

Service Invoice

Invoice SI000228138
Date 9/15/2022
Call Number SC00164904
Location Atlantic
Page 1 / 2

FILL

Invoice Account

1581000

Payment

AR - Net 10th of the
Following Month

Due Date

10/10/2022

Customer PO

Customer EQ

963

Model

963D

Serial Number

LCS01054

Equipment ID

J1384

Segment SMU

6,785

SC00164904-002 Repair - Oil Leak

Cause of failure: valve cover base cracked

Repair process comments: Raised the cab on the machine. Removed the injector lines and the base. Drilled the broken bolts out and installed the new base. Installed the injector lines and installed the valve cover with new bolts. Lowered the cab and ran the machine. Checked for leaks. No leaks found. The repair was complete.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	3173064	Gasket-Cover		
1.00	Parts	3096664	Gasket-Cover		
6.00	Parts	2984550	Bolt		
9.00	Parts	2775031	Bolt		
1.00	Parts	3172717	Base Gp		
	Labor		Labor		

Credit card payments are only accepted at Point of Sale
A service charge of 1 1/2% per month will be assessed on all past due accounts.

Invoice
Date
Account

SI000228138
9/15/2022
1581000

Amount Due:

\$1,407.49

Amount Enclosed:

Invoice Account
1581000

Payment
AR - Net 10th of the
Following Month

Due Date
2/10/2022

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	963	963D	LCS01054	J1384	6,671

SC00157835-001 Replace Gasket/Reseal - Clam Cylinder

Repair process comments: disassembled. Rod was broken off inside barrel (replaced with reman- partial core). Cleaned
parts. Finished quoted. Re-assembled cylinder. Torqued nut to 800 ft lbs. Tested cylinder. No leaks.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	2892935	Seal As-Buff		
1.00	Parts	4214023	Seal-U-Cup		
1.00	Parts	1K7095	Ring		
1.00	Parts	3081845	Seal-Wiper		
1.00	Parts	2H3928	Seal		
1.00	Parts	4J3745	Ring-Wear		
1.00	Parts	4T5613	Ring		
1.00	Parts	4958197	Seal As		
	Labor		Labor		

Credit card payments are only accepted at Point of Sale
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Invoice
Date
Account

SI000129162
1/25/2022
1581000

Amount Due:

\$1,526.26

Amount Enclosed:

Invoice Account

1581000

Payment

AR - Net 10th of the
Following Month

Due Date

2/10/2022

Customer PO

Customer EQ

963

Model

963D

Serial Number

LCS01054

Equipment ID

J1384

Segment SMU

6,671

SC00149075-001 Troubleshoot - Fuel System

Repair process comments: Operated machine and noticed machine would crank for a long time before firing. Plugged off fuel rail 1 injector at a time and found that 4 of the 6 injectors had high leak off causing low rail pressure when cranking, all 6 injectors needed to be replaced.

Quantity	Type	Part Number	Description	Unit Price	Amount
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Labor

Labor

Labor:

Segment Subtotal:

Credit card payments are only accepted at Point of Sale
A service charge of 1 1/2% per month will be assessed on all past due accounts.

Invoice
Date
Account

SI000126526
1/17/2022
1581000

Amount Due:

\$4,798.79

Amount Enclosed:

Invoice Number: SW590035749

Date: 10/30/20

Account No.: 1581000

Page: 2

Quantity	Item	N/R	Description	Unit Price	Extended
TROUBLESHOOT HYDRAULIC CONTROL VALVE REPAIR PROCESS COMMENTS: RAN MACHINE AND CHECKED OPERATION. FOUND BUCKET DRIFTING BACK . CONNECTED ET TO MACHINE AND CHECKED JOY STICK FOR OPERATION. FOUND WHEN JOY STICK IS CENTERED IT READS BUCKET RACK BACK AT 16%. (SHOULD BE 0%). TRIED TO CALIBRATE JOYSTICK. (FAILED) ORDERED NEW JOYSTICK. CUSTOMER TO INSTALL JOYSTICK.					
	TOTAL LABOR		SEG. 01		*
	SEGMENT 01 TOTAL				T

ORDER PARTS					
1 438-8697	CONT GP-JOYS	N			
	TOTAL PARTS		SEG. 02		*
	SEGMENT 02 TOTAL				T

TRAVEL TO/FROM MACHINE					
12.00	TOTAL LABOR		SEG. 99		*
	TRAVEL MILEAGE				
	TOTAL MISC CHGS		SEG. 99		*
	SEGMENT 99 TOTAL				T

	SERVICE SUPPLIES AND ENVIRONMENTAL CHARGES				T
	DUE BY 10TH OF THE NEXT MONTH				
	INVOICE TOTAL			1,232.46	

Invoice Number: SW590035273 Date: 9/24/20 Account No.: 1581000 Page: 2

Quantity	Item	NR	Description	Unit Price	Extended
RESEAL LIFT/HOIST CYLINDER REPAIR PROCESS COMMENTS: DISASSEMBLED CYLINDER. ROD BROKE OFF IN THE THREADS AREA, NUT WITH PART OF THE ROD WAS LODGED IN THE BOTTOM OF THE BARREL, WIPER WORN - DIRT IN THE HEAD. CLEANED PARTS. PULLED STUCK PARTS OUT OF BARREL. HAD TO BUFF DOWN SOME ROUGH AREAS AT BOTTOM OF BARREL. HONED BARREL. ASSEMBLED ROD PACK. PUT HEAD AND PISTON ON ROD. TORQUE NUT TO 797 FT LBS. PUT ROD IN BARREL. TORQUE HEAD BOLTS TO 177 FT LBS. TESTED CYLINDER - NO LEAKS.					
2	7K-9202	SEAL	S		
1	326-0501	KIT-SEAL-H.C	N		
TOTAL PARTS			SEG. 60		*
			F/R LBR		*
SEGMENT 60 TOTAL					T

EXTRA PARTS/LABOR/MIS FOR LIFT/HOIST CYLINDER					
1	0R-1524	ROD AS-REM	N		
1		CORE CHARGE	N		
1-		PARTIAL CRDT	N		
1	2J-3950	NUT	S		
1	4D-4248	WASHER	N		
1	7J-9688	BRG-SLEEVE	N		
1-	7J-9688	BRG-SLEEVE	N		
TOTAL PARTS			SEG. 61		*
SEGMENT 61 TOTAL					T

SERVICE SUPPLIES AND ENVIRONMENTAL CHARGES					T
DUE BY 10TH OF THE NEXT MONTH					

INVOICE TOTAL 1,579.40

rebuilt as a
spare

Invoice Number: SW590035099 Date: 9/09/20 Account No.: 1581000 Page: 2

Quantity	Item	N/R	Description	Unit Price	Extended
	ORDER PARTS CLAM CYLINDER				
1	2929043N		CYLINDER	N	
			TOTAL PARTS	SEG. 01	*
1.00			FREIGHT IOWA		
			TOTAL MISC CHGS	SEG. 01	*
			SEGMENT 01 TOTAL		T

DUE BY 10TH OF THE NEXT MONTH

INVOICE TOTAL 2,114.65

5858 hrs

Invoice Number: SW590034036 Date: 7/02/20 Account No.: 1581000 Page: 2

Quantity	Item	N/R	Description	Unit Price	Extended
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REPAIR AIR CONDITIONER

REPAIR PROCESS COMMENTS:

BEGAN DRAINING REFRIGRANT FROM SYSTEM,
DISCONNECTED LINES AND REMOVED A/C COIL FROM
MACHINE. INSTALLED NEW A/C COIL AND REASSEMBLED
A/C BOX. CONNECTED A/C LINES AND RECHARGED
SYSTEM. OPERATION VERIFIED A/C WAS WORKING
CORRECTLY.

REPAIR PROCESS COMMENTS:

RAN MACHINE AND CHECKED AIR CONDITIONER FOR
OPERATION. FOUND AIR CONDITIONER WORKING
INTERMITTENTLY. CHECKED WIRE HARNESS TO AIR
CONDITIONER COMPRESSOR. CHECKED OK. CHECKED HIGH
AND LOW PRESSURE SWITCHES. CHECKED OK. CHECK AIR
CONDITIONER COMPRESSOR AND FOUND OPEN CIRCUIT IN
AIR CONDITIONER COMPRESSOR. RECOVERED FREON FROM
AIR CONDITIONER SYSTEM. DISCONNECTED HOSES AND
WIRE HARNESS FROM AIR CONDITIONER COMPRESSOR.
REMOVED AIR CONDITIONER COMPRESSOR. INSTALLED NEW
AIR CONDITIONER COMPRESSOR. EVAPUATED SYSTEM AND
CHECKED FOR LEAKS. CHECKED OK. FILLED SYSTEM WITH
RECOVERED FREON. RAN MACHINE AND CHECKED FOR
OPERATION. CHECKED OK.

1	119-9631	SWITCH	S
1	255-6210	COIL AS EVAP	N
1	257-3226	DRYER	S
1	279-0850	ACTUATOR-ELE	S
1	501-1179	COMPRESSOR G	N

TOTAL PARTS SEG. 01

F/R LBR

SEGMENT 01 TOTAL

TRAVEL TO/FROM MACHINE

F/R LBR

32.00

TRAVEL MILEAGE

TOTAL MISC CHGS SEG. 99

SEGMENT 99 TOTAL

SERVICE SUPPLIES AND
ENVIRONMENTAL CHARGES

DUE BY 10TH OF THE NEXT MONTH

INVOICE TOTAL

2,761.77

Sold To:

Invoice Number: SW590033389

Page: 1

Date: 5/15/20

Account No.: 1581000

Ship To:

Invoice Information

WO Number: WN40655
WO Date: 4/07/20

Make: CATERPILLAR
Model: 963D
Serial: 0LCS01054

Store: ATLANTIC
Payment Terms: CHARGE
P/O Number:
Ship Via:
Invoice Type: 101010

PIN:
Id No: J1384
Cust Unit: 963

Meter: 5663.0

Invoice Summary

Parts:
Labor:
Misc:
Taxes:

Amount Due:

Invoice Total: 21,061.30

DUE BY 10TH OF THE NEXT MONTH

Credit card payments are only accepted at Point of Sale.

A service charge of 1 1/2 % per month will be assessed on all past due accounts.

To ensure proper credit, please detach this portion, at the perforation, and return with remittance.



Account Number: 1581000
Invoice Number: SW590033389
Invoice Date: 5/15/20

Amount Due:

\$21,061.30

Invoice Number: SW590033389 Date: 5/15/20 Account No.: 1581000 Page: 4

Quantity	Item	N/R	Description	Unit Price	Extended

1.00	APPLY UNDERCARRIAGE DISCOUNTS		NATUC3055@10%		-
	TOTAL MISC CHGS		SEG. 96		-*
	SEGMENT 96 TOTAL				-T

1.00	TRANSPORT		TRANSPORT HAUL		
1.00	TRANSPORT		TRANSPORT HAUL		
	TOTAL MISC CHGS		SEG. 97		*
	SEGMENT 97 TOTAL				T

	SERVICE SUPPLIES AND ENVIRONMENTAL CHARGES				T

	DUE BY 10TH OF THE NEXT MONTH				
	INVOICE TOTAL				21,061.30

	TOTAL PARTS		SEG. 02		3.33 *
	SEGMENT 02 TOTAL				266.92 T

	REMOVED TRACK ADJUSTER FROM HOUSING. CLEANED AND REPLACED SEAL ON RAIL AND THEN REMOVED OLD LEP. RAIL CLEANED SURFACE. INSTALLED NEW SEAL.				
	TOTAL PARTS		SEG. 03		12.34 *
	SEGMENT 03 TOTAL				71.72 T

	REMOVED TRACK ADJUSTER FROM HOUSING. CLEANED AND REPLACED SEAL ON RAIL AND THEN REMOVED OLD LEP. RAIL CLEANED SURFACE. INSTALLED NEW SEAL.				
	TOTAL PARTS		SEG. 04		38.23 *
	SEGMENT 04 TOTAL				321.33 T

	REMOVED TRACK ADJUSTER FROM HOUSING. CLEANED AND REPLACED SEAL ON RAIL AND THEN REMOVED OLD LEP. RAIL CLEANED SURFACE. INSTALLED NEW SEAL.				
	TOTAL PARTS		SEG. 05		321.33 *
	SEGMENT 05 TOTAL				17,476.74 T

Quantity	Item	N/R	Description	Unit Price	Extended
REMOVE & INSTALL TRACK ASSEMBLY BOTH SIDES					
REPAIR PROCESS COMMENTS: RAISED MACHINE AND INSTALLED STANDS. UNBOLTED TRACK PADS AND REMOVED TRACKS. WRAPPED AND SENT TO TRACK SHOP FOR NEW RAILS. BOTH SIDES. RECEIVED BACK. WRAPPED TRACKS AND INSTALLED TRACK LINK WITH TOOLING. INSTALLED ALL PADS AND BOLTS					
16	6Y-9024		BOLT	S	
16	9W-4381		NUT	S	
TOTAL PARTS				SEG. 01	
				F/R LBR	
SEGMENT 01 TOTAL					

REMOVE & INSTALL IDLER/IDLER WHEEL RIGHT					
REPAIR PROCESS COMMENTS: REMOVED RIGHT FRONT IDLER AND SET ASIDE TO REPAIR TRACK ADJUSTER. AFTER REPAIR, REINSTALLED.					
1	8T-4176		BOLT	S	
1	8T-4244		NUT	S	
TOTAL PARTS				SEG. 02	
				F/R LBR	
SEGMENT 02 TOTAL					

RESEAL TRACK ADJUSTER					
REPAIR PROCESS COMMENTS: REMOVED TRACK ADJUSTER FROM HOUSING. CLEANED AND REPLACED SEAL ON RAM AND THEN REMOVED OLD LIP SEAL. CLEANED SURFACE. INSTALLED NEW SEAL. INSTALLED RAM AND FRONT IDLER					
1	2J-7426		SEAL	S	
1	8Y-0037		SEAL A	N	
1	8Y-5306		RETAINER	N	
TOTAL PARTS				SEG. 03	
				F/R LBR	
SEGMENT 03 TOTAL					

INSTALL UNDERCARRIAGE SHIELD					
REPAIR PROCESS COMMENTS: LOOKED OVER BOTH DRIVE AND FOUND AND REPLACED ALL LOOSE BOLTS					
1	254-5242		GUARD AS	N	
TOTAL PARTS				SEG. 04	
SEGMENT 04 TOTAL					

REPLACE TURBOCHARGER					

Invoice Number: SW590033389 Date: 5/15/20 Account No.: 1581000 Page: 3

Quantity	Item	N/R	Description	Unit Price	Extended
REPAIR PROCESS COMMENTS: REMOVED MUFFLER, MANIFOLD, TURBO, INTAKE AND EXHAUST MANIFOLD FROM MACHINE. CLEANED MATING SURFACE AND REINSTALLED IN REVERSE ORDER WITH ALL NEW PARTS.					
4	6I-0563		NUT	S	
1	20R-0468		TUBRO AS BAS	S	
1			CORE CHARGE	S	
1-			CORE CREDIT	S	
TOTAL PARTS			SEG. 05		*
			F/R LBR		*
SEGMENT 05 TOTAL					T

WASH MACHINE REPAIR PROCESS COMMENTS: WASHED MACHINE AND BOTH TRACKS.					
TOTAL LABOR			SEG. 06		*
SEGMENT 06 TOTAL					T

REPLACE WHEEL STUD/BOLT/NUT SEGMENT REPAIR PROCESS COMMENTS: LOOKED OVER BOTH DRIVE AND FOUND AND REPLACED ALL LOOSE BOLTS					
6	3S-8182		BOLT	S	
6	7H-3607		NUT	S	
TOTAL PARTS			SEG. 07		*
TOTAL LABOR			SEG. 07		*
SEGMENT 07 TOTAL					T

ORDER PARTS UNDERCARRIAGE SYSTEM ONE					
4	234-9699		LINK-TRACK	N	
2	256-9612		LINK AS TCK	N	
TOTAL PARTS			SEG. 80		*
SEGMENT 80 TOTAL					T

REMOVE, CLEAN & INSTALL. TRACK SHOE SYSTEM ONE CUSTOMER REQUESTED NEW LINK ASSEMBLIES. TRACK SHOE HARDWARE WAS REMOVED. SCRAPED SHOES AND PLACED ON RACKING. CLEANED AND PREPPED NEW RAILS. PLACED SHOES ON NEW RAILS AND TIGHTENED SHOE HARDWARE TO A TORQUE OF 370 FT. LBS. PLUS 1/3 TURN. PULLED OUT EACH TRACK GROUP AND ROLLED UP. TRACK #1 HW261A004 TRACK #2 HW262A004 SHOE WIDTH 18"					
			F/R LBR		*

Page: 1

Invoice Number: PC590069075

Date: 5/05/20

Account No.: 1581000

Ship To:

PSO Number: 59C077872
PSO Date: 4/10/20
Cust Unit/ID: 963

P/O Number:
Ship Via:
PIN:

Make: CATERPILLAR
Model: 963D
Serial: 0LCS01054

Quantity	Item	N/R	Description	Unit Price	Extended
49	264-1108		SHOE - TRACK TOTAL PARTS DUE BY 10TH OF THE NEXT MONTH	AT N	
INVOICE TOTAL					3,699.99

DUE BY 10TH OF THE NEXT MONTH

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To ensure proper credit, please detach this portion, at the perforation, and return with remittance.



Account Number: 1581000
Invoice Number: PC590069075
Invoice Date: 5/05/20

Amount Due:

\$3,699.99

Sold To:

Invoice Number: PR590009379

Page: 1

Date: 4/21/20

Account No.: 1581000

Ship To:

PSO Number: 59R010167
PSO Date: 4/20/20
Cust Unit/ID:

P/O Number:
Ship Via:
PIN:

Make:
Model:
Serial:

Quantity	Item	N/R	Description	Unit Price	Extended
PARTS SALES PERSON: [REDACTED]					
1-	20R-0468		TUBRO AS BAS	S	[REDACTED]
1-	20R-0468		CORE CREDIT	S	[REDACTED]
			TOTAL PARTS		T
			* * * CREDIT MEMO * * *		
			DUE BY 10TH OF THE NEXT MONTH		
			INVOICE TOTAL		2,578.95CR

DUE BY 10TH OF THE NEXT MONTH

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Account Number: 1581000
Invoice Number: PR590009379
Invoice Date: 4/21/20

Amount Credited:

\$2,578.95CR

Sold To:

Invoice Number: PR590009352

Date: 4/14/20

Account No.: 1581000

Ship To:

PSO Number: 59R010132 P/O Number:
PSO Date: 4/13/20 Ship Via:
Cust Unit/ID: 963 PIN:

Make: CATERPILLAR
Model: 963D
Serial: 0LCS01054

Quantity	Item	N/R	Description	Unit Price	Extended
PARTS SALES PERSON:			AT		
49- 264-1108			N		
			SHOE - TRACK		
			TOTAL PARTS		
			* * * CREDIT MEMO * * *		
			DUE BY 10TH OF THE NEXT MONTH		
			INVOICE TOTAL		3,699.99CR

DUE BY 10TH OF THE NEXT MONTH

Credit card payments are only accepted at Point of Sale.

A service charge of 1 1/2 % per month will be assessed on all past due accounts.

To ensure proper credit, please detach this portion, at the perforation, and return with remittance.



Account Number: 1581000
Invoice Number: PR590009352
Invoice Date: 4/14/20

Amount Credited:

\$3,699.99CR

Sold To:

Invoice Number: PC590067986

Date: 3/27/20

Account No.: 1581000

Ship To:

PSO Number: 59C077284 P/O Number:
PSO Date: 3/23/20 Ship Via:
Cust Unit/ID: PIN:

Make:
Model:
Serial:

Quantity	Item	N/R	Description	Unit Price	Extended
PARTS SALES PERSON: [REDACTED] AT					
1	277-9940		*SEAL-O-RING	S	
1	278-0017		*GASKET	S	
1	437-4170		GASKET	S	
5	61-0217		BOLT	S	
1	141-8589		*GASKET	S	
2	416-7727		*GASKET	S	
2	358-6475		WASHER	S	
2	208-7448		CLAMP-T' BOLT	S	
1	216-4983		CLAMP-T' BOLT	S	
1	368-8557		TUBE GP-OIL	N	
1	277-9938		BOLT-BANJO	N	
1	420-2372		LINE AS	N	
12	238-8292		BOLT-FLANGED	N	
12	286-7851		SPACER	N	
1	320-2345		ELBOW	N	
1	290-5642		MUFFLER AS.	N	
1	388-7010		CLAMP-BENT B	N	
1	388-9525		CLAMP-BENT B	N	

DUE BY 10TH OF THE NEXT MONTH

Credit card payments are only accepted at Point of Sale.

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To ensure proper credit, please detach this portion, at the perforation, and return with remittance.



Account Number: 1581000
Invoice Number: PC590067986
Invoice Date: 3/27/20

Amount Due:

\$4,931.98

Invoice Number: PC590065866

Date: 12/05/19

Account No.: 1581000

Ship To:

PSO Number:	59C074954	P/O Number:
PSO Date:	12/03/19	Ship Via:
Cust Unit/ID:	963	PIN:

Make: CATERPILLAR
Model: 963D
Serial: 0LCS01054

Cust Unit/ID: 963		PIN:		Serial		Unit Price		Extended	
Quantity	Item	N/R	Description						
PARTS	SALES PERSON: [REDACTED]			AT					
1	292-9043		CYL GP-0114-	N					T
			TOTAL PARTS						
			DUE BY 10TH OF THE NEXT MONTH						
			INVOICE TOTAL					3,553.82	

5468 Hrs

DUE BY 10TH OF THE NEXT MONTH

Credit card payments are only accepted at Point of Sale.

A service charge of 1 1/2 % per month will be assessed on all past due accounts.

To ensure proper credit, please detach this portion, at the perforation, and return with remittance.



Account Number: 1581000
Invoice Number: PC590065866
Invoice Date: 12/05/19

Amount Due:

\$3,553.82

Amount Enclosed:

Sold To:

Page: 1

Invoice Number: SW590027166

Date: 1/24/19

Account No.: 1581000

Ship To:

Invoice Information

WO Number: WN36829
WO Date: 12/06/18

Store: ATLANTIC
Payment Terms: CHARGE
P/O Number:
Ship Via:
Invoice Type: 101010

Make: CATERPILLAR
Model: 963D
Serial: 0LCS01054
PIN:
Id No: J1384
Cust Unit: 963
Meter: 4880.0

Invoice Summary

Parts:
Labor:
Misc:
Taxes:

Amount Due:

Invoice Total: 18,914.45

DUE BY 10TH OF THE NEXT MONTH

A service charge of 1 1/2 % per month will be assessed on all past due accounts.

To ensure proper credit, please detach this portion, at the perforation, and return with remittance.



Account Number: 1581000
Invoice Number: SW590027166
Invoice Date: 1/24/19

Amount Due:

\$18,914.45

Invoice Number: SW590027166

Date: 1/24/19

Account No.: 1581000

Page: 2

Quantity	Item	NR	Description	Unit Price	Extended
REPLACE VALVE COVER BASE					
REPAIR PROCESS COMMENTS:					
AIR CLEANER REMOVED. AIR LINES REMOVED. DURING					
REMOVAL OF VALVE COVER FOUND HOMEMADE VALVE COVER					
HOLD DOWN. HOLD DOWN REMOVED ON SEGMENT 11.					
MULTIPLE BOLTS HAD TO BE CUT OFF ON SEGMENT 11					
DUE TO INSERTS SPINNING IN BASE. FOUND VALVE					
COVER TO ALSO BE CRACKED. VALVE COVER REPLACED ON					
SEGMENT 11. FUEL LINES REMOVED. FUEL FITTINGS					
CAPPED. VALVE COVER BASE REMOVED. MATTING SURFACE					
OF CYLINDER HEAD CLEANED. NEW VALVE COVER BASE					
AND SEAL INSTALLED. NEW FUEL LINES INSTALLED. NEW					
VALVE COVER INSTALLED. AIR LINES REINSTALLED. AIR					
CLEANER REINSTALLED. MACHINE RAN TO ENSURE PROPER					
OPERATION AND TO CHECK FOR LEAKS.					
2	277-5031		BOLT	N5	
3	277-5064		O-RING	S5	
1	309-6664		GASKET-COVER	N5	
3	316-9351		MOUNT-FIR TR	N5	
1	317-2717		BASE GP	N5	
1	317-3064		GASKET-COVER	S5	
2	395-1633		BRACKET AS	S5	
TOTAL PARTS				SEG. 01	
TOTAL LABOR				SEG. 01	
SEGMENT 01 TOTAL					

REMOVE & INSTALL TRACK ROLLER FRAME					
LEFT					
REPAIR PROCESS COMMENTS:					
TRACK DETENSIONED. MULTIPLE TRACK PADS REMOVED TO					
ALLOW ACCESS FOR PRESS AND TOOLING. TRACK PRESS					
AND TOOLING INSTALLED. TRACK LINKS REMOVED. TRACK					
SEPARATED. MACHINE JACKED UP AND PLACED ON					
STANDS. TRACK REMOVED FROM MACHINE. TRACK FRAME					
HOOKED UP TO SHOP HOIST. REMOVAL OF EQUALIZER BAR					
PIN ON SEGMENT 10. PIVOT SHAFT PLATE AND PIVOT					
SHAFT RETAINER REMOVED. TRACK FRAME REMOVED FROM					
MACHINE. TRACK FRAME INSTALLED IN REVERSE ORDER.					
OIL ADDED TO PIVOT SHAFT.					
1	3W-8572		PIN A	N5	
16	6Y-9024		BOLT	S5	
28	9W-4381		NUT	S5	
TOTAL PARTS				SEG. 02	
TOTAL LABOR				SEG. 02	
SEGMENT 02 TOTAL					

REMOVE & INSTALL TRACK ADJUSTER					
LEFT					
REPAIR PROCESS COMMENTS:					
TRACK REMOVED ON SEGMENT 02. FRONT IDLER PIN					
REMOVED FROM ADJUSTER. LOWER MOUNTING BOLTS					
REMOVED. DURING REMOVAL OF MOUNTING BOLTS THREADS					
WERE DAMAGED. TRACK FRAME SENT TO GET REPAIRED ON					
SEGMENT 82. FRONT IDLER REMOVED. ADJUSTER					
MOUNTING BOLTS REMOVED. PUSHER BOLTS ORDERED.					
PUSHER BOLTS USED TO REMOVE TRACK ADJUSTER FROM					

Quantity	Item	N/R	Description	Unit Price	Extended
<p>TRACK FRAME. TRACK ADJUSTER WASHED AND SENT TO SPEC SHOP TO BE REPAIRED ON SEGMENT 81. TRACK ADJUSTER WAS REINSTALLED IN REVERSE ORDER. TRACK ADJUSTER MOUNT BOLTS TORQUED TO SPEC. FRONT IDLER MOUNTING BOLTS TORQUED TO SPEC. TRACK PAD MATING SURFACES CLEANED. TRACK PADS TORQUED AND TORQUE TURNED TO SPEC. TRACK TENSIONED.</p>					
	TOTAL LABOR		SEG. 03		*
	SEGMENT 03 TOTAL				T
<p>-----</p> <p>RESEAL PIVOT SHAFT REPAIR PROCESS COMMENTS: OLD SEAL REMOVED. FOUND THAT SHAFT AND RING WERE PITTED. CUSTOMER REQUESTED FOR PITS ON SHAFT TO BE FILLED WITH EPOXY AND TO REPLACE THE RING. PIVOT SHAFT RING REMOVED. PIVOT SHAFT THOROUGHLY CLEANED. EPOXY MIXED AND APPLIED TO PIVOT SHAFT AND LEFT TO HARDEN. EPOXY SANDED DOWN FLUSH WITH SHAFT TO ONLY FILL LOW SPOTS. NEW RING INSTALLED. NEW SEAL INSTALLED. TRACK FRAME INSTALLED ON SEGMENT 02. OIL ADDED TO PIVOT SHAFT. PIVOT SHAFT NO LONGER LEAKING.</p>					
1	2Q-5468		RING	N5	
1	5P-1979		SEAL-O-RING	S5	
1	8Y-6151		PLATE	N5	
1	266-7459		SEAL	N5	
	TOTAL PARTS		SEG. 05		*
	TOTAL LABOR		SEG. 05		*
.50	CAT TDTO 30W GAL				
	TOTAL MISC CHGS		SEG. 05		*
	SEGMENT 05 TOTAL				T
<p>-----</p> <p>PERFORM MAINTENANCE ON LEVEL-1 PM ZIEGLER'S SITE ***** PREVENTIVE MAINTENANCE SERVICE *****</p>					
	YOUR MACHINE MAINTENANCE WAS COMPLETED USING OUR CUSTOMIZED INSPECTION CHECK LIST. THIS SERVICE INCLUDES THE LABOR, PARTS, FLUIDS AND OIL SAMPLES.				*
<p>REPAIR PROCESS COMMENTS: ENGINE OIL SAMPLE TAKEN. ENGINE OIL DRAINED. ENGINE OIL FILTER PLACED. FUEL FILTERS REPLACED. MACHINE GREASED. ENGINE OIL ADDED TO MACHINE. MACHINE RAN TO ENSURE PROPER OIL LEVELS AND TO CHECK FOR LEAKS.</p>					
1	306-9199		FILTER AS	S5	
1	319-0844		FILTER AS	S5	
1	462-1171		FILTER-LUBE	S5	
1	4526001		GREASE-ULT MOLY #2	S5	
1	5153974		CAT DEO-ULS 15W40	S5	
	F/R ALL				*
	SEGMENT 06 TOTAL				T
<p>-----</p> <p>CLEAN MACHINE</p>					

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Quantity	Item	N/R	Description	Unit Price	Extended
REPAIR PROCESS COMMENTS: GUARDS ON TRACK FRAME REMOVED. LARGE AMOUNTS OF DEBRIS REMOVED USING A SHOVEL. MACHINE POWER WASHED. DEBRIS DUG OUT OF TRACK FRAMES. WASH BAY CLEANED. FALLEN DEBRIS CLEANED OFF OF FLOOR DURING REPAIR PERIOD.					
TOTAL LABOR			SEG. 07		
SEGMENT 07 TOTAL					
REPLACE TRACK GUIDE/GUARD REPAIR PROCESS COMMENTS: TRACK GUIDES REMOVED. NUTS REMOVED FROM RODS. RODS AND TUBES REMOVED. NEW TUBES, RODS, NUTS, AND WASHERS INSTALLED IN TRACK GUIDES.					
2	3W-8134		ROD	S5	
2	7P-4695		TUBE	S5	
4	8T-4122		WASHER	S5	
4	8T-4132		NUT	S5	
TOTAL PARTS			SEG. 09		
TOTAL LABOR			SEG. 09		
SEGMENT 09 TOTAL					
SALVAGE TRACK ROLLER FRAME REPAIR PROCESS COMMENTS: PRESS USED TO PULL EQUALIZER BAR PIN OUT. PIN HAD TO THEN BE REPLACED DUE TO NUT BEING WELDED TO IT. RIGHT SIDE TRACK ADJUSTER WOULD NOT RELEASE TENSION. PORT-A-POWER HAD TO BE USED TO PUSH TRACK ADJUSTER BACK. BOLT HOLES HAD TO BE CLEANED ON GUARDS.					
6	3K-9770		NUT	S5	
2	5P-8715		BOLT	N5	
6	8T-4123		WASHER	S5	
4	8T-6381		BOLT	N5	
2	213-5007		BOLT-HEX HD	S5	
1	21425		FIXMASTER FAST 4GMS5		
TOTAL PARTS			SEG. 10		
TOTAL LABOR			SEG. 10		
SEGMENT 10 TOTAL					
EXTRA PARTS/LABOR/MIS FOR VALVE COVER REPAIR PROCESS COMMENTS: VALVE COVER AND VALVE COVER BOLTS INSTALLED ON SEGMENT 01.					
2	277-5031		BOLT	N5	
1	317-3065		COVER GP-MEC	N5	
TOTAL PARTS			SEG. 12		
SEGMENT 12 TOTAL					
REMOVE & INSTALL TRACK ROLLER REPAIR PROCESS COMMENTS:					

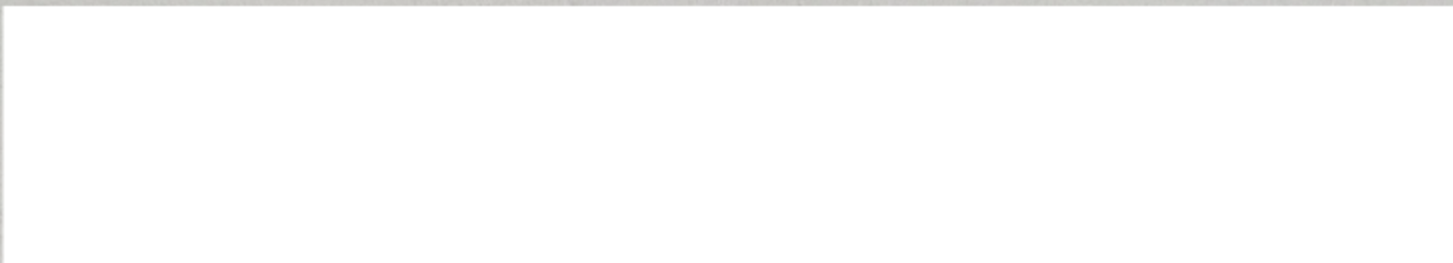
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Quantity	Item	N/R	Description	Unit Price	Extended
LEFT SIDE TRACK REMOVED ON SEGMENT 02. TRACK ROLLERS REMOVED. MATING SURFACES CLEANED. BOLT HOLES TAPPED. NEW ROLLERS INSTALLED. BOLTS INSPECTED BOLTS THAT WERE DAMAGED WERE REPLACED. BOLTS TORQUED TO SPEC. RIGHT SIDE TRACK REMOVED USING PRESS AND TRACK TOOLING. TRACK REMOVED FROM MACHINE. ROLLERS REMOVED. MATING SURFACES CLEANED. BOLT HOLES TAPPED. NEW ROLLERS INSTALLED AND TORQUED TO SPEC.					
12	6Y-9024		BOLT	S5	
29	8T-0360		BOLT	S5	
14	235-4157		ROLLER GP-TR	N5	
TOTAL PARTS				SEG. 13	
				F/R LBR	
SEGMENT 13 TOTAL					

REPLACE GASKET / SEAL TRACK ADJUSTER CUSTOMER HAS TROUBLE HOLDING TRACK TENSION. RUSTED PISTON AND CYLINDER. CYLINDER BORE STEPPED IN SEVERAL SPOTS INSIDE WHERE PISTON RIDES. BROUGHT TRACK ADJUSTER INTO TRACK SHOP AND SET UP ON WORK BENCH. BEGAN DISASSEMBLY OF ADJUSTER AND SUPPORT. ONCE APART THE PARTS WERE CLEANED. GREASE HAD TO BE SCOOPED OUT OF THE CYLINDER BORE. INSPECTED PARTS AND DREW UP A PARTS LIST. ORDERED PARTS. NEW SEALS AND RETAINERS WERE INSTALLED ON TO THE SUPPORT AND TRACK TENSIONER. ASSEMBLED THE TENSION AND SUPPORT ASSEMBLIES AND PLACED ON A PALLET AND BANDED.					
1	2J-6274		SEAL O RING	S5	
1	2J-7426		SEAL	S5	
4	3B-8489		ADAPTER STR	S5	
1	3W-8158		PISTON A	S5	
1	3W-8160		PISTON A	S5	
1	3W-8177		RETAINER	S5	
2	7K-9202		SEAL	S5	
1	7P-7245		VALVE	S5	
2	7X-4799		SEAL O RING	S5	
1	8Y-0037		SEAL A	S5	
1	8Y-5306		RETAINER	S5	
2	9X-7714		SEAL	S5	
TOTAL PARTS				SEG. 81	
				F/R LBR	
SEGMENT 81 TOTAL					

SALVAGE TRACK ROLLER FRAME RAN A TAP THROUGH 6 HOLES					
TOTAL LABOR				SEG. 82	
SEGMENT 82 TOTAL					

APPLY UNDERCARRIAGE DISCOUNTS 2.00-					
				NATUC54@30%	
TOTAL MISC CHGS				SEG. 96	



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Quantity	Item	N/R	Description	Unit Price	Extended
			SEGMENT 96 TOTAL		T
1.00-			MKT BASED ADJUST		
			TOTAL MISC CHGS	SEG. 97	*
			SEGMENT 97 TOTAL		T
2.00	TRANSPORT MACHINE		TRANSPORT HAUL		
			TOTAL MISC CHGS	SEG. 98	*
			SEGMENT 98 TOTAL		T
			SERVICE SUPPLIES AND ENVIRONMENTAL CHARGES		T
			DUE BY 10TH OF THE NEXT MONTH		
			INVOICE TOTAL		18,914.45



#440

