

Ship to: N/A

Date	Time	Page
10/03/22	21:23:58 (B)	01
Account No.	Phone No.	Invoice No.
4174031		W6195301
Ship Via	Purchase Order	
Tax Exemption Number	Federal ID Number	
Salesperson		

Invoice to:

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
X827366		PBA01708		
CRAWLER DOZER	7113			
D6N LGP				

SEGMENT# 1 C P1101 NA 09/12/22 09/12/22

Remove and install complete undercarriage

CONDITION:

Block machine, remove tracks, rollers, and idlers.

Look over machine.

Clean and reinstall new rollers, idlers, and tighten to spec.

Remove sprockets and inspect mounting hub surface.

install new sprockets with new hardware and torque to spec.

Wrap tracks and tension to spec, lap yard and recheck.

CORRECTION:

- Drove tracks off machine.
- Raised front of machine and placed stands.
- Raised rear of machine and placed stands.
- Drove master pads to rear idler.
- Released track tension.
- Used crane to suck idlers in all the way.
- Removed pads.
- Cut track chains off.
- Raised blade.
- Discarded old sprockets.
- Removed rock guards.
- Removed bottom rollers.
- Wire wheeled mating surface for sprockets.
- Installed new sprockets with new hardware.
- Applied anti seize to sprocket hardware.
- Torqued sprockets to specifications.
- Removed and discarded idler guards.
- Removed idlers.

CONTINUED ON PAGE 02

Thank you for your business

Emp No.

Date
10/03/22

Time
21:23:58 (B)

Page
02

Account No.
4174031

Phone No.

Invoice No.
W6195301

Ship Via

Purchase Order

Invoice to:

Tax Exemption Number

Federal ID Number

Salesperson

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
X827366	CRAWLER DOZER	7113	PBA01708		
	D6N LGP				
	-Kept caps for front idlers.				
	-Following instructions kept spacers for front idlers.				
	-Installed new idlers.				
	-Torqued to specifications.				
	-Wire wheeled mating surfaces for bottom rollers.				
	-Applied anti seize to roller hardware.				
	-Torqued rollers to specifications.				
	-Reinstalled rock guards.				
	-Removed carrier roller hardware.				
	-Removed and discarded carrier rollers.				
	-Flapper wheeled carrier roller bores.				
	-Installed new carrier rollers.				
	-Tightened carrier rollers to specifications.				
	-Removed sprocket hardware.				
CR4589	IDLER			4	N
CR4799	TOP ROLLER			2	N
CR5875	SEG. GRP.			2	N
CR6152	S.F.ROLLER			8	N
CR6153	D.F.ROLLER			8	N
PM37562	ANTI-SEIZE COMP			1	
	ANTI-SEIZE Compound				
SPEC HANDLING				1	
1967074	WEAR STRIP			4	N
1967078	WEAR STRIP			4	N
2S5658	WASHER			50	N
233-0372	CAP AS-TCK			2	N
2330368	IDLER CAP			2	N
5P8247	WASHER			72	N
6A5591	BOLT, 12MMX25MM			24	N
6V0937	BOLT			50	N

CONTINUED ON PAGE 03

Thank you for your business

Ship to:

Date 10/03/22 Time 21:23:58 (B) Page 03
Account No. 4174031 Phone No. Invoice No. W6195301
Ship Via Purchase Order
Tax Exemption Number Federal ID Number
Salesperson

Invoice to:

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
X827366	CRAWLER DOZER D6N LGP	7113	PBA01708		
6V3303	BOLT, ROLLER	76	S		
7H3607	NUT	50	N		
7X2532	BOLT 20MM X 130	4	N		
8K0589	DOWEL	4	N		
8T0282	BOLT	8	N		
8T4123	WASHER	8	N		
8T4131	NUT	4	N		
8T4223	WASHER	24	N		

PARTS
LABOR

10101001

SEGMENT TOTAL==>

SEGMENT# 2 C P1101 NA 09/12/22 09/12/22

Build Track Groups

CONDITION:

Position new pads on chain.
Lubricate bolts and install.
Tighten to spec.

Sand paint from mating surface on new rail.

CORRECTION:

-Cleaned paint off mating surface of new track chains.
-Cleaned paint off bottom of new track pads.
-Positioned track pads on track chains.
-Greased and installed new hardware.
-Tightened track pads to track chains.

CR5450/34	34" 1BAR GR SR	90	N
CR5451/34	MASTER GR SR 1B	2	N
CR5465/46	SALT CHAIN	2	N
SPEC HANDLING		1	
01050023	NUT	8	

CONTINUED ON PAGE 04

Thank you for your business

Ship to:

Date 10/03/22 Time 21:23:58 (B) Page 04
Account No. 4174031 Phone No. Invoice No. W6195301
Ship Via Purchase Order
Tax Exemption Number Federal ID Number
Salesperson

Invoice to:

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
X827366	CRAWLER DOZER D6N LGP	7113	PBA01708		
01050030	BOLT		8		
1S1860	3/4 TRACK NUT		360 S		
6V1792	TRK BOLT		360 S		
			PARTS		
			LABOR		
10101001			SEGMENT TOTAL==>		

SEGMENT# 3 C P1101 NA 09/12/22 09/12/22
Convert from System one to conventional heavy duty

CONDITION:

Follow Cat procedure for converting system one
undercarriage to Heavy duty undercarriage.

CORRECTION:

- Pushed tracks under machine.
- Wrapped tracks.
- Connected master links.
- Torqued to specifications.
- Adjusted tracks.
- Drove machine around yard.
- Verified track sag.
- Customer should adjust tracks after a few days of normal operations.

204-6365	SPACER	12 N
205-6164	rear guide	2 N
239-8090	BLOCK-TCK ID	2 N
239-8091	BLOCK-TRK ID	2 N
	PARTS	
	LABOR	
10101001	SEGMENT TOTAL==>	

CONTINUED ON PAGE 05

Thank you for your business

Company:

Date	10/03/22	Time	21:23:58 (B)	Page	05
Account No.	4174031	Phone No.		Invoice No.	W6195301
Ship Via		Purchase Order			
Tax Exemption Number		Federal ID Number			
				Salesperson	

Invoice to:

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
X827366	CRAWLER DOZER	7113	PBA01708		

D6N LGP

SEGMENT# 4 C DGO01 NA 09/21/22 09/21/22

Remove and install both roller frames

CONDITION:

Roller frames to be removed for hard bar removal, and pivot shaft seals replacement.

CORRECTION:

- Once tracks were removed, Removed all retaining bolts from hard bar pins.
- Attached hoist to each frame.
- Used hammer and was able to remove one side, but the other side required to be torched out.
- Removed outer sealing cover for tracks frames via forcing screws.
- Removed inner Frame retaining bolts, and removed each frame from machine.
- Cleaned bores, and cut out existing bushings.
- Installed new bushings in frames.
- Installed frames on machine in reverse order.
- Filled pivot shafts with oil.

10101001

LABOR
SEGMENT TOTAL==>

SEGMENT# 5 C P1101 NA 09/21/22 09/22/22

Remove and install hardbar

CONDITION:

Remove belly pans, remove hard bar.

CORRECTION:

- After roller frames were removed we were allowed to check the hard bar.
- Hard bar was good to go.

CONTINUED ON PAGE 06

Thank you for your business

Date	10/03/22	Time	21:23:58 (B)	Page	06
Account No.	4174031	Phone No.		Invoice No.	W6195301
Ship Via		Purchase Order			
Tax Exemption Number		Federal ID Number			
				Salesperson	

Invoice to:

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
X827366	CRAWLER DOZER	7113	PBA01708		
	D6N LGP				

- Removed seals on ends of hard bar.
- Removed snap rings. (one snap ring didn't have the holes anymore)
- Used a die grinder to help remove more of the broken snap ring.
- Cleaned snap ring groove.
- Installed new snap rings.
- Installed new bushings.
- Installed other snap ring.
- Installed seals.
- Repeated process for other side of hard bar.

10101001	LABOR)
	SEGMENT TOTAL==>)

SEGMENT# 7 C DGO01 NA 09/21/22 09/22/22

Machining track frames

CONDITION:

Machining track frames both sides.

CORRECTION:

- Set up on track frame.
- Over size by .080.
- Hand weld bores.
- Cut bores to size of 2.367(.006 slip fit)
- Remove bearing supports.
- Cleaned excess welds.
- Greased and painted area.
- Prepped area on other track frame, and cleaned bores out.
- Cleaned up until pin fit as supposed to.
- Greased and painted bores.

LABOR
CONTINUED ON PAGE 07

Thank you for your business

Company:

Date 10/03/22 Time 21:23:58 (B) Page 07
Account No. 4174031 Phone No. Invoice No. W6195301
Ship Via Purchase Order
Tax Exemption Number Federal ID Number
Salesperson

Invoice to:

.....SERVICE INVOICE.....

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
X827366	CRAWLER DOZER	7113	PBA01708		
	D6N LGP				
10101001				SEGMENT TOTAL==>	

***** WORK ORDER TOTALS *****
PARTS
LABOR
SRV ACCESSORIES
WELD SUPPLIES
SUB TOTAL==>
MN SPECIAL TAX
MN STATE TAX
CUSTOMER TOTAL 41717.21

Thank you for your business