

User: D430

Catalog #:

D11R Track Type Tractors, 1999
SN: 07P200289Current Hours (SMU): N/A
Sale Date: 12/23/1999

Delivery Date: 01/08/2000

Service History

Service Date	Invoice Type	Hours	Description	Service Notes
03/30/2007	Service	14020	REPAIR AIR CONDITIONER	CUSTOMER COMPLAINT: THE A/C IS NOT COOLING CAUSE OF FAILURE: I FOUND THAT THE HOSES WERE LEAKING REPAIR COMMENTS: I REMOVED AND REPLACED THE HOSES, DRYER, ACCUMULATOR, AND THE BELT. I INSTALLED A LOW PRESSURE SWITCH AND ADDED THE WIRING FOR THE SWITCH. I THEN PULLED A VACUUM AND CHARGED THE SYSTEM. I RUN THE MACHINE AFTER THE REPAIR.
03/30/2007	Service	14015	REPAIR TRACK ASSEMBLY	CUSTOMER COMPLAINT: TRACK OFF OF THE MACHINE CAUSE OF FAILURE: BROKEN MASTER BOLTS RESULTANT DAMAGE: NONE REPAIR COMMENTS: DROVE TO CUSTOMERS JOB SITE AT BARRY STEAM PLANT. FOUND MACHINE SITTING IN COAL PILE WITH THE RIGHT SIDE OFF. HAD TO GET ANOTHER MACHINE TO CLEAR AREA BEHIND MACHINE AND HELP MOVE MACHINE BACK ONTO THE TRACK ASSEMBLY. AFTER ALL FOUR BROKEN MASTER BOLTS WERE REMOVED AND HOLES RETAPPED WE RECONNECTED THE MASTER LINK AND INSTALLED THE TRACK SHOE. DUE TO WEAR AND DAMAGE TO THE MASTER LINK AFTER THE BOLTS WERE TORQUED THE LINKS WERE WELDED TOGETHER.
04/25/2007	Parts	0		
04/25/2007	Parts	0		
04/25/2007	Parts Credit	0		
09/22/2007	Service	0	REPAIR LOW COOLANT TEMP ALARM	
09/26/2007	Service	14758	REPAIR AIR CONDITIONER	CUSTOMER COMPLAINT: AIR CONDITIONER DOES NOT COOL REPAIR COMMENTS: TRAVELED TO MACHINE CHECKED AIR CONDITIONER FOUND COMPRESSOR CLUTCH NOT ENGAGING CHECKED ELECTRICAL CIRCUIT FOUND GROUND WIRE OPEN TO CLUTCH REPAIRED WIRE OPERATED MACHINE CHECKED FOR PROPER OPERATION OF AIR CONDITIONER
09/29/2007	Service	14746	REPAIR ELECTRICAL SYSTEM	CUSTOMER COMPLAINT: ACTIVE CODE ENGINE COOLANT GAUGE SHOWS HOT REPAIR COMMENTS: TRAVELED TO MACHINE CONNECTED LAP TOP CHECKED CODES FOUND CODE FOR ENGINE COOLANT TEMP SENSOR SIGNAL HIGH CHECKED SYSTEM FOUND SENSOR BAD REPLACED SENSOR OPERATED MACHINE CHECKED FOR PROPER OPERATION
11/20/2007	Service	14998	REPAIR AIR CONDITIONER	CUSTOMER COMPLAINT: THE AIR CONDITIONER IS FREEZING UP AND WILL NOT COOL CAUSE OF FAILURE: 3E5464 SWITCH WAS BAD REPAIR COMMENTS: WENT TO THE MACHINE AND CHECKED OUT THE AIR CONDITIONER AND FOUND THE TEMPERATURE SWITCH WAS BROK I ORDER A NEW SWITCH AS AND WENT BACK THE NEXT DAY AND INSTALLED IT. THE A/C THE SYSTEM WAS LOW IN FREON, PUT 2 CAN IN THE SYSTEM THE A/C IS WORKING OK AT THIS TIME. REPAIR COMMENTS: REMOVED THE PRESSURIZER GROUP. INSTALLED A NEW FILTER AN PRESSURIZER BACK ON THE A/C SYSTEM AND RAN ACHINE AN CHACK IT OUT. THE A/C IS WORKING O.K AT THIS TIME. CUSTOMER COMPLAINT: THE AIR CONDITIONER IS FREEZING UP. REPAIR COMMENTS: CHECK THE A/C AND FOUND THE CAB PRESSURIZER MOTOR WAS NOT WORKING. THE MOTOR HAD 24V GOING TO IT. THE MOTOR PRESSRIZS THE AIR CONDITIONER WITH AIR. ORDERED A NEW PRESSURIZER GROUP TO BE INSTALLED ON THE MACHINE.
11/21/2007	Parts	0		
11/28/2007	Service	15078	REPAIR STARTING SYSTEM	CUSTOMER COMPLAINT: MACHINE WOULD NOT START CAUSE OF FAILURE: UNKNOWN RESULTANT DAMAGE: NONE REPAIR COMMENTS: DROVE TO CUSTOMERS JOB SITE AT BERRY STEAM PLANT. TRIED TO START MACHINE, BUT NOTHING WOULD RESPOND. CHECKED VOLTAGE AND FOUND 24.5 VOLTS IN SYSTEM. HOOKED UP LAP TOP COMPUTER TO CHECK FOR CODES. COULD FIND NO CURRENT CODES. CHECKED SIGNAL TO PRELUBE SOLENOID AND FOUND SIGNAL GOING TO SOLENOID, NOT ACTIVATING THE SWITCH. MANUALLY ACTIVATED SWITCH AND MACHINE STARTED. CUSTOMER ORDERED NEW PART AND MADE THE NECESSARY REPAIRS.
01/17/2008	Service	0	RESEAL+LIGHT HONE NON-CAT HYD CYLINDER	CUSTOMER COMPLAINT: N/A CAUSE OF FAILURE: N/A RESULTANT DAMAGE: N/A REPAIR PROCESS COMMENTS: CLEAN CYLINDER AS NEEDED. DISASSEMBLE HYDRAULIC CYLINDER AND INSPECT FOR REPAIRS. FOUND SEALS WORN AND DAMAGED. CLEANED PARTS AS NEEDED AND ORDERED PARTS FOR REPAIRS. REASSEMBLE CYLINDER ASSY WITH NEW SEALS AND HONED CYLINDER BARREL.
01/17/2008	Service	0	HONE/KNURL NON-CAT HYD CYLINDER	CUSTOMER COMPLAINT: N/A CAUSE OF FAILURE: N/A RESULTANT DAMAGE: N/A REPAIR PROCESS COMMENTS: CLEAN AND INSPECT HYDRAULIC CYLINDER BARREL. HONE BARREL AS NEEDED.
04/22/2008	Parts	0		
05/06/2008	Service	0	REPAIR TRACK ASSEMBLY	
05/20/2008	Parts	0		
05/22/2008	Parts	0		

07/18/2008	Service	0	RESEAL+LIGHT HONE NON-CAT HYD CYLINDER	RESEAL (EACH). PARTS AND LABOR INCLUDED TO DISASSEMBLE, CLEAN, INSPECT AND ASSEMBLE CYLINDER WITH NEW SEALS. REPLACING TRUNNION BEARING IS AVAILABLE AT EXTRA COST. CUSTOMER COMPLAINT: N/A CAUSE OF FAILURE: N/A RESULTANT DAMAGE: N/A REPAIR PROCESS COMMENTS: DISASSEMBLE HYDRAULIC CYLINDER FOR INSPECTION AND REPAIRS. FOUND SEALS WORN. ORDER PARTS AND CLEAN AS NEEDED. ASSEMBLE CYLINDER WITH NEW SEALS AND HOLDING VALVE. TEST
07/18/2008	Service	0	HONE/KNURL NON-CAT HYD CYLINDER	CUSTOMER COMPLAINT: N/A CAUSE OF FAILURE: N/A RESULTANT DAMAGE: N/A REPAIR PROCESS COMMENTS: HONE CYLINDER BARREL AS NEEDED.
08/28/2008	Parts	0		
09/20/2008	Service	16399	TROUBLESHOOT TRANSMISSION	CUSTOMER COMPLAINT: MACHINE WILL NOT TAKE FIRST OR SECONDS GEAR. CAUSE OF FAILURE: INTERNAL FAILURE OF TRANSMISSION. RESULTANT DAMAGE: ON FIRST OR SECOND GEAR REPAIR PROCESS COMMENTS: CUSTOMER WANTED TO INSTALL A TRANSMISSION FROM A NETHER TRACTOR THAT WAS BURNT. REMOVED THE COUNTER WEIGHTS FROM BURNT TRACTOR AND DRAINED THE TRANS OIL. REMOVED ED THE TRANS FROM THE MACHINE AND CLEANED AS BEST WE COULD. REMOVED THE COUNTER WEIGHT FROM OTHER TRACTOR AND DRAINED THE OIL FROM TRANS REMOVED THE TRANSMISSION AND INSTALLED TRANS FROM THE BURNT TRACTOR. INSTALLED COUNTER WEIGHTS REFILLED TRANSMISSION WITH OIL. AND RAN THE MACHINE NO OTHER PROBLEMS WERE FOUND AT THIS TIME. ADVISED CUSTOMER THAT THE OIL AND FILTER NEEDS TO BE CHANGED IN ABOUT 8 HOURS OF RUNNING TIME.
10/15/2008	Parts	0		
10/24/2008	Service	16506	REPAIR ENGINE	CUSTOMER COMPLAINT: ENGINE FAULT LIGHT ON. CAUSE OF FAILURE: AIR FILTER SENSOR BAD. RESULTANT DAMAGE: FAULT LIGHT ON. REPAIR PROCESS COMMENTS: DROVE TO CUSTOMER JOBSITE CONNECTED E.T AND TROUBLESHOOT FAULT CODE. FOUND THAT THE AIR FILTER SENSORS WERE BAD. THE CUSTOMER IS GOING TO GET THE PARTS AND REPLACE.
12/04/2008	Parts	0		
12/31/2008	Parts	0		
01/24/2009	Service	0	WITHDRAW AND ANALYZE FINAL DRIVE(S)	RECONDITION - MAJOR. LEVEL II REBUILD. PARTS AND LABOR INCLUDED. LEVEL II CORE CONDITION CRITERIA: * ACCEPTABLE PART NUMBER - CATERPILLAR PART. * SPROCKET (OR WHEEL), HUB, CARRIER, OR SPINDLE VISIBLY CRACKED OR BROKEN. * GEARS VISIBLY BROKEN (COVER PLATE REMOVED). * TRACK-TYPE TRACTOR FINAL DRIVE DOES NOT "BAR OVER" ONE FULL REVOLUTION. CUSTOMER COMPLAINT: CUSTOMER WANTED HIS FINAL DRIVE REBUILT AS PART OF A REFURBISHMENT OF HIS MACHINE. LARGE AMOUNTS OF METAL ON MAGNETIC DRAIN PLUG. CAUSE OF FAILURE: BOTH SPINDLE BEARINGS HAD FAILED BADLY PUTTING LARGE AMOUNTS OF METAL THRU ALL GEARS. ALL GEARS WERE SPALLING TO SOME DEGREE. SPROCKET HUB FLANGE CRACKED. RESULTANT DAMAGE: ALL SEALS, BEARINGS, GEARS, & SPROCKET HUB NEEDED REPLACEMENT. REPAIR PROCESS COMMENTS: RAN AN ESTIMATE OF THE COSTS TO REBUILD THIS UNIT & FOUND IT CHEAPER TO REPLACE IT WITH AN OR UNIT. P.W.O.# MB19123
01/24/2009	Service	0	INSTALL SPROCKET SEGMENT	CUSTOMER COMPLAINT: CUSTOMER WANTED HIS SPROCKET SEGMENTS REPLACED AS PART OF A REFURBISHMENT OF HIS MACHINE. CAUSE OF FAILURE: NO FAILURE. NORMAL WEAR. RESULTANT DAMAGE: SPROCKET SEGMENTS NEEDED REPLACEMENT. REPAIR PROCESS COMMENTS: REPLACED SPROCKET SEGMENTS AS REQUESTED USING ALL NEW MOUNTING HARDWARE. TORQUED ALL BOLTS TO THE LATEST CATERPILLAR SPEC'S USING THE HYD. TORQUE WRENCH. P.W.O.# MB19123
02/10/2009	Parts	0		
02/11/2009	Parts	0		
02/11/2009	Parts Credit	0		
02/17/2009	Parts Credit	0		
03/13/2009	Service	0	REPLACE/RESEAL WITH PLATE IDLER/IDLER WHEEL	1-9W9651 IDLER 06X00043
03/13/2009	Service	0	WASH, FUEL&GO IDLER/IDLER WHEEL	1-9W9651 IDLER 06X00043 +++++ RECONDITION (MAJOR) - PARTS AND LABOR. INCLUDES DISASSEMBLE, AUTOMATIC WELD BUILD-UP AND ASSEMBLE. INCLUDES REPLACEMENT OF ALL INTERNAL PARTS. INCLUDES WEAR BUILD-UP OF GUIDE COLLARS THAT ARE PART OF HYSTAT IDLERS. EXCLUDES REPLACEMENT OF IDLER HULL ASSEMBLY. EXCLUDES REPAIR OR REPLACEMENT OF LINK ASSEMBLY ON IDLERS SO EQUIPPED. * ALL IDLERS WILL BE EVALUATED USING CATERPILLAR RECOMMENDED REBUILD WEAR LIMIT SPECIFICATIONS. IDLER HULLS WORN BEYOND 100% MAY NOT QUALIFY AS REBUILDABLE CORES AND MAY BE SUBJECT TO REPLACEMENT AT ADDITIONAL COST.
03/13/2009	Service	0	TEST STD DLR REBUILD COMP MAJOR	1-9W9651 IDLER 06X00043
03/13/2009	Service	0	REPLACE/RESEAL WITH PLATE IDLER/IDLER WHEEL	
04/22/2009	Parts	0		
04/28/2009	Parts	0		

				Reference work order: RR58802 ***** CUSTOMER COMPLAINT: BAD OIL SAMPLE REPORT. IT WAS REPORTED THAT CHUNKS OF METAL WERE ON MAGNETIC FILL PLUG. CAUSE OF FAILURE: FOUND NO FAILURES. RESULTANT DAMAGE: FOUND NO CHUNKS OF METAL IN FINAL DRIVE. MAGNETIC PLUG WAS RELATIVELY CLEAN WITH SOME SOFT FLUFF, LIKE CAST IRON ON IT. REPAIR PROCESS COMMENTS: TORE COMPLETELY DOWN & INSPECTED EACH GEAR & BEARING FOR SIGNS OF FAILURE. FOUND NO SIGNS OF PITTING OR SPALLING ON ANYTHING. RE-ASSEMBLED USING NEW SEALS, THE OLD BEARINGS, & NEW PRE-LOAD BOLTS. THIS UNIT IS A CATERPILLAR REMAN UNIT. TORQUED ALL BOLTS TO SPEC'S. DID NOT REMOVE SPROCKET SEGMENTS. P.W.O.# RR58549-T1
06/03/2009	Service	0	REPAIR FOR WARRANTY: FINAL DRIVE(S)	
				Reference work order: RR58802 ***** CUSTOMER COMPLAINT: BAD OIL SAMPLE REPORT. IT WAS REPORTED THAT CHUNKS OF METAL WERE ON MAGNETIC FILL PLUG. CAUSE OF FAILURE: FOUND NO FAILURES. RESULTANT DAMAGE: FOUND NO CHUNKS OF METAL IN FINAL DRIVE. MAGNETIC PLUG WAS RELATIVELY CLEAN WITH SOME SOFT FLUFF, LIKE CAST IRON ON IT. REPAIR PROCESS COMMENTS: TORE COMPLETELY DOWN & INSPECTED EACH GEAR & BEARING FOR SIGNS OF FAILURE. FOUND NO SIGNS OF PITTING OR SPALLING ON ANYTHING. RE-ASSEMBLED USING NEW SEALS, THE OLD BEARINGS, & NEW PRE-LOAD BOLTS. THIS UNIT IS A CATERPILLAR REMAN UNIT. TORQUED ALL BOLTS TO SPEC'S. DID NOT REMOVE SPROCKET SEGMENTS. P.W.O.# RR58549-T1
06/11/2009	Service Credit	0	REPAIR FOR WARRANTY: FINAL DRIVE(S)	
06/11/2009	Service Credit	0	REPAIR FOR WARRANTY: FINAL DRIVE(S)	
06/16/2009	Service	0	REPAIR FINAL DRIVE(S)	CUSTOMER COMPLAINT: BAD OIL SAMPLE REPORT. IT WAS REPORTED THAT CHUNKS OF METAL WERE ON MAGNETIC FILL PLUG. CAUSE OF FAILURE: FOUND NO FAILURES. RESULTANT DAMAGE: FOUND NO CHUNKS OF METAL IN FINAL DRIVE. MAGNETIC PLUG WAS RELATIVELY CLEAN WITH SOME SOFT FLUFF, LIKE CAST IRON ON IT. REPAIR PROCESS COMMENTS: TORE COMPLETELY DOWN & INSPECTED EACH GEAR & BEARING FOR SIGNS OF FAILURE. FOUND NO SIGNS OF PITTING OR SPALLING ON ANYTHING. RE-ASSEMBLED USING NEW SEALS, THE OLD BEARINGS, & NEW PRE-LOAD BOLTS. THIS UNIT IS A CATERPILLAR REMAN UNIT. TORQUED ALL BOLTS TO SPEC'S. DID NOT REMOVE SPROCKET SEGMENTS. P.W.O.# RR58549-T1 THIS PRIOR WORK ORDER IS FOR CEDAR LAKE, THIS FINAL DRIVE WAS PUT ON BI10965 AND THEN REMOVED AT CUSTOMER REQUEST TO GO ON 7PZ289 AT BERRY PLANT, THE FINAL DRIVE THAT CAME FROM BERRY PLANT WAS REBUILT ON RR58802 AND INSTALLED ON BI10965 MACHINE THAT WAS IN FOR A CERTIFIED REBUILD. THE ORIGINAL BI 10965 FINAL DRIVE WAS PUT ON 7PZ1403 CEDAR LAKE TO GET THEM RUNNING.
06/17/2009	Parts	0		
08/05/2009	Parts	0		
08/06/2009	Parts	0		
08/11/2009	Parts	0		
08/13/2009	Service	0	WASH, FUEL&GO TORQUE CVTR,DVDR,RETARD	TORQUE CONVERTER RECONDITION (MAJOR). PARTS AND LABOR. INCLUDES ALL CONVERTER INTERNAL PARTS, OUTLET RELIEF VALVE GROUP AND REMOVE CONVERTER FROM HOUSING. EXCLUDES LABOR FOR REMOVING HOUSING FROM ENGINE. ADDITIONAL CHARGES FOR REPAIR OR REPLACEMENT OF SCAVENGE PUMP, LOCK-UP CLUTCH VALVE, SEQUENCE AND PRESSURE RELIEF VALVE. ADDITIONAL CHARGE FOR SALVAGE OR REPLACEMENT OR OUTER HOUSING.
08/19/2009	Service	17975	INSTALL PRODUCT LINK SYSTEM 321	CUSTOMER COMPLAINT: MACHINE NOT EQUIPTED WITH PRODUCT LINK CAUSE OF FAILURE: NONE RESULTANT DAMAGE: NONE REPAIR PROCESS COMMENTS: 7/30/09 - 8265 - DRIVE TO CUSTOMER SITE. REMVOE FLOOR MAT AND FLOOR PLATES. INSPECT MACHINE FOR NOUNTING POINTS FOR ECMS. MACHIEN DID NOT HAVE BLOCKS FOR ECM PLATE. CHECK WIRING HARNESS FOR CORRECT CONNECTIONS. TROUBLE LOCATING PROPER WIRING. RETURN TO SHOP TO ORDER ADDITIONAL PARTS AND SUPPLIES. HAVE MACHINIST MANUFACTURE BLOCKS FOR ECM MOUNTS. 8/3/09 - 8265 - DRIVE TO CUSTOMER SITE. INSTALL BLOCKS TO INSIDE OF FRAME RAIL. CLEAN UP AND PAINT MOUNTS. INSTALL ECM MOUNTING PLATES AND ECMS. INSTALL ANTENNA ONTO ROPS OF MACHINE. ROUTE WIRING FROM ANTENNA. INSTALL HARNESS FOR PRODUCT LICK ECMS AND RADIO. ROUTE HARNESS TO ALL NEEDED AREAS ON MACHINE. HOOK TO MACHINE USING ET AND REGISTER PRODUCT LINK SYSTEM. MACHINE REGISTERS WITHOUT A PROBLEM. REMOVE ET FROM MACHINE. REINSTALL FLOOR PLATES AND MATS. RECORD HOURS AND SERIAL NUMBER. RETURN TO SHOP
03/25/2010	Service	0	REPAIR TRACK ROLLER(S)	REMOVED CARRIER STAND AND TACKED BACK IN PLACE WELDED OUT.

				OIL LEAK AT BEVEL GEAR HOUSING ***** CUSTOMER COMPLAINT: TRANSMISSION LEAKING. CAUSE OF FAILURE: MISSING SEAL AND CUT SEAL. RESULTANT DAMAGE: POWER TRAIN OIL LEAKING TO THE OUTSIDE. REPAIR PROCESS COMMENTS: RECOVERED POWER TRAIN OIL IN CONTAINER, UNHOOKED AND REMOVED TRANSMISSION. SEPERATED TRANSMISSION CASE AND INSTALLED SEAL. PUT TRANSMISSION BACK TOGETHER, INSTALLED TRANSMISSION BACK IN TRACTOR WITH NEW MOUNTING SEALS AND TORQUED BOLTS. FILLED WITH POWER TRAIN OIL, RAN AND CHECKED FOR LEAKS, NO LEAKS WERE PRESENT.
03/26/2010	Service	2	REPAIR TRANSMISSION	
04/27/2010	Service	21	ASSEMBLE MACHINE	REPAIR PROCESS COMMENTS: TRAVELED TO MACHINE. INSTALLED CAB AND ROPS. CONNECTED HOSES AND WIRES. INSTALLED COUNTER WEIGHTS, CONNECTED PUSH ARMS TO BLADE, INSTALLED BLADE ONTO MACHINE AND CONNECTED LINES. OPERATED MACHINE, CHECKED FOR LEAKS. TOPPED OFF HYDRAULIC TANK.
04/28/2010	Service	13	TRANSPORT MACHINE	BLADE PUSH ARMS AND ROPS
04/28/2010	Service	13	CLEAN. MACHINE	CUSTOMER COMPLAINT: CLEAN MACHINE REPAIR PROCESS COMMENTS: USED HIGH PRESSURE STEAM CLEANER AND WATER CANNON TO CLEAN MACHINE. AFTER MACHINE WAS DISASSEMBLED, CLEANED FRAME AND VARIOUS INDIVIDUAL PARTS. AFTER MACHINE WAS ASSEMBLED AND RAN ON HILL, CLEANED COMPLETE MACHINE AND PREPARED FOR PAINT SHOP.
04/28/2010	Service	13	UNLOAD MACHINE MACHINE	BLADE, PUSH ARMS, GUARD, ROPS ***** CUSTOMER COMPLAINT: UNLOAD MACHINE. REPAIR PROCESS COMMENTS: UNLOADED TRACTOR FROM LOWBOY AT CUSTOMER SHOP. ALSO UNLOADED BLADE ASSEMBLY, CYLINDERS, COUNTERWEIGHTS, ROPS, PUSH ARMS AND TRUNNION BALLS.
04/28/2010	Service	13	REMOV RECONDITION & INSTL GUARDS	CUSTOMER COMPLAINT: REMOVE AND INSTALL GUARDS. REPAIR PROCESS COMMENTS: REMOVED ALL GUARDS AND ENCLOSURES FOR MACHINE REPAIRS. CLEANED, SANDED, STRAIGHTENED AND PAINTED. AFTER ALL NECESSARY REPAIRS WERE MADE, INSTALLED ENCLOSURES AND GUARDS.
04/28/2010	Service	13	DISASSEMBLE MACHINE	CUSTOMER COMPLAINT: DISASSEMBLE MACHINE. REPAIR PROCESS COMMENTS: DISASSEMBLED MACHINE DOWN TO FRAME.
04/28/2010	Service	13	REMOVE AND INSTALL ENGINE	REMOVE AND INSTALL (LABOR ONLY) - INCLUDES R & I HYDRAULIC LINES, CYLINDER SUPPORT TUBE, CRANKCASE GUARDS, AND EXTRANEIOUS ITEMS. EXCLUDES R & I CAB AND OTHER ATTACHMENTS. MACHINES EQUIPPED WITH AIR CONDITIONING MAY INCUR ADDITIONAL LABOR CHARGES FOR HANDLING OF REFRIGERANT LINES. R & I RADIATOR FOR REPAIR OF RADIATOR IS NOT INCLUDED. R & I OF RADIATOR IF REQUIRED FOR R & I OF ENGINE IS INCLUDED. CUSTOMER COMPLAINT: REMOVE AND INSTALL ENGINE. REPAIR PROCESS COMMENTS: REMOVED ENGINE AND CARRIED TO CRC FOR REPAIRS, AFTER NECESSARY REPAIRS WERE MADE, INSTALLED ENGINE BACK IN MACHINE.
04/28/2010	Service	13	RECONDITION/OVERHAUL PLATFORM/DECK	CUSTOMER COMPLAINT: RECONDITION PLATFORM/DECK REPAIR PROCESS COMMENTS: DISASSEMBLED PLATFORM DOWN TO BARE SHELL. CLEANED SANDED AND PAINTED ALL INDIVIDUAL PARTS THAT COULD BE SALVAGED. REPLACED ALL PARTS THAT COULD NOT BE SALVAGED. ASSEMBLED PLATFORM/DECK TO CERTIFIED SPECIFICATIONS.
04/28/2010	Service	13	REMOVE AND INSTALL RADIATOR	CUSTOMER COMPLAINT: REMOVE AND INSTALL RADIATOR REPAIR PROCESS COMMENTS: DRAINED COOLANT AND REMOVED RADIATOR. AFTER NECESSARY REPAIRS WERE MADE INSTALLED RADIATOR. ALSO REPLACED POWER TRAIN COOLER AND HAD TO REPLACE POWER TRAIN COOLER BONNETS THAT WERE LEAKING DUE TO EROSION.
04/28/2010	Service	13	RECONDITION/OVERHAUL RADIATOR	AND GUARD ***** CUSTOMER COMPLAINT: RECONDITION RADIATOR REPAIR PROCESS COMMENTS: DISASSEMBLED RADIATOR AND HARD NOSE. SENT RADIATOR TO RADIATOR SHOP FOR RECONDITIONING. AFTER REPAIRS WERE MADE, ASSEMBLED RADIATOR BACK IN HARD NOSE WITH ALL NEW HARDWARE. REPLACED ALL NECESSARY PARTS COVERED UNDER CERTIFIED SPECIFICATIONS.
04/28/2010	Service	13	REMOVE AND INSTALL TRANSMISSION	AND REPLACE LINES AND HOSES ***** CUSTOMER COMPLAINT: REMOVE AND INSTALL TRANSMISSION REPAIR PROCESS COMMENTS: DRAINED POWER TRAIN FLUID, REMOVED AXLES, UNHOOKED AND REMOVED TRANSMISSION. CARRIED TRANSMISSION TO CRC FOR REPAIRS. AFTER NECESSARY REPAIRS WERE MADE INSTALLED TRANSMISSION AND TORQUED MOUNTING BOLTS OUTPUT SHAFT AND REPLACED U-JOINTS FOR DRIVE LINE.
04/28/2010	Service	13	REMOVE AND INSTALL TRACK ASSEMBLY	CUSTOMER COMPLAINT: REMOVE AND INSTALL TRACK ASSEMBLIES. REPAIR PROCESS COMMENTS: REMOVED TRACK ASSEMBLIES AND CARRIED ON HILL FOR CUSTOMER. RETRIEVED NEW TRACK ASSEMBLIES AND INSTALLED ON MACHINE, TORQUED MASTER PAD BOLTS TO CATERPILLAR SPECIFICATIONS.
04/28/2010	Service	13	REMOVE AND INSTALL TRACK ROLLER FRAME	CUSTOMER COMPLAINT: REMOVE AND INSTALL TRACK ROLLER FRAMES. REPAIR PROCESS COMMENTS: REMOVED TRACK ROLLER FRAMES AND CARRIED TO WELD SHOP FOR REPAIRS. AFTER NECESSARY REPAIRS WERE MADE, INSTALLED ROLLER FRAMES BACK ON MACHINE.

04/28/2010	Service	13	REMOVE AND INSTALL FINAL DRIVE(S)	CUSTOMER COMPLAINT: REMOVE AND INSTALL 2 FINAL DRIVE ASSEMBLIES. REPAIR PROCESS COMMENTS: REMOVED FINAL DRIVES AND STEERING CLUTCHES AND CARRIED TO CRC FOR REPAIRS. AFTER NECESSARY REPAIRS WERE MADE INSTALLED FINAL DRIVES AND STEERING CLUTCHES WITH NEW SEALS AND TORQUED BOLTS.
04/28/2010	Service	13	REMOVE AND INSTALL TORQUE CVTR,DVDR,RETARD	CUSTOMER COMPLAINT: REMOVE AND INSTALL TORQUE CONVERTER. REPAIR PROCESS COMMENTS: REMOVED TORQUE CONVERTER AND CARRIED TO CRC FOR REPAIRS INSTALLED TORQUE CONVERTER.
04/28/2010	Service	13	REMOVE AND INSTALL VEH# KGA337 S/N 26921	CUSTOMER COMPLAINT: REMOVE AND INSTALL PIVOT SHAFT REPAIR PROCESS COMMENTS: REMOVED PIVOT SHAFT AND CARRIED TO MACHINE SHOP FOR INSPECTION AND REPAIR. AFTER REPAIRS WERE MADE, INSTALLED PIVOT SHAFT BACK IN TRACTOR.
04/28/2010	Service	13	REMOVE AND INSTALL EQUALIZER BAR	CUSTOMER COMPLAINT: REMOVE AND INSTALL EQUALIZER BAR. REPAIR PROCESS COMMENTS: REMOVED EQUALIZER BAR AND CARRIED TO MACHINE SHOP FOR INSPECTION AND REPAIR. AFTER NECESSARY REPAIRS WERE MADE, INSTALLED EQUALIZER BAR BACK ON MACHINE.
04/28/2010	Service	13	RECONDITION/OVERHAUL ELECTRICAL SYSTEM	CUSTOMER COMPLAINT: RECONDITION ELECTRICAL SYSTEM REPAIR PROCESS COMMENTS: REPLACED ALL WIRING, CABLES AND BATTERIES. REPLACED ALL ELECTRICAL COMPONENTS, SOLENOIDS, SENSORS, ECMS AND LIGHTING THAT ARE REQUIRED IN CERTIFIED GUIDELINES.
04/28/2010	Service	13	RECONDITION/OVERHAUL HYDRAULIC SYSTEM	CUSTOMER COMPLAINT: RECONDITION HYDRAULIC SYSTEM REPAIR PROCESS COMMENTS: REPLACED ALL REQUIRED HYDRAULIC PARTS THAT WERE NOT SENT TO CRC AS PART OF A COMPONENT AND RECONDITIONED HYDRAULIC TANK.
04/28/2010	Service	13	ASSEMBLE MACHINE	CUSTOMER COMPLAINT: ASSEMBLE MACHINE. REPAIR PROCESS COMMENTS: USED THIS SEGMENT FOR ASSEMBLY PROCEDURES THAT DID NOT FALL UNDER THE INSTALLATION OF MAJOR COMPONENTS. SINCE MACHINE WAS DISASSEMBLED DOWN TO BARE FRAME, THERE IS ASSEMBLY REQUIRED OTHER THAN INSTALLING MAJOR COMPONENTS.
04/28/2010	Service	13	REMOVE AND INSTALL POWERTRAIN COMPONENTS	CUSTOMER COMPLAINT: REMOVE AND INSTALL POWER TRAIN COMPONENTS. REPAIR PROCESS COMMENTS: CLEANED OUT ALL INTERNAL PASSAGES IN FRAME AND REPLACED ALL REQUIRED POWER TRAIN COMPONENTS THAT WERE NOT SENT TO CRC.
04/28/2010	Service	13	REPLACE LIFT CYLINDER TRUNNION	CUSTOMER COMPLAINT: REPLACE LIFT CYLINDER TRUNNION REPAIR PROCESS COMMENTS: REMOVED LIFT CYLINDER TRUNNION BEARINGS, CLEANED CAPS AND INSTALLED NEW BEARINGS.
04/28/2010	Service	13	RECONDITION/OVERHAUL MAIN FRAME	CUSTOMER COMPLAINT: RECONDITION MAIN FRAME REPAIR PROCESS COMMENTS: CLEANED AND PAINTED MAIN FRAME BEFORE ASSEMBLY AND REPLACED ALL BEARINGS IN FRAME.
04/28/2010	Service	13	REPAIR EQUALIZER BAR	CUSTOMER COMPLAINT: REPAIR EQUALIZER BAR. REPAIR PROCESS COMMENTS: USED THIS SEGMENT TO ORDER AND INSTALL EQUALIZER BAR WET PINS, OIL TANK, GUARDS, HOSES, FITTINGS AND BAR PAD ASSEMBLY.
04/28/2010	Service	13	RECONDITION/OVERHAUL NON-ROPS CAB	CUSTOMER COMPLAINT: RECONDITION CAB (NON-ROPS TYPE) REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED AND PAINTED CAB. INSTALLED ALL NEW REQUIRED PARTS THAT COULD NOT BE SALVAGED AND RECONDITIONED AIR CONDITIONING AND HEATER SYSTEM.
04/28/2010	Service	13	REPAIR FENDER	CUSTOMER COMPLAINT: REPAIR FENDER REPAIR PROCESS COMMENTS: CLEANED OUT BATTERY BOXES AND CHISELED OUT RUST AND COAL. CUT HOLES IN BOTTOM OF BOXES AND COVERED WITH PLATES SO OPERATOR CAN CLEAN COAL OUT OF BOXES. PAINTED FENDERS BEFORE INSTALLATION.
04/28/2010	Service	13	REPAIR FUEL TANK	CUSTOMER COMPLAINT: REPAIR FUEL TANK. REPAIR PROCESS COMMENTS: REMOVED ALL FITTINGS, VENTS, CAPS AND PLUGS. CLEANED, SANDED AND PAINTED BEFORE INSTALLATION. INSTALLED ALL REQUIRED REPLACEMENT PARTS OUTLINED IN CERTIFIED REBUILD.
04/28/2010	Service	13	TOE ADJUSTMENT MACHINE	CUSTOMER COMPLAINT: TEST AND ADJUST MACHINE. REPAIR PROCESS COMMENTS: AFTER MACHINE WAS COMPLETELY ASSEMBLED AND ALL FLUIDS WERE INSTALLED AND CHECKED TO PROPER LEVELS. INSTALLED BLADE ASSEMBLY. CALIBRATED AND ADJUSTED MACHINE TO CATERPILLAR SPECIFICATIONS. RAN MACHINE ON HILL, MACHINE RAN PROPERLY AND NO LEAKS WERE PRESENT. REMOVED BLADE ASSEMBLY FOR SHIPMENT BACK TO CUSTOMER.
04/28/2010	Service	13	REPLACE/RESEAL WITH PLATE TRUCK 1066 NAYLOR	CHECKED LIFT CYLINDER YOKES AND REBUILT AS NEEDED.
04/28/2010	Service	13	ASSEMBLE TRACK SHOES	ASSEMBLE (SET)-LABOR ONLY. INCLUDES INSTALL NEW TRACK SHOES ON TWO NEW LINK ASSEMBLIES.
04/28/2010	Service	13	TROUBLESHOOT AND REPAIR VEH# KGA337 S/N 26921	CHECKED PIVOT SHAFT AND POLISHED.
04/28/2010	Service	13	RECONDITION/OVERHAUL TRACK ROLLER FRAME	
04/28/2010	Service	13	LOAD TRACK ASSEMBLY	FOR ANOTHER MACHINE +++++ CUSTOMER COMPLAINT: LOAD TRACK ASSEMBLIES REPAIR PROCESS COMMENTS: LOADED 2 USED TRACK ASSEMBLIES ON TRAILER FOR CUSTOMER.
04/28/2010	Service	13	WASH, FUEL&GO IDLER/IDLER WHEEL	
04/28/2010	Service	13	WASH, FUEL&GO TRACK ROLLER(S)	
04/28/2010	Service	13	SWAP MACHINE	

04/28/2010	Service	13	WASH, FUEL&GO EQUALIZER BAR	093 RECONDITION (MAJOR). PARTS, LABOR AND MACHINING INCLUDED. INCLUDES REPLACING ALL BEARINGS, SEALS, BUSHINGS, SPACERS AND GREASE FITTINGS. INCLUDES CLEANING AND INSPECTION BY DYE- PENETRANT AND ULTRA-SONIC FLAW DETECTION. ALL BORES ARE BUILT-UP AND MACHINED TO ORIGINAL SPECIFICATIONS. NOTE: BARS WHICH HAVE A BORE ELONGATED BY METAL-TO-METAL CONTACT MUST BE PRE-MACHINED BEFORE INSPECTION TO DETERMINE CORE ACCEPTANCE. BARS WHICH HAVE A CRACK IN THE CENTER BORE ARE NOT ACCEPTABLE CORES. BROKEN OR CRACKED END BORES CAN BE REPAIRED AT ADDITIONAL COST.
04/28/2010	Service	13	UNLOAD & INSPECT RADIATOR GUARD	CHECKED BORES ON GUARD AND REPAIRED BAD BORES INSTALLED BEARINGS.
04/28/2010	Service	13	AUTOMATIC WELD IDLER/IDLER WHEEL	RECONDITION (MAJOR) - PARTS AND LABOR. INCLUDES DISASSEMBLE, AND ASSEMBLE. INCLUDES RECONDITION OR REPLACEMENT OF ALL INTERNAL PARTS. INCLUDES WEAR BUILD-UP OF GUIDE COLLARS THAT ARE PART OF HYDROSTATIC DRIVE MACHINE IDLERS. EXCLUDES REPLACEMENT OF IDLER HULL ASSEMBLY. EXCLUDES REPAIR OR REPLACEMENT OF LINK ASSEMBLY ON IDLERS IF EQUIPPED (SEE FOOTNOTES FOR HYDROSTATIC DRIVE MACHINES). INCLUDES REPLACEMENT OF STUB SHAFTS IF EQUIPPED. MISSING PARTS AND PARTS DAMAGED BY NON-WEAR CAUSES WILL BE REPLACED AT ADDITIONAL COST. * ALL IDLERS WILL BE EVALUATED USING CATERPILLAR RECOMMENDED REBUILD WEAR LIMIT SPECIFICATIONS. IDLER HULLS WORN BEYOND 100% MAY NOT QUALIFY AS REBUILDABLE CORES AND MAY BE SUBJECT TO REPLACEMENT AT ADDITIONAL COST. IDLER SHELL - WEAR LIMITS TO ALLOW FOR REUSE THE IDLER SHELL MUST NOT EXCEED CERTAIN WEAR LIMITS. THE DIMENSIONS FOR THE BORE CAN BE FOUND IN THE "RECONDITIONING DIMENSIONS FOR IDLERS" RECONDITIONING BULLETIN FORM NO. SEBF8571. THE WEAR LIMITS FOR THE OUTSIDE REMOVED BEARINGS AND CHECKED BORES INSTALLED NEW BEARINGS.
04/28/2010	Service	13	YARD DUTIES FRAME	
04/28/2010	Service	13	DISASSEMBLE MACHINE	
04/28/2010	Service	13	SPECIAL DEALS IDLER/IDLER WHEEL	ROLL BURNISHED TWO IDLERS.
04/28/2010	Service	13	REPAIR MOTOR GRADER BLADE	REMOVED CUTTING EDGES. INSTALLED 1/2" AR450 LINER. BUILT UP WORN BORES AND MACHINED. REPAIRED BORES ON N PUSH ARMS. REPAIRED TAG LINK. REPAIRED CRACKS IN EDGE. REPLACED BEARINGS IN PUSH BLOCKS. BUILT UP WORN AREAS ON BLADE AND GROUND. INSTALLED NEW CAT EDGES WITH NEW HARDWEAR.
04/28/2010	Service	13	MACHINE/GRIND/MILL BLADE BRACKET	REPAIRED PUSH BLOCKS AND INSTALLED BEARINGS.
04/28/2010	Service	13	INSTALL SOUND SUPPRESSION (OTHER)	CUSTOMER COMPLAINT: INSTALL SOUND SUPPRESSION. REPAIR PROCESS COMMENTS: INSTALLED CUSTOM SOUND SUPPRESSION IN CAB PER CUSTOMERS REQUEST.
04/28/2010	Service	13	REPLACE CAB PRESSURIZER	CUSTOMER COMPLAINT: REPLACE CAB AIR PRESSURIZER. REPAIR PROCESS COMMENTS: REMOVED EXISTING PRESSURIZER ASSEMBLY AND INSTALLED 232-1314 PRESSURIZER GROUP ASSEMBLY PER CUSTOMERS REQUEST.
04/28/2010	Service	13	FUEL PUSH ARMS	ORDERED FOUR STEPS AND TRUNED OUTSIDE TO OUTSIDE WELDED TO STEP AND TRIMED OFF GROUND EDGES.
04/28/2010	Service	13	REBUILD PISTON PUMP	1- 1725638 HYDRAULIC FAN PUMP / PISTON TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +++++ CUSTOMER COMPLAINT: CERTIFIED REBUILD REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED, INSPECTED. FRONT PUMP: FOUND PORT PLATE TO HAVE PITTING FROM AERATION, REPLACED PORT PLATE, RESURFACED PISTONS, BARREL AND SWASHPLATE. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. TESTED TO CAT SPECS. REAR PUMP: FOUND NO MAJOR FAILURES, RESURFACED PORT AND SWASH PLATES, BARREL AND PISTONS. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. TESTED TO CAT SPECS. REPLACED ALL ATTACHED HOSES WITH NEW HOSES, RESEALED VALVE MANIFOLD. REASSEMBLED PUMP ASSEMBLY. NPWO PR 1) 1183122 SEAL; 1) 1282779 SEAL
04/28/2010	Service	13	REBUILD HYDRAULIC CONTROL VALVE	1- 1726977 MAIN HYDRAULIC CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +++++ CUSTOMER COMPLAINT: REBUILD MAIN CONTROL VALVE, CERTIFIED REBUILD REPAIR PROCESS COMMENTS: REBUILD MAIN CONTROL VALVE ACCORDING TO CERTIFIED REBUILD SPECS.
04/28/2010	Service	13	REBUILD PILOT VALVE	1- 1456054 HYD IMPLEMENT PILOT CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +++++ CUSTOMER COMPLAINT: REPAIR FOR CERTIFIED REBUILD. CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON SEALS AND SOLENOIDS. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS AND SOLENOIDS. BUILT TO SPECS. NPWO/NPR.
04/28/2010	Service	13	REBUILD TRANSMISSION OIL PUMP	1- 1425000 HYD POWERTRAIN OIL PUMP / GEAR TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +++++ CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO MAJOR FAILURES REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED, INSPECTED. FOUND NORMAL WEAR ON ALL GEARS AND HOUSINGS. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. NPWO NPR

04/28/2010	Service	13	REBUILD STEERING CLTCH&BRK CTR VL	1- 1333255 STEERING CLUTCH & BRAKE CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND. RESULTANT DAMAGE: NORMAL WEAR ON SEALS, SOLENOIDS, AND SPRINGS. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS, SOLENOIDS, AND SPRINGS. BUILT TO SPECS AND TESTED. NPWO/NPR.
04/28/2010	Service	13	REBUILD HYDRAULIC PUMP, GEAR-TYPE	1- 2279383 HYD IMPLEMENT FAN PUMP / GEAR TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: REBUILD HYD. GEAR PUMP, CERTIFIED REBUILD RESULTANT DAMAGE: FOUND PLATE FOR MAIN PUMP WORN BEYOND LIMITS, GEAR SETS AND PRESSURE PLATES WORN BEYOND LIMITS REPAIR PROCESS COMMENTS: REBUILD USING NEW PARTS FOR WORN BEYOND LIMIT ITEMS. INSTALL ON TEST BENCH AND TEST TO CAT. SPECS.
04/28/2010	Service	13	REBUILD SWING MOTOR	1- 1597161 HYDRAULIC FAN MOTOR / PISTON TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON BEARINGS AND SEALS. OVER HALF WEAR ON PISTON RINGS. LIGHT SCRATCHES ON BARREL FACE AND PORT PLATE. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW BEARINGS AND SEALS. INSTALLED NEW PISTONS. HAND LAPPED BARREL FACE AND PORT PLATE. BUILT TO SPECS AND TESTED. NPWO/NPR.
04/28/2010	Service	13	REBUILD HYDRAULIC CONTROL VALVE	1- 2252321 HYDRAULIC DUAL TILT CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON BEARINGS SEALS AND SOLENOIDS REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS AND SOLENOIDS. POLISHED SPOOL. BUILT TO SPECS. NPWO/NPR
04/28/2010	Service	13	RESEAL+LIGHT HONE NON-CAT HYD CYLINDER	1- 2520472 HYDRAULIC CYLINDER / LIFT (LH) 1- 2520471 HYDRAULIC CYLINDER / LIFT (RH) CAT CERTIFIED REBUILD GUIDELINES ***** CUSTOMER COMPLAINT: REBUILD CYLINDERS PER CAT CERTIFIED GUIDELINES. CAUSE OF FAILURE: BOTH RODS HAVE SCUFF MARKS IN CHROME FROM OUTSIDE SOURCES. RESULTANT DAMAGE: SEALS ARE WORN AND DISCOLORED. BARREL BORES ARE GLAZED AND SCRATCHED. RODS AND TRUNNIONS BEARINGS ARE WORN. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED PARTS. POLISHED RODS IN LATHE. HONED BARREL BORE. INSTALLED ALL NEW BEARINGS, KITS AND OVAL SEALS. BUILT TO SPECS AND TESTED. NPWO/NPR REMOVED QUICK DROP VALVES AND TUBES, CLEANED, TESTED VALVES OK, RESEALED AND INSTALLED BACK ON CYLINDER.
04/28/2010	Service	13	HONE/KNURL NON-CAT HYD CYLINDER	1- 2520472 HYDRAULIC CYLINDER / LIFT (LH) 1- 2520471 HYDRAULIC CYLINDER / LIFT (RH) ***** REPAIR PROCESS COMMENTS: HONED BARREL BORES.
04/28/2010	Service	13	ULTRASONIC TEST LIFT/HOIST CYLINDER	SALVAGE/REPLACEMENT OF CYLINDER PARTS NEEDED TO REPAIR CUSTOMERS TWO LIFT CYLINDERS WHICH IS ADDITIONAL TO THE PRICE OF RESEAL AND HONE SEGMENTS. ***** REPAIR PROCESS COMMENTS: POLISHED RODS IN LATHE. HONED BARREL BORE. INSTALLED ALL NEW BEARINGS. REMOVED QUICK DROP VALVES AND TUBES, CLEANED, TESTED VALVES OK, RESEALED AND INSTALLED BACK ON CYLINDER.
04/28/2010	Service	13	RESEAL+LIGHT HONE NON-CAT HYD CYLINDER	1- 9T3716 HYDRAULIC CYLINDER / BLADE TILT (LH) 1- 9T3715 HYDRAULIC CYLINDER / BLADE TILT (RH) CAT CERTIFIED REBUILD GUIDELINES ***** CAUSE OF FAILURE: U CUP SEALS DETERIORATED RESULTANT DAMAGE: LIGHT SCRATCHES ON BOTH RODS, BARREL BORES SCRATCHED. BEARINGS RUST PITTED, METAL LINES RUSTED, PISTON PLUNGERS AND INSERTS WORN. OUTER SURFACES OF BARRELS ARE RUSTED. REPAIR PROCESS COMMENTS: DISASSEMBLED BOTH CYLINDERS, CLEANED AND INSPECTED ALL PARTS, ORDERED AND INSTALLED NEW SEAL KITS FOR BOTH CYLINDERS. BUILT CYLINDERS TO SPECS TESTED OK NPWO / NPR
04/28/2010	Service	13	HONE/KNURL NON-CAT HYD CYLINDER	1- 9T3716 HYDRAULIC CYLINDER / BLADE TILT (LH) 1- 9T3715 HYDRAULIC CYLINDER / BLADE TILT (RH) ***** REPAIR PROCESS COMMENTS: HONED BOTH BARREL BORES
04/28/2010	Service	13	ULTRASONIC TEST TILT CYLINDER	SALVAGE/REPLACEMENT OF CYLINDER PARTS NEEDED TO REPAIR CUSTOMERS TWO BLADE TILT CYLINDERS WHICH IS ADDITIONAL TO THE PRICE OF RESEAL AND HONE SEGMENTS. ***** REPAIR PROCESS COMMENTS: REMOVED GUARDS AND LINES, ORDERED AND INSTALLED NEW BEARINGS FOR BOTH CYLINDERS AND RODS, POLISHED RODS IN LATHE. CLEANED RUST OFF TUBES AND BARRELS. ORDERED AND INSTALLED NEW PLUNGERS. PISTON INSERTS, AND SEALS. REINSTALLED GUARDS AND LINES.
04/28/2010	Service	13	HONE/KNURL TRACK ADJUSTER	1- 1792511 HYDRAULIC TRACK ADJUSTER (BARREL) ***** CUSTOMER COMPLAINT: N/A. CAUSE OF FAILURE: BARREL BORE SCRATCHED. RESULTANT DAMAGE: SAME. REPAIR PROCESS COMMENTS: HONED BARREL BORE 6.380"X20". NPWO/NPR.

04/28/2010	Service	13	MACHINE/GRIND/MILL CYLINDER BLOCK	REPAIR PROCESS COMMENTS: SET UP BLOCK ON MILL. CUT AND INSTALLED 64 WATER FERRULES AND RE-FINISHED COMBUSTION SURFACE OF BLOCK.
04/28/2010	Service	13	TECHNICAL ANALYSIS 1(TA1) ENGINE	
04/28/2010	Service	13	REMOVE AND INSTALL ATTACHMENT(S)	REPAIR PROCESS COMMENTS: ALTERNATOR - REPLACED WITH A REMAN ALTERNATOR (#0R-9937). REPLACED THE PULLEY (#138-2515) DUE TO EXCESSIVE WEAR. (ID# 4294) INSTALL PARTS NOT COVERED UNDER F/R PRICING, EG. BELTS. HOSES, SEVERAL A/C PARTS, ETC. RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. REUSE/SALVAGE/REPLACE FRICTION DISCS, CLUTCH PLATES, CLUTCH PISTON, PLANET GEARS, PLANET SHAFTS AS REQUIRED. PUMP INSPECTION INCLUDES BEARINGS AND SEALS ONLY WHEN PUMP IS MOUNTED ON TRANSMISSION. EXCLUDES REPLACING CASE ASSEMBLY OR PLANETARY CARRIER ASSEMBLIES. EXCLUDES MACHINING, WELDING OR ABNORMAL SALVAGE WORK. CUSTOMER COMPLAINT: CERTIFIED REBUILD. CAUSE OF FAILURE: WEAR TO ALL BEARINGS AND SEALS. RESULTANT DAMAGE: ALL BEARINGS AND SEALS, ALL CLUTCH DISCS, ALL SOLENOID VALVES. REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED AND INSPECTED, REPLACED ALL BEARINGS AND SEALS, ALL CLUTCH DISC, REASSEMBLED TO CAT LATEST SPEC'S. BENCH TESTED AND RETURNED TO CUSTOMER SHOP.
04/28/2010	Service	13	WASH, FUEL&GO USE CODE 3030	REPAIR PROCESS COMMENTS: ALTERNATOR - REPLACED WITH A REMAN ALTERNATOR (#0R-9937). REPLACED THE PULLEY (#138-2515) DUE TO EXCESSIVE WEAR. (ID# 4294) INSTALL PARTS NOT COVERED UNDER F/R PRICING, EG. BELTS. HOSES, SEVERAL A/C PARTS, ETC. RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. REUSE/SALVAGE/REPLACE FRICTION DISCS, CLUTCH PLATES, CLUTCH PISTON, PLANET GEARS, PLANET SHAFTS AS REQUIRED. PUMP INSPECTION INCLUDES BEARINGS AND SEALS ONLY WHEN PUMP IS MOUNTED ON TRANSMISSION. EXCLUDES REPLACING CASE ASSEMBLY OR PLANETARY CARRIER ASSEMBLIES. EXCLUDES MACHINING, WELDING OR ABNORMAL SALVAGE WORK. CUSTOMER COMPLAINT: CERTIFIED REBUILD. CAUSE OF FAILURE: WEAR TO ALL BEARINGS AND SEALS. RESULTANT DAMAGE: ALL BEARINGS AND SEALS, ALL CLUTCH DISCS, ALL SOLENOID VALVES. REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED AND INSPECTED, REPLACED ALL BEARINGS AND SEALS, ALL CLUTCH DISC, REASSEMBLED TO CAT LATEST SPEC'S. BENCH TESTED AND RETURNED TO CUSTOMER SHOP.
04/28/2010	Service	13	WASH, FUEL&GO BEVEL GEAR/SHAFT ASSY	BEVEL GEAR RECONDITION (MAJOR). PARTS AND LABOR. EXCLUDES REPLACING CASE ASSEMBLY. EXCLUDES ANY MACHINING, WELDING OR ABNORMAL SALVAGE WORK. CUSTOMER COMPLAINT: RECONDITION BEFORE FAILURE. CAUSE OF FAILURE: NO FAILURE FOUND. DID UPDATES. RESULTANT DAMAGE: NO DAMAGE. REPAIR PROCESS COMMENTS: TORE DOWN, CLEANED, AND INSPECTED. DID ALL THE NEW UPDATES ON THE BEVEL GEAR AND HOUSING. INSTALLED ALL NEW BEARINGS, SEALS, AND PUT BACK TOGETHER TO CATS LATEST SPECS AND BENCH TESTED.
04/28/2010	Service	13	WASH, FUEL&GO FINAL DRIVE(S)	FINAL DRIVE LEVEL ONE RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. COMPONENT IN-SHOP, OFF MACHINE. LEVEL I CORE CONDITION CRITERIA: <> ACCEPTABLE PART NUMBER - CATERPILLAR PART. <> SPROCKET (OR WHEEL), HUB, CARRIER, OR PINDLE NOT VISIBLY CRACKED OR BROKEN. <> GEARS NOT VISIBLY BROKEN (WITH COVER PLATE REMOVED). <> FULLY ASSEMBLED AND COMPLETE. EXCLUDES <> ANY PIN BORE MACHINE WORK CUSTOMER COMPLAINT: THIS FINAL DRIVE IS TO BE REBUILT FOR A CERTIFIED REBUILD MACHINE. CAUSE OF FAILURE: NORMAL WEAR. SEAL LEAKING. RESULTANT DAMAGE: NO DAMAGE FOUND. REPAIR PROCESS COMMENTS: REPLACED ALL PARTS AS NEEDED OR REQUIRED BY THE CERTIFIED REBUILD PROGRAM TO REBUILD TO THE LATEST CATERPILLAR CERTIFIED REBUILD SPEC'S. MOUNTED SPROCKET SEGMENTS ON FINAL DRIVE TORQUED ALL BOLTS TO THE LATEST SPEC'S USING THE HYD. WRENCH EXCEPT ON 1 LARGE SEGMENT WHICH THE CUSTOMER SHOP ASKED TO BE LEFT LOOSE. P.W.O.# MB28774
04/28/2010	Service	13	WASH, FUEL&GO FINAL DRIVE(S)	FINAL DRIVE LEVEL ONE RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. COMPONENT IN-SHOP, OFF MACHINE. LEVEL I CORE CONDITION CRITERIA: <> ACCEPTABLE PART NUMBER - CATERPILLAR PART. <> SPROCKET (OR WHEEL), HUB, CARRIER, OR PINDLE NOT VISIBLY CRACKED OR BROKEN. <> GEARS NOT VISIBLY BROKEN (WITH COVER PLATE REMOVED). <> FULLY ASSEMBLED AND COMPLETE. EXCLUDES <> ANY PIN BORE MACHINE WORK CUSTOMER COMPLAINT: THIS FINAL DRIVE IS TO BE REBUILT FOR A CERTIFIED REBUILD MACHINE. CAUSE OF FAILURE: NORMAL WEAR. SEAL LEAKING. RESULTANT DAMAGE: NO DAMAGE FOUND. REPAIR PROCESS COMMENTS: REPLACED ALL PARTS AS NEEDED OR REQUIRED BY THE CERTIFIED REBUILD PROGRAM TO REBUILD TO THE LATEST CATERPILLAR CERTIFIED REBUILD SPEC'S. MOUNTED SPROCKET SEGMENTS ON FINAL DRIVE TORQUED ALL BOLTS TO THE LATEST SPEC'S USING THE HYD. WRENCH EXCEPT ON 1 LARGE SEGMENT WHICH THE CUSTOMER SHOP ASKED TO BE LEFT LOOSE. P.W.O.# RR59487
04/28/2010	Service	13	WASH, FUEL&GO STEERING CLUTCH AND BRAKE	STEERING CLUTCH RECONDITION-MAJOR (EACH) - PARTS AND LABOR. INCLUDES UPDATING UNIT TO LATEST PARTS. ALL PARTS ARE CHECKED FOR REUSE PER CATERPILLAR GUIDELINES. PRESSURE TEST ON BENCH. CAUSE OF FAILURE: 121-0683 WASHER-SPRING RESULTANT DAMAGE: LOSE OF USE OF BRAKE. GENERAL WEAR TO ALL BEARINGS AND SEALS REPAIR PROCESS COMMENTS: TORE DOWN, INSPECTED, FOUND WASHER SPRING 121-0683 CRACKED. FOUND GENERAL WEAR TO BEARINGS AND SEALS. REBUILT USING ALL NEW PARTS COVERED UNDER FLAT RATE INCLUDING NEW SPRING. BENCH TESTED AND MOUNTED BACK TO FINAL DRIVE. DID ALL TO LATEST CAT SPEC.
04/28/2010	Service	13	WASH, FUEL&GO STEERING CLUTCH AND BRAKE	STEERING CLUTCH RECONDITION-MAJOR (EACH) - PARTS AND LABOR. INCLUDES UPDATING UNIT TO LATEST PARTS. ALL PARTS ARE CHECKED FOR REUSE PER CATERPILLAR GUIDELINES. PRESSURE TEST ON BENCH. CAUSE OF FAILURE: BEARING FAILURE 173-0593. RESULTANT DAMAGE: METAL CONTAMINATION THROUGHOUT SYSTEM. WEAR TO ALL BEARINGS AND SEALS. REPAIR PROCESS COMMENTS: TORE DOWN, INSPECTED, FOUND BEARING FAILURE. CLEANED ALL PARTS. REBUILT USING ALL NEW PARTS COVERED UNDER FLAT RATE INCLUDING NEW SPRING. BENCH TESTED AND MOUNTED BACK TO FINAL DRIVE. DID ALL TO LATEST CAT SPEC.

04/28/2010	Service	13	WASH, FUEL&GO TORQUE CVTR,DVDR,RETARD	TORQUE CONVERTER RECONDITION (MAJOR). PARTS AND LABOR. INCLUDES ALL CONVERTER INTERNAL PARTS, OUTLET RELIEF VALVE GROUP AND REMOVE CONVERTER FROM HOUSING. EXCLUDES LABOR FOR REMOVING HOUSING FROM ENGINE. ADDITIONAL CHARGES FOR REPAIR OR REPLACEMENT OF SCAVENGE PUMP, LOCK-UP CLUTCH VALVE, SEQUENCE AND PRESSURE RELIEF VALVE. ADDITIONAL CHARGE FOR SALVAGE OR REPLACEMENT OF OUTER HOUSING. CAUSE OF FAILURE: PART NO. 8P-3572. RESULTANT DAMAGE: THE WEAR SLEEVE PUT OUT METAL CONTAMINATION CAUSING THE SEALS AND BEARINGS TO BE REPLACED REPAIR PROCESS COMMENTS: TORE DOWN, CLEANED AND INSPECTED ALL PARTS. FOUND 8P-3572 WAS WORN. REPLACED ALL BAD PARTS, BEARINGS AND SEALS. PUT BACK TOGETHER TO CATS LATEST SPECS AND TESTED.
04/30/2010	Service	13	TRANSPORT MACHINE	BLADE PUSH ARMS AND ROPS
04/30/2010	Service	13	CLEAN. MACHINE	CUSTOMER COMPLAINT: CLEAN MACHINE REPAIR PROCESS COMMENTS: USED HIGH PRESSURE STEAM CLEANER AND WATER CANNON TO CLEAN MACHINE. AFTER MACHINE WAS DISASSEMBLED, CLEANED FRAME AND VARIOUS INDIVIDUAL PARTS. AFTER MACHINE WAS ASSEMBLED AND RAN ON HILL, CLEANED COMPLETE MACHINE AND PREPARED FOR PAINT SHOP.
04/30/2010	Service	13	UNLOAD MACHINE MACHINE	BLADE, PUSH ARMS, GUARD, ROPS +++++ CUSTOMER COMPLAINT: UNLOAD MACHINE. REPAIR PROCESS COMMENTS: UNLOADED TRACTOR FROM LOWBOY AT CUSTOMER SHOP. ALSO UNLOADED BLADE ASSEMBLY, CYLINDERS, COUNTERWEIGHTS, ROPS, PUSH ARMS AND TRUNNION BALLS.
04/30/2010	Service	13	REMOV RECONDITION & INSTL GUARDS	CUSTOMER COMPLAINT: REMOVE AND INSTALL GUARDS. REPAIR PROCESS COMMENTS: REMOVED ALL GUARDS AND ENCLOSURES FOR MACHINE REPAIRS. CLEANED, SANDED, STRAIGHTENED AND PAINTED .AFTER ALL NECESSARY REPAIRS WERE MADE, INSTALLED ENCLOSURES AND GUARDS.
04/30/2010	Service	13	DISASSEMBLE MACHINE	CUSTOMER COMPLAINT: DISASSEMBLE MACHINE. REPAIR PROCESS COMMENTS: DISASSEMBLED MACHINE DOWN TO FRAME.
04/30/2010	Service	13	REMOVE AND INSTALL ENGINE	REMOVE AND INSTALL (LABOR ONLY) - INCLUDES R & I HYDRAULIC LINES, CYLINDER SUPPORT TUBE, CRANKCASE GUARDS, AND EXTRANEIOUS ITEMS. EXCLUDES R & I CAB AND OTHER ATTACHMENTS. MACHINES EQUIPPED WITH AIR CONDITIONING MAY INCUR ADDITIONAL LABOR CHARGES FOR HANDLING OF REFRIGERANT LINES. R & I RADIATOR FOR REPAIR OF RADIATOR IS NOT INCLUDED. R & I OF RADIATOR IF REQUIRED FOR R & I OF ENGINE IS INCLUDED. CUSTOMER COMPLAINT: REMOVE AND INSTALL ENGINE. REPAIR PROCESS COMMENTS: REMOVED ENGINE AND CARRIED TO CRC FOR REPAIRS, AFTER NECESSARY REPAIRS WERE MADE, INSTALLED ENGINE BACK IN MACHINE.
04/30/2010	Service	13	RECONDITION/OVERHAUL PLATFORM/DECK	CUSTOMER COMPLAINT: RECONDITION PLATFORM/DECK REPAIR PROCESS COMMENTS: DISASSEMBLED PLATFORM DOWN TO BARE SHELL. CLEANED SANDED AND PAINTED ALL INDIVIDUAL PARTS THAT COULD BE SALVAGED. REPLACED ALL PARTS THAT COULD NOT BE SALVAGED. ASSEMBLED PLATFORM/DECK TO CERTIFIED SPECIFICATIONS.
04/30/2010	Service	13	REMOVE AND INSTALL RADIATOR	CUSTOMER COMPLAINT: REMOVE AND INSTALL RADIATOR REPAIR PROCESS COMMENTS: DRAINED COOLANT AND REMOVED RADIATOR. AFTER NECESSARY REPAIRS WERE MADE INSTALLED RADIATOR. ALSO REPLACED POWER TRAIN COOLER AND HAD TO REPLACE POWER TRAIN COOLER BONNETS THAT WERE LEAKING DUE TO EROSION.
04/30/2010	Service	13	RECONDITION/OVERHAUL RADIATOR	AND GUARD +++++ CUSTOMER COMPLAINT: RECONDITION RADIATOR REPAIR PROCESS COMMENTS: DISASSEMBLED RADIATOR AND HARD NOSE. SENT RADIATOR TO RADIATOR SHOP FOR RECONDITIONING .AFTER REPAIRS WERE MADE, ASSEMBLED RADIATOR BACK IN HARD NOSE WITH ALL NEW HARDWARE. REPLACED ALL NECESSARY PARTS COVERED UNDER CERTIFIED SPECIFICATIONS.
04/30/2010	Service	13	REMOVE AND INSTALL TRANSMISSION	AND REPLACE LINES AND HOSES +++++ CUSTOMER COMPLAINT: REMOVE AND INSTALL TRANSMISSION REPAIR PROCESS COMMENTS: DRAINED POWER TRAIN FLUID, REMOVED AXLES, UNHOOKED AND REMOVED TRANSMISSION. CARRIED TRANSMISSION TO CRC FOR REPAIRS. AFTER NECESSARY REPAIRS WERE MADE INSTALLED TRANSMISSION AND TORQUED MOUNTING BOLTS OUTPUT SHAFT AND REPLACED U-JOINTS FOR DRIVE LINE.
04/30/2010	Service	13	REMOVE AND INSTALL TRACK ASSEMBLY	CUSTOMER COMPLAINT: REMOVE AND INSTALL TRACK ASSEMBLIES. REPAIR PROCESS COMMENTS: REMOVED TRACK ASSEMBLIES AND CARRIED ON HILL FOR CUSTOMER. RETRIEVED NEW TRACK ASSEMBLIES AND INSTALLED ON MACHINE, TORQUED MASTER PAD BOLTS TO CATERPILLAR SPECIFICATIONS.
04/30/2010	Service	13	REMOVE AND INSTALL TRACK ROLLER FRAME	CUSTOMER COMPLAINT: REMOVE AND INSTALL TRACK ROLLER FRAMES. REPAIR PROCESS COMMENTS: REMOVED TRACK ROLLER FRAMES AND CARRIED TO WELD SHOP FOR REPAIRS. AFTER NECESSARY REPAIRS WERE MADE, INSTALLED ROLLER FRAMES BACK ON MACHINE.
04/30/2010	Service	13	REMOVE AND INSTALL FINAL DRIVE(S)	CUSTOMER COMPLAINT: REMOVE AND INSTALL 2 FINAL DRIVE ASSEMBLIES. REPAIR PROCESS COMMENTS: REMOVED FINAL DRIVES AND STEERING CLUTCHES AND CARRIED TO CRC FOR REPAIRS .AFTER NECESSARY REPAIRS WERE MADE INSTALLED FINAL DRIVES AND STEERING CLUTCHES WITH NEW SEALS AND TORQUED BOLTS.

04/30/2010	Service	13	REMOVE AND INSTALL TORQUE CVTR,DVDR,RETARD	CUSTOMER COMPLAINT: REMOVE AND INSTALL TORQUE CONVERTER. REPAIR PROCESS COMMENTS: REMOVED TORQUE CONVERTER AND CARRIED TO CRC FOR REPAIRS INSTALLED TORQUE CONVERTER.
04/30/2010	Service	13	REMOVE AND INSTALL VEH# KGA337 S/N 26921	CUSTOMER COMPLAINT: REMOVE AND INSTALL PIVOT SHAFT REPAIR PROCESS COMMENTS: REMOVED PIVOT SHAFT AND CARRIED TO MACHINE SHOP FOR INSPECTION AND REPAIR. AFTER REPAIRS WERE MADE, INSTALLED PIVOT SHAFT BACK IN TRACTOR.
04/30/2010	Service	13	REMOVE AND INSTALL EQUALIZER BAR	CUSTOMER COMPLAINT: REMOVE AND INSTALL EQUALIZER BAR. REPAIR PROCESS COMMENTS: REMOVED EQUALIZER BAR AND CARRIED TO MACHINE SHOP FOR INSPECTION AND REPAIR. AFTER NECESSARY REPAIRS WERE MADE, INSTALLED EQUALIZER BAR BACK ON MACHINE.
04/30/2010	Service	13	RECONDITION/OVERHAUL ELECTRICAL SYSTEM	CUSTOMER COMPLAINT: RECONDITION ELECTRICAL SYSTEM REPAIR PROCESS COMMENTS: REPLACED ALL WIRING, CABLES AND BATTERIES. REPLACED ALL ELECTRICAL COMPONENTS, SOLENOIDS, SENSORS, ECMS AND LIGHTING THAT ARE REQUIRED IN CERTIFIED GUIDELINES.
04/30/2010	Service	13	RECONDITION/OVERHAUL HYDRAULIC SYSTEM	CUSTOMER COMPLAINT: RECONDITION HYDRAULIC SYSTEM REPAIR PROCESS COMMENTS: REPLACED ALL REQUIRED HYDRAULIC PARTS THAT WERE NOT SENT TO CRC AS PART OF A COMPONENT AND RECONDITIONED HYDRAULIC TANK.
04/30/2010	Service	13	ASSEMBLE MACHINE	CUSTOMER COMPLAINT: ASSEMBLE MACHINE. REPAIR PROCESS COMMENTS: USED THIS SEGMENT FOR ASSEMBLY PROCEDURES THAT DID NOT FALL UNDER THE INSTALLATION OF MAJOR COMPONENTS. SINCE MACHINE WAS DISASSEMBLED DOWN TO BARE FRAME, THERE IS ASSEMBLY REQUIRED OTHER THAN INSTALLING MAJOR COMPONENTS.
04/30/2010	Service	13	REMOVE AND INSTALL POWERTRAIN COMPONENTS	CUSTOMER COMPLAINT: REMOVE AND INSTALL POWER TRAIN COMPONENTS. REPAIR PROCESS COMMENTS: CLEANED OUT ALL INTERNAL PASSAGES IN FRAME AND REPLACED ALL REQUIRED POWER TRAIN COMPONENTS THAT WERE NOT SENT TO CRC.
04/30/2010	Service	13	REPLACE LIFT CYLINDER TRUNNION	CUSTOMER COMPLAINT: REPLACE LIFT CYLINDER TRUNNION REPAIR PROCESS COMMENTS: REMOVED LIFT CYLINDER TRUNNION BEARINGS, CLEANED CAPS AND INSTALLED NEW BEARINGS.
04/30/2010	Service	13	RECONDITION/OVERHAUL MAIN FRAME	CUSTOMER COMPLAINT: RECONDITION MAIN FRAME REPAIR PROCESS COMMENTS: CLEANED AND PAINTED MAIN FRAME BEFORE ASSEMBLY AND REPLACED ALL BEARINGS IN FRAME.
04/30/2010	Service	13	REPAIR EQUALIZER BAR	CUSTOMER COMPLAINT: REPAIR EQUALIZER BAR. REPAIR PROCESS COMMENTS: USED THIS SEGMENT TO ORDER AND INSTALL EQUALIZER BAR WET PINS, OIL TANK, GUARDS, HOSES, FITTINGS AND BAR PAD ASSEMBLY.
04/30/2010	Service	13	RECONDITION/OVERHAUL NON-ROPS CAB	CUSTOMER COMPLAINT: RECONDITION CAB (NON-ROPS TYPE) REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED AND PAINTED CAB. INSTALLED ALL NEW REQUIRED PARTS THAT COULD NOT BE SALVAGED AND RECONDITIONED AIR CONDITIONING AND HEATER SYSTEM.
04/30/2010	Service	13	REPAIR FENDER	CUSTOMER COMPLAINT: REPAIR FENDER REPAIR PROCESS COMMENTS: CLEANED OUT BATTERY BOXES AND CHISELED OUT RUST AND COAL. CUT HOLES IN BOTTOM OF BOXES AND COVERED WITH PLATES SO OPERATOR CAN CLEAN COAL OUT OF BOXES. PAINTED FENDERS BEFORE INSTALLATION.
04/30/2010	Service	13	REPAIR FUEL TANK	CUSTOMER COMPLAINT: REPAIR FUEL TANK. REPAIR PROCESS COMMENTS: REMOVED ALL FITTINGS, VENTS, CAPS AND PLUGS. CLEANED, SANDED AND PAINTED BEFORE INSTALLATION. INSTALLED ALL REQUIRED REPLACEMENT PARTS OUTLINED IN CERTIFIED REBUILD.
04/30/2010	Service	13	TOE ADJUSTMENT MACHINE	CUSTOMER COMPLAINT: TEST AND ADJUST MACHINE. REPAIR PROCESS COMMENTS: AFTER MACHINE WAS COMPLETELY ASSEMBLED AND ALL FLUIDS WERE INSTALLED AND CHECKED TO PROPER LEVELS. INSTALLED BLADE ASSEMBLY. CALIBRATED AND ADJUSTED MACHINE TO CATERPILLAR SPECIFICATIONS. RAN MACHINE ON HILL, MACHINE RAN PROPERLY AND NO LEAKS WERE PRESENT. REMOVED BLADE ASSEMBLY FOR SHIPMENT BACK TO CUSTOMER.
04/30/2010	Service	13	REPLACE/RESEAL WITH PLATE TRUCK 1066 NAYLOR	CHECKED LIFT CYLINDER YOKES AND REBUILT AS NEEDED.
04/30/2010	Service	13	ASSEMBLE TRACK SHOES	ASSEMBLE (SET)-LABOR ONLY. INCLUDES INSTALL NEW TRACK SHOES ON TWO NEW LINK ASSEMBLIES.
04/30/2010	Service	13	TROUBLESHOOT AND REPAIR VEH# KGA337 S/N 26921	CHECKED PIVOT SHAFT AND POLISHED.
04/30/2010	Service	13	RECONDITION/OVERHAUL TRACK ROLLER FRAME	
04/30/2010	Service	13	LOAD TRACK ASSEMBLY	FOR ANOTHER MACHINE +++++ CUSTOMER COMPLAINT: LOAD TRACK ASSEMBLIES REPAIR PROCESS COMMENTS: LOADED 2 USED TRACK ASSEMBLIES ON TRAILER FOR CUSTOMER.
04/30/2010	Service	13	WASH, FUEL&GO IDLER/IDLER WHEEL	
04/30/2010	Service	13	WASH, FUEL&GO TRACK ROLLER(S)	
04/30/2010	Service	13	SWAP MACHINE	

04/30/2010	Service	13	WASH, FUEL&GO EQUALIZER BAR	093 RECONDITION (MAJOR). PARTS, LABOR AND MACHINING INCLUDED. INCLUDES REPLACING ALL BEARINGS, SEALS, BUSHINGS, SPACERS AND GREASE FITTINGS. INCLUDES CLEANING AND INSPECTION BY DYE- PENETRANT AND ULTRA-SONIC FLAW DETECTION. ALL BORES ARE BUILT-UP AND MACHINED TO ORIGINAL SPECIFICATIONS. NOTE: BARS WHICH HAVE A BORE ELONGATED BY METAL-TO-METAL CONTACT MUST BE PRE-MACHINED BEFORE INSPECTION TO DETERMINE CORE ACCEPTANCE. BARS WHICH HAVE A CRACK IN THE CENTER BORE ARE NOT ACCEPTABLE CORES. BROKEN OR CRACKED END BORES CAN BE REPAIRED AT ADDITIONAL COST.
04/30/2010	Service	13	UNLOAD & INSPECT RADIATOR GUARD	CHECKED BORES ON GUARD AND REPAIRED BAD BORES INSTALLED BEARINGS.
04/30/2010	Service	13	AUTOMATIC WELD IDLER/IDLER WHEEL	RECONDITION (MAJOR) - PARTS AND LABOR. INCLUDES DISASSEMBLE, AND ASSEMBLE. INCLUDES RECONDITION OR REPLACEMENT OF ALL INTERNAL PARTS. INCLUDES WEAR BUILD-UP OF GUIDE COLLARS THAT ARE PART OF HYDROSTATIC DRIVE MACHINE IDLERS. EXCLUDES REPLACEMENT OF IDLER HULL ASSEMBLY. EXCLUDES REPAIR OR REPLACEMENT OF LINK ASSEMBLY ON IDLERS IF EQUIPPED (SEE FOOTNOTES FOR HYDROSTATIC DRIVE MACHINES). INCLUDES REPLACEMENT OF STUB SHAFTS IF EQUIPPED. MISSING PARTS AND PARTS DAMAGED BY NON-WEAR CAUSES WILL BE REPLACED AT ADDITIONAL COST. * ALL IDLERS WILL BE EVALUATED USING CATERPILLAR RECOMMENDED REBUILD WEAR LIMIT SPECIFICATIONS. IDLER HULLS WORN BEYOND 100% MAY NOT QUALIFY AS REBUILDABLE CORES AND MAY BE SUBJECT TO REPLACEMENT AT ADDITIONAL COST. IDLER SHELL - WEAR LIMITS TO ALLOW FOR REUSE THE IDLER SHELL MUST NOT EXCEED CERTAIN WEAR LIMITS. THE DIMENSIONS FOR THE BORE CAN BE FOUND IN THE "RECONDITIONING DIMENSIONS FOR IDLERS" RECONDITIONING BULLETIN FORM NO. SEBF8571. THE WEAR LIMITS FOR THE OUTSIDE
04/30/2010	Service	13	YARD DUTIES FRAME	REMOVED BEARINGS AND CHECKED BORES INSTALLED NEW BEARINGS.
04/30/2010	Service	13	DISASSEMBLE MACHINE	
04/30/2010	Service	13	SPECIAL DEALS IDLER/IDLER WHEEL	ROLL BURNISHED TWO IDLERS.
04/30/2010	Service	13	REPAIR MOTOR GRADER BLADE	REMOVED CUTTING EDGES. INSTALLED 1/2" AR450 LINER. BUILT UP WORN BORES AND MACHINED. REPAIRED BORES ON N PUSH ARMS. REPAIRED TAG LINK. REPAIRED CRACKS IN EDGE. REPLACED BEARINGS IN PUSH BLOCKS. BUILT UP WORN AREAS ON BLADE AND GROUND. INSTALLED NEW CAT EDGES WITH NEW HARDWEAR.
04/30/2010	Service	13	MACHINE/GRIND/MILL BLADE BRACKET	REPAIRED PUSH BLOCKS AND INSTALLED BEARINGS.
04/30/2010	Service	13	INSTALL SOUND SUPPRESSION (OTHER)	CUSTOMER COMPLAINT: INSTALL SOUND SUPPRESSION. REPAIR PROCESS COMMENTS: INSTALLED CUSTOM SOUND SUPPRESSION IN CAB PER CUSTOMERS REQUEST.
04/30/2010	Service	13	REPLACE CAB PRESSURIZER	CUSTOMER COMPLAINT: REPLACE CAB AIR PRESSURIZER. REPAIR PROCESS COMMENTS: REMOVED EXISTING PRESSURIZER ASSEMBLY AND INSTALLED 232-1314 PRESSURIZER GROUP ASSEMBLY PER CUSTOMERS REQUEST.
04/30/2010	Service	13	FUEL PUSH ARMS	ORDERED FOUR STEPS AND TRUNED OUTSIDE TO OUTSIDE WELDED TO STEP AND TRIMED OFF GROUND EDGES.
04/30/2010	Service	13	REBUILD PISTON PUMP	1- 1725638 HYDRAULIC FAN PUMP / PISTON TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +++++ CUSTOMER COMPLAINT: CERTIFIED REBUILD REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED, INSPECTED. FRONT PUMP: FOUND PORT PLATE TO HAVE PITTING FROM AERATION, REPLACED PORT PLATE, RESURFACED PISTONS, BARREL AND SWASHPLATE. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. TESTED TO CAT SPECS. REAR PUMP: FOUND NO MAJOR FAILURES, RESURFACED PORT AND SWASH PLATES, BARREL AND PISTONS. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. TESTED TO CAT SPECS. REPLACED ALL ATTACHED HOSES WITH NEW HOSES, RESEALED VALVE MANIFOLD. REASSEMBLED PUMP ASSEMBLY. NPWO PR 1) 1183122 SEAL; 1) 1282779 SEAL
04/30/2010	Service	13	REBUILD HYDRAULIC CONTROL VALVE	1- 1726977 MAIN HYDRAULIC CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +++++ CUSTOMER COMPLAINT: REBUILD MAIN CONTROL VALVE, CERTIFIED REBUILD REPAIR PROCESS COMMENTS: REBUILD MAIN CONTROL VALVE ACCORDING TO CERTIFIED REBUILD SPECS.
04/30/2010	Service	13	REBUILD PILOT VALVE	1- 1456054 HYD IMPLEMENT PILOT CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +++++ CUSTOMER COMPLAINT: REPAIR FOR CERTIFIED REBUILD. CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON SEALS AND SOLENOIDS. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS AND SOLENOIDS. BUILT TO SPECS. NPWO/NPR.
04/30/2010	Service	13	REBUILD TRANSMISSION OIL PUMP	1- 1425000 HYD POWERTRAIN OIL PUMP / GEAR TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +++++ CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO MAJOR FAILURES REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED, INSPECTED. FOUND NORMAL WEAR ON ALL GEARS AND HOUSINGS. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. NPWO NPR

04/30/2010	Service	13	REBUILD STEERING CLTCH&BRK CTR VL	1- 1333255 STEERING CLUTCH & BRAKE CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND. RESULTANT DAMAGE: NORMAL WEAR ON SEALS, SOLENOIDS, AND SPRINGS. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS, SOLENOIDS, AND SPRINGS. BUILT TO SPECS AND TESTED. NPWO/NPR.
04/30/2010	Service	13	REBUILD HYDRAULIC PUMP, GEAR-TYPE	1- 2279383 HYD IMPLEMENT FAN PUMP / GEAR TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: REBUILD HYD. GEAR PUMP, CERTIFIED REBUILD RESULTANT DAMAGE: FOUND PLATE FOR MAIN PUMP WORN BEYOND LIMITS, GEAR SETS AND PRESSURE PLATES WORN BEYOND LIMITS REPAIR PROCESS COMMENTS: REBUILD USING NEW PARTS FOR WORN BEYOND LIMIT ITEMS. INSTALL ON TEST BENCH AND TEST TO CAT. SPECS.
04/30/2010	Service	13	REBUILD SWING MOTOR	1- 1597161 HYDRAULIC FAN MOTOR / PISTON TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON BEARINGS AND SEALS. OVER HALF WEAR ON PISTON RINGS. LIGHT SCRATCHES ON BARREL FACE AND PORT PLATE. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW BEARINGS AND SEALS. INSTALLED NEW PISTONS. HAND LAPPED BARREL FACE AND PORT PLATE. BUILT TO SPECS AND TESTED. NPWO/NPR.
04/30/2010	Service	13	REBUILD HYDRAULIC CONTROL VALVE	1- 2252321 HYDRAULIC DUAL TILT CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON BEARINGS SEALS AND SOLENOIDS REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS AND SOLENOIDS. POLISHED SPOOL. BUILT TO SPECS. NPWO/NPR
04/30/2010	Service	13	RESEAL+LIGHT HONE NON-CAT HYD CYLINDER	1- 2520472 HYDRAULIC CYLINDER / LIFT (LH) 1- 2520471 HYDRAULIC CYLINDER / LIFT (RH) CAT CERTIFIED REBUILD GUIDELINES ***** CUSTOMER COMPLAINT: REBUILD CYLINDERS PER CAT CERTIFIED GUIDELINES. CAUSE OF FAILURE: BOTH RODS HAVE SCUFF MARKS IN CHROME FROM OUTSIDE SOURCES. RESULTANT DAMAGE: SEALS ARE WORN AND DISCOLORED. BARREL BORES ARE GLAZED AND SCRATCHED. RODS AND TRUNNIONS BEARINGS ARE WORN. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED PARTS. POLISHED RODS IN LATHE. HONED BARREL BORE. INSTALLED ALL NEW BEARINGS, KITS AND OVAL SEALS. BUILT TO SPECS AND TESTED. NPWO/NPR REMOVED QUICK DROP VALVES AND TUBES, CLEANED, TESTED VALVES OK, RESEALED AND INSTALLED BACK ON CYLINDER.
04/30/2010	Service	13	HONE/KNURL NON-CAT HYD CYLINDER	1- 2520472 HYDRAULIC CYLINDER / LIFT (LH) 1- 2520471 HYDRAULIC CYLINDER / LIFT (RH) ***** REPAIR PROCESS COMMENTS: HONED BARREL BORES.
04/30/2010	Service	13	ULTRASONIC TEST LIFT/HOIST CYLINDER	SALVAGE/REPLACEMENT OF CYLINDER PARTS NEEDED TO REPAIR CUSTOMERS TWO LIFT CYLINDERS WHICH IS ADDITIONAL TO THE PRICE OF RESEAL AND HONE SEGMENTS. ***** REPAIR PROCESS COMMENTS: POLISHED RODS IN LATHE. HONED BARREL BORE. INSTALLED ALL NEW BEARINGS. REMOVED QUICK DROP VALVES AND TUBES, CLEANED, TESTED VALVES OK, RESEALED AND INSTALLED BACK ON CYLINDER.
04/30/2010	Service	13	RESEAL+LIGHT HONE NON-CAT HYD CYLINDER	1- 9T3716 HYDRAULIC CYLINDER / BLADE TILT (LH) 1- 9T3715 HYDRAULIC CYLINDER / BLADE TILT (RH) CAT CERTIFIED REBUILD GUIDELINES ***** CAUSE OF FAILURE: U CUP SEALS DETERIORATED RESULTANT DAMAGE: LIGHT SCRATCHES ON BOTH RODS, BARREL BORES SCRATCHED. BEARINGS RUST PITTED, METAL LINES RUSTED, PISTON PLUNGERS AND INSERTS WORN. OUTER SURFACES OF BARRELS ARE RUSTED. REPAIR PROCESS COMMENTS: DISASSEMBLED BOTH CYLINDERS, CLEANED AND INSPECTED ALL PARTS, ORDERED AND INSTALLED NEW SEAL KITS FOR BOTH CYLINDERS. BUILT CYLINDERS TO SPECS TESTED OK NPWO / NPR
04/30/2010	Service	13	HONE/KNURL NON-CAT HYD CYLINDER	1- 9T3716 HYDRAULIC CYLINDER / BLADE TILT (LH) 1- 9T3715 HYDRAULIC CYLINDER / BLADE TILT (RH) ***** REPAIR PROCESS COMMENTS: HONED BOTH BARREL BORES
04/30/2010	Service	13	ULTRASONIC TEST TILT CYLINDER	SALVAGE/REPLACEMENT OF CYLINDER PARTS NEEDED TO REPAIR CUSTOMERS TWO BLADE TILT CYLINDERS WHICH IS ADDITIONAL TO THE PRICE OF RESEAL AND HONE SEGMENTS. ***** REPAIR PROCESS COMMENTS: REMOVED GUARDS AND LINES, ORDERED AND INSTALLED NEW BEARINGS FOR BOTH CYLINDERS AND RODS, POLISHED RODS IN LATHE. CLEANED RUST OFF TUBES AND BARRELS. ORDERED AND INSTALLED NEW PLUNGERS. PISTON INSERTS, AND SEALS. REINSTALLED GUARDS AND LINES.
04/30/2010	Service	13	HONE/KNURL TRACK ADJUSTER	1- 1792511 HYDRAULIC TRACK ADJUSTER (BARREL) ***** CUSTOMER COMPLAINT: N/A. CAUSE OF FAILURE: BARREL BORE SCRATCHED. RESULTANT DAMAGE: SAME. REPAIR PROCESS COMMENTS: HONED BARREL BORE 6.380"X20". NPWO/NPR.

04/30/2010	Service	13	MACHINE/GRIND/MILL CYLINDER BLOCK	REPAIR PROCESS COMMENTS: SET UP BLOCK ON MILL. CUT AND INSTALLED 64 WATER FERRULES AND RE-FINISHED COMBUSTION SURFACE OF BLOCK.
04/30/2010	Service	13	TECHNICAL ANALYSIS 1(TA1) ENGINE	
04/30/2010	Service	13	REMOVE AND INSTALL ATTACHMENT(S)	REPAIR PROCESS COMMENTS: ALTERNATOR - REPLACED WITH A REMAN ALTERNATOR (#0R-9937). REPLACED THE PULLEY (#138-2515) DUE TO EXCESSIVE WEAR. (ID# 4294) INSTALL PARTS NOT COVERED UNDER F/R PRICING, EG. BELTS, HOSES, SEVERAL A/C PARTS, ETC.
04/30/2010	Service	13	WASH, FUEL&GO USE CODE 3030	RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. REUSE/SALVAGE/REPLACE FRICTION DISCS, CLUTCH PLATES, CLUTCH PISTON, PLANET GEARS, PLANET SHAFTS AS REQUIRED. PUMP INSPECTION INCLUDES BEARINGS AND SEALS ONLY WHEN PUMP IS MOUNTED ON TRANSMISSION. EXCLUDES REPLACING CASE ASSEMBLY OR PLANETARY CARRIER ASSEMBLIES. EXCLUDES MACHINING, WELDING OR ABNORMAL SALVAGE WORK. CUSTOMER COMPLAINT: CERTIFIED REBUILD. CAUSE OF FAILURE: WEAR TO ALL BEARINGS AND SEALS. RESULTANT DAMAGE: ALL BEARINGS AND SEALS, ALL CLUTCH DISCS, ALL SOLENOID VALVES. REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED AND INSPECTED, REPLACED ALL BEARINGS AND SEALS, ALL CLUTCH DISC, REASSEMBLED TO CAT LATEST SPEC'S. BENCH TESTED AND RETURNED TO CUSTOMER SHOP.
04/30/2010	Service	13	WASH, FUEL&GO BEVEL GEAR/SHAFT ASSY	BEVEL GEAR RECONDITION (MAJOR). PARTS AND LABOR. EXCLUDES REPLACING CASE ASSEMBLY. EXCLUDES ANY MACHINING, WELDING OR ABNORMAL SALVAGE WORK. CUSTOMER COMPLAINT: RECONDITION BEFORE FAILURE. CAUSE OF FAILURE: NO FAILURE FOUND. DID UPDATES. RESULTANT DAMAGE: NO DAMAGE. REPAIR PROCESS COMMENTS: TORE DOWN, CLEANED, AND INSPECTED. DID ALL THE NEW UPDATES ON THE BEVEL GEAR AND HOUSING. INSTALLED ALL NEW BEARINGS, SEALS, AND PUT BACK TOGETHER TO CATS LATEST SPECS AND BENCH TESTED.
04/30/2010	Service	13	WASH, FUEL&GO FINAL DRIVE(S)	FINAL DRIVE LEVEL ONE RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. COMPONENT IN-SHOP, OFF MACHINE. LEVEL I CORE CONDITION CRITERIA: <> ACCEPTABLE PART NUMBER - CATERPILLAR PART. <> SPROCKET (OR WHEEL), HUB, CARRIER, OR PINDLE NOT VISIBLY CRACKED OR BROKEN. <> GEARS NOT VISIBLY BROKEN (WITH COVER PLATE REMOVED). <> FULLY ASSEMBLED AND COMPLETE. EXCLUDES <> ANY PIN BORE MACHINE WORK CUSTOMER COMPLAINT: THIS FINAL DRIVE IS TO BE REBUILT FOR A CERTIFIED REBUILD MACHINE. CAUSE OF FAILURE: NORMAL WEAR. SEAL LEAKING. RESULTANT DAMAGE: NO DAMAGE FOUND. REPAIR PROCESS COMMENTS: REPLACED ALL PARTS AS NEEDED OR REQUIRED BY THE CERTIFIED REBUILD PROGRAM TO REBUILD TO THE LATEST CATERPILLAR CERTIFIED REBUILD SPEC'S. MOUNTED SPROCKET SEGMENTS ON FINAL DRIVE TORQUED ALL BOLTS TO THE LATEST SPEC'S USING THE HYD. WRENCH EXCEPT ON 1 LARGE SEGMENT WHICH THE CUSTOMER SHOP ASKED TO BE LEFT LOOSE. P.W.O.# MB28774
04/30/2010	Service	13	WASH, FUEL&GO FINAL DRIVE(S)	FINAL DRIVE LEVEL ONE RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. COMPONENT IN-SHOP, OFF MACHINE. LEVEL I CORE CONDITION CRITERIA: <> ACCEPTABLE PART NUMBER - CATERPILLAR PART. <> SPROCKET (OR WHEEL), HUB, CARRIER, OR PINDLE NOT VISIBLY CRACKED OR BROKEN. <> GEARS NOT VISIBLY BROKEN (WITH COVER PLATE REMOVED). <> FULLY ASSEMBLED AND COMPLETE. EXCLUDES <> ANY PIN BORE MACHINE WORK CUSTOMER COMPLAINT: THIS FINAL DRIVE IS TO BE REBUILT FOR A CERTIFIED REBUILD MACHINE. CAUSE OF FAILURE: NORMAL WEAR. SEAL LEAKING. RESULTANT DAMAGE: NO DAMAGE FOUND. REPAIR PROCESS COMMENTS: REPLACED ALL PARTS AS NEEDED OR REQUIRED BY THE CERTIFIED REBUILD PROGRAM TO REBUILD TO THE LATEST CATERPILLAR CERTIFIED REBUILD SPEC'S. MOUNTED SPROCKET SEGMENTS ON FINAL DRIVE TORQUED ALL BOLTS TO THE LATEST SPEC'S USING THE HYD. WRENCH EXCEPT ON 1 LARGE SEGMENT WHICH THE CUSTOMER SHOP ASKED TO BE LEFT LOOSE. P.W.O.# RR59487
04/30/2010	Service	13	WASH, FUEL&GO STEERING CLUTCH AND BRAKE	STEERING CLUTCH RECONDITION-MAJOR (EACH) - PARTS AND LABOR. INCLUDES UPDATING UNIT TO LATEST PARTS. ALL PARTS ARE CHECKED FOR REUSE PER CATERPILLAR GUIDELINES. PRESSURE TEST ON BENCH. CAUSE OF FAILURE: 121-0683 WASHER-SPRING RESULTANT DAMAGE: LOSE OF USE OF BRAKE. GENERAL WEAR TO ALL BEARINGS AND SEALS REPAIR PROCESS COMMENTS: TORE DOWN, INSPECTED, FOUND WASHER SPRING 121-0683 CRACKED. FOUND GENERAL WEAR TO BEARINGS AND SEALS. REBUILT USING ALL NEW PARTS COVERED UNDER FLAT RATE INCLUDING NEW SPRING. BENCH TESTED AND MOUNTED BACK TO FINAL DRIVE. DID ALL TO LATEST CAT SPEC.
04/30/2010	Service	13	WASH, FUEL&GO STEERING CLUTCH AND BRAKE	STEERING CLUTCH RECONDITION-MAJOR (EACH) - PARTS AND LABOR. INCLUDES UPDATING UNIT TO LATEST PARTS. ALL PARTS ARE CHECKED FOR REUSE PER CATERPILLAR GUIDELINES. PRESSURE TEST ON BENCH. CAUSE OF FAILURE: BEARING FAILURE 173-0593. RESULTANT DAMAGE: METAL CONTAMINATION THROUGHOUT SYSTEM. WEAR TO ALL BEARINGS AND SEALS. REPAIR PROCESS COMMENTS: TORE DOWN, INSPECTED, FOUND BEARING FAILURE. CLEANED ALL PARTS. REBUILT USING ALL NEW PARTS COVERED UNDER FLAT RATE INCLUDING NEW SPRING. BENCH TESTED AND MOUNTED BACK TO FINAL DRIVE. DID ALL TO LATEST CAT SPEC.

04/30/2010	Service	13	WASH, FUEL&GO TORQUE CVTR,DVDR,RETARD	TORQUE CONVERTER RECONDITION (MAJOR). PARTS AND LABOR. INCLUDES ALL CONVERTER INTERNAL PARTS, OUTLET RELIEF VALVE GROUP AND REMOVE CONVERTER FROM HOUSING. EXCLUDES LABOR FOR REMOVING HOUSING FROM ENGINE. ADDITIONAL CHARGES FOR REPAIR OR REPLACEMENT OF SCAVENGE PUMP, LOCK-UP CLUTCH VALVE, SEQUENCE AND PRESSURE RELIEF VALVE. ADDITIONAL CHARGE FOR SALVAGE OR REPLACEMENT OF OUTER HOUSING. CAUSE OF FAILURE: PART NO. 8P-3572. RESULTANT DAMAGE: THE WEAR SLEEVE PUT OUT METAL CONTAMINATION CAUSING THE SEALS AND BEARINGS TO BE REPLACED REPAIR PROCESS COMMENTS: TORE DOWN, CLEANED AND INSPECTED ALL PARTS. FOUND 8P-3572 WAS WORN. REPLACED ALL BAD PARTS, BEARINGS AND SEALS. PUT BACK TOGETHER TO CATS LATEST SPECS AND TESTED.
04/30/2010	Service Credit	13	TRANSPORT MACHINE	BLADE PUSH ARMS AND ROPS
04/30/2010	Service Credit	13	CLEAN. MACHINE	CUSTOMER COMPLAINT: CLEAN MACHINE REPAIR PROCESS COMMENTS: USED HIGH PRESSURE STEAM CLEANER AND WATER CANNON TO CLEAN MACHINE. AFTER MACHINE WAS DISASSEMBLED, CLEANED FRAME AND VARIOUS INDIVIDUAL PARTS. AFTER MACHINE WAS ASSEMBLED AND RAN ON HILL, CLEANED COMPLETE MACHINE AND PREPARED FOR PAINT SHOP.
04/30/2010	Service Credit	13	UNLOAD MACHINE MACHINE	BLADE, PUSH ARMS, GUARD, ROPS +++++ CUSTOMER COMPLAINT: UNLOAD MACHINE. REPAIR PROCESS COMMENTS: UNLOADED TRACTOR FROM LOWBOY AT CUSTOMER SHOP. ALSO UNLOADED BLADE ASSEMBLY, CYLINDERS, COUNTERWEIGHTS, ROPS, PUSH ARMS AND TRUNNION BALLS.
04/30/2010	Service Credit	13	REMOV RECONDITION & INSTL GUARDS	CUSTOMER COMPLAINT: REMOVE AND INSTALL GUARDS. REPAIR PROCESS COMMENTS: REMOVED ALL GUARDS AND ENCLOSURES FOR MACHINE REPAIRS. CLEANED, SANDED, STRAIGHTENED AND PAINTED AFTER ALL NECESSARY REPAIRS WERE MADE, INSTALLED ENCLOSURES AND GUARDS.
04/30/2010	Service Credit	13	DISASSEMBLE MACHINE	CUSTOMER COMPLAINT: DISASSEMBLE MACHINE. REPAIR PROCESS COMMENTS: DISASSEMBLED MACHINE DOWN TO FRAME.
04/30/2010	Service Credit	13	REMOVE AND INSTALL ENGINE	REMOVE AND INSTALL (LABOR ONLY) - INCLUDES R & I HYDRAULIC LINES, CYLINDER SUPPORT TUBE, CRANKCASE GUARDS, AND EXTRANEOUS ITEMS. EXCLUDES R & I CAB AND OTHER ATTACHMENTS. MACHINES EQUIPPED WITH AIR CONDITIONING MAY INCUR ADDITIONAL LABOR CHARGES FOR HANDLING OF REFRIGERANT LINES. R & I RADIATOR FOR REPAIR OF RADIATOR IS NOT INCLUDED. R & I OF RADIATOR IF REQUIRED FOR R & I OF ENGINE IS INCLUDED. CUSTOMER COMPLAINT: REMOVE AND INSTALL ENGINE. REPAIR PROCESS COMMENTS: REMOVED ENGINE AND CARRIED TO CRC FOR REPAIRS, AFTER NECESSARY REPAIRS WERE MADE, INSTALLED ENGINE BACK IN MACHINE.
04/30/2010	Service Credit	13	RECONDITION/OVERHAUL PLATFORM/DECK	CUSTOMER COMPLAINT: RECONDITION PLATFORM/DECK REPAIR PROCESS COMMENTS: DISASSEMBLED PLATFORM DOWN TO BARE SHELL. CLEANED SANDED AND PAINTED ALL INDIVIDUAL PARTS THAT COULD BE SALVAGED. REPLACED ALL PARTS THAT COULD NOT BE SALVAGED. ASSEMBLED PLATFORM/DECK TO CERTIFIED SPECIFICATIONS.
04/30/2010	Service Credit	13	REMOVE AND INSTALL RADIATOR	CUSTOMER COMPLAINT: REMOVE AND INSTALL RADIATOR REPAIR PROCESS COMMENTS: DRAINED COOLANT AND REMOVED RADIATOR. AFTER NECESSARY REPAIRS WERE MADE INSTALLED RADIATOR. ALSO REPLACED POWER TRAIN COOLER AND HAD TO REPLACE POWER TRAIN COOLER BONNETS THAT WERE LEAKING DUE TO EROSION.
04/30/2010	Service Credit	13	RECONDITION/OVERHAUL RADIATOR	AND GUARD +++++ CUSTOMER COMPLAINT: RECONDITION RADIATOR REPAIR PROCESS COMMENTS: DISASSEMBLED RADIATOR AND HARD NOSE. SENT RADIATOR TO RADIATOR SHOP FOR RECONDITIONING. AFTER REPAIRS WERE MADE, ASSEMBLED RADIATOR BACK IN HARD NOSE WITH ALL NEW HARDWARE. REPLACED ALL NECESSARY PARTS COVERED UNDER CERTIFIED SPECIFICATIONS.
04/30/2010	Service Credit	13	REMOVE AND INSTALL TRANSMISSION	AND REPLACE LINES AND HOSES +++++ CUSTOMER COMPLAINT: REMOVE AND INSTALL TRANSMISSION REPAIR PROCESS COMMENTS: DRAINED POWER TRAIN FLUID, REMOVED AXLES, UNHOOKED AND REMOVED TRANSMISSION. CARRIED TRANSMISSION TO CRC FOR REPAIRS. AFTER NECESSARY REPAIRS WERE MADE INSTALLED TRANSMISSION AND TORQUED MOUNTING BOLTS OUTPUT SHAFT AND REPLACED U-JOINTS FOR DRIVE LINE.
04/30/2010	Service Credit	13	REMOVE AND INSTALL TRACK ASSEMBLY	CUSTOMER COMPLAINT: REMOVE AND INSTALL TRACK ASSEMBLIES. REPAIR PROCESS COMMENTS: REMOVED TRACK ASSEMBLIES AND CARRIED ON HILL FOR CUSTOMER. RETRIEVED NEW TRACK ASSEMBLIES AND INSTALLED ON MACHINE, TORQUED MASTER PAD BOLTS TO CATERPILLAR SPECIFICATIONS.
04/30/2010	Service Credit	13	REMOVE AND INSTALL TRACK ROLLER FRAME	CUSTOMER COMPLAINT: REMOVE AND INSTALL TRACK ROLLER FRAMES. REPAIR PROCESS COMMENTS: REMOVED TRACK ROLLER FRAMES AND CARRIED TO WELD SHOP FOR REPAIRS. AFTER NECESSARY REPAIRS WERE MADE, INSTALLED ROLLER FRAMES BACK ON MACHINE.
04/30/2010	Service Credit	13	REMOVE AND INSTALL FINAL DRIVE(S)	CUSTOMER COMPLAINT: REMOVE AND INSTALL 2 FINAL DRIVE ASSEMBLIES. REPAIR PROCESS COMMENTS: REMOVED FINAL DRIVES AND STEERING CLUTCHES AND CARRIED TO CRC FOR REPAIRS. AFTER NECESSARY REPAIRS WERE MADE INSTALLED FINAL DRIVES AND STEERING CLUTCHES WITH NEW SEALS AND TORQUED BOLTS.

04/30/2010	Service Credit	13	REMOVE AND INSTALL TORQUE CVTR,DVDR,RETARD	CUSTOMER COMPLAINT: REMOVE AND INSTALL TORQUE CONVERTER. REPAIR PROCESS COMMENTS: REMOVED TORQUE CONVERTER AND CARRIED TO CRC FOR REPAIRS INSTALLED TORQUE CONVERTER.
04/30/2010	Service Credit	13	REMOVE AND INSTALL VEH# KGA337 S/N 26921	CUSTOMER COMPLAINT: REMOVE AND INSTALL PIVOT SHAFT REPAIR PROCESS COMMENTS: REMOVED PIVOT SHAFT AND CARRIED TO MACHINE SHOP FOR INSPECTION AND REPAIR. AFTER REPAIRS WERE MADE, INSTALLED PIVOT SHAFT BACK IN TRACTOR.
04/30/2010	Service Credit	13	REMOVE AND INSTALL EQUALIZER BAR	CUSTOMER COMPLAINT: REMOVE AND INSTALL EQUALIZER BAR. REPAIR PROCESS COMMENTS: REMOVED EQUALIZER BAR AND CARRIED TO MACHINE SHOP FOR INSPECTION AND REPAIR. AFTER NECESSARY REPAIRS WERE MADE, INSTALLED EQUALIZER BAR BACK ON MACHINE.
04/30/2010	Service Credit	13	RECONDITION/OVERHAUL ELECTRICAL SYSTEM	CUSTOMER COMPLAINT: RECONDITION ELECTRICAL SYSTEM REPAIR PROCESS COMMENTS: REPLACED ALL WIRING, CABLES AND BATTERIES. REPLACED ALL ELECTRICAL COMPONENTS, SOLENOIDS, SENSORS, ECMS AND LIGHTING THAT ARE REQUIRED IN CERTIFIED GUIDELINES.
04/30/2010	Service Credit	13	RECONDITION/OVERHAUL HYDRAULIC SYSTEM	CUSTOMER COMPLAINT: RECONDITION HYDRAULIC SYSTEM REPAIR PROCESS COMMENTS: REPLACED ALL REQUIRED HYDRAULIC PARTS THAT WERE NOT SENT TO CRC AS PART OF A COMPONENT AND RECONDITIONED HYDRAULIC TANK.
04/30/2010	Service Credit	13	ASSEMBLE MACHINE	CUSTOMER COMPLAINT: ASSEMBLE MACHINE. REPAIR PROCESS COMMENTS: USED THIS SEGMENT FOR ASSEMBLY PROCEDURES THAT DID NOT FALL UNDER THE INSTALLATION OF MAJOR COMPONENTS. SINCE MACHINE WAS DISASSEMBLED DOWN TO BARE FRAME, THERE IS ASSEMBLY REQUIRED OTHER THAN INSTALLING MAJOR COMPONENTS.
04/30/2010	Service Credit	13	REMOVE AND INSTALL POWERTRAIN COMPONENTS	CUSTOMER COMPLAINT: REMOVE AND INSTALL POWER TRAIN COMPONENTS. REPAIR PROCESS COMMENTS: CLEANED OUT ALL INTERNAL PASSAGES IN FRAME AND REPLACED ALL REQUIRED POWER TRAIN COMPONENTS THAT WERE NOT SENT TO CRC.
04/30/2010	Service Credit	13	REPLACE LIFT CYLINDER TRUNNION	CUSTOMER COMPLAINT: REPLACE LIFT CYLINDER TRUNNION REPAIR PROCESS COMMENTS: REMOVED LIFT CYLINDER TRUNNION BEARINGS, CLEANED CAPS AND INSTALLED NEW BEARINGS.
04/30/2010	Service Credit	13	RECONDITION/OVERHAUL MAIN FRAME	CUSTOMER COMPLAINT: RECONDITION MAIN FRAME REPAIR PROCESS COMMENTS: CLEANED AND PAINTED MAIN FRAME BEFORE ASSEMBLY AND REPLACED ALL BEARINGS IN FRAME.
04/30/2010	Service Credit	13	REPAIR EQUALIZER BAR	CUSTOMER COMPLAINT: REPAIR EQUALIZER BAR. REPAIR PROCESS COMMENTS: USED THIS SEGMENT TO ORDER AND INSTALL EQUALIZER BAR WET PINS, OIL TANK, GUARDS, HOSES, FITTINGS AND BAR PAD ASSEMBLY.
04/30/2010	Service Credit	13	RECONDITION/OVERHAUL NON-ROPS CAB	CUSTOMER COMPLAINT: RECONDITION CAB (NON-ROPS TYPE) REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED AND PAINTED CAB. INSTALLED ALL NEW REQUIRED PARTS THAT COULD NOT BE SALVAGED AND RECONDITIONED AIR CONDITIONING AND HEATER SYSTEM.
04/30/2010	Service Credit	13	REPAIR FENDER	CUSTOMER COMPLAINT: REPAIR FENDER REPAIR PROCESS COMMENTS: CLEANED OUT BATTERY BOXES AND CHISELED OUT RUST AND COAL. CUT HOLES IN BOTTOM OF BOXES AND COVERED WITH PLATES SO OPERATOR CAN CLEAN COAL OUT OF BOXES. PAINTED FENDERS BEFORE INSTALLATION.
04/30/2010	Service Credit	13	REPAIR FUEL TANK	CUSTOMER COMPLAINT: REPAIR FUEL TANK. REPAIR PROCESS COMMENTS: REMOVED ALL FITTINGS, VENTS, CAPS AND PLUGS. CLEANED, SANDED AND PAINTED BEFORE INSTALLATION. INSTALLED ALL REQUIRED REPLACEMENT PARTS OUTLINED IN CERTIFIED REBUILD.
04/30/2010	Service Credit	13	TOE ADJUSTMENT MACHINE	CUSTOMER COMPLAINT: TEST AND ADJUST MACHINE. REPAIR PROCESS COMMENTS: AFTER MACHINE WAS COMPLETELY ASSEMBLED AND ALL FLUIDS WERE INSTALLED AND CHECKED TO PROPER LEVELS. INSTALLED BLADE ASSEMBLY. CALIBRATED AND ADJUSTED MACHINE TO CATERPILLAR SPECIFICATIONS. RAN MACHINE ON HILL, MACHINE RAN PROPERLY AND NO LEAKS WERE PRESENT. REMOVED BLADE ASSEMBLY FOR SHIPMENT BACK TO CUSTOMER.
04/30/2010	Service Credit	13	REPLACE/RESEAL WITH PLATE TRUCK 1066 NAYLOR	CHECKED LIFT CYLINDER YOKES AND REBUILT AS NEEDED.
04/30/2010	Service Credit	13	ASSEMBLE TRACK SHOES	ASSEMBLE (SET)-LABOR ONLY. INCLUDES INSTALL NEW TRACK SHOES ON TWO NEW LINK ASSEMBLIES.
04/30/2010	Service Credit	13	TROUBLESHOOT AND REPAIR VEH# KGA337 S/N 26921	CHECKED PIVOT SHAFT AND POLISHED.
04/30/2010	Service Credit	13	RECONDITION/OVERHAUL TRACK ROLLER FRAME	
04/30/2010	Service Credit	13	LOAD TRACK ASSEMBLY	FOR ANOTHER MACHINE +++++ CUSTOMER COMPLAINT: LOAD TRACK ASSEMBLIES REPAIR PROCESS COMMENTS: LOADED 2 USED TRACK ASSEMBLIES ON TRAILER FOR CUSTOMER.
04/30/2010	Service Credit	13	WASH, FUEL&GO IDLER/IDLER WHEEL	
04/30/2010	Service Credit	13	WASH, FUEL&GO TRACK ROLLER(S)	
04/30/2010	Service Credit	13	SWAP MACHINE	

04/30/2010	Service Credit	13	WASH, FUEL&GO EQUALIZER BAR	093 RECONDITION (MAJOR). PARTS, LABOR AND MACHINING INCLUDED. INCLUDES REPLACING ALL BEARINGS, SEALS, BUSHINGS, SPACERS AND GREASE FITTINGS. INCLUDES CLEANING AND INSPECTION BY DYE- PENETRANT AND ULTRA-SONIC FLAW DETECTION. ALL BORES ARE BUILT-UP AND MACHINED TO ORIGINAL SPECIFICATIONS. NOTE: BARS WHICH HAVE A BORE ELONGATED BY METAL-TO-METAL CONTACT MUST BE PRE-MACHINED BEFORE INSPECTION TO DETERMINE CORE ACCEPTANCE. BARS WHICH HAVE A CRACK IN THE CENTER BORE ARE NOT ACCEPTABLE CORES. BROKEN OR CRACKED END BORES CAN BE REPAIRED AT ADDITIONAL COST.
04/30/2010	Service Credit	13	UNLOAD & INSPECT RADIATOR GUARD	CHECKED BORES ON GUARD AND REPAIRED BAD BORES INSTALLED BEARINGS.
04/30/2010	Service Credit	13	AUTOMATIC WELD IDLER/IDLER WHEEL	RECONDITION (MAJOR) - PARTS AND LABOR. INCLUDES DISASSEMBLE, AND ASSEMBLE. INCLUDES RECONDITION OR REPLACEMENT OF ALL INTERNAL PARTS. INCLUDES WEAR BUILD-UP OF GUIDE COLLARS THAT ARE PART OF HYDROSTATIC DRIVE MACHINE IDLERS. EXCLUDES REPLACEMENT OF IDLER HULL ASSEMBLY. EXCLUDES REPAIR OR REPLACEMENT OF LINK ASSEMBLY ON IDLERS IF EQUIPPED (SEE FOOTNOTES FOR HYDROSTATIC DRIVE MACHINES). INCLUDES REPLACEMENT OF STUB SHAFTS IF EQUIPPED. MISSING PARTS AND PARTS DAMAGED BY NON-WEAR CAUSES WILL BE REPLACED AT ADDITIONAL COST. * ALL IDLERS WILL BE EVALUATED USING CATERPILLAR RECOMMENDED REBUILD WEAR LIMIT SPECIFICATIONS. IDLER HULLS WORN BEYOND 100% MAY NOT QUALIFY AS REBUILDABLE CORES AND MAY BE SUBJECT TO REPLACEMENT AT ADDITIONAL COST. IDLER SHELL - WEAR LIMITS TO ALLOW FOR REUSE THE IDLER SHELL MUST NOT EXCEED CERTAIN WEAR LIMITS. THE DIMENSIONS FOR THE BORE CAN BE FOUND IN THE "RECONDITIONING DIMENSIONS FOR IDLERS" RECONDITIONING BULLETIN FORM NO. SEBF8571. THE WEAR LIMITS FOR THE OUTSIDE REMOVED BEARINGS AND CHECKED BORES INSTALLED NEW BEARINGS.
04/30/2010	Service Credit	13	YARD DUTIES FRAME	
04/30/2010	Service Credit	13	DISASSEMBLE MACHINE	
04/30/2010	Service Credit	13	SPECIAL DEALS IDLER/IDLER WHEEL	ROLL BURNISHED TWO IDLERS.
04/30/2010	Service Credit	13	REPAIR MOTOR GRADER BLADE	REMOVED CUTTING EDGES. INSTALLED 1/2" AR450 LINER. BUILT UP WORN BORES AND MACHINED. REPAIRED BORES ON PUSH ARMS. REPAIRED TAG LINK. REPAIRED CRACKS IN EDGE. REPLACED BEARINGS IN PUSH BLOCKS. BUILT UP WORN AREAS ON BLADE AND GROUND. INSTALLED NEW CAT EDGES WITH NEW HARDWEAR.
04/30/2010	Service Credit	13	MACHINE/GRIND/MILL BLADE BRACKET	REPAIRED PUSH BLOCKS AND INSTALLED BEARINGS.
04/30/2010	Service Credit	13	INSTALL SOUND SUPPRESSION (OTHER)	CUSTOMER COMPLAINT: INSTALL SOUND SUPPRESSION. REPAIR PROCESS COMMENTS: INSTALLED CUSTOM SOUND SUPPRESSION IN CAB PER CUSTOMERS REQUEST.
04/30/2010	Service Credit	13	REPLACE CAB PRESSURIZER	CUSTOMER COMPLAINT: REPLACE CAB AIR PRESSURIZER. REPAIR PROCESS COMMENTS: REMOVED EXISTING PRESSURIZER ASSEMBLY AND INSTALLED 232-1314 PRESSURIZER GROUP ASSEMBLY PER CUSTOMERS REQUEST.
04/30/2010	Service Credit	13	FUEL PUSH ARMS	ORDERED FOUR STEPS AND TRUNED OUTSIDE TO OUTSIDE WELDED TO STEP AND TRIMED OFF GROUND EDGES.
04/30/2010	Service Credit	13	REBUILD PISTON PUMP	1- 1725638 HYDRAULIC FAN PUMP / PISTON TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +----- CUSTOMER COMPLAINT: CERTIFIED REBUILD REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED, INSPECTED. FRONT PUMP: FOUND PORT PLATE TO HAVE PITTING FROM AERATION, REPLACED PORT PLATE, RESURFACED PISTONS, BARREL AND SWASHPLATE. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. TESTED TO CAT SPECS. REAR PUMP: FOUND NO MAJOR FAILURES, RESURFACED PORT AND SWASH PLATES, BARREL AND PISTONS. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. TESTED TO CAT SPECS. REPLACED ALL ATTACHED HOSES WITH NEW HOSES, RESEALED VALVE MANIFOLD. REASSEMBLED PUMP ASSEMBLY. NPWO PR 1) 1183122 SEAL; 1) 1282779 SEAL
04/30/2010	Service Credit	13	REBUILD HYDRAULIC CONTROL VALVE	1- 1726977 MAIN HYDRAULIC CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +----- CUSTOMER COMPLAINT: REBUILD MAIN CONTROL VALVE, CERTIFIED REBUILD REPAIR PROCESS COMMENTS: REBUILD MAIN CONTROL VALVE ACCORDING TO CERTIFIED REBUILD SPECS.
04/30/2010	Service Credit	13	REBUILD PILOT VALVE	1- 1456054 HYD IMPLEMENT PILOT CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +----- CUSTOMER COMPLAINT: REPAIR FOR CERTIFIED REBUILD. CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON SEALS AND SOLENOIDS. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS AND SOLENOIDS. BUILT TO SPECS. NPWO/NPR.
04/30/2010	Service Credit	13	REBUILD TRANSMISSION OIL PUMP	1- 1425000 HYD POWERTRAIN OIL PUMP / GEAR TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS +----- CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO MAJOR FAILURES REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED, INSPECTED. FOUND NORMAL WEAR ON ALL GEARS AND HOUSINGS. REASSEMBLED PUMP WITH NEW SEALS AND BEARINGS. NPWO NPR

04/30/2010	Service Credit	13	REBUILD STEERING CLTCH&BRK CTR VL	1- 1333255 STEERING CLUTCH & BRAKE CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND. RESULTANT DAMAGE: NORMAL WEAR ON SEALS, SOLENOIDS, AND SPRINGS. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS, SOLENOIDS, AND SPRINGS. BUILT TO SPECS AND TESTED. NPWO/NPR.
04/30/2010	Service Credit	13	REBUILD HYDRAULIC PUMP, GEAR-TYPE	1- 2279383 HYD IMPLEMENT FAN PUMP / GEAR TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: REBUILD HYD. GEAR PUMP, CERTIFIED REBUILD RESULTANT DAMAGE: FOUND PLATE FOR MAIN PUMP WORN BEYOND LIMITS, GEAR SETS AND PRESSURE PLATES WORN BEYOND LIMITS REPAIR PROCESS COMMENTS: REBUILD USING NEW PARTS FOR WORN BEYOND LIMIT ITEMS. INSTALL ON TEST BENCH AND TEST TO CAT. SPECS.
04/30/2010	Service Credit	13	REBUILD SWING MOTOR	1- 1597161 HYDRAULIC FAN MOTOR / PISTON TYPE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON BEARINGS AND SEALS. OVER HALF WEAR ON PISTON RINGS. LIGHT SCRATCHES ON BARREL FACE AND PORT PLATE. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW BEARINGS AND SEALS. INSTALLED NEW PISTONS. HAND LAPPED BARREL FACE AND PORT PLATE. BUILT TO SPECS AND TESTED. NPWO/NPR.
04/30/2010	Service Credit	13	REBUILD HYDRAULIC CONTROL VALVE	1- 2252321 HYDRAULIC DUAL TILT CONTROL VALVE ***** REPLACE ALL HOSES WITH NEW ***** CERTIFIED REBUILD SPECS ***** CUSTOMER COMPLAINT: CERTIFIED REBUILD CAUSE OF FAILURE: NO FAILURE FOUND RESULTANT DAMAGE: NORMAL WEAR ON BEARINGS SEALS AND SOLENOIDS REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED ALL PARTS. INSTALLED NEW SEALS AND SOLENOIDS. POLISHED SPOOL. BUILT TO SPECS. NPWO/NPR
04/30/2010	Service Credit	13	RESEAL+LIGHT HONE NON-CAT HYD CYLINDER	1- 2520472 HYDRAULIC CYLINDER / LIFT (LH) 1- 2520471 HYDRAULIC CYLINDER / LIFT (RH) CAT CERTIFIED REBUILD GUIDELINES ***** CUSTOMER COMPLAINT: REBUILD CYLINDERS PER CAT CERTIFIED GUIDELINES. CAUSE OF FAILURE: BOTH RODS HAVE SCUFF MARKS IN CHROME FROM OUTSIDE SOURES. RESULTANT DAMAGE: SEALS ARE WORN AND DISCOLORED. BARREL BORES ARE GLAZED AND SCRATCHED. RODS AND TRUNNIONS BEARINGS ARE WORN. REPAIR PROCESS COMMENTS: CLEANED AND INSPECTED PARTS. POLISHED RODS IN LATHE. HONED BARREL BORE. INSTALLED ALL NEW BEARINGS, KITS AND OVAL SEALS. BUILT TO SPECS AND TESTED. NPWO/NPR REMOVED QUICK DROP VALVES AND TUBES, CLEANED, TESTED VALVES OK, RESEALED AND INSTALLED BACK ON CYLINDER.
04/30/2010	Service Credit	13	HONE/KNURL NON-CAT HYD CYLINDER	1- 2520472 HYDRAULIC CYLINDER / LIFT (LH) 1- 2520471 HYDRAULIC CYLINDER / LIFT (RH) ***** REPAIR PROCESS COMMENTS: HONED BARREL BORES.
04/30/2010	Service Credit	13	ULTRASONIC TEST LIFT/HOIST CYLINDER	SALVAGE/REPLACEMENT OF CYLINDER PARTS NEEDED TO REPAIR CUSTOMERS TWO LIFT CYLINDERS WHICH IS ADDI TIONAL TO THE PRICE OF RESEAL AND HONE SEGMENTS. ***** REPAIR PROCESS COMMENTS: POLISHED RODS IN LATHE. HONED BARREL BORE. INSTALLED ALL NEW BEARINGS. REMOVED QUICK DROP VALVES AND TUBES, CLEANED, TESTED VALVES OK, RESEALED AND INSTALLED BACK ON CYLINDER.
04/30/2010	Service Credit	13	RESEAL+LIGHT HONE NON-CAT HYD CYLINDER	1- 9T3716 HYDRAULIC CYLINDER / BLADE TILT (LH) 1- 9T3715 HYDRAULIC CYLINDER / BLADE TILT (RH) CAT CERTIFIED REBUILD GUIDELINES ***** CAUSE OF FAILURE: U CUP SEALS DETERIORATED RESULTANT DAMAGE: LIGHT SCRATCHES ON BOTH RODS, BARREL BORES SCRATCHED. BEARINGS RUST PITTED, METAL LINES RUSTED, PISTON PLUNGERS AND INSERTS WORN. OUTER SURFACES OF BARRELS ARE RUSTED. REPAIR PROCESS COMMENTS: DISASSEMBLED BOTH CYLINDERS, CLEANED AND INSPECTED ALL PARTS, ORDERED AND INSTALLED NEW SEAL KITS FOR BOTH CYLINDERS. BUILT CYLINDERS TO SPECS TESTED OK NPWO / NPR
04/30/2010	Service Credit	13	HONE/KNURL NON-CAT HYD CYLINDER	1- 9T3716 HYDRAULIC CYLINDER / BLADE TILT (LH) 1- 9T3715 HYDRAULIC CYLINDER / BLADE TILT (RH) ***** REPAIR PROCESS COMMENTS: HONED BOTH BARREL BORES
04/30/2010	Service Credit	13	ULTRASONIC TEST TILT CYLINDER	SALVAGE/REPLACEMENT OF CYLINDER PARTS NEEDED TO REPAIR CUSTOMERS TWO BLADE TILT CYLINDERS WHICH IS ADDITIONAL TO THE PRICE OF RESEAL AND HONE SEGMENTS. ***** REPAIR PROCESS COMMENTS: REMOVED GUARDS AND LINES, ORDERED AND INSTALLED NEW BEARINGS FOR BOTH CYLINDERS AND RODS, POLISHED RODS IN LATHE. CLEANED RUST OFF TUBES AND BARRELS. ORDERED AND INSTALLED NEW PLUNGERS. PISTON INSERTS, AND SEALS. REINSTALLED GUARDS AND LINES.
04/30/2010	Service Credit	13	HONE/KNURL TRACK ADJUSTER	1- 1792511 HYDRAULIC TRACK ADJUSTER (BARREL) ***** CUSTOMER COMPLAINT: N/A. CAUSE OF FAILURE: BARREL BORE SCRATCHED. RESULTANT DAMAGE: SAME. REPAIR PROCESS COMMENTS: HONED BARREL BORE 6.380"X20". NPWO/NPR.

04/30/2010	Service Credit	13	MACHINE/GRIND/MILL CYLINDER BLOCK	REPAIR PROCESS COMMENTS: SET UP BLOCK ON MILL. CUT AND INSTALLED 64 WATER FERRULES AND RE-FINISHED COMBUSTION SURFACE OF BLOCK.
04/30/2010	Service Credit	13	TECHNICAL ANALYSIS 1(TA1) ENGINE	
04/30/2010	Service Credit	13	REMOVE AND INSTALL ATTACHMENT(S)	REPAIR PROCESS COMMENTS: ALTERNATOR - REPLACED WITH A REMAN ALTERNATOR (#0R-9937). REPLACED THE PULLEY (#138-2515) DUE TO EXCESSIVE WEAR. (ID# 4294) INSTALL PARTS NOT COVERED UNDER F/R PRICING, EG. BELTS. HOSES, SEVERAL A/C PARTS, ETC. RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. REUSE/SALVAGE/REPLACE FRICTION DISCS, CLUTCH PLATES, CLUTCH PISTON, PLANET GEARS, PLANET SHAFTS AS REQUIRED. PUMP INSPECTION INCLUDES BEARINGS AND SEALS ONLY WHEN PUMP IS MOUNTED ON TRANSMISSION. EXCLUDES REPLACING CASE ASSEMBLY OR PLANETARY CARRIER ASSEMBLIES. EXCLUDES MACHINING, WELDING OR ABNORMAL SALVAGE WORK. CUSTOMER COMPLAINT: CERTIFIED REBUILD. CAUSE OF FAILURE: WEAR TO ALL BEARINGS AND SEALS. RESULTANT DAMAGE: ALL BEARINGS AND SEALS, ALL CLUTCH DISCS, ALL SOLENOID VALVES. REPAIR PROCESS COMMENTS: DISASSEMBLED, CLEANED AND INSPECTED, REPLACED ALL BEARINGS AND SEALS, ALL CLUTCH DISC, REASSEMBLED TO CAT LATEST SPEC'S. BENCH TESTED AND RETURNED TO CUSTOMER SHOP.
04/30/2010	Service Credit	13	WASH, FUEL&GO USE CODE 3030	
04/30/2010	Service Credit	13	WASH, FUEL&GO BEVEL GEAR/SHAFT ASSY	BEVEL GEAR RECONDITION (MAJOR). PARTS AND LABOR. EXCLUDES REPLACING CASE ASSEMBLY. EXCLUDES ANY MICHINING, WELDING OR ABNORMAL SALVAGE WORK. CUSTOMER COMPLAINT: RECONDITION BEFORE FAILURE. CAUSE OF FAILURE: NO FAILURE FOUND. DID UPDATES. RESULTANT DAMAGE: NO DAMAGE. REPAIR PROCESS COMMENTS: TORE DOWN, CLEANED, AND INSPECTED. DID ALL THE NEW UPDATES ON THE BEVEL GEAR AND HOUSING. INSTALLED ALL NEW BEARINGS, SEALS, AND PUT BACK TOGETHER TO CATS LATEST SPECS AND BENCH TESTED.
04/30/2010	Service Credit	13	WASH, FUEL&GO FINAL DRIVE(S)	FINAL DRIVE LEVEL ONE RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. COMPONENT IN-SHOP, OFF MACHINE. LEVEL I CORE CONDITION CRITERIA: <> ACCEPTABLE PART NUMBER - CATERPILLAR PART. <> SPROCKET (OR WHEEL), HUB, CARRIER, OR PINDLE NOT VISIBLY CRACKED OR BROKEN. <> GEARS NOT VISIBLY BROKEN (WITH COVER PLATE REMOVED). <> FULLY ASSEMBLED AND COMPLETE. EXCLUDES <> ANY PIN BORE MACHINE WORK CUSTOMER COMPLAINT: THIS FINAL DRIVE IS TO BE REBUILT FOR A CERTIFIED REBUILD MACHINE. CAUSE OF FAILURE: NORMAL WEAR. SEAL LEAKING. RESULTANT DAMAGE: NO DAMAGE FOUND. REPAIR PROCESS COMMENTS: REPLACED ALL PARTS AS NEEDED OR REQUIRED BY THE CERTIFIED REBUILD PROGRAM TO REBUILD TO THE LATEST CATERPILLAR CERTIFIED REBUILD SPEC'S. MOUNTED SPROCKET SEGMENTS ON FINAL DRIVE TORQUED ALL BOLTS TO THE LATEST SPEC'S USING THE HYD. WRENCH EXCEPT ON 1 LARGE SEGMENT WHICH THE CUSTOMER SHOP ASKED TO BE LEFT LOOSE. P.W.O.# MB28774
04/30/2010	Service Credit	13	WASH, FUEL&GO FINAL DRIVE(S)	FINAL DRIVE LEVEL ONE RECONDITION (MAJOR). LEVEL I REBUILD. PARTS AND LABOR INCLUDED. COMPONENT IN-SHOP, OFF MACHINE. LEVEL I CORE CONDITION CRITERIA: <> ACCEPTABLE PART NUMBER - CATERPILLAR PART. <> SPROCKET (OR WHEEL), HUB, CARRIER, OR PINDLE NOT VISIBLY CRACKED OR BROKEN. <> GEARS NOT VISIBLY BROKEN (WITH COVER PLATE REMOVED). <> FULLY ASSEMBLED AND COMPLETE. EXCLUDES <> ANY PIN BORE MACHINE WORK CUSTOMER COMPLAINT: THIS FINAL DRIVE IS TO BE REBUILT FOR A CERTIFIED REBUILD MACHINE. CAUSE OF FAILURE: NORMAL WEAR. SEAL LEAKING. RESULTANT DAMAGE: NO DAMAGE FOUND. REPAIR PROCESS COMMENTS: REPLACED ALL PARTS AS NEEDED OR REQUIRED BY THE CERTIFIED REBUILD PROGRAM TO REBUILD TO THE LATEST CATERPILLAR CERTIFIED REBUILD SPEC'S. MOUNTED SPROCKET SEGMENTS ON FINAL DRIVE TORQUED ALL BOLTS TO THE LATEST SPEC'S USING THE HYD. WRENCH EXCEPT ON 1 LARGE SEGMENT WHICH THE CUSTOMER SHOP ASKED TO BE LEFT LOOSE. P.W.O.# RR59487
04/30/2010	Service Credit	13	WASH, FUEL&GO STEERING CLUTCH AND BRAKE	STEERING CLUTCH RECONDITION-MAJOR (EACH) - PARTS AND LABOR. INCLUDES UPDATING UNIT TO LATEST PARTS. ALL PARTS ARE CHECKED FOR REUSE PER CATERPILLAR GUIDELINES. PRESSURE TEST ON BENCH. CAUSE OF FAILURE: 121-0683 WASHER-SPRING RESULTANT DAMAGE: LOSE OF USE OF BRAKE. GENERAL WEAR TO ALL BEARINGS AND SEALS REPAIR PROCESS COMMENTS: TORE DOWN, INSPECTED, FOUND WASHER SPRING 121-0683 CRACKED. FOUND GENERAL WEAR TO BEARINGS AND SEALS. REBUILT USING ALL NEW PARTS COVERED UNDER FLAT RATE INCLUDING NEW SPRING. BENCH TESTED AND MOUNTED BACK TO FINAL DRIVE. DID ALL TO LATEST CAT SPEC.
04/30/2010	Service Credit	13	WASH, FUEL&GO STEERING CLUTCH AND BRAKE	STEERING CLUTCH RECONDITION-MAJOR (EACH) - PARTS AND LABOR. INCLUDES UPDATING UNIT TO LATEST PARTS. ALL PARTS ARE CHECKED FOR REUSE PER CATERPILLAR GUIDELINES. PRESSURE TEST ON BENCH. CAUSE OF FAILURE: BEARING FAILURE 173-0593. RESULTANT DAMAGE: METAL CONTAMINATION THROUGHOUT SYSTEM. WEAR TO ALL BEARINGS AND SEALS. REPAIR PROCESS COMMENTS: TORE DOWN, INSPECTED, FOUND BEARING FAILURE. CLEANED ALL PARTS. REBUILT USING ALL NEW PARTS COVERED UNDER FLAT RATE INCLUDING NEW SPRING. BENCH TESTED AND MOUNTED BACK TO FINAL DRIVE. DID ALL TO LATEST CAT SPEC.

