

SERVICE INVOICE

INVOICE DATE

11/28/18

Make	AA
Model	580K
Serial #	*CAT0980KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU88085

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
		REMOVE & INSTALL TRANS, TC & TRF GEARS		
		REPAIR PROCESS COMMENTS:		
		DRAINED TRANSMISSION OIL		
		DISCONNECTED AND CAPPED LINES		
		BROKE MOUNT AND SUPPORTS FOR TRANSMISSION LOOSE		
		SET UP LIFTING SYSTEM TO PULL ENGINE AND		
		TRANSMISSION AS ONE UNIT		
		TEMPORARILY LIFTED ENGINE AND TRANSMISSION TO		
		LEVEL EVERYTHING OUT		
		ONCE LEVELED REMOVED TRANSMISSION MOUNTING EARS		
		REMOVED ENGINE AND TRANSMISSION OUT OF MACHINE		
		PLACE UNIT ON STANDS		
		REMOVED LINES CONNECTING TRANSMISSION TO ENGINE		
		USED FORK LIFT AND CHAIN AS A SECONDARY FALL		
		PROTECTION SYSTEM WHEN SEPARATING ENGINE FROM		
		TRANSMISSION		
		LIFTED UNIT BY TRANSMISSION AND BLOCKED ENGINE		
		UNBOLTED TRANSMISSION FROM ENGINE		
		REMOVED TRANSMISSION		
		DELIVERED TRANSMISSION TO COMPONENT SHOP		
		CONNECTED ENGINE TO TRANSMISSION		
		SECURED LINES, HOSES, AND HARNESSSES BETWEEN ENGINE		
		AND TRANSMISSION		
		INSTALLED ENGINE AND TRANSMISSION IN MACHINE		
		TORQUED MOUNTING BOLTS TO 664 74 LB FT		
		INSTALLED NEW O-RINGS AND CONNECTED LINES		
		INSTALLED HYDRAULIC TANK		
		INSTALLED CEM PACK		
		INSTALLED RADIATOR SHROUD		
		FILLED FLUIDS		
100	7K-1181	TIE		
1	337-5270	ELEMENT AS-X		
26	1556213X	30W-1GL-BULK OIL		

SERVICE INVOICE

Invoice Date 11/28/18

Make	AA
Model	980K
Serial #	*CATC980KVV7K00323*
Equipment #	48 85L
Machine ID	C46373
Meter Reading	19274 0
PSQ/WQ	TU88095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
4	5153957X	15W40 DEO (ULS) BULKS		
		TOTAL PARTS		
1.00-		OTO-MLP-4232		
1.00-		NAT-MLP-4261		
		TOTAL MISC CHGS		
		SEGMENT 01 TOTAL		

REMOVE & INSTALL TRANSMISSION OIL PUMP				
REPAIR PROCESS COMMENTS:				
UNBOLTED HARD LINES GOING TO TRANSMISSION SCAVENGE PUMP				
REMOVED BRACKETS AT SCAVENGE PUMP				
REMOVED SCAVENGE PUMP				
INSTALLED SCAVENGE PUMP				
INSTALLED LINES AND BRACKETS				
1	1H-8720	SEAL-O-RING		
1	4P-7428	CLIP		
2	4P-7581	CLIP		
2	4S-1962	CLIP		
1	6V-4248	BOLT		
1	7C-3083	SEAT		
1	8J-4351	SEAL-O-RING		
1	9M-2904	CLAMP		
1	9M-7958	CLAMP		
2	9N-5085	CLAMP		

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PSO/WO	TU86095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48 85L	11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
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1	9S-4167	STUD		
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TOTAL PARTS

SEGMENT 02 TOTAL

 REMOVE & INSTALL DRIVE SHAFT
 REPAIR PROCESS COMMENTS:
 REMOVED BOLTS HOLDING IN FRONT, CENTER AND REAR
 DRIVE SHAFTS
 REMOVED REAR DRIVE SHAFT
 REMOVED CENTER DRIVE SHAFT
 REMOVED CARRIER BEARING
 AUTO LUBER WAS CONNECTED TO CARRIER BEARING
 THIS CAUSED THE SEALS TO BLOW OUT AND FILL THE
 PARK BRAKE HOUSING FULL OF GREASE
 WITH THE PARK BRAKE HOUSING FULL OF GREASE THE
 BRAKES WHERE INOPERABLE
 REMOVED THE DRIVE SHAFTS
 INSTALLED NEW BOLTS IN DRIVE SHAFT, THEY CAME WITH
 LOCK TIGHT ALREADY ON THEM
 TORQUED BOLTS TO 111 11 LB FT
 INSTALLED CARRIER BEARING
 INSTALLED YOKE
 TORQUED TO 384 52 LB FT

5	3E-4352	WASHER		
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3	6V-5215	BOLT		
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1	234-6681	BOLT-12 POIN		
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TOTAL PARTS SEG. 03

TOTAL LABOR SEG. 03

SEGMENT 03 TOTAL

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Serial #	*CAT0980KVV/K00323*
Equipment #	48 85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TJ88055

Customer #	PO #	Doc. Date	Salesman	Division	Store	Terms
7503700	48 85L	11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
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RECONDITION TC/TRANS OIL COOLER
LINES

-----NOTE-----

REPAIR PROCESS COMMENTS:

REPLACE O-RINGS

CLEANED TRANSMISSION LINES

REPLACED KNOWN BAD LINES AND PRE-ORDERED LINES

2	2S-0795	GASKET
2	5P-1291	CM-HOSE STK
8	8T-4121	WASHER
4	211-8073	CAP-CLAMP
1	224-2675	SEAL-PRESS 1
4	235-2476	SEAL-O-RING
1	238-5080	SEAL-O-RING
1	256-6453	SENSOR GP-TE
2	329-1914	HOSE
2	341-1429	SEAL-PIP
1	366-7037	TUBE AS

TOTAL PARTS

TOTAL LABOR

SEGMENT 04 TOTAL

RECONDITION TRANS, TC & TRF GEARS

SERVICE INVOICE

INVOICE 11812

11/28/18

Make	AA
Model	980K
Serial #	*CAT0990KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSD/WO	TU88095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
36	0S-1618	CAP SCREW		
1	1B-3867	BEARING		
1	1H-4203	CONE		
1	1H-9696	RING		
1	1M-3937	RING		
3	1P-3704	SEAL		
1	1P-3709	SEAL		
2	1P-7834	CUP		
2	1P-7835	CONE		
1	1S-6595	GASKET		
2	1T-0655	BEARING		
2	1T-0657	PLATE		
11	1T-0679	ROLLER		
11	1T-0680	SPRING		
3	1T-0686	RACE		
1	1T-0762	RACE		
2	1T-1078	BEARING		
1	1T-1639	RING		

SERVICE INVOICE

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Make	AA
Model	980K
Serial #	*CAT0380K1W7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU86085

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extending
1	2A-4576	CUP		
1	2D-5658	BEARING		
1	2D-8363	SEAL O RING		
2	2D-9457	CONE		
4	2H-2665	SEAL		
1	2H-6489	RACE		
1	2H-6490	ROLLER A		
2	2K-4472	O RING		
1	2M-0340	SEAL O RING		
1	2S-0679	BEARING A		
1	3D-2824	SEAL O RING		
1	3F-5792	SEAL		
6	3J-1907	SEAL		
2	3K-0360	SEAL		
1	3P-2793	SEAL RING		
1	3P-2794	SEAL RING		
1	3S-1223	SEAL-O-RING		

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Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU88095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
14	3S-2093	TIE		
11	3S-2708	PIN		
1	4B-7255	CONE		
2	4F-2041	CUP		
1	4F-2129	BEARING		
1	4J-0520	SEAL-O-RING		
4	4J-0522	SEAL-O-RING		
1	4J-0528	SEAL O RING		
1	4J-5573	SEAL		
1	4S-8598	SCREEN		
4	5D-2989	BEARING A		
1	5F-0149	RING		
1	5F-3092	RING		
1	5J-1086	SEAL O RING		
8	5M-2054	BEARING A		
1	5M-2057	SEAL		
2	5M-3038	SEAL O RING		
8	5M-6126	BEARING A		

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Machine ID	C45373
Meter Reading	19274.0
PSQ/WO	TU88095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		11/13/18	426	6	10	2

Quantity	Item	Description	Unit Price	Extension
1	5P-0537	WASHER		
16	5P-1294	CM-HOSE STI		
2	5P-2587	SEAL O RING		
1	5P-3867	RACE		
3	5P-3930	BEARING		
12	5P-6718	SEAL-O-RING		
1	5P-8194	RINGORETAIL		
7	6D-7889	SEAL		
1	6F-0156	RING		
1	6P-7767	SHIM PACK		
7	6V-0852	CAP		
1	6V-3965	NIPPLE A		
3	6V-7744	LOCKNUT		
1	6V-8837	BOLT		
1	6Y-3484	BEARING		
1	6Y-5793	RING SEAL		
1	6Y-6328	SHIM		
1	6Y-6329	SHIM		

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Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSD/WO	TU88095

Customer #	PO #	Doc. Date	Salesman	Division	Store	Terms
		11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
1	6Y-7652	CUP		
1	6Y-8864	GASKET		
2	7F-2122	SEAL-O-RING		
3	7G-2343	SPRING		
4	7G-2486	GEAR		
8	7G-2516	GEAR PLANET		
2	7G-2830	RING		
1	7L-2181	SEAL O RING		
3	7T-8816	BEARING		
3	7X-2544	BOLT		
1	7X-6075	STUD BOLT		
1	8D-9739	SEAL		
6	8E-8299	DISC		
24	8E-8304	DISC		
8	8E-8305	DISC		
1	8H-8257	SEAL-O-RING		
1	8J-4351	SEAL-O-RING		

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Meter Reading	19274.0
PSO/WO	TU88095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48 85L	11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
4	8M-4986	SEAL O RING		
1	8M-5255	SEAL O RIN		
1	8M-5661	SEAL O RING		
2	8P-2019	RING-SEAL		
4	8P-2022	RING-SEAL		
1	8P-2053	RING-SEAL		
1	8S-0768	SEAL-O-RING		
1	8T-3298	SEAL		
3	8T-5436	BOLT		
1	9G-0281	RING-SEAL		
1	9G-0286	RING-SEAL		
1	9G-6743	BEARING		
1	9G-6744	BEARING		
1	9G-9981	BREATHER		
1	9H-0846	SEAL O RING		
1	9J-7031	PLUG		
10	9P-7390	DISC A		
1	9P-7757	GEAR		

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Invoice List:

11/28/18

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Serial #	*CAT0980KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU88055

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		11/13/18	426	G	10	Z

Quantity	Item	Description	Unit Price	Extension
1	9P-8626	GEAR		
1	9S-5279	RACE & RLR		
1	9W-8437	GEAR-SUN		
1	131-4091	SEAL-RING		
2	133-4292	SEAL		
1	148-1928	VAL.-RELIEF		
1	171-3942	YOKE		
1	174-1410	CARRIER AS		
1	174-3405	YOKE AS		
1	175-7905	SEAL-O-RING		
2	178-4640	CONE		
2	178-4641	CUP		
1	191-8304	SENSOR G-SPI		
3	20R-2822	PLATE		
3		CORE DEPOSIT		
3-		CORE RETURN		
1	20R-2825	PLATE REACT		
1		CORE DEPOSIT		
1-		CORE RETURN		

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INVOICE DATE:

11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	192740
PSQ/WD	TUB8095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	4885L	11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
1	232-1293	GASKET		
2	233-9748	DISC-FRICTIO		
2	238-5080	SEAL-O-RING		
6	244-3114	VALVE GP-M/L/L		
1	255-4888	GUAGE AS.-O		
1	264-4297	SENSOR PG		
1	284-3599	CAM-FREEWHEEL		
2	318-1179	SENSOR GP-SP		
5	328-4374	DISC-FRICTIO		
4	328-4375	DISC-FRICTIO		
1	328-4416	HARNESS AS-X		
1	330-8196	SEAL-O-RING		
1	368-5063	TUBE AS.-MAG		
		TOTAL PARTS		
		SEGMENT 05 TOTAL		

RECONDITION DRIVE TRAIN OIL LINES				
REPAIR PROCESS COMMENTS:				
REPLACE O-RINGS				
CLEANED TRANSMISSION LINES				
REPLACED KNOWN BAD LINES AND PRE-ORDERED LINES				

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Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSD/WO	TU88095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	11/13/18	426	G	10	2

Quantity	Item	Description
4	1P-3704	SEAL
1	1P-3709	SEAL
2	3J-1907	SEAL
1	3J-7354	SEAL O RING
2	3K-0360	SEAL
1	4J-0520	SEAL-O-RIN
5	4J-0522	SEAL-O-RIN
1	4J-0528	SEAL O RIN
16	5P-1294	CM-HOSE ST
2	6J-2680	SEAL O RIN
1	6V-0852	CAP
1	6V-3965	NIPPLE A
1	6V-8397	SEAL
2	7X-7729	WASHER
1	8C-3446	VALVE
1	8C-3447	DUST CAP-T
28	8T-4121	WASHER
1	8T-4136	BOLT

SERVICE INVOICE

Invoice Date 11/28/18

Make AA
Model 980K
Serial # *CAT0980KVV7K00323*
Equipment # 48.85L
Machine ID C45373
Meter Reading 19274.0
PSO/WO TU83095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	11/13/18	426	6	10	2

Quantity	Item	Description	Unit Price	Extension
20	8T-4196	BOLT		
2	067-2551	CLAMP		
1	214-7568	SEAL-O RING		
2	351-5749	HOSE AS.		
1	366-7075	TUBE AS		
1	366-7076	HOSE AS.		
2	366-7077	HOSE AS.		
		TOTAL PARTS	SEG. 06	
		TOTAL LABOR	SEG. 06	
		SEGMENT 06 TOTAL		

RECONDITION TRANSMISSION OIL FILTER
REPAIR PROCESS COMMENTS:
INSTALLED TO SENSOR IN FILTER HOUSING
REMOVED OLD FILTER
CLEANED INSIDE OF HOUSING
INSTALLED TO O-RINGS
INSTALLED NEW FILTER

2	5P-7701	SEAL
3	8L-2786	O RING
1	095-1678	O-RING
1	347-7407	TUBE CENTLr
1	440-0257	SWITCH AS-F.

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Machine ID	C48373
Meter Reading	19274.0
PSO/WO	TU88085

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
		TOTAL PARTS	SEG. 07	
		TOTAL LABOR	SEG. 07	
		SEGMENT 07 TOTAL		

		REPLACE WITH CAT REMAN TRANSMISSION OIL PUMP		
		REPAIR PROCESS COMMENTS:		
		UNBOLTED HARD LINES GOING TO TRANSMISSION SCAVENGE PUMP		
		REMOVED BRACKETS AT SCAVENGE PUMP		
		REMOVED SCAVENGE PUMP		
		INSTALLED SCAVENGE PUMP		
		INSTALLED LINES AND BRACKETS		
1	8C-3089	SEAL FACE		
1	20R-8001	PUMP GP		
1		CORE DEPOSIT	N	
1-		CORE RETURN	N	
		TOTAL PARTS		
		TOTAL LABOR		
		SEGMENT 08 TOTAL		

		DYNAMOMETER TEST TRANSMISSION		
		REPAIR PROCESS COMMENTS:		
		INSTALLED TRANSMISSION ONTO TO TEST BENCH, PLUMBED HOSES, AND INSTALLED TEST HARNESS. CHECKED MAIN RELIEF PSI, CLUTCH ENGAGEMENT PSI, T.C. IN/OUT PSI, LUBE PSI. ALL PRESSURES IN RANGE. CHECKED FOR EXTERNAL LEAKS. NONE FOUND. REMOVED TEST HARNESS, HOSES, TRANSMISSION FROM BENCH. INSTALLED COVERS,CAPS, PLUGS, STEEL LINES. WASHED TRANSMISSION AND PAINTED.		
		TOTAL LABOR		

SERVICE INVOICE

INVOICE UNIT:

71/28/18

Make	AA
Model	980K
Serial #	*CAT0980KVVW7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WO	TU88095

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		11/13/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
--		SEGMENT 09 TOTAL		-----
	Perts			
	Labor			
	Misc.			
	Tax			

TOTAL

\$38,740.83

SERVICE INVOICE

Invoice Date 11/28/18

Make	AA
Model	580K
Serial #	*CAT0580KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WO	TU86455

Customer #	PU #	Doc Date	Salesman	Division	Store	Terms
		08/21/18				2

Quantity	Item	Description	Unit Price	Extension
	REMOVE & INSTALL ENGINE REPAIR PROCESS COMMENTS: DRAINED ENGINE OIL REMOVED HOSES AND LINES FROM RADIATOR FAN SHROUD AREA REMOVED RADIATOR FAN SHROUD REMOVED CEM PACK REMOVED CEM PACK SUPPORTS REMOVED HYDRAULIC TANK DISCONNECTED AND CAPPED LINES SET UP LIFTING SYSTEM TO PULL ENGINE AND TRANSMISSION AS ONE UNIT TEMPORARILY LIFTED ENGINE AND TRANSMISSION TO LEVEL EVERYTHING OUT ONCE LEVELED REMOVED TRANSMISSION MOUNTING EARS REMOVED ENGINE AND TRANSMISSION OUT OF MACHINE PLACE UNIT ON STANDS REMOVED LINES CONNECTING TRANSMISSION TO ENGINE USED FORK LIFT AND CHAIN AS A SECONDARY FALL PROTECTION SYSTEM WHEN SEPARATING ENGINE FROM TRANSMISSION LIFTED UNIT BY TRANSMISSION AND BLOCKED ENGINE UNBOLTED TRANSMISSION FROM ENGINE REMOVED TRANSMISSION ENGINE DELIVERED TO BAY 2 FOR REBUILD CONNECTED ENGINE TO TRANSMISSION SECURED LINES, HOSES, AND HARNESSSES BETWEEN ENGINE AND TRANSMISSION INSTALLED ENGINE AND TRANSMISSION IN MACHINE TORQUED MOUNTING BOLTS TO 664 74 LB FT INSTALLED NEW O-RINGS AND CONNECTED LINES INSTALLED HYDRAULIC TANK INSTALLED CEM PACK INSTALLED RADIATOR SHROUD FILLED FLUIDS			

WE APPRECIATE YOUR BUSINESS. Your business is important to us and we strive to be your dealership of choice. If we did not meet your expectations, please call 866.2WARREN.

Terms of Payment: Unless specific terms of payment are stated above, which shall then be the governing terms hereof, this invoice shall otherwise be due and payable in full 30 days from the invoice date. Performance under this invoice along with jurisdiction and venue shall be in Tulsa County, Oklahoma. Return parts must be accompanied by the packing list or this invoice. Refer to packing list for parts return policy. ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE. Acceptance of goods or services constitutes acceptance of the Warren Cat Standard Terms and Conditions which are incorporated by reference and available at <http://www.warrencat.com/terms-conditions> or upon request.

SERVICE INVOICE

INVOICE NUMBER
Invoice Date

WD100173585
11/23/18

Make	AA
Model	S80K
Serial #	*CATL580KVV7K00323*
Equipment #	48 85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WD	IU86455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48 85L	08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
1	1R-1808	FILTER AS-LU		
6	5H-4020	COVER		
100	6K-0806	TIE		
4	6Y-9960	MOUNT AS		
24	8T-4121	WASHER		
4	8T-4167	WASHER		
4	8T-4649	BOLT		
4	8T-6703	CLAMP		
15	8T-8729	PIN		
15	8T-8730	CONNECTOR		
4	8Y-7119	WASHER		
4	9W-7385	SLEEVE		
1	102-8801	RECPTACLE 1		
1	102-9803	RECPTACLE 1		
1	155-2255	PLUG KIT-C		
1	155-2260	PLUG KIT-C		
10	212-6932	CLAMP-T'BO		
2	296-5807	CLAMP T BO		

SERVICE INVOICE

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PSQ/WD	TU06455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
3	325-9616	HOSE-HUMP		
2	327-9287	HOSE-AIR		
1	328-7546	HOSE		
1	331-8111	ELEMENT SE		
1	337-9891	HOSE		
1	342-9511	CLAMP-BAND		
1	343-0596	CLAMP-BAND		
3	346-4792	CLAMP-BAND		
1	374-9680	HOSE		
1	388-9379	CAP VENTED		
1	396-2122	ELEMENT PR		
1	435-9843	COVER COND		
1	435-9844	COVER COND		
1	435-9845	COVER COND		
1	444-7551	HOSE-MOLDE		
8	5153957X	15W40 DEO (ULS) BULKS		
1	NAPA-20FW	FLUID WASH S		
		TOTAL PARTS		
5.00		9W7385		
1.00-		OTO-MLP-4232		
1.00-		NAT-MLP-4261		
		TOTAL MISC CHGS		

SERVICE INVOICE

Invoice Date: 11/28/18

Make	AA
Model	980K
Serial #	*CAT0990KWW7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU06455

Customer #	PO #	Doc Date	Salesman	Division	Store	Forms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
		SEGMENT 01 TOTAL		2201.84 T
		REMOVE & INSTALL RADIATOR & OIL COOLER		
		REPAIR PROCESS COMMENTS:		
		DRAINED COOLANT		
		DRAINED HYDRAULIC		
		DISCONNECTED HOSES AND LINES FROM COOLING PACK		
		RECOVERED A/C SYSTEM		
		REMOVED HOSE CONNECTION BOOTS		
		SUPPORTED AND REMOVED COOLING PACK		
		BAGGED ALL OPEN HOLES		
		INSTALLED COOLING PACK		
		INSTALLED NEW BOOTS AND CLAMPS		
		INSTALLED HOSES AND LINES		
		INSTALLED NEW O-RINGS		
		CONNECTED HARNESS		
		FILLED WITH COOLANT		
		SEGMENT 02 TOTAL		
		RECONDITION ENGINE		
		CUSTOMER COMPLAINT:		
		RECONDITION ENGINE		
		REPAIR PROCESS COMMENTS:		
		SET UP OLD ENGINE ON STANDS		
		REMOVED EXHAUST MANIFOLD AND TURBO AND LINES		
		REMOVED NRS COOLER AND PRESSURED TESTED, COOLER		
		FAILED PRESSURE TEST		
		NRS COOLER HAS SERVICE LETTER ON IT, ORDER ALL		
		PARTS FROM SERVICE LETTER		
		REMOVED OIL AND TRANSMISSION COOLER FROM ENGINE		
		REMOVED OIL PUMP AND FILTER HOUSING		
		REMOVED FUEL FILTER HOUSINGS		
		REMOVED MIXING VALVE AND AIR INTAKE		
		REMOVED ECM FROM THE ENGINE AND WIRING HARNESS AND		

SERVICE INVOICE

INVOICE DATE

11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU86455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
		INSPECTED WIRING HARNESS		
		REMOVED OIL PAN AND OIL PICKUP TUBE		
		REMOVED FRONT MOUNT AND REAR BELL HOUSING		
		INSTALLED FRONT MOUNT ONTO NEW ENGINE AND TORQUED TO 75 +/- 15 FT LBS		
		INSTALLED REAR MAIN SEAL AND TORQUED TO 120 IN LBS		
		INSTALLED BELL HOUSING AND TORQUED TO 120 +/- 22 FT		
		INSTALLED FLYWHEEL ONTO CRANK TORQUED TO 160 +/- 30 FT LBS		
		INSTALLED OIL PAN AND TORQUED TO 41 +/- 7 FT LBS		
		REMOVED BRIDGE ASSEMBLY'S AND INJECTORS AND HOLD DOWNS FROM OLD ENGINE		
		INSTALLED NEW INJECTORS INTO NEW ENGINE		
		TORQUED HOLD DOWN BOLTS TO 52 +/- 11 FT LBS		
		INSTALLED ROCKER ASSEMBLY'S AND TORQUED TO 75 +/- 15 FT LBS		
		ADJUSTED VALVE LASH AND SET INJECTORS LASH		
		VALVES SET TO .015 +/- .003 INCH ON INTAKE AND .030 +/- .003 INCH ON EXHAUST		
		TIGHTEN ADJUSTMENT LOCK NUT TO 22 +/- 5 FT LBS		
		ADJUSTED INJECTORS TO JUST TOUCHING INJECTOR AND ADDITION 180 DEGREES OR HALF TURN		
		TORQUED LOCKNUT TO 41 +/- 7 FT LBS		
		INSTALLED NEW GASKET AND VALVE COVER TORQUED TO 250 +/- 62 IN LBS		
		INSTALLED NEW TURBO ONTO MANIFOLD		
		INSTALLED NEW EXHAUST STUDS AND GASKETS		
		INSTALLED MANIFOLD WITH TURBO		
		INSTALLED OIL FEED AND RETURN LINES		
		INSTALLED NEW OIL AND FUEL FILTERS		
		INSTALLED INTAKE HORN AND NRS MIXING VALVE		
		INSTALLED NRS COOLER BY PSP LETTER PS53446		
1	1A-2170	SPRING		N

SERVICE INVOICE

Invoice Date 11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WO	TU86455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
2	1R-0749	FILTER 2MIC		
1	1R-1808	FILTER AS-LI		
1	2P-4304	STUD		
1	3E-4353	WASHER		
1	3E-6788	SEAL-O RING		
2	3E-8016	BOLT LOCK		
3	3S-2093	TIE		
2	4N-8150	SPRING		
1	5D-1026	CLAMP		
21	5P-0767	CM-HOSE STK		
4	5P-4116	WASHER		
2	5P-8068	SEAL		
1	6D-9953	PIN		
25	6N-8863	WASHER		
1	6V-0852	CAP		
1	6V-3834	SEAL O RING		
1	6V-3965	NIPPLE A		
3	6V-5134	SEAL O RING		

SERVICE INVOICE

Invoice Date: 11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KWW7K00323*
Equipment #	48 85L
Machine ID	C46373
Meter Reading	192740
PSD/WO	TU06455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
1	6V-5219	BOLT		
100	6V-5839	WASHER -HARI		
1	6V-7238	VALVE		
1	6V-9769	SEAL		
1	7C-1821	COUPLING		
1	7C-3954	SPRING AS		
6	7K-1181	TIE		
1	7X-7729	WASHER		
1	8C-3445	DUST CAP-EI		
1	8C-3446	VALVE		
2	8F-7242	WASHER		
1	8L-2786	O RING		
2	8T-1117	CLAMP-HOSE		
30	8T-4121	WASHER		
4	8T-4133	NUT		
3	8T-4224	WASHER		
8	8T-9655	MOUNT		
1	8Y-9603	CABLE A		

SERVICE INVOICE

Invoice Date: 11/28/18

Make	AA
Model	980K
Serial #	*CATC980KWW7K00323*
Equipment #	48 85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU06455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48 85L	08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
63	9M-1974	WASHER		
5	9N-0869	WASHER		
1	9S-4167	STUD		
8	9X-2027	WASHER		
1	9X-6165	WASHER		
24	9X-6620	NUT LOCK		
4	9X-8267	WASHER		
1	067-2551	CLAMP		
1	109-1145	CLAMP HOSE		
2	113-5304	SEAL		
12	116-3715	STUD		
1	121-4345	SEAL-O-RIN		
2	124-6265	CLAMP-HOSE		
1	131-6645	HOSE		
4	132-5789	CLIP		
6	134-5245	BOLT		
1	139-1398	CLIP		

SERVICE INVOICE

Invoice Date:

11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU86455

Customer #	PO #	Duc Date	Salesman	Division	Store	Terms
7503700	48.85L	08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
8	162-2776	BOLT-HEX HED		
3	176-9237	STUD-BOLT		
1	178-1781	CLIP		
1	189-8772	SPACER		
1	20R-0053	ALTERNATOR		
1		CORE DEPOSIT		
1-		CORE RETURN		
1	20R-0990	CORE A OIL C		
1		CORE DEPOSIT		
1-		CORE RETURN		
2	20R-1299	INJ GP FUEL		
		D		
2		CORE DEPOSIT		
2-		CORE RETURN		
4	20R-1299	INJ GP FUEL		
		D		
4		CORE DEPOSIT		
4-		CORE RETURN		
1	20R-1767	CONTROL GP		
1		CORE DEPOSIT		
1-		CORE RETURN		
1	20R-3250	MOTOR G ELEC		
		D		
1		CORE DEPOSIT		
1-		CORE RETURN		
1	20R-5120	BLOCK G LONG		
		D		
1		CORE DEPOSIT		

SERVICE INVOICE

Invoice Date:

11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KVV7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WO	TU86455

Customer #	PO #	Doc. Date	Salesman	Division	Store	Terms
7503700	48.85L	08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
1-		CORE RETURN		
1	20R-8186	CONT GP -E		
1		CORE DEPOSIT		
1-		PARTIAL CRD		
2	206-1345	STRAP-CABLE		
2	211-8073	CAP-CLAMP		
1	213-0677	SWITCH AS		
2	214-7568	SEAL-O RING		
1	228-4947	SEAL-O-RING		
1	229-8810	SEAL-PRESS		
1	236-8745	CORE AS		
1	238-5081	SEAL-O-RING		
3	238-5084	SEAL-O-RING		
1	241-8368	SWITCH AS-M		
2	248-5513	REGULATOR-T		
2	256-6453	SENSOR GP-T		
1	272-2583	SEAL-O-RING		
1	277-1873	CLIP-LADDER		
1	279-9828	SENSOR GP		

SERVICE INVOICE

INVOICE DATE

11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KWW7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WO	TU86455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
1	279-9829	SENSOR GP-S		
4	290-1993	STRAP-CABLE		
2	290-5562	MOUNT-DUAL		
1	291-8145	SEAL-O-RING		
1	293-5535	SENSOR GP-PI		
1	293-7589	SEAL-O-RING		
1	294-6119	SENSOR GP-PI		
4	296-4285	SCREW-PAN HI		
2	314-7599	CLAMP-BAND		
4	315-4672	INJECTOR AS		
1	320-3060	SENSOR GP		
1	320-3062	SENSOR GP-PI		
1	320-3063	SENSOR GP-PI		
1	324-9290	BELLOWS AS		
1	325-7472	SENSOR GP-PI		
1	328-7546	HOSE		
1	330-6719	SENSOR GP-PI		
4	332-0013	CLIP-LOOP		

SERVICE INVOICE

Invoice Date 11/28/18

Make	AA
Model	980K
Serial #	*CAT0300KW17K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU66455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
3	333-1207	IDLER AS		
1	334-1623	BELT		
1	335-2252	MOUNT-FIR		
1	335-4019	FILTER AS		
2	335-9214	CLAMP-BANI		
1	336-2216	GASKET		
2	337-9075	CLIP-LOOP		
1	339-8822	SENSOR AS-		
1	340-7220	RING-WAVE		
1	346-4897	SEAL-O-RIN		
4	347-1083	SPACER		
1	347-3869	CLIP-LADDE		
1	349-1209	CLIP-LOOP		
1	351-1954	HARNESS AS		
1	351-6636	TENSIONER-		
1	352-0207	PUMP GP-WZ		
1	354-6963	HARNESS AS		

SERVICE INVOICE

Invoice Date:

11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KVV7X00323*
Equipment #	48 85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WO	TU88455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
1	355-3865	HOSE-FILTER		
1	357-7078	HOSE AS.		
1	359-4892	RING-RETAIN		
1	359-4893	RING-RETAIN		
1	361-0671	LINE AS-HYB		
1	362-1505	HARNESS AS		
1	368-9912	HOSE AS.		
1	371-1431	HOSE-MOLDED		
2	392-9208	PLUNGER-REL		
1	399-3391	TURBO GP-BA		
1	418-2031	HARNESS AS-		
1	473-2191	KIT GASKET		
1	473-2192	KIT GASKET		
1	473-2193	KIT GASKET		
1	473-2194	KIT GASKET		
1	473-2195	KIT GASKET		
1	5153957X	15W40 DEO (ULS) BULKS		
1	38657	HIFLEX GSK MK 50MLS		
		TOTAL PARTS		

SERVICE INVOICE

Invoice Date. 11/28/18

Make	AA
Model	980K
Serial #	*CAT0980KVV7K00323*
Equipment #	48.85L
Machine ID	C48373
Meter Reading	19274.0
PSO/WD	TU86455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
		F/R LBR		
3.00		INBOUND FREIGHT		
3.00		3993391		
		TOTAL MISC CHGS	SEG. 07	
		SEGMENT 07 TOTAL		

DYNAMOMETER TEST ENGINE				
1	1R-1808	FILTER AS-L		
2	6J-2680	SEAL O RING		
6	8T-0640	BOLT		
1	226-4757	SEAL GP-CSH		
2	228-4947	SEAL-O-RING		
1	389-3747	GAUGE GP-O		
1	OILSMPL2	SAMPLE W/O MAILER S		
6	3145168X	10W HYDO ADV 1 GALS		
14	5153973X	15W40 DEO(ULS) 1GLS		
		TOTAL PARTS		
402.00		DIESEL ENG DYNO		
		TOTAL MISC CHGS		
		SEGMENT 08 TOTAL		

RECONDITION RADIATOR & OIL COOLER				
REPAIR PROCESS COMMENTS:				
REMOVED SUPPORTS				
REMOVED FAN AND MOTOR UNIT				
REMOVED SHROUD				
REMOVED BAFFLES				
REMOVED OVERFLOW TANK				

SERVICE INVOICE

Invoice Date: 11/28/18

Make	AA
Model	980K
Serial #	*CAT09B0KVV7K00323*
Equipment #	48 85L
Machine ID	C46373
Meter Reading	19274 0
PSO/WO	TU86455

Customer #	City	Doc Date	Salesman	Division	Store	Terms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
		REMOVED ATTAC		
		REMOVED BOTH RADIATORS		
		CLEANED OUT DIRT		
		INSTALLED NEW MOUNTS		
		INSTALLED NEW SEALS		
		INSTALLED NEW ATTAC		
		INSTALLED NEW RADIATOR		
		INSTALLED OVERFLOW TANK		
		INSTALLED BAFFLES		
		INSTALLED SHROUD		
		INSTALLED FAN AND MOTOR UNIT		
		INSTALLED SUPPORTS		
		REMOVED OLD HYDRAULIC OIL COOLER		
		INSTALLED NEW HYDRAULIC OIL COOLER		
		FOUND THAT NEW CONDENSER WAS DAMAGED FROM THE		
		FACTORY		
		ORDERED AND INSTALLED NEW CONDENSER TO REPLACE		
		DAMAGED ONE		
2	2H-6338	SEAL		
2	4E-1384	BUMPER		
3	5P-7483	M-SEAL STK		
5	5P-8309	M-SEAL-STK		
1	5V-8780	KNOB		
2	6J-2680	SEAL O RING		
107	7X-7729	WASHER		
4	8C-0572	WASHER		
136	8C-5058	CM-SEAL-STI		

SERVICE INVOICE

Invoice Date

11/28/18

Make	AA
Model	980K
Serial #	*CATC980KW77K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WD	TUB6455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
30	8T-4196	BOLT		
16	8T-4226	WASHER		
16	9X-8256	WASHER		
1	168-2067	MOUNT AS		
1	171-2208	BREAKER AS-		
2	226-0291	LOCK AS		
4	238-8649	CAT ELC		
1	240-7313	CORE AS-OIL		
4	243-2289	MOUNT AS		
4	277-8628	MOUNT		
1	291-9133	COIL AS-EVA		
140	296-8592	SEAL-BULK		
20	312-6458	TAPE-REFLEC		
4	317-8141	MOUNT		
1	320-0562	DRYER AS-DY		
2	325-8570	CORE AS-RDT		
3	327-0282	SEAL-INTEGR		
1	327-0283	SEAL-INTEGR		

SERVICE INVOICE

INVOICE DATE

11/28/18

Make	AA
Model	980K
Serial #	*CAT980KW7K00323*
Equipment #	48 85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WO	TU86455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48 85L	08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
1	334-2578	CORE AS-CONJ N		
1	334-3325	COOLER AS-FU N		
1	367-8462	CORE AS-AFCL N		
		TOTAL PARTS		
1.00		3678462		
		TOTAL MISC CHGS		
		SEGMENT 12 TOTAL		

RECONDITION COOLANT HOSE/LINES				
REPAIR PROCESS COMMENTS:				
INSTALLED NEW OVERFLOW TANK				
INSTALLED NEW COOLANT HOSES ON COOLING PACKAGE				
5	1P-4278	CLAMP		
1	2S-3440	CLAMP		
1	3D-2824	SEAL O RING		
1	3J-7354	SEAL O RING		
4	3K-0360	SEAL		
3	3P-9847	CLAMP		
3	5D-1026	CLAMP		
2	5D-6523	CLIP		
45	5P-0767	CM-HOSE STK		

SERVICE INVOICE

Invoice Date 11/28/18

Make	AA
Model	980K
Serial #	*CAT0990KVVW7K00323*
Equipment #	48 BSL
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU86455

Customer #	PO #	Doc. Date	Salesman	Division	Store	Terms
7503700	48 BSL	CB/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
2	5P-4116	WASHER		
2	5P-9299	CLIP		
2	6D-4246	CLAMP		
2	6V-3251	SEAL O RING		
1	6V-5063	SEAL O RING		
1	6V-7238	VALVE		
3	6V-9027	SEAL-O-RING		
1	7D-7233	CLIP		
3	7K-1181	TIE		
12	7X-1443	PROTECTOR		
8	7X-7729	WASHER		
245	7Y-1976	CM HOSE STK		
17	8T-4121	WASHER		
1	8T-4222	WASHER		
2	121-4345	SEAL-O-RING		
1	122-3606	CLIP		
3	124-1479	CLIP-LOOP		
1	157-0670	CAP-DUST		

SERVICE INVOICE

Invoice Date:

11/28/18

Make	AA
Model	980K
Serial #	*CAT099DKVW7K00323*
Equipment #	48.85L
Machine ID	C4E373
Meter Reading	19274.0
PSO/WO	TU86455

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	08/21/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
12	209-4573	CLAMP-T BOLL		
5	211-8071	CAP-CLAMP		
13	211-8073	CAP-CLAMP		
1	242-6099	CLIP-LOOP		
1	301-3004	FILM		
1	301-3005	FILLM		
4	332-4022	HOSE		
430	349-6239	CM BULK HOSE		
295	351-9048	CM HOSE BULK		
1	364-9799	HOSE		
1	486-0884	TANK GP COOL		
1	524-3126	HOSE		
		TOTAL PARTS		
1.00		3013005		
		TOTAL MISC CHGS		
		SEGMENT 14 TOTAL		

Parts	
Labor	
Misc	
Tax	

TOTAL

\$62,959.15

SERVICE INVOICE

Invoice Date: 12/26/18

Make	AA
Model	980K
Serial #	*CAT0980KVW7K00323*
Equipment #	48.85L
Machine ID	C46373
Meter Reading	19274.0
PSO/WO	TU88361

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		11/30/18	426	6	10	2

Quantity	Item	Description	Unit Price	Extension
2	9S-8002	PLUG		
1	9S-8008	PLUG		
110	9X-2133	CM HOSE STK		
1	289-3107	GASKET		
1	324-9290	BELLOWS AS.-		
2	344-5674	NUT-HEX		
1	365-0184	TUBE		
2	397-9301	WASHER HARD		
1	437-4425	SEAL-O-RING		
1	439-1846	ADAPTER-ELBO		
4	443-3947	CLAMP-HOSE		
1	449-3068	COOLER GP-EX		
1	487-5075	ELBOW-COOLER		
2	509-7459	BRACKET AS		
1	514-6555	SHIELD AS		
1	517-0055	TUBE AS-WATE		
1	517-0061	BRACKET AS		
		TOTAL PARTS	SEG. 02	
		SEGMENT 02 TOTAL		

Parts	
Labor	
Misc.	
Tax	
TOTAL	\$3,972.13

SERVICE INVOICE

INVOICE NUMBER: _____
 Invoice Date: 12/26/18

Make	AA
Model	980K
Serial #	*CAT0980KVV7K00323*
Equipment #	4B.85L
Machine ID	C46373
Meter Reading	19274.0
PSQ/WO	TU88361

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
7503700	48.85L	11/30/18	425	G	10	2

Quantity	Item	Description	Unit Price	Extension
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REPLACE TRANSMISSION LINES/HOSES
 CUSTOMER COMPLAINT:
 VIBRATION AND NOISE FROM BYPASS VALVE
 CAUSE OF FAILURE
 BYPASS VALVE AND TUBE TO TRANS SUMP
 REPAIR PROCESS COMMENTS:
 AFTER MACHINE WAS ASSEMBLED NOTICED EXCESSIVE
 VIBRATION AND NOISE FROM THE BYPASS VALVE.
 REMOVED THE CAB
 REMOVED TUBES
 REMOVED HOSE
 REMOVED BYPASS VALVE
 INSTALLED NEW VALVE 393-1595 TUBE 389-9845
 INSTALLED THE CAB
 RAN THE MACHINE AND THE PROBLEM WAS CORRECTED

1	1P-3704	SEAL		
1	4J-0520	SEAL-O-RING		
3	5K-9090	SEAL O RING		
2	7M-8485	SEAL		
6	8T-4121	WASHER		
2	8T-4172	BOLT		
4	8T-4196	BOLT		
4	8T-4223	WASHER		
4	8T-4910	BOLT		
1	366-7078	HOSE AS.		
1	366-7079	BRACKET AS		
1	389-9845	TUBE AS		
1	393-1595	VALVE GP-MTG		
TOTAL PARTS			SEG. 01	
SEGMENT 01 TOTAL				

 REPLACE CGI COOLER
 CUSTOMER COMPLAINT:
 NRS FAILED LEAK DOWN TEST

SERVICE INVOICE

INVOICE NUMBER: 12/26/18
Invoice Date:

Make AA
Model 980K
Serial # *CAT0980KVV7K00323*
Equipment # 4B.85L
Machine ID C46373
Meter Reading 19274.0
PSO/WO TU89361

Customer #	PO #	Doc Date	Salesman	Division	Store	Terms
		11/30/18	426	G	10	2

Quantity	Item	Description	Unit Price	Extension
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REPAIR PROCESS COMMENTS:
PULLED OLD NRS COOLER OFF ENGINE
PLUGGED COOLANT HOLES AND PUT VACUUM GAUGE ON NRS COOLER
PULLED VACUUM ON 18 PSI AND LET SET FOR 20 MINUTES
WAS AT 5 PSI, TEST AGAIN THREE MORE TIMES TO INSURE ALL PLUGS WERE SEALED AND WASN'T LEAKING
NRS COOLER BAD
REPLACED WITH NEW NRS COOLER
BLOCKED OFF COOLANT FITTINGS ON TURBO AND FEED FROM WATER PUMP
INSTALLED NEW FITTINGS AND HOSE AND PIPE ONTO OF NRS COOLER
INSTALLED RUBBER HOSE FROM PIPE TO RESERVOIR TANK ON RADIATOR

2	5D-6523	CLIP		
2	5P-4116	WASHER		
1	6V-5063	SEAL O RING		
2	6V-5843	BOLT		
3	6V-9027	SEAL-O-RING		
1	6V-9830	PLUG AS		
3	7L-6580	SEAL O RING		
1	8S-0023	CLIP		
1	8S-0024	CLIP		
2	8S-4951	CAP		
1	8T-0292	BOLT		
2	8T-4121	WASHER		
2	8T-4137	BOLT		
2	8T-4971	BOLT		
1	8T-5917	SEAL-O-RING		
3	8T-9085	BOLT		
3	9N-5085	CLAMP		