTINUED ON PAGE 04

Branch Kansas City, KS		
Date 09/14/16	Time 13:12:58 (O)	Page 04
Account No. PRECI009	Phone No. 8166974194	Invoice No. S35528
Ship Via PARTS 8/17/16	Purchase Order STEVE	
Sales Tax No.		
		Salesperson SCA

SERVICE INVOICE

STK#/FLEET# HRS PIN/EIN WARRANTY DATE HRS
C006151 WA180-1 7326 A76330

RTL S

REPAIR# 2 5 SPG NA 06/01/16 05/31/16

REPLACE TORQUE CONVERTER

12.00

CAUSE:

TORQUE CONVERTER LEAKING —

CORRECTION:

7/18 LOOKED UP AND ORDERED PARTS TO REPLACE THE TORQUE CONVERTER.

7/19 DROVE TO THE JOB. PULLED THE ENGINE TO TRY AND ACCESS THE TORQUE CONVERTER. THE TORQUE CONVERTER WAS VISIBLE BUT NOT WITHIN REACH.

7/20 DROVE TO THE JOB AND PULLED THE CAB TO ACCESS THE TRANSMISSION. UNHOOKED THE TRANSMISSION EXCEPT THE MOUNTING BOLTS AND RETURNED TO THE SHOP.

7/21 DROVE TO THE JOB SITE AND INSTALLED LIFTING EYE. DISCONNECTED THE MOUNTING BOLTS AND PULLED THE TRANSMISSION. SPLIT THE TRANSMISSION AND REMOVED THE OLD TORQUE CONVERTER. INSTALLED THE NEW ONE AND REINSTALLED THE TRANSMISSION. HOOKED UP THE HOSES AND REINSTALLED THE ENGINE. TIGHTENED THE BOLTS AND CLEANED UP.

7/22 DROVE TO THE JOB AND REINSTALLED THE CAB. HOOKED UP THE LINKAGES, BRACKETS AND LINES. STARTED THE MACHINE TO CHECK FOR LEAKS, THERE WERE NO LEAKS BUT THE MACHINE WOULD NOT SHUT OFF ON IT'S OWN. KILLED THE MACHINE BY RESTRICTING AIR. USED A MULTIMETER TO FIND WHERE THE ELECTRICAL ISSUE WAS. FOUND A WIRE CONNECTED TO THE RELAY. PREVIOUSLY IT WAS AN EYELET CONNECTOR MISSING A SCREW, THE CUSTOMER HAD USED A SPADE CONNECTOR OPENED UP TO SLIP ONTO THE SOCKET. THE FEMALE CONNECTOR HAD FALLEN OFF. PULLED THE INSULATION OFF ABOUT AN INCH AND TWISTED AROUND THE THREADS. THE MACHINE STARTS AND SHUTS OFF AS IT SHOULD.

CONTINUED ON PAGE 05

\$9,500.00
\$

Branch Kansas City, KS		
Date 09/14/16	Time 13:12:58 (O)	Page 05
Account No. PRECI009	Phone No. 8166974194	Invoice No. S35528
Ship Via PARTS 8/17/16	Purchase Order STEVE	
Sales Tax No.		
		Salesperson SCA

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
C006151	WA180-1	7326 A76330		

RTL S

CHECKED OVER THE MACHINE AND FOUND THE INJECTOR PUMP LEAKING, THE #5 INJECTOR RETURN LINE LEAKING, THE RIGHT FRONT LIFT CYLINDER LEAKING AND AT LEAST A DOZEN HOSES WITH CORDS SHOWING. CUSTOMER REFUSED REPAIRS AT THIS TIME. RETURNED TO THE SHOP.

7/25 DROVE TO THE JOB AND REINSTALLED THE ROPS, HOOD AND PANELING. BLED THE BRAKES AND SWAPPED THE TRANSMISSION LINKAGE DUE TO BINDING. RAN THE MACHINE TO ENSURE EVERYTHING WAS WORKING PROPERLY. CHECKED AND TOPPED OFF THE FLUIDS. RETURNED TO THE SHOP.

7/26 DROVE TO THE JOB. THE CUSTOMER STATED THAT THE MACHINE WAS LEAKING FROM THE SAME AREA, IT APPEARS THAT THERE IS A PLUG AND BRACKET MISSING. HAD THEM SENT OUT. INSTALLED THEM AND RETURNED TO THE SHOP.

FRTIN	INBOUND FRT	1	8.00		8.00
MILEAGE	MILEAGE	240	2.50		600.00
07000-12065	O-RING	1	3.12		3.12
07000-12085	O-RING	1	3.53		3.53
07000-12125	O-RING	2	4.08		8.16
07000-13028	O RING	3	2.75		8.25
07002-11223	O-RING	1	.96		.96
07002-12434	O/RING	2	2.07		4.14
07002-13334	O RING	1	2.75		2.75
07155-01230	WEAR RING	2	17.78		35.56
1400501H1	TRANS. FL.SA	4	100.21		400.84
1400842H1	HO56 HYD OIL	2	94.39		188.78
3042934R1	RING *	1	14.65		14.65
419-15-14860	O-RING	1	4.92		4.92
419-15-14870	GASKET	1 M	2.83		2.83
424-13-11110	O-RING	1	26.79		26.79

CONTINUED ON PAGE 06

Branch Kansas City, KS		
Date 09/14/16	Time 13:12:58 (O)	Page 06
Account No. PRECI009	Phone No. 8166974194	Invoice No. S35528
Ship Via PARTS 8/17/16	Purchase Order STEVE	
Sales Tax No.		
		Salesperson SCA

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
C006151 WA180-1	7326	A76330		
RTL S				
707-44-12180 PISTON RING	2	70.17		140.34
707-51-70030 *PACKING	2	23.30		46.60
707-52-15430 BUSHING	2	46.72		93.44
707-56-70540 DUST SEAL P	2	42.91		85.82
711-58-00111U TORQ CONVERTOR	1	2250.00		2250.00
		PARTS		3929.48
		LABOR		2400.00
10355001		REPAIR TOTAL==>		6329.48

REPAIR# 3 S JAS NA 06/01/16 05/31/16

HYD LEAK

CAUSE:

HOSES LEAKING AT CRIMP

CONTROL VALVE SEALS LEAKING ADVISED TO REPAIR

CORRECTION:

8/10 LOADED THE TRUCK AND DROVE TO THE MACHINE. CUSTOMER SAID THE LEAK WAS AT THE ORBITAL VALVE. REMOVED THE COVER AND CLEANED THE AREA. FOUND NO HYDRAULIC OIL IN THE SIGHT GLASS, FILLED IT WITH 10 GALLONS. STARTED THE MACHINE. TURNED LEFT AND RIGHT TO STOPS, OK AND NO LEAKS. THE DRIVER ON SITE SAID THE LEAK WAS UNDER THE SEAT AND FOR THE LIFT CYLINDER BUT IT WAS FIXED LAST NIGHT. RAISED THE BUCKET AND FOUND A LEAK AT THE HOSE CONNECTIONS, TIGHTENED. RAN IT OVER RELIEF AND FOUND A SEVERE LEAK AT A CRIMP FOR THE RIGHT LIFT CYLINDER FOR THE RAISE FUNCTION. REINSTALLED THE COVER. THE MACHINE HAS SEVERAL LEAKS AND NEEDS TO BE POWER WASHED. ALL HOSES APPEAR WORN AND AGED. ORDERED A NEW HOSE FOR THE LIFT CYLINDER. SPOKE WITH THE OPERATOR ON SITE AND INFORMED HIM OF THE MACHINE'S CONDITION. LOADED THE TRUCK AND RETURNED TO THE SHOP.

CONTINUED ON PAGE 07

Branch Kansas City, KS		
Date 12/17/14	Time 11:57:55 (O)	Page 01
Account No. PRECI009	Phone No. 816 6974194	Invoice No. S31418
Ship Via	Purchase Order ETHAN	
Sales Tax No.		
		Salesperson JLD

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
C006151	WA180-1	7326 A76330		
	RTL			

REPAIR# 1 S RCS NA 10/30/14 10/31/14

REPAIR RADIATOR LEAK

COMPLAINT:

RADIATOR LEAKIG

CAUSE:

SEAL IS ON LOWER TANK AND CORE BAD

CORRECTION:

BRING MACHINE INTO SHOP. REMOVE AND INSTALL HOOD AND FAN GAURD.

DRAIN AND FILL RADIATOR. REMOVE AND INSTALL RADIATOR. SENT OUT RADIATOR FOR REPAIR. CUSTOMER CHOOSE NOT TO REPAIR RADIATOR BUT PURCHASE USED RADIATOR. REPLACE RADIATOR. RUN AND CHECK. RINSE OFF MACHINE. CLEAN UP WORK AREA.

ADDITIONAL DESCRIPTION:

KCK SHOP / CUSTOMER COD

FCA053	ANTI FREEZE	7	9.66	67.62
FRTIN	INBOUND FRT	4	97.50	390.00
01010-E0885	BOLT	2	3.87	7.74
01580-10806	NUT	2	.51	1.02
01643-50823	WASHER	4	.55	2.20
416-03-11170	CAP	1	35.87	35.87
416-03-12211	HOSE	1 N	107.50	107.50
417-03-A1210U	WA180 RADIATOR	1 M	1700.00	1700.00
6732-11-8181	GASKET	6	8.05	48.30
6732-71-6120	SEPARATO	1	19.61	19.61
6736-71-6220	SEAL, REC	1	4.42	4.42
6742-01-5380	CLAMP	2 N	3.05	6.10

PARTS 2390.38

LABOR 871.50

10355001 REPAIR TOTAL==> 3261.88

CONTINUED ON PAGE 02

Branch Kansas City, KS		
Date 12/17/14	Time 11:57:55 (O)	Page 02
Account No. PRECI009	Phone No. 816 6974194	Invoice No. S31418
Ship Via	Purchase Order ETHAN	
Sales Tax No.		
		Salesperson JLD

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
C006151	WA180-1	7326	A76330	
RTL				

REPAIR# 2 S KWP NA	10/30/14	11/03/14		
QUICK COUPLER INOP				
<u>COMPLAINT:</u>				
QUICK COUPLER INOP				
<u>CAUSE:</u>				
SOLENOID BAD				
<u>CORRECTION:</u>				
REMOVE AND INSTALL GUARD. TEST ELECTRICAL FOUND THAT POWER				
WAS GETTING TO SOLENOID. BUT SOLENOID WAS BAD. REPLACE				
SOLENOID. AND TEST COUPLER IS RELEASING.				
A50890-24	SOLENOID 24V	1	767.20	767.20
			PARTS	767.20
			LABOR	282.80
10355001		REPAIR TOTAL==>		1050.00

REPAIR# 3 S RCS NA	10/31/14	11/04/14		
HEAD GASKET LEAKING				
<u>CAUSE:</u>				
HEAD GASKET LEAKING				
<u>CORRECTION:</u>				
REMOVE AND INSTALL HEAD. CLEAN AND INSPECT PARTS. ASSEMBLE				
WITH NEW HEAD GASKET AND SEALS. REPLACE FUEL IT WAS				
LEAKING. AND REPLACE WATER PUMP.				
TB1207C	SIL.GASK	1	19.92	19.92
1317956H1	GSKT OIL DRAIN	1	3.15	3.15
6731-62-1110	WATER PUMP K	1	315.66	315.66
6732-71-6112	CARTRIDGE, FU	1	11.04	11.04
6735-11-1821	GASKET	1	159.73	159.73
6735-11-4440	PIPE AIR INL	1	98.57	98.57
6735-61-1690	KIT, THERMOST	1	52.71	52.71

CONTINUED ON PAGE 03