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Service Invoice

Invoice SI000143138
Date 3/3/2022
Call Number SC00124920
Location Willmar
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Sold to: POST FARMS
11521 165TH AVE SW
PRINSBURG, MN 56281-9728

Ship to: 4600 HIGHWAY 71 S
WILLMAR, MN 56201-4468

Invoice Account

0332470

Payment

AR - Net 10th of the
Following Month

Due Date

4/10/2022

Customer PO**Customer EQ**

95E

Model

95E

Serial Number

6KS00874

Equipment ID

B4767

Segment SMU

7,164

SC00124920-001 PMI - Machine

Customer complaint: PREVENTATIVE MAINTENANCE INSPECTION

Resultant damage: NONE

Cause of failure: INSPECTION

Repair process comments: PERFORMED PREVENTATIVE MAINTENANCE INSPECTION AND SUBMITTED THE INSPECTION THROUGH THE CAT INSPECT APP. TOOK SAMPLES OF ENGINE OIL, TRANSMISSION OIL, DIFFERENTIAL OIL, HYDRAULIC OIL, AND COOLANT.

Quantity Type Part Number

Labor

Description

Labor

Unit Price**Amount**

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4.00 Misc SAM
1.00 Misc COL

SOS - Oil Sample
Coolant Sample

Labor: 295.00

Misc: 80.00

Segment Subtotal: 375.00

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SC00124920-002 Repair - Track/Belt Tensioner - For Leaks

Customer complaint: TRACK TENSIONER PRESSURE ALARM GOING OFF. TRACK TENSIONERS HAVE HAD TO BE RECHARGED YEARLY FOR AWHILE AND NOW LEAK DOWN QUICKLY. CHECKED PRESSURES AND VERIFY WHICH TENSIONERS NEED TO BE RESEALED.

BOTH REAR PIN BUSHINGS ARE LOOSE. REPLACE THEM AS PART OF THE REPAIR.

Resultant damage: TRACK ALARM GOES OFF, NITROGEN LEAKS OFF

Cause of failure: LEAKING PISTON SEALS INSIDE THE TENSION CYLINDERS

Repair process comments: USED OIL PRESSURE TO DETENSION THE TRACKS

REMOVED THE FRONT PINS AND LOWERED TENSION CYLINDERS TO THE GROUND

REARED PINS - PINS WERE RUSTED IN SOLID

UNBOLTED BRACKETS FROM THE FRONT AXLE AND REMOVED TENSION CYLINDERS FROM THE TRACTOR

PRESSED REAR PINS OUT AFTER REMOVING CYLINDERS

DRAINED NITROGEN OUT OF THE CYLINDER

DRAINED OIL OUT OF CYLINDER

REMOVED CYLINDER CAP

UNBOLTED THE PISTON FROM THE ROD

PUSHED ROD OUT OF THE CYLINDER

TIPPED THE CYLINDER UP ON END

LIFTED OUT THE PISTON AND SPRING

SENT OFF THE CYLINDER FOR HONING

REPLACED SEALS ON THE PISTON, CYLINDER AND THE CYLINDER CAP

REASSEMBLED THE CYLINDER IN OPPOSITE ORDER REPLACING ALL SEALS AND BEARINGS ON THE PISTON

REBUILT THE OTHER CYLINDER IN THE SAME WAY

AFTER ALL REPAIRS THE TENSION CYLINDERS NO LONGER LEAK NITROGEN

Quantity	Type	Part Number	Description	Unit Price	Amount
2.00	Parts	7F2122	Seal-O-Ring	5.03	10.06
2.00	Parts	3K0360	Seal	1.23	2.46
2.00	Parts	3D2824	Seal O Ring	1.69	3.38
2.00	Parts	8T8383	Seal	10.40	20.80
3.00	Parts	4469333	Seal-Wiper	27.56	82.68
2.00	Parts	5M6708	Washer	5.12	10.24
2.00	Parts	3S6162	Washer	5.78	11.56
2.00	Parts	8F6230	Seal	6.77	13.54
2.00	Parts	5P9402	Bolt	31.92	63.84
2.00	Parts	6E1460	Seal A	54.99	109.98
4.00	Parts	6E1459	Seal A	21.05	84.20
2.00	Parts	1J5281	Ring	68.63	137.26
2.00	Parts	8C9200	Ring-Wear	8.97	17.94
2.00	Parts	1364381	Pin As	128.18	256.36
4.00	Parts	1K6985	Ring	13.04	52.16
2.00	Parts	6V5002	Bearing	104.14	208.28
4.00	Parts	5F7054	Seal	1.55	6.20
2.00	Parts	2V8260	Grommet	6.24	12.48
	Labor		Labor		8,231.50
Parts: 1,103.42		Labor: 8,231.50		Segment Subtotal: 9,334.92	

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SC00124920-003 Repair - Refrigerant Compressor - Mounting

Customer complaint: REPAIR THE A/C COMPRESSOR MOUNTING BRACKET FOR BEING LOOSE.

Resultant damage: BRACKETS WORE AWAY

Cause of failure: LOOSE BOLT ALLOWED FOR MOVEMENT, MOVEMENT WORE AWAY AT THE BRACKETS

Repair process comments: REMOVED THE COMPRESSOR AND OLD BRACKETS

INSTALLED NEW BRACKETS AND REINSTALLED THE COMPRESSOR

INSTALLED A NEW BELT AND TIGHTENED IT PROPERLY

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	7E3977	Plate	80.71	80.71
2.00	Parts	8T5412	Bolt	4.59	9.18
1.00	Parts	7E8917	Bracket	182.22	182.22
1.00	Parts	9Y7573	Plate	96.95	96.95
2.00	Parts	7E3976	Spacer	12.96	25.92
1.00	Parts	1599261	V-Belt	24.43	24.43
	Labor		Labor		371.25

Parts: 419.41

Labor: 371.25

Segment Subtotal: 790.66

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
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SC00124920-004 Repair - A/C System - Temperature

Customer complaint: TROUBLESHOOT AND REPAIR THE A/C FOR NOT COOLING

Resultant damage: NONE

Cause of failure: A/C SYSTEM OVERCHARGED

Repair process comments: RECOVERED REFRIGERANT

DUST CAPS MISSING FROM SERVICE PORTS, VALVES DIRTY/STICKY

REPLACED SERVICE PORT VALVES

PUT SYSTEM INTO A VACUUM FOR 45 MINS

CHARGED TO 4.4 LBS

TESTED A/C SYSTEM

HARD TO GET AN ACCURATE TEST IN THE COLD, PRESSURES ARE RIGHT, VENTS ARE COLD.

Quantity	Type	Part Number	Description	Unit Price	Amount
	Parts	8T4223	Washer	0.80	0.00
	Parts	8T4244	Nut	0.52	0.00
1.00	Parts	1985353	Fitting A-Ac	142.50	142.50
1.00	Parts	3E4057	Valve A	4.31	4.31
1.00	Parts	3E4051	Cap	2.26	2.26
1.00	Parts	3E4058	Valve A	6.43	6.43
1.00	Parts	3E4052	Cap	2.09	2.09
	Labor		Labor		572.00

Parts: 157.59

Labor: 572.00

Segment Subtotal: 729.59

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SC00124920-005 Repair - Headlight - Switch(s)

Customer complaint: REPAIR THE HEADLIGHT SWITCH FOR MISSING THE KNOB AND FOR THE RIGHT SIDE LOW BEAM HEADLIGHT NOT WORKING. TROUBLESHOOT AND REPAIR THE HEADLIGHTS INTERMITTENTLY SHUTTING OFF COMPLETELY.

Resultant damage: NONE

Cause of failure: 3 BLOWN HEAD LIGHT BULBS

Repair process comments: FOUND THE HEADLIGHT SWITCH KNOB IN THE CUP HOLDER

FILED THE SWITCH FLAT ON ONE SIDE SO THE SET SCREW HAS PURCHASE

REINSTALLED THE KNOB AND TIGHTENED THE SET SCREW

FOUND 3 BLOWN HEAD LIGHT BULBS

REMOVED THE BULBS AND TESTED FOR POWER

ALL HAD BAT VOLTAGE

INSTALLED NEW BULBS

SHOOK WIRING HARNESS WITH LIGHTS ON TO TEST FOR INTERMITTENT POWER TO LIGHTS, NONE OF THEM EVER SHUT OFF

Quantity	Type	Part Number	Description	Unit Price	Amount
2.00	Parts	1138886	Bulb-12V	5.60	11.20
	Parts	1083320	Switch A	127.99	0.00
	Labor		Labor		214.50
Parts: 11.20			Labor: 214.50	Segment Subtotal: 225.70	

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-006 Repair - Floodlight

Customer complaint: TROUBLESHOOT AND REPAIR BOTH FRONT FIELD LIGHTS (OUTER LIGHTS IN HEADLIGHT HOUSINGS), AND 3 REAR FIELD LIGHTS (ON CAB ROOF) NOT WORKING.

Resultant damage: NONE

Cause of failure: BLOWN LIGHT BULB AND CORRODED TERMINALS

Repair process comments: DISASSEMBLED LIGHT FIXTURES

REMOVED ALL LIGHT BULBS

CLEANED TERMINALS

INSTALLED NEW LIGHT BULBS

REASSEMBLED LIGHT FIXTURE

REPEATED FOR ALL LIGHTS

Quantity	Type	Part Number	Description	Unit Price	Amount
3.00	Parts	9W0607	Bulb	5.98	17.94
4.00	Parts	2286056	Screw	0.22	0.88
	Labor		Labor		214.50
Parts: 18.82			Labor: 214.50	Segment Subtotal: 233.32	

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-008 Remove - Action Alarm

Customer complaint: DISCONNECT THE ACTION ALARM PER CUSTOMER REQUEST.
 Resultant damage: NONE
 Cause of failure: NONE
 Repair process comments: LOOSENED THE DASH TO GAIN ACCESS TO THE ACTION ALARM
 DISCONNECTED WIRES TO THE ACTION ALARM
 PUT HEAT SHRINK ON THE WIRES AND TIED UP OUT OF THE WAY
 REINSTALLED THE ACTION ALARM SO THERE ISN'T A HOLE IN THE DASH
 BOLTED THE DASH BACK DOWN

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		143.00
Labor: 143.00				Segment Subtotal: 143.00	

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SC00124920-009 Perform Maintenance On - Machine

Customer complaint: PERFORM A PM3 MAINTENANCE. FLAT RATE PRICING IS NOT BEING USED TO SAVE MONEY. NO SAMPLES NECESSARY. NO INSPECTION NECESSARY.

CHANGE ENGINE OIL AND FILTER - 15W-40

CHANGE TRANSMISSION OIL AND FILTERS. INSPECT SUCTION SCREEN. - TDTO 30

CHANGE IDLER AND BOGIE OILS - AGCO SYN 50

CHANGE HYDRAULIC FILTERS. TOP OFF HYDRAULIC OIL WITH MTO IF NECESSARY BUT DO NOT CHANGE HYDRAULIC OIL

CHANGE ENGINE AND CABIN AIR FILTERS

TOP OFF DIFFERENTIAL OIL WITH TDTO 30 IF NECESSARY, BUT DO NOT CHANGE DIFFERENTIAL OIL.

GREASE MACHINE.

Resultant damage: NONE

Cause of failure: NONE

Repair process comments: CHANGED ENGINE OIL AND FILTER, REFILLED ENGINE WITH 8 GALLONS OF 15W-40

CHANGED TRANSMISSION OIL AND FILTERS, INSPECTED SUCTION SCREEN AND REPLACED O RING, REFILLED WITH 15 GALLONS OF TDTO 30

DRAINED BOGIES, DRAINED IDLERS, REFILLED WITH 3 GALLONS OF AGCO SYN 50

CHANGED HYDRAULIC FILTERS

CHANGED ENGINE AIR FILTERS AND CABIN AIR FILTERS

TOPPED OF DIFFERENTIAL WITH 18 GALLONS OF TDTO 30

GREASED MACHINE

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	9T0973	Filter	80.31	80.31
1.00	Parts	1081153	Element	86.64	86.64
1.00	Parts	6E6408	Element	78.27	78.27
1.00	Parts	1R1808	Filter As-Lu	36.04	36.04
1.00	Parts	1R0762	Filter A-Fue	29.61	29.61
1.00	Parts	5134490	Filter-Sep	45.71	45.71
1.00	Parts	6I2505	Element As	86.93	86.93
1.00	Parts	6I2506	Element As	77.11	77.11
1.00	Parts	1054968	Filter	48.61	48.61
1.00	Parts	1055125	Gasket	6.24	6.24
	Labor		Labor		

8.00	Misc	CD6	CAT DE OIL 15W40	16.76	134.08
15.00	Misc	CT2	CAT TDTO 30W GAL	15.02	225.30
18.00	Misc	CT2	CAT TDTO 30W GAL	15.02	270.36

Parts: 575.47

Labor: 1,375.00

Misc: 629.74

Segment Subtotal: 2,580.21

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SC00124920-010 Flush - Engine Coolant

Customer complaint: FLUSH COOLING SYSTEM DUE TO COPPER CORROSION AND REFILL WITH EXTENDED LIFE COOLANT. REPLACE RADIATOR CAP FOR NOT HOLDING ANY PRESSURE. OVERFLOW TANK IS CURRENTLY EMPTY, MAKE SURE ITS CLEAN BEFORE THE FINAL FILL.

Resultant damage: NONE

Cause of failure: NONE

Repair process comments: DRAINED AND REFILLED COOLANT SYSTEM WITH 15 GALLONS OF ELC

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	1410052	Cap-Radiator	13.10	13.10
17.00	Misc	ELC	CAT ELC GAL	13.93	236.81

Parts: 13.10

Misc: 236.81

Segment Subtotal: 249.91

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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
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SC00124920-011 Repair - Fan Drive

Customer complaint: REBUILD THE FAN HUB DUE TO NOISY BEARINGS. REPLACE ALL 3 V-BELTS.

Resultant damage: NONE

Cause of failure: NOISY BEARINGS

Repair process comments: REMOVED FAN GUARD

REMOVED FAN

REMOVED V BELTS

UNBOLTED FAN DRIVE FROM FRONT COVER

DISASSEMBLED FAN DRIVE

REMOVED OLD BEARINGS

CLEANED FAN HUB

PRESSED BEARING CUPS

PACKED BEARINGS WITH CLEAN GREASE

REPLACED CRUSH SPACER BETWEEN BEARINGS

REASSEMBLED FAN DRIVE

TORQUED BOLT TO SPEC

REINSTALLED FAN DRIVE

INSTALLED NEW V BELTS

TENSIONED BELTS

REINSTALLED FAN AND TORQUED MOUNTING BOLTS

REINSTALLED FAN GUARD

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	9F4446	Ring	5.20	5.20
6.00	Parts	6V8801	Nut	0.32	1.92
1.00	Parts	4W2042	Spacer	45.81	45.81
2.00	Parts	4W1203	Cup	17.71	35.42
2.00	Parts	4W1204	Cone	21.41	42.82
1.00	Parts	5S9062	Spacer	25.37	25.37
1.00	Parts	5L5014	V-Belt Sets	101.49	101.49
2.00	Parts	6V9748	Seal	8.07	16.14
6.00	Parts	6V1426	Stud	11.56	69.36
6.00	Parts	8T4896	Washer	0.38	2.28
1.00	Parts	2314471	Bolt-Hex Hea	4.89	4.89
	Labor		Labor		641.25

Parts: 350.70

Labor: 641.25

Segment Subtotal: 991.95

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SC00124920-012 Repair - Fuel Pump/Governor Drive - For Leaks

Customer complaint: FUEL PUMP MOUNTING GASKET AND COVER BEHIND THE FUEL PUMP APPEAR TO BE LEAKING. CLEAN OFF THE ENGINE AND VERIFY THERE IS NO FRONT COVER LEAKS AS WELL. REPAIR THE LEAKING GASKETS.

Resultant damage: NONE

Cause of failure: NONE

Repair process comments: REMOVED FUEL PUMP

REMOVED OLD GASKET

CLEANED SEALING SURFACE

INSTALLED NEW SEAL

REINSTALLED FUEL PUMP

TORQUED MOUNTING BOLTS TO SPEC

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	2529685	Gasket	3.71	3.71
	Labor		Labor		67.50
Parts: 3.71			Labor: 67.50	Segment Subtotal: 71.21	

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-013 Replace - Cylinder Block - Plug

Customer complaint: LEFT SIDE REAR DIPSTICK TUBE PLUG IS LEAKING. RIGHT SIDE FRONT AND REAR DIPSTICK TUBE PLUGS ARE LEAKING. PLANNING ON REMOVING THE ENGINE OIL PAN AS PART OF THE REPAIR TO MAKE THE REPAIR GO FASTER. ENGINE OIL WILL BE SERVICED AS PART OF THE PM 3.

Resultant damage: NONE

Cause of failure: NONE

Repair process comments: OIL CHANGED DONE ON THE PM3

REMOVED OIL PAN

REMOVED OIL PLUGS AND INSTALLED NEW PLUGS

APPLIED SEALANT TO THE CORNERS OF THE NEW OIL PAN GASKET AND REINSTALLED OIL PAN

TORQUED TO SPEC AS LISTED IN SIS

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	1095308	Gasket	179.32	179.32
3.00	Parts	2097309	Plug	7.87	23.61
14.00	Parts	7C8296	Isolator	5.68	79.52
	Labor		Labor		540.00
Parts: 282.45			Labor: 540.00	Segment Subtotal: 822.45	

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SC00124920-014 Repair - Exhaust Leak

Customer complaint: REPLACE THE LEAKING EXHAUST PIPE BEHIND THE TURBO.

Resultant damage: EXHAUST LEAK

Cause of failure: EXHAUST PIPE RUSTED THROUGH

Repair process comments: REMOVED PIPE PART NUMBER 1262795, 5N4742, AND 6I-0150 BETWEEN THE TURBO AND MUFFLER

PART NUMBER 6I0150 WAS RUSTED THROUGH AND STRUCTURALLY GONE, NEEDS REPLACING

REPLACED ALL CLAMPS

REPLACED 6I0150 AND 1262795

REPAIRED THREE SMALL HOLES IN THE MUFFLER

REASSEMBLED THE EXHAUST

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	9N1941	Clamp	45.51	45.51
3.00	Parts	2419265	Clamp-Muffle	26.81	80.43
1.00	Parts	1262795	Tube As.-Exh	285.18	285.18
1.00	Parts	6I0150	Tube	297.48	297.48
	Labor		Labor		540.00
Parts: 708.60		Labor: 540.00		Segment Subtotal: 1,248.60	

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-015 Replace - Alternator

Customer complaint: REPLACE ALTERNATOR FOR NOISY BEARINGS AND LOOSE REAR SHIELD. INSULATE THE ALTERNATOR BATTERY CABLES FROM RUBBING ON THE AIR INTAKE HOSE. HOSE REPLACEMENT NOT NECESSARY. CUSTOMER WILL REPLACE THE BATTERIES.

Resultant damage: NONE

Cause of failure: ALTERNATOR HAS NOISY BEARINGS

Repair process comments: REMOVED OLD ALTERNATOR

REPLACE OLD BELTS

INSTALLED NEW ALTERNATOR AND REAR COVER

TENSIONED BELTS

INSTALLED HEAT STRINK ON POSITIVE CABLE

CUT OFF NEGATIVE END DUE TO SEVERED WIRE STRANDS FROM VIBRATION

INSTALLED NEW END AND CRIMPED ON THE NEGATIVE CABLE

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	0R8332	Alternator G	465.56	465.56
1.00	Parts	0R8332CC	Alternator G - Core	456.40	456.40
1.00	Parts	1262368	Guard Kit	104.91	104.91
-1.00	Parts	0R8332WC	Alternator G - Worn	456.40	-456.40
	Labor		Labor		607.50
Parts: 570.47		Labor: 607.50		Segment Subtotal: 1,177.97	

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SC00124920-016 Repair - Stoplight/Taillight

Customer complaint: TROUBLESHOOT AND REPAIR THE BRAKE LIGHTS AND TAIL LIGHTS NOT WORKING.

Resultant damage: NONE

Cause of failure: CORRODED TERMINALS

Repair process comments: DISASSEMBLED TAIL LIGHTS

REMOVED OLD TERMINALS

REPLACED TERMINALS WITH DEUTSCH CONNECTORS

REASSEMBLED TAIL LIGHTS AND TESTED

WORKED AS IT SHOULD

Quantity	Type	Part Number	Description	Unit Price	Amount
4.00	Parts	9W3326	Lamp Turn	2.08	8.32
2.00	Parts	1552271	Plug Kt Conn	6.65	13.30
2.00	Parts	1028804	Recptacle Ki	6.30	12.60
8.00	Parts	9X3401	Pin	1.41	11.28
8.00	Parts	1261768	Socket	2.04	16.32
2.00	Parts	1959712	Lamp-Miniatu	1.68	3.36
	Labor		Labor		429.00
Parts: 65.18			Labor: 429.00	Segment Subtotal: 494.18	

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-017 Replace - Swinging Drawbar - Wear Surface

Customer complaint: REPLACE THE 9U-3817 DRAWBAR WEAR PLATE. DO NOT REPLACE ANY OTHER WORN DRAWBAR PARTS.

Resultant damage: NONE

Cause of failure: NONE

Repair process comments: USED A JACK TO SUPPORT THE BOTTOM OF THE DRAW BAR

REMOVED THE TOP PLATE OF THE DRAW BAR

REPLACED THE THE WEAR PLATE 9U-3817

REASSEMBLED THE DRAW BAR AND TORQUED TO SPEC WITH LOCTITE

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	9U3817	Plate	120.22	120.22
	Labor		Labor		143.00
Parts: 120.22			Labor: 143.00	Segment Subtotal: 263.22	

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SC00124920-018 Replace - Axle Arrangement - Bearing

Customer complaint: REPLACE THE FRONT AXLE CENTER BEARING AND SEALS DUE TO BEING LOOSE. SHOULD BE EASIER TO REPLACE WHILE THE TENSION CYLINDERS ARE REMOVED FOR REPAIR.

Resultant damage: NONE

Cause of failure: NONE

Repair process comments: WHILE TENSION CYLINDERS WERE OUT REPAIR WAS MADE

LIFTED TRACTOR FRAME SLIGHTLY TO REMOVE THE PIN

LIFTED TRACTOR FRAME PAST THE AXLE FOR EASIER ACCESS

REMOVED OLD BEARING AND SEALS

CLEANED THE AXLE AND FRAME

REPLACED CENTER PIN DUE TO WEAR

INSTALLED NEW BEARING AND SEALS

LOWERED FRAME FAR ENOUGH TO REINSTALL THE PIN

TORQUED HARDWARE TO SPEC WITH LOCTITE

Quantity	Type	Part Number	Description	Unit Price	Amount
2.00	Parts	8T4223	Washer	0.80	1.60
2.00	Parts	1J6472	Ring	16.52	33.04
1.00	Parts	3B8489	Adapter Str	1.89	1.89
1.00	Parts	8G4189	Bearing	103.04	103.04
2.00	Parts	8G4190	Seal	175.38	350.76
1.00	Parts	1250127	Pin	381.91	381.91
	Labor		Labor		405.00

Parts: 872.24

Labor: 405.00

Segment Subtotal: 1,277.24

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SC00124920-019 Replace - Hydraulic Hoses/Lines

Customer complaint: AUXILLIARY HYDRAULIC PUMP OUTLET HOSE IS SEEPING AT THE PUMP. REPLACE HOSE. 2 AUXILLIARY VALVE HOSES ARE RUBBING TOGETHER AT THE BACK OF THE MACHINE. ADD INSULATION TO PREVENT THEM FROM RUBBING THROUGH.

Resultant damage: NONE

Cause of failure: AGED AND WEATHERED LINES

Repair process comments: REPLACED BOTH P/N: 1226908, STEERING PUMP HOSES SEEPING DRAINED HYDRAULIC FLUID FOR REPAIR

REMOVED LINES

REPLACED HOSE CLAMPS

INSTALLED NEW LINES

TIGHTENED HOSE CLAMPS

REFILLED HYDRAULIC FLUID

Quantity	Type	Part Number	Description	Unit Price	Amount
21.00	Parts	1226908	L/M Hose-In	1.35	28.35
8.00	Parts	5P4868	Clamp	6.87	54.96
2.00	Parts	1P3705	Seal	3.04	6.08
1.00	Parts	6V8400	Seal-O-Ring	1.55	1.55
	Labor		Labor		786.50
Parts: 90.94			Labor: 786.50	Segment Subtotal: 877.44	

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-020 Replace - Trans Lines/Hoses

Customer complaint: TRANSMISSION FILTER HOSE IS SEEPING AT THE CONNECTION TO THE FRONT OF THE TRANSMISSION. REPLACE HOSE. TRANMISSION OIL AND FILTER WILL BE SERVICED AS PART OF THE PM.

Resultant damage: NONE

Cause of failure: LEAKING O RING

Repair process comments: REMOVED FILTER HOSE ON FRONT OF TRANSMISSION

REPLACED O-RING AND REINSTALLED LINE

FOUND LEAKING LINE ON THE RIGHT SIDE

REMOVED LINE, REPLACED O-RING AND REINSTALLED ON TRANSMISSION

Quantity	Type	Part Number	Description	Unit Price	Amount
2.00	Parts	4J0522	Seal-O-Ring	2.33	4.66
1.00	Parts	5P3863	Seal O Ring	3.40	3.40
1.00	Parts	9G5127	Breather	11.20	11.20
1.00	Parts	4J0519	Seal-O-Ring	2.04	2.04
	Labor		Labor		643.50
Parts: 21.30			Labor: 643.50	Segment Subtotal: 664.80	

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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-021 Repair - Bogie - For Leaks

Customer complaint: RESEAL ALL LEAKING BOGIE WHEEL SEALS (SHOULD BE 6 OR 7). UNDERCARRIAGE WILL BE SERVICED AS PART OF THE PM 3.

Resultant damage: NONE

Cause of failure: NONE

Repair process comments: REPAIRS MADE WHILE FRAME WAS LIFTED FOR AXLE REPAIRS

UNBOLTED WHEELS

UNBOLTED THE CAP

REMOVED THE NUT AND OUTER BEARING

REMOVED THE HUB

REMOVED THE DUO CONE SEAL

CLEANED THE SEAT FOR THE SEALS

INSTALLED NEW DUO CONE SEALS WITH THIN FILM OF OIL ON THE SEALING FACE

REASSEMBLED IN REVERSE ORDER

TORQUED HUB NUT TO SPEC ROTATING SEVERAL TIMES

INSTALLED CAP AND FILLED WITH SPEC AGCO 50W SYTHETIC OIL

REINSTALLED BOGIE WHEEL, TORQUED TO SPEC

REPEATED FOR 5 OTHER BOGIES, REPLACED BEARINGS IN ONE BOGIE

Quantity	Type	Part Number	Description	Unit Price	Amount
6.00	Parts	1757513	Seal Gp-Duo	49.63	297.78
18.00	Parts	1J9671	Seal O Ring	1.03	18.54
2.00	Parts	1055125	Gasket	6.24	12.48
1.00	Parts	5P9651	Cone	42.32	42.32
1.00	Parts	6S6032	Cone	40.98	40.98
1.00	Parts	5P9652	Cup	27.55	27.55
1.00	Parts	6S6031	Cup	28.08	28.08
1.00	Parts	9S8003	Plug	4.63	4.63
	Labor		Labor		1,755.00
Parts: 472.36		Labor: 1,755.00		Segment Subtotal: 2,227.36	

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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-023 Replace - Cab - Spring

Customer complaint: REPLACE DOOR SPRING

Resultant damage: NONE

Cause of failure: NONE

Repair process comments: REMOVED OLD GAS SPRING
INSTALLED NEW GAS SPRING

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	1365245	Spring A-Gas	64.67	64.67
	Parts	1C0569	Bolt	0.17	0.00
	Parts	2H3755	Capscrew	0.22	0.00
	Parts	8T5391	Bolt	0.22	0.00
	Parts	5K0906	Bolt	0.26	0.00
1.00	Parts	4F4879	Capscrew	0.27	0.27
	Labor		Labor		101.25
Parts: 64.94		Labor: 101.25		Segment Subtotal: 166.19	

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-024 Hone - Track/Belt Tensioner - Dual or Two

Customer complaint: BARREL NEED HONE

Resultant damage: BARRELS NEED HONE

Cause of failure:

Repair process comments: SET UP ON HONED BOT BARRELS

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		432.00
		Labor: 432.00		Segment Subtotal: 432.00	

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
	95E	95E	6KS00874	B4767	7,164

SC00124920-025 Apply - Promotion

PARTS PROMO 15% DISCOUNT

Quantity	Type	Part Number	Description	Unit Price	Amount
-1.00	Misc	DIS	MISC. DISCOUNT PARTS	888.32	-888.32
		Misc: -888.32		Segment Subtotal: -888.32	

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Subtotal	24,488.60
Shop Supplies and Environmental Fees	1,010.27
Sales Tax	0.00
Total	\$ 25,498.87