

Invoice Number: SW040097012

Date: 6/11/19

Invoice Information

Make: CATERPILLAR
Model: 143H
Serial: 0APN00843
PIN:

Meter: 7482.0

Invoice Summary

Parts: 22,468.49
Labor: 13,939.38
Misc: 1,175.00
Taxes: .00

Amount Due: \$37,582.87

Invoice Total: 37,582.87

Invoice Date: 6/11/19

Amount Due:

\$37,582.87

Amount Enclosed:

Date: 6/11/19

Quantity	Item	NR	Description	Unit Price	Extended

RECONDITION ENGINE					
MAJOR					
REPAIR PROCESS COMMENTS:					
DISASSEMBLED ENGINE, CLEANED AND INSPECTED ALL					
PARTS. ASSEMBLED ENGINE AS TO CATERPILLAR					
PROCEDURES WITH ALL NEW GASKETS AND SEALS.					
INSTALLED CRANKSHAFT (.020/.020) WITH MAIN					
BEARINGS PN# 128-0400 / 128-0832. INSTALLED					
CYLINDER PACKS PN# 0R-8778 AND ROD BEARINGS PN#					
128-0390. THE ROD AND MAIN BEARINGS WERE THEN					
TORQUED. INSTALLED THE FRONT GEAR TRAIN ALONG					
WITH THE CAMSHAFT AND LIFTERS. THE FRONT AND REAR					
HOUSINGS WERE INSTALLED ALONG WITH DAMPER AND					
FLYWHEEL. THE CYLINDER HEAD WAS INSTALLED AS WERE					
THE PUSH TUBES AND ROCKER SHAFT ASSEMBLIES. THE					
VALVES WERE ADJUSTED .015" IN. .025" EX.					
INSTALLED OIL PUMP, OIL PAN, WATER PUMP, EXHAUST					
MANIFOLD, INTAKE MANIFOLD AND TURBO. INSTALLED					
THE ENGINE OIL COOLER ASSEMBLY PN# 0R8191.					
TRANSFER PUMP ALONG WITH 20R-1562 INJECTORS PN#					
20R-0055. THE ENGINE WAS DYNAMOMETER TESTED TO					
VERIFY PERFORMANCE AND FACILITATE PROPER BREAK					
IN. THE ENGINE PRODUCED 241 HP @ 2000 RPM. HP					
SPEC IS 242 HP @ 2000 RPM. THE ENGINE WAS					
ACCESSORIZED AND PAINTED.					
1	0R-0705		PUMP GP WTR	S5	
1			CORE CHARGE	S5	
1-			CORE CREDIT	S5	
1	0R-8340		COMPRESOR GP	S5	
1			CORE CHARGE	S5	
1-			CORE CREDIT	S5	
6	0R-8778		CYL PACK	S5	
6			CORE CHARGE	S5	
6-			CORE CREDIT	S5	
1	0R-9956		TURBO GP	S5	
1			CORE CHARGE	S5	
1-			CORE CREDIT	S5	
1	1A-2170		SPRING	S5	
1	1F-7854		SPACER	N5	
2	1P-0436		GASKET	S5	
1	1R-0762		FILTER A-FUE	S5	
2	1R-1808		FILTER AS-LU	S5	
1	1W-0428		HOSE A	N5	
1	2H-5549		RING	S5	
1	2S-2053		CLIP	S5	
10	2V-3216		CLIP	S5	
12	2Y-5829		NUT	S5	
4	3B-0623		PLUG	S5	
1	3D-2824		SEAL O RING	S5	
6	3E-4352		WASHER	S5	

Date: 6/11/19

Quantity	Item	NR	Description	Unit Price	Extended
2	3J-1907		SEAL	S5	
1	3J-7354		SEAL O RING	S5	
1	3P-0647		SEAL-O-RING	S5	
26	3S-2093		TIE	S5	
4	3S-8665		CLIP	S5	
1	3T-0049		CLIP	S5	
2	4B-0418		CLIP	S5	
1	4D-7794		CLIP	S5	
1	4F-7952		SEAL	S5	
2	4K-8864		CLIP	S5	
2	4K-9841		WASHER	S5	
12	4P-4369		SPACER	S5	
1	4P-5918		CLIP	S5	
4	4P-8134		CLIP	S5	
1	4P-9537		HARNES A	S5	
1	5D-9344		SEAL	S5	
1	5G-4313		SPACER	S5	
1	5L-2952		CAP A	S5	
1	5N-4437		BOOT	S5	
1	5P-0598		CLAMP	S5	
1	5P-4115		WASHER	S5	
1	5P-4115		WASHER	S5	
1	5P-7854		CLIP	S5	
2	5P-8068		SEAL	S5	
6	5P-8347		BOLT	S5	
1	5P-9297		CLIP	S5	
1	5T-0124		HOSE A	N5	
1	6D-4244		CLIP	S5	
1	6K-8178		CLIP	S5	
3	6V-0371		BOLT	N5	
2	6V-0405		SEAL	S5	
1	6V-0852		CAP	S5	
1	6V-2315		BOLT	S5	
2	6V-2686		CLIP	S5	
1	6V-3251		SEAL O RING	S5	
1	6V-3834		SEAL O RING	S5	
1	6V-3965		NIPPLE A	S5	
1	6V-4369		CLIP	S5	
13	6V-5839		WASHER-HARD	S5	
1	6V-7742		NUT	S5	
9	6V-8214		BOLT	S5	
1	6V-9027		SEAL-O-RING	S5	
1	6V-9746		SEAL-O-RING-	S5	
2	6V-9829		PLUG AS	S5	
1	7C-3954		SPRING AS	S5	
1	7C-6921		SPACER	S5	
1	7C-7852		BEARING	S5	
1	7E-2681		PLATE	S5	
1	7E-5555		GASKET	S5	
6	7E-6508		CAP A	S5	
1	7G-4271		SHIM	S5	
1	7J-5606		FITTING	S5	
1	7W-6390		STUD	S5	
3	7X-2468		CLIP	S5	
17	7X-2533		BOLT	S5	
1	7X-6315		STRAP	S5	
1	7X-7958		CLAMP	S5	
1	8C-3445		CAP DUST	S5	
2	8H-9789		BEARING	S5	
1	8J-1256		CLIP	S5	
1	8J-4351		SEAL-O-RING	S5	
6	8L-2777		O RING	S5	
5	8M-2770		CLIP	S5	
1	8M-2771		CLIP	S5	
2	8M-2773		CLIP	S5	

Date: 6/11/19

Quantity	Item	N/R	Description	Unit Price	Extended
1	8M-7065		GASKET	S5	
2	8N-1663		BOOT	S5	
6	8T-0100		BOLT	S5	
1	8T-0643		BOLT	S5	
1	8T-3282		WASHER	S5	
3	8T-4121		WASHER-HARD	S5	
2	8T-4984		CLAMP	S5	
1	8T-5005		BOLT	S5	
8	8T-9655		MOUNT	S5	
2	8W-1614		CLIP	S5	
4	8W-8528		SLEEVE	S5	
1	8X-2334		CONNECTOR	N5	
1	8X-5395		HOSE A	S5	
2	9M-0853		PLUNGER	S5	
1	9M-2904		CLAMP	S5	
2	9N-6379		BOOT	S5	
1	9S-8002		PLUG	S5	
12	9X-6620		LOCK NUT	S5	
17	9X-8256		WASHER	S5	
1	9Y-0810		SLEEVE	S5	
1	9Y-0821		SLEEVE	S5	
1	9Y-1116		HOSE A	N5	
1	9Y-4357		BREATHER AS	S5	
3	9Y-7215		SLEEVE	S5	
3	061-9455		SEAL	S5	
1	090-8635		SPACER	S5	
3	10R-1707		ARM A ROCKER	S5	
3			CORE CHARGE	S5	
3-			CORE CREDIT	S5	
1	10R-1798		ARM A ROCKER	S5	
1			CORE CHARGE	S5	
1-			CORE CREDIT	S5	
1	10R-2296		PUMP GP OIL	S5	
1			CORE CHARGE	S5	
1-			CORE CREDIT	S5	
1	101-0852		SCREW	S5	
1	105-2508		PUMP AS	S5	
1	114-2687		SEAL-O-RING	S5	
12	116-3715		STUD	S5	
1	121-0173		PLATE INFO	S5	
1	122-8863		SENSOR GP	S5	
1	126-0146		HOSE FUMES	S5	
1	128-0331		HOSE	S5	
3	128-0382		BEARING-MN	S5	
6	128-0390		BEARING-ROD	N5	
4	128-0400		BEARING-MAIN	S5	
1	129-0375		BOWL	S5	
1	129-2181		SEAL-INTEGRL	S5	
3	130-5300		CLIP	S5	
1	131-6645		HOSE	S5	
1	133-6517		CAP AS-DUST	S5	
1-	133-6517		CAP AS-DUST	S5	
1	133-7068		GASKET-COVER	S5	
1	133-7084		BEARING-SLEE	S5	
1	134-4126		WASHER	S5	
1	137-4367		BASE	S5	
1	142-2011		PULLEY AS	S5	
6	152-3001		BOLT-HEX HED	S5	
1	161-1703		SENSOR GP	S5	
2	161-1705		SENSOR GP	S5	
2	172-4702		CLAMP	S5	
1	173-1498		PULLEY AS-ID	S5	
26	175-0454		BOLT-HEX HED	S5	
1	175-1367		SPACER	S5	
1	176-6391		TUBE	S5	

Date: 6/11/19

Quantity	Item	N/R	Description	Unit Price	Extended
3	177-2215		STRAP-DUAL C	S5	
1	177-4142		HOSE AS.	N5	
1	178-3643		PIN THRUST	S5	
1	179-2426		BRACKET AS.	N5	
1	183-3072		HOSE AS.	N5	
1	184-9854		BRACKET AS	S5	
1	190-0649		TIGHTENER	S5	
1	191-8304		SENSOR G-SPD	S5	
1	194-6724		SENSOR GP-PR	S5	
1	198-0151		HOSE AS.	S5	
6	20R-0055		INJ GP FUEL	S5	
6			CORE CHARGE	S5	
6-			CORE CREDIT	S5	
1	20R-1526		PUMP GP F	S5	
1			CORE CHARGE	S5	
1-			CORE CREDIT	S5	
1	20R-2679		HEAD GP CYL	S5	
1			CORE CHARGE	S5	
1-			CORE CREDIT	S5	
1	201-6615		SENSOR GP-SP	S5	
2	203-3940		SEAL-O-RING	S5	
1	206-4669		VALVE-DRAIN	S5	
5	216-5583		BEARING-SLEE	S5	
1	216-5584		BEARING-SLEE	S5	
1	216-5585		BEARING-SLEE	S5	
1	217-3673		SEAL-ISOLATI	S5	
14	217-3674		FASTENER AS	S5	
1	222-4086		HARNES AS-W	S5	
1	223-5916		VALVE-BALL	S5	
1	226-4755		SEAL GP	S5	
1	230-4171		PULLEY AS-ID	S5	
1	238-5081		SEAL-O-RING	S5	
6	245-6095		NUT-HEX THIN	S5	
2	246-3144		PLATE-THRUST	S5	
1	247-7133		REGULATOR-TE	S5	
1	251-1005		LIFTER AS-VA	S5	
6	258-8721		BUTTON	S5	
3	264-4297		SENSOR TEMP	S5	
3	276-1326		BOLT-HEX HEA	S5	
1	281-2725		VALVE GP	S5	
2	288-3803		SPRING AS.	S5	
1	295-5609		SEAL-O-RING	S5	
1	341-8888		PUSHROD-VALV	S5	
1	346-4897		SEAL-O-RING	S5	
1	352-9796		KIT-GASKET(O	S5	
6	361-8205		SEAL-FUEL SY	S5	
1	363-6420		KIT-GASKET-R	S5	
1	417-8843		KIT GASKET	S5	
1	417-8844		KIT GASKET	S5	
1	418-4757		KIT GASKET	S5	
4	418-6781		STUD TAPERLO	S5	
40	423-1986		IN HOSE-BLK	N5	
1	513-4490		FILTER-SEP	S5	
1	SOS001		ZIEG000 SOS 1 PACKS5		

F/R ALL 29876.19 *

SEGMENT 20 TOTAL 29876.19 T

 EXTRA PARTS/LABOR/MIS FOR ENGINE
 REPAIR PROCESS COMMENTS:
 THESE PARTS GOT REPLACED AND ARE NOT INCLUDED IN
 THE PRICE OF THE RECONDITION.
 10R-1707 ROCKER ARM

Date: 6/11/19

Quantity	Item	N/R	Description	Unit Price	Extended
	10R-1797		ROCKER ARM		
	137-4367		FUEL FILTER BASE		
	160-8185		RING GEAR		
	174-1578		DIP STICK TUBE		
	174-1580		OIL FILL TUBE		
	179-9563		TURBO DRAIN TUBE		
	187-8972		CRANK GEAR		
	245-9129		FOLLOWER SHAFT		
	341-8888		PUSH ROD		
	422-2480		COUPLER		
	THE ELECTRICAL HARNESS AND ALL OF THE SENSORS WERE REPLACED AS WELL				
1	OR-7757		MOTOR GP	537.55	537.55
1			CORE CHARGE	527.01	527.01
1-			CORE CREDIT	527.01	527.01-
1	OR-8191		CORE AS OIL	1097.52	1097.52
1			CORE CHARGE	439.50	439.50
1-			CORE CREDIT	439.50	439.50-
1	10R-1707		ARM A ROCKER	57.46	57.46
1			CORE CHARGE	24.14	24.14
1-			CORE CREDIT	24.14	24.14-
4	10R-1797		ARM A ROCKER	38.75	155.00
4			CORE CHARGE	16.28	65.12
4-			CORE CREDIT	16.28	65.12-
1	105-4728		WIRE A	15.35	15.35
1	160-8185		GEAR-FLYWHEEL	315.47	315.47
1	174-1578		TUBE AS-OIL	102.66	102.66
1	174-1580		TUBE AS-FILL	396.89	396.89
1	179-9563		TUBE AS	112.35	112.35
1	187-8972		GEAR-CRANKSH	439.15	439.15
1	239-7342		ELEMENT AS.	123.01	123.01
1	245-9129		SHAFT AS.-LI	93.98	93.98
1	422-2480		COUPLING AS	2307.30	2307.30
	TOTAL PARTS		SEG. 21		5753.69 *
	SEGMENT 21 TOTAL				5753.69 T

REPAIR GEAR PUMP					
CAUSE OF FAILURE:					
ENGINE MOF. ALL WHEEL DRIVE PUMP.					
REPAIR PROCESS COMMENTS:					
- A REMAN PUMP IS NOT AVAILABLE FOR THE ALL WHEEL DRIVE PUMP					
- ORDERED NEW ALL WHEEL DRIVE PUMP					
- CLEANED AND INSTALLED FITTINGS					
- CHECKED FOR CORRECT ROTATION AND OPERATION					
- BAGGED AND DELIVERED TO RACKING TO AWAIT INSTALLATION					
1	8C-3089		SEAL-O-RING	13.85	13.85
1	214-7568		SEAL-O RING	3.96	3.96
2	228-7089		SEAL-O-RING	3.92	7.84
1	228-7092		SEAL-O-RING	4.92	4.92
1	228-7093		SEAL-O-RING	5.34	5.34
1	238-5082		SEAL-O-RING	6.50	6.50
1	238-5084		SEAL-O-RING	7.55	7.55
1	295-5764		PUMP-GP	1185.03	1185.03
	TOTAL PARTS		SEG. 22		1234.99 *
	TOTAL LABOR		SEG. 22		143.00 *
	SEGMENT 22 TOTAL				1377.99 T

Date: 6/11/19

Quantity	Item	N/R	Description	Unit Price	Extended

					575.00 T
			INVOICE TOTAL		37,582.87

Date: 10/10/17

Invoice Information

WO Date: 6/22/17

Make: CATERPILLAR
Model: 143H
Serial: 0APN00843
PIN:

Meter: 7482.0

Invoice Summary

Parts: 19,076.86
Labor: 10,852.99
Misc: 860.00
Taxes: .00

Amount Due: \$30,789.85

Invoice Total: 30,789.85

Invoice Date: 10/10/17

Amount Due: \$30,789.85

Amount Enclosed:

Date: 10/10/17

Quantity	Item	N/R	Description	Unit Price	Extended
TROUBLESHOOT TRANSMISSION					
CUSTOMER COMPLAINT:					
MINNESOTA, LINCOLN COUNTY, IVANHOE, OUTSIDE CITY LIMITS.					
THE CUSTOMER SAID THAT THE MACHINE WOULD NOT MOVE IN SOME GEARS.					
REPAIR PROCESS COMMENTS:					
I GOT TO THE MACHINE AND HOOKED UP ET AND CHECKED FOR CODES AND THERE WAS SOME CODES FOR OUTPUT SPEED SENSOR FOR THE TRANSMISSION. I RAN THE MACHINE AND FOUND THAT WHEN THE MACHINE WOULD NOT MOVE IN GEAR THERE WAS INPUT SHAFT SPEED BUT NO OUTPUT SHAFT SPEED. I REMOVED THE SUCTION SCREEN FROM THE TRANSMISSION AND FOUND CLUTCH MATERIAL IN THE SCREEN. I TOLD THE CUSTOMER THAT THE TRANSMISSION WOULD HAVE TO COME OUT AND SENT TO THE REBUILD CENTER FOR REPAIR. THE CUSTOMER SAID THAT THEY WOULD TAKE THE TRANSMISSION OUT AND BRING IT TO MARSHALL TO SHIP TO THE REBUILD CENTER.					
TOTAL LABOR				SEG. 01	387.00 *
SEGMENT 01 TOTAL					387.00 T

REPAIR TRANSMISSION					
CUSTOMER COMPLAINT:					
WHILE THE TRANSMISSION WAS OUT THE MACHINE NEEDED A TRANSMISSION OIL COOLER REPLACED.					
REPAIR PROCESS COMMENTS:					
I INSTALLED A NEW TRANSMISSION OIL COOLER ON THE MACHINE.					
2	2N-5243		SEAL O RING	S	3.89
4	4J-0520		SEAL-O-RING	S	1.88
1	4J-0522		SEAL-O-RING	S	2.09
1	10R-5665		CORE AS OIL	N	704.35
1			CORE CHARGE	N	282.06
1	10R-5665		CORE AS OIL	N	704.35
1			CORE CHARGE	N	282.06
1	10R-5665		CORE AS OIL	N	704.35
1			CORE CREDIT	N	282.06
1			CORE CREDIT	N	282.06
2	117-3036		O RING	S	4.05
2	129-2861		GASKET	S	5.47
TOTAL PARTS				SEG. 02	740.78 *
TOTAL LABOR				SEG. 02	129.00 *
SEGMENT 02 TOTAL					869.78 T

REMOVE & INSTALL TRANSMISSION					
CUSTOMER COMPLAINT:					
THE TRANSMISSION NEEDED TO BE REMOVED FOR REPAIR.					
REPAIR PROCESS COMMENTS:					
THE CUSTOMER REMOVED THE TRANSMISSION AND SENT IT TO THE SPEC SHOP. THE CUSTOMER HELPED ME INSTALL THE TRANSMISSION IN THE MACHINE. I CALIBRATED THE TRANSMISSION ONCE IT WAS IN THE MACHINE. I RAN IT AND CHECKED FOR LEAKS AND THERE WAS NONE.					
TOTAL LABOR				SEG. 03	1035.00 *

Date: 10/10/17

Quantity	Item	N/R	Description	Unit Price	Extended
SEGMENT 03 TOTAL					1035.00 T

6	5C-7423		SCREW	S	
1	5P-4483		PLUG	S	
5	6I-8911		DISC FRIC	S	
32	6I-8912		DISC FRIC	S	
1	6I-9395		SCREEN	S	
3	6I-9502		PLATE-CLUTCH	S	
8	6V-0852		CAP	S	
8	6V-3965		NIPPLE A	S	
5	6Y-5352		DISC	S	
7	6Y-7981		DISC	S	
1	8T-0372		BOLT	S	
1	8T-8442		BOLT	S	
1	9G-7132		PLUG	S	
2	108-5751		DISC FRIC	S	
3	145-8039		LOCK	S	
2	159-0927		DISC-FRICTIO	S	
2	191-9256		CLIP-LOOP	S	
1	196-4000		BEARING KIT	S	
1	288-2547		KIT-DT GASKE	S	
1	SOS001		ZIEG000 SOS 1 PACKS		
1	CH1U-8846		GASKET/MAKER LOCTIS		
F/R ALL					14843.96 *
SEGMENT 30 TOTAL					14843.96 T

EXTRA PARTS/LABOR/MIS FOR TRANSMISSION					
CUSTOMER COMPLAINT:					
RECONDITION BEFORE FAILURE TRANSMISSION					
CAUSE OF FAILURE:					
VALVE BODY BROKEN					
RESULTANT DAMAGE:					
CAUSED SPOOL TO LOCK UP AND BURNT UP CLUTCH					
REPAIR PROCESS COMMENTS:					
DISASSEMBLED TRANSMISSION AND INSPECTED ALL PARTS.					
REMOVED ALL BEARINGS AND SEALS. CLEANED ALL					
PARTS. FOUND VALVE BODY CRACKED ON THE NUMBER 7					
CLUTCH SPOOL, LOCKING UP THE SPOOL AND BURNING					
THE CLUTCH. ASSEMBLED USING NEW DISCS					
THROUGHOUT. INSTALLED NEW SEALS AND BEARINGS.					
INSTALLED UPDATED PISTONS. INSTALLED NEW VALVE					
BODY ASSEMBLY. INSTALLED NEW MODULATION VALVES.					
TORQUED ALL BOLTS.					
CLH					
1	3E-8700		SENSOR GP-TE	S	157.83
1	3J-6956		SPRING	S	4.76
1	6Y-1888		SPACER	S	306.71
1	7T-0570		SPRING	S	7.94
15	8M-4295		SPRING	S	8.02
1	9U-8620		ORIFICE	S	47.55
3	9U-8815		SPRING	S	63.47
1	9U-9282		SPRING	N	10.28
					157.83
					4.76
					306.71
					7.94
					120.30
					47.55
					190.41
					10.28

Date: 10/10/17

Quantity	Item	N/R	Description	Unit Price	Extended
1	9U-9316		SPRING	N 6.03	6.03
1	9W-7412		SPRING	S 10.64	10.64
2	148-1925		VALVE-RELIEF	S 75.30	150.60
2	154-7176		SPRING	N 6.60	13.20
3	175-3893		VALVE GP-SOL	S 141.61	424.83
2	183-8597		SENSOR GP	S 134.40	268.80
1	186-1526		VALVE GP-SOL	S 132.71	132.71
1	191-8303		SENSOR G-SPD	S 115.34	115.34
1	213-9842		HARNESS AS.	S 112.23	112.23
1	226-6621		HARNESS AS	S 172.14	172.14
1	281-3160		VALVE GP-SEL	S 2757.93	2757.93
4	509-4135		PISTON	S 336.07	1344.28
3	509-4136		PISTON	S 336.07	1008.21
1	509-4138		PISTON	S 430.93	430.93
1	509-4139		PISTON-BALAN	S 278.35	278.35

TOTAL PARTS SEG. 31 8072.00 *

SEGMENT 31 TOTAL 8072.00 T

REBEARING & RESEAL DIFFERENTIAL

1	1J-2860		CUP	S	
1	1J-4757		CONE	S	
1	1P-2636		CUP	S	
1	1P-2662		CONE	S	
1	2H-5001		RING	S	
1	2K-5109		GASKET	S	
2	3J-1907		SEAL	S	
2	3J-7354		SEAL O RING	S	
2	4F-7389		RING	S	
1	4H-6520		RING	S	
2	4J-2506		SEAL	S	
1	5D-9844		BOLT	S	
1	5L-2030		CONE	S	
1	5L-2031		CUP	S	
1	5P-2503		CUP-ROLLER	S	
1	6V-0852		CAP	S	
1	7D-8225		SEAL	S	
1	7D-8226		SEAL	S	
4	7T-5620		PIN	S	
2	8D-4064		WASHER	S	
2	8M-4438		SEAL O RING	S	
1	8T-8883		SEAL O RING	S	
4	8X-4641		WASHER	S	
1	9B-0143		LOCK	S	
1	9C-9467		CLIP	S	
2	9G-2991		RING-SEAL	S	
2	030-8535		BOLT	S	
5	034-3557		BOLT	S	
1	093-0363		WASHER	S	
1	123-4003		SEAL-LIP TYP	S	
1	126-2729		CONE-SPL TAP	S	
4	174-6819		BEARING-SLEE	S	

F/R ALL 3784.59 *

SEGMENT 32 TOTAL 3784.59 T

EXTRA PARTS/LABOR/MIS FOR DIFFERENTIAL

TALKED TO JAY STENSRUD ON EXTRAS OF 1,869.99.

JAY SAID TO GO WITH THE JOB 07-17-17 CDM.

CUSTOMER COMPLAINT:

REBEARING & RESEAL DIFFERENTIAL.

Date: 10/10/17

Quantity	Item	N/R	Description	Unit Price	Extended
CAUSE OF FAILURE: NO FAILURE WAS FOUND. RESULTANT DAMAGE: NO DAMAGES. REPAIR PROCESS COMMENTS: ASSEMBLED DIFFERENTIAL WITH NEW BEARINGS, SEALS, O-RINGS, SOLENOID AND HARDWARE. SET THE PINION ROLLING TORQUE AND THE BACKLASH TO SPECIFICATIONS, CHECKED GEAR PATTERN AND WAS GOOD. ATTACHED MOUNTING O-RING TO DIFFERENTIAL. JAM					
7	6Y-7954		DISC	S	33.41
1	7T-1159		HOSE A	N	27.80
1	8X-5121		TUBE	S	86.78
1	174-3705		VALVE GP-MTG	S	371.57
			TOTAL PARTS	SEG. 33	720.02 *
			TOTAL LABOR	SEG. 33	187.50 *
			SEGMENT 33 TOTAL		907.52 T

TRAVEL TO/FROM MACHINE					
100.00			TOTAL LABOR	SEG. 99	180.00 *
			TRAVEL MILEAGE		210.00
			TOTAL MISC CHGS	SEG. 99	210.00 *
			SEGMENT 99 TOTAL		390.00 T

					500.00 T
			INVOICE TOTAL		30,789.85