

Service History

Service Date	Invoice Type	Hours	Description	Service Notes
05/23/2006	Service	3	WASH MACHINE	
05/23/2006	Service	3	TOUCH-UP MACHINE	
05/23/2006	Service	3	PREDELIVER MACHINE	PREDELIVER, S.N, DECALS, 50% FUEL
05/23/2006	Service	3	INSTALL BULLDOZER BLADE	
				FOR SERVICE REPORT ONLY +++++ 5-11-06 #3194 3.5 HRS SEG.03-PREDELIVER MACHINE FOUND MACHINE CHECKED LEVELS BEFORE BRINGING TO SH OP. INSPECTED MACHINE FOR ANY DAMAGE AND ANY TYPE OF LEAKS. CHECKED ALL COMPARTMENTS FOR ANYTHING LOOSE OR MISSING. CHECKED TRACKS AND FINAL DRIVES. MEASURED AND GOT TRACK SERIAL NUMBERS OFF OF LINKS. CHECKED ALL CAB OPERATIONS AND FILLED OUT PAPER WORK. PAINTED AND SERIAL NUMBERS AND INSTALLED DECALS. PUT 50% FUEL. PUT OUT FOR INSPECTION. SEG.04-INSTALL BLADE FOUND BLADE AND PUSHARMS AND PARTS OUT BACK. GOT FORKLIFT. REMOVED PACKAGING AND OPENED BOX AND MADE SURE ALL PARTS WERE THERE THERE WAS A FEW THINGS MISSING LIKE O-RINGS, COTTER PINS, AND NUTS. SHIMMED AND INSTALLED PUSHARMS. SHIMMED AND INSTALLED LEFT ARM AND RIGHT TILT CYLINDER. REMOVED PAINT AND OIL COATING FROM ENDS OF TRUNNIONS AND JOINTS. INSTALLED ON MACHINE. RAN HYD LINES TO MACHINE. SHIMMED END CAPS TO MACHINE. C
11/14/2006	Service	836	PERFORM PM-1250 HOUR	PM 1 HALLS BAYOU
11/14/2006	Service	836		D6R XW CASN.MRT00287.836HRS.10/26/06.#57136***PM1 LOCATION AT.HALLS BAYOU.TO SHAW ENVI.INC. CHANGED ENGINE OIL AND FILTER.AIR FILTER. FUEL FILTER.WATER SEPARATOR FILTER. BLEW OFF RADIATOR.CLEAN BATTERIES. CHECK FOR LEAKS.TAKE SOSSAMPLE. CHECK LEVELS.GREASED MACHINE. ***NO LEAKS FOUND*** C.ARCE.2277. NOE CHAVEZ.2480.
11/20/2006	Service	830	TRAVEL TO/FROM MACHINE	HALLS BAYOU
11/20/2006	Service	830	REPAIR FOR WARRANTY: HYDRAULIC HOSES/LINES	LEAK ++++++ CUSTOMER COMPLAINT: HYD LEAK @ ACCUMULATOR REPAIRS: ARRIVED & VERIFIED CUSTOMER COMPLAINT. THE LEAKING LINE WAS REMOVED AND DISCOVERED A MISSING 3J-1907 SEAL. IT WAS INSTALLED AND THE MACHINE WAS TOPPED OFF WITH OIL. RAN WITH NO FURTHER PROBLEMS.
11/20/2006	Service	830	TRAVEL TO/FROM MACHINE	
11/20/2006	Service	830	REPAIR FOR WARRANTY: HYDRAULIC HOSES/LINES	
11/29/2006	Service	819		SEG-02 CUSTOMER COMPLAINT OF AN OIL LEAK. I RAN THE MACHINE AND CONFIRMED THE COMPLAINT. I FOUND LINE 226-6591 LOOSE AND LEAKING. I CHECKED THE SEAL AND IT WAS OK SO I TIGHTEN THE LINE ADD OIL, RAN THE MACHINE AND ALL WAS OK. SEG-03 CUSTOMER COMPLAINT MACHINE WILL NOT ALWAYS START. I CHECKED THE MACHINE AND CONFIRMED THE COMPLAINT. WENT BACK TO THE OFFICE TO GET THE SCHMATIC. WENT BACK TO TROUBLESHOOT. CHECKED ALL WIRING, THE BATTERIES, ALL WAS OK. I FOUND THE CABLE AT THE STARTED WAS LOOSE. I TIGHTEN, RAN THE MACHINE AND ALL WAS OK.
11/29/2006	Service	819	TRAVEL TO/FROM MACHINE	ALDINE WESTFIELD
11/29/2006	Service	819	REPAIR FOR WARRANTY: HYDRAULIC HOSES/LINES	OIL LEAK
11/29/2006	Service	819	REPAIR FOR WARRANTY: ELECTRIC STARTING MOTOR	REPAIR TO START
11/29/2006	Service	819	TRAVEL TO/FROM MACHINE	
11/29/2006	Service	819	REPAIR FOR WARRANTY: HYDRAULIC HOSES/LINES	
11/29/2006	Service	819	REPAIR FOR WARRANTY: ELECTRIC STARTING MOTOR	
11/29/2006	Service	819		
12/11/2006	Service	1078	PERFORM PM-3 1000 HOUR	
12/11/2006	Service	1078		D6R ENG.MRT00287 11/28/06 HRS.1078 PM3 EQU.57136 LOC.WEST MOUNT HOUSTON CHANGED OIL AND OIL FILTER.CHANGED BOTH AIR. CHANGED FUEL FILTERS.CHANGED HYD.AND TRANS.FILTER AND FLUIDS.BLEW RAIDIATOR.CHECKED BATT.GREASED MACHINE.CHECKED LEVELS.NO LEAKS. JESSE M 3584 CENOVIO A 2277
02/22/2007	Service	1910	TRAVEL TO/FROM MACHINE	
02/22/2007	Service	1910	PERFORM PRODUCT IMPROVEMENT PROG.	PI31143
02/22/2007	Service	1910	TRAVEL TO/FROM MACHINE	

02/22/2007	Service	1910	PERFORM PRODUCT IMPROVEMENT PROG.	
05/16/2007	Service	1925	PERFORM PM-1 250 HOUR	
05/16/2007	Service	1925		D6R MRT00287 HRS 1925 5/08/07 PM1 EQUIP #57136 LOCATION GARNERS BAYOU CHANGED ENGINE OIL AND FILTER, PRIMARY AIR FILTER TRANS FILTER, FUEL FILTER & FUEL W/S, TAKE SOS SAMPLES, BLEW RADIATOR CLEANED BATTERIES GREASED MACHINE. NO LEAKS FOUND JOSE. A #3061
03/18/2008	Parts	0		
09/15/2008	Service	3115	TRAVEL TO/FROM MACHINE	
09/15/2008	Service	3115	PERFORM SERVICE ON PM-3 1000 HOUR	MACHINE DUE FOR SERVICE. CAUSE: HOURS COMPLAINT: PM3
10/15/2008	Service	3073	REPAIR TRACK LINK ASSEMBLY (S&L)	COMPLAINT: TRACKS ARE ABOUT TO BREAK. CAUSE: BUSHINGS ARE DRY IN RAIL CORRECTION: INSPECTED RAIL ON MACHINE AND FOUND A BOX DRY ON EACH SIDE OF MACHINE CALLED SHOP AND HAD PARTS ORDERED TO MAKE REPAIR. COMPLAINT: TRACKS ARE ABOUT TO BREAK. CAUSE: BUSHINGS ARE DRY IN RAIL CORRECTION: INSPECTED RAIL ON MACHINE AND FOUND A BOX DRY ON EACH SIDE OF MACHINE CALLED SHOP AND HAD PARTS ORDERED TO MAKE REPAIR. COMPLAINT: SQUEAKING TRACKS CAUSE: 1 DRY CARTRIDGE JOINT IN EACH TRACK COMPLICATION: BURN PERMIT AND FIRE WATCHER REQUIRED ON JOBSITE, 36" MASTER PADS ORDERED FOR 30" TRACK CORRECTION: POSITIONED MACHINE, REMOVED TRACK PADS AND RELEASED TRACK ADJUSTERS. CUT OUT BAD LINK BOXES, REASSEMBLED WITH 1 NEW LINK BOX, 4 CLAMP MASTERS AND 2 MASTER PADS PER SIDE. TORQUED ALL BOLTS TO SPEC, READJUSTED TRACKS.
10/15/2008	Service	3073	TRAVEL TO/FROM MACHINE	TRAVEL & MILEAGE FOR ZONE 3 TRAVEL ON REPAIRS ON TRACKS WARRANTY PAID ON SEG 2 UNIT# 57136
10/15/2008	Service	3073	REPAIR TRACK LINK ASSEMBLY (S&L)	
11/25/2008	Parts	0		
12/17/2008	Service	3226	REPAIR TRACK ASSEMBLY	COMPLAINT: REPLACE TRACK RAILS CAUSE: NORMAL WEAR CORRECTION: R&I TRACK RAILS DID A PAD EXCHANGE ON NEW RAILS CORRECTION: PUT NEW RAILS AND DOUBLE FLANGED ROLLERS ON MACHINE AND ADJUSTED TRACKS
12/17/2008	Service	3226	REMOVE AND INSTALL TRACK ASSEMBLY	COMPLAINT: REPLACE TRACK ROLLERS, REPLACE TRACK RAILS CAUSE: NORMAL WEAR CORRECTION: REMOVED TO REPLACE OLD SINGLE FLANGE TRACK ROLLERS WITH DOUBLE FLANGE ROLLERS.
12/17/2008	Service	3226	REMOVE AND INSTALL TRACK ROLLER(S)	COMPLAINT: REPLACE TRACK ROLLERS, REPLACE TRACK RAILS CAUSE: NORMAL WEAR CORRECTION: REPLACED OLD SINGLE FLANGE TRACK ROLLERS WITH DOUBLE FLANGE ROLLERS, NEW BOLTS, TORQUE BOLTS TO 390. COMPLAINT: RAILS AND ROLLERS WERE WORE OUT NEEDED TO BE REPLACED COMPLICATION: PUT NEW ROLLERS CORRECTION: PUT NEW RAILS AND DOUBLE FLANGED ROLLERS ON MACHINE AND ADJUSTED TRACKS
12/17/2008	Service	3226	TRANSPORT MACHINE	TRANSPORT MACHINE FOR REPAIRS.
12/17/2008	Service	3226	REPAIR TRACK ASSEMBLY	COMPLAINT: REPLACE TRACK RAILS CAUSE: NORMAL WEAR CORRECTION: R&I TRACK RAILS DID A PAD EXCHANGE ON NEW RAILS CORRECTION: PUT NEW RAILS AND DOUBLE FLANGED ROLLERS ON MACHINE AND ADJUSTED TRACKS
12/17/2008	Service	3226	REMOVE AND INSTALL TRACK ASSEMBLY	COMPLAINT: REPLACE TRACK ROLLERS, REPLACE TRACK RAILS CAUSE: NORMAL WEAR CORRECTION: REMOVED TO REPLACE OLD SINGLE FLANGE TRACK ROLLERS WITH DOUBLE FLANGE ROLLERS.
12/17/2008	Service	3226	WASH MACHINE	COMPLAINT: WASH MACHINE
12/17/2008	Service	3226	REMOVE AND INSTALL TRACK ROLLER(S)	COMPLAINT: REPLACE TRACK ROLLERS, REPLACE TRACK RAILS CAUSE: NORMAL WEAR CORRECTION: REPLACED OLD SINGLE FLANGE TRACK ROLLERS WITH DOUBLE FLANGE ROLLERS, NEW BOLTS, TORQUE BOLTS TO 390. COMPLAINT: RAILS AND ROLLERS WERE WORE OUT NEEDED TO BE REPLACED COMPLICATION: PUT NEW ROLLERS CORRECTION: PUT NEW RAILS AND DOUBLE FLANGED ROLLERS ON MACHINE AND ADJUSTED TRACKS
01/13/2009	Service	3550	TRAVEL TO/FROM MACHINE	
01/13/2009	Service	3550	PERFORM SERVICE ON PM-2 500 HR	COMPLAINT: MACHINE DUE FOR SERVICE CAUSE: HOURS CORRECTION: PERFORM PM ON SERVICE ON MACHINE
02/13/2009	Parts	0		
02/26/2009	Parts	0		
03/04/2009	Parts	0		
04/16/2009	Parts	0		
05/06/2009	Parts	0		
08/05/2009	Parts	0		
10/26/2009	Parts	0		
11/03/2009	Parts	0		
12/17/2009	Parts	0		
12/18/2009	Parts	0		
12/18/2009	Parts	0		
12/18/2009	Parts	0		

12/22/2009	Parts	0		
12/29/2009	Parts	0		
01/11/2010	Parts	0		
01/21/2010	Parts	0		
01/28/2010	Parts	0		
01/29/2010	Parts	0		
03/10/2010	Parts Credit	0		
04/20/2010	Parts	0		
04/21/2010	Parts	0		
04/29/2010	Parts	0		
04/30/2010	Parts	0		
05/06/2010	Parts	0		
05/20/2010	Parts	0		
05/24/2010	Parts	0		
06/05/2010	Service	5366	TRAVEL TO/FROM MACHINE	
06/05/2010	Service	5366	TROUBLESHOOT ELECTRICAL SYSTEM	COMPLAINT: OIL PRESSURE WARNING LIGHT ON . CAUSE: WRONG SENSOR CONNECTED TO OIL PRESSURE PORT. COMPLICATION: HC4- HC5 CORRECTION: CONNECTED CAT E T AND FOUND -144 PSI ON OIL PRESSURE. THEN INVALID READING ON STATUS SCREEN. CHECKED ACT. OIL PRESSURE AND FOUND 91 PSI. CHECKED SENSORS AND FOUND WRONG SENSOR IN OIL PORT. ORDERED CORRECT SENSOR AND ADAPTER .INSTALLED SENSOR AND FOUND OIL PRESSURE DISPLAYED ON STATUS SCREEN. HAD ONE EVENT CODE FOR ALT NOT CHARGING. CHECKED AND FOUND ALT. PUTTING OUT 27V. AND DISPLAYING THIS ON STATUS SCREEN EM SAT FAULT . CUSTOMER DOSEN'T WANT TO FIX THIS NOW..
06/18/2010	Parts	0		
07/02/2010	Service	5429	REPROGRAM/FLASH SERVICE MNGMT CONTROL SYS	COMPLAINT: MONITOR BLANK CAUSE: CUSTOMER HAD REPLACED THE MONITOR COMPLICATION: HC4, HC5 CORRECTION: DOWNLOADED FLASH FILES FROM CATERPILLAR, FLASHED THE MONITOR AND RE-FLASHED THE ENGINE. MACHINE STARTS AND RUNS GOOD, NO ACTIVE FAULTS.
07/26/2010	Parts	0		
07/27/2010	Parts Credit	0		
08/02/2010	Parts	0		
12/29/2010	Service	4735	REMOVE AND INSTALL TRACK SHOES	COMPLAINT: CUSTOMER REQUESTED NEW SHOES & HARDWARE ***** CAUSE: SHOES ARE WORN OUT ***** CORRECTION: REMOVED AND INSTALLED NEW SHOES & HARWARE ***** COMPLICATIONS: ONE BOX LINK WAS BROKEN AND COULD NOT BE REUSED WHICH IS THE PART ON SEGMENT 02 ***** JOB COMPLETE
12/29/2010	Service	4735	VEHICLE MAINTENANCE MACHINE	
01/31/2011	Service	5737	TROUBLESHOOT ENGINE	COMPLAINT- ENGINE MISSING AND RUNNING ROUGH AT START UP ONLY ----- CAUSE- TROUBLESHOT ENGINE. RAN MACHINE. FOUND NO ISSUES WITH ENGINE AFTER ENGINE WARMS UP. RAN CYLINDER CUTOUT TEST- ALL CYLINDERS FIRING. SPOKE WITH CUSTOMER. RECOMMENDED NO ACTION AT THIS TIME DUE TO THE NATURE OF THE HEUI SYSTEM ON THE C9 ENGINE. CUSTOMER CALLED BACK ON 1/27 AND REQUESTED TECHNICIAN RETURN. ----- CORRECTION- RAN CYLINDER CUTOUT TEST AGAIN- ALL CYLINDERS FIRING. SPOKE WITH CUSTOMER ABOUT MACHINE. CUSTOMER REQUESTED ECM DOWNLOADS FROM ENGINE. DOWNLOADED ECM AND EMAILED CUSTOMER. TROUBLESHOT MONITOR- MONITOR NOT SHOWING GEAR AND DIRECTION ICONS. REFLASHED TRANSMISSION ECM. TEST RAN MACHINE- WORKING PROPERLY.
03/07/2011	Service	4735	REPAIR FOR WARRANTY: SERVICE LTR AUTHORIZATION	PERFORMED P551728 FOR REPAIRING CRACKS IN THE REAR TRACK ROLLER FRAMES ON CERTAIN D6R TRACK-TYPE TRACTORS
03/07/2011	Service	4735	REPAIR FOR WARRANTY: SERVICE LTR AUTHORIZATION	PERFORMED P551728 FOR REPAIRING CRACKS IN THE REAR TRACK ROLLER FRAMES ON CERTAIN D6R TRACK-TYPE TRACTORS
03/07/2011	Service	4735	VEHICLE MAINTENANCE UNDERCARRIAGE COMPLETE	REPAIRED CRACKS IN THE REAR TRACK ROLLER FRAMES
10/27/2011	Service	5740	INSTALL RIPPER	COMPLAINT- INSTALL RIPPER 10/27/11 5740 HOU CAUSE - NO RIPPER ON TRACTOR CORRECTION - REMOVE DRAWBAR , REMOVE REAR COVER INSTALL NEW REAR COVER , INSTALL MOUNTING BLOCKS FOR RIPPER, INSTALL RIPPER , INSTALL HOSES AND SUPPORTS FOR LIFT CYLINDER , REMOVE SEAT FROM CAB REMOVE RIGHT PANEL , REMOVE PLATE OVER CONTROL VALVE , DRAIN HYDRAULIC OIL , REMOVE FLOOR PAN REMOVE SIDE COVER, REMOVE CONTROL VALVE STACK RODS , REMOVE TOP SECTION AND INSTALL RIPPER SECTION , INSTALL LONGER STACK RODS AND NUTS TORQUE NUTS, INSTALL HOSES AND CLAMPS, INSTALL RIPPER PILOT CONTROL VALVE , CONNECT HOSES , FILL WITH HYDRAULIC OIL AND OPERATE MACHINE. INSTALL COVERS, FLOOR PLATE, CONSOLE COVER , SEAT , COMPLICATIONS: VALVE WAS PACKED WITH DIRT THAT HAD TO BE DUG OUT. HAD TO RETAP HOLES WHERE THE RIPPER MOUNTS DUE TO DIRT AND RUST COMPACTION. JOB COMPLETE:

10/27/2011	Service	5740	REPAIR HYDRAULIC SYSTEM	COMPLAINT HYDRAULIC LEAK CAUSE HYDRAULIC FILTER COVER GASKET CORRECTION REMOVE HYDRAULIC FILTER HOUSING COVER AND CLEAN GASKET , REINSTALL COVER AND CHECK
10/27/2011	Service	5740	TROUBLESHOOT FUEL LEVEL GAUGE/DIPSTICK	COMPLAINT FUEL SENDER CAUSE SENDER BAD CORRECTION REMOVE AND REPLACE FUEL SENDING UNIT.
10/27/2011	Service	0	TRANSPORT MACHINE	
11/01/2011	Service Credit	5740	INSTALL RIPPER	COMPLAINT- INSTALL RIPPER 10/27/11 5740 HOU CAUSE - NO RIPPER ON TRACTOR CORRECTION - REMOVE DRAWBAR , REMOVE REAR COVER INSTALL NEW REAR COVER , INSTALL MOUNTING BLOCKS FOR RIPPER, INSTALL RIPPER , INSTALL HOSES AND SUPPORTS FOR LIFT CYLINDER , REMOVE SEAT FROM CAB REMOVE RIGHT PANEL , REMOVE PLATE OVER CONTROL VALVE , DRAIN HYDRAULIC OIL , REMOVE FLOOR PAN REMOVE SIDE COVER, REMOVE CONTROL VALVE STACK RODS, REMOVE TOP SECTION AND INSTALL RIPPER SECTION, INSTALL LONGER STACK RODS AND NUTS TORQUE NUTS, INSTALL HOSES AND CLAMPS, INSTALL RIPPER PILOT CONTROL VALVE , CONNECT HOSES, FILL WITH HYDRAULIC OIL AND OPERATE MACHINE. INSTALL COVERS, FLOOR PLATE, CONSOLE COVER , SEAT , COMPLICATIONS: VALVE WAS PACKED WITH DIRT THAT HAD TO BE DUG OUT. HAD TO RETAP HOLES WHERE THE RIPPER MOUNTS DUE TO DIRT AND RUST COMPACTION. JOB COMPLETE:
11/01/2011	Service Credit	5740	REPAIR HYDRAULIC SYSTEM	COMPLAINT HYDRAULIC LEAK CAUSE HYDRAULIC FILTER COVER GASKET CORRECTION REMOVE HYDRAULIC FILTER HOUSING COVER AND CLEAN GASKET , REINSTALL COVER AND CHECK
11/01/2011	Service Credit	5740	TROUBLESHOOT FUEL LEVEL GAUGE/DIPSTICK	COMPLAINT FUEL SENDER CAUSE SENDER BAD CORRECTION REMOVE AND REPLACE FUEL SENDING UNIT.
11/01/2011	Service Credit	0	TRANSPORT MACHINE	
11/02/2011	Service	5740	REPAIR HYDRAULIC SYSTEM	COMPLAINT HYDRAULIC LEAK CAUSE HYDRAULIC FILTER COVER GASKET CORRECTION REMOVE HYDRAULIC FILTER HOUSING COVER AND CLEAN GASKET , REINSTALL COVER AND CHECK
11/02/2011	Service	5740	TROUBLESHOOT FUEL LEVEL GAUGE/DIPSTICK	COMPLAINT FUEL SENDER CAUSE SENDER BAD CORRECTION REMOVE AND REPLACE FUEL SENDING UNIT.
11/07/2011	Service	5740	TRANSPORT MACHINE	GLENN DUPLANTIS SAYS TO BILL THIS JOB TO THE RIPPER SERIAL NUMBER
11/07/2011	Service	5740	INSTALL RIPPER	INSTALL RIPPER 10/27/11 5740 HOURS REMOVED DRAWBAR, REMOVED REAR COVER, INSTALLED NEW REAR COVER, INSTALLED MOUNTING BLOCKS FOR RIPPER, INSTALLED RIPPER, INSTALLED HOSES AND SUPPORTS FOR LIFT CYLINDERS, REMOVED SEAT FROM CAB REMOVED RIGHT PANEL, REMOVED PLATE OVER CONTROL VALVE, DRAINED HYDRAULIC OIL, REMOVED FLOOR PAN, REMOVED SIDE COVER, REMOVED CONTROL VALVE STACK RODS, INSTALLED LONGER STACK RODS AND NUTS, TORQUED NUTS, INSTALLED HOSES AND CLAMPS, INSTALLED RIPPER PILOT CONTROL VALVE, CONNECT HOSES, FILLED WITH HYDRAULIC OIL AND OPERATED MACHINE, INSTALLED COVERS, FLOOR PLATE, CONSOLE COVER, SEAT, COMPLICATIONS: VALVE WAS PACKED WITH DIRT THAT HAD TO BE DUG OUT, HAD TO RETAP HOLES WHERE THE RIPPER MOUNTS DUE TO DIRT AND RUST COMPACTION. JOB COMPLETE
06/05/2012	Parts	0		
06/05/2012	Parts	0		
04/02/2013	Service	0	RESEAL TRACK ADJUSTER	RESEAL TRACK ADJUSTER RESEAL TRACK ADJUSTER A537 GRAY HARVILLE LISPAYD * AFTER LETTING THE MACHINE SIT WE FOUND THAT THE ADJUSTER WAS LEAKING AND RESEALED IT MACHINE LEFT WITH NO OTHER ISSUES
05/30/2013	Service	0	REMOVE AND INSTALL TRACK ASSEMBLY	R&I TRACKS.
05/30/2013	Service	0	REMOVE AND INSTALL TRACK ROLLER(S)	TRACK ROLLERS
05/30/2013	Service	0	REMOVE AND INSTALL SPROCKET SEGMENT	SPROCKET SEGMENTS
05/30/2013	Service	0	REMOVE AND INSTALL IDLER/IDLER WHEEL	REPLACE IDLERS
05/30/2013	Service	0	REMOVE AND INSTALL TRACK ASSEMBLY	R&I TRACKS.
05/30/2013	Service	0	REMOVE AND INSTALL TRACK ROLLER(S)	TRACK ROLLERS
05/30/2013	Service	0	REMOVE AND INSTALL SPROCKET SEGMENT	SPROCKET SEGMENTS
05/30/2013	Service	0	REMOVE AND INSTALL IDLER/IDLER WHEEL	REPLACE IDLERS
05/30/2013	Service	0	RESEAL TRACK ROLLER FRAME	RECOIL ASSEMBLY RIGHT AND LEFT.
05/30/2013	Service	0	TRANSPORT MACHINE	
09/13/2013	Service	6740	REPAIR FOR WARRANTY: ALTERNATOR	HOLD FOR POSSIBLE WARRANTY 1 - 10R9789 ALTERNATOR FAILURE: STOPPED CHARGING MACHINE INSTALLED 6018HRS / FAILED 6740HRS. REF DOC MSC560382 1/16/13
09/13/2013	Service	6740	REPAIR FOR WARRANTY: ALTERNATOR	HOLD FOR POSSIBLE WARRANTY 1 - 10R9789 ALTERNATOR FAILURE: STOPPED CHARGING MACHINE INSTALLED 6018HRS / FAILED 6740HRS. REF DOC MSC560382 1/16/13
08/09/2014	Parts	0		
08/23/2014	Service	7301	CHECK LUBE LEVEL MACHINE	TAKE OIL SAMPLES, LOOK OVER MACHINE AND LIST ANY NEEDED REPAIRS REPLACE RIGHT SECTION OF ENGINE DOOR.

08/23/2014	Service	7301	VALVE JOB MACHINE	DROP BELLY PANS AND CLEAN AS NEEDED. YY CUSTOMER COMPLAINT: CLEAN MACHINE AND REMOVE AND INSTALL BELLY PANS. REPAIR PROCESS COMMENTS: REMOVED BELLY PANS THAN PRESSURE WASHED OUTSIDE OF MACHINE. CLEANED INSIDE OF MACHINE. I THAN CHECKED FOR ANY LEAKS UNDERNEATH OF MACHINE. I THAN REINSTALLED BELLY PANS. REMOVED A BROKEN BOLT FROM LEFT SIDE COVER AND ORDER A NEW ONE FOR RIGHT SIDE. THANKS BILL FEITH.
08/23/2014	Service	7301	PERFORM ANNUAL MAINTENANCE	CHANGE ALL OILS BUT THE HYDRULIC, CHANGE ALL FILTERS INCLUDING CAB FILTERS. YY CUSTOMER COMPLAINT: JUST BOUGHT THE MACHINE AND DID NOT KNOW WHEN LAST OIL CHANGE WAS. SOS SAMPLES WERE NOT GOOD SO A 2000 HOUR SERVICE WAS DONE. CAUSE OF FAILURE: N/A RESULTANT DAMAGE: ALL OILS WAS CHANGED EXCEPT HYDRAULIC OIL AND ALL FILTERS WERE CHANGED. REPAIR PROCESS COMMENTS: FIRST DRAINED THE ENGINE AND TRANSMISSION OIL. THEN PULLED ALL THREE SUCTION SCREENS AND MADE SURE THERE WAS NOTHING IN THEM. ALL THREE WERE CLEAN SO PUT THEM BACK IN WITH NEW SEALS. THEN REMOVED ALL THE FILTERS AND REPLACED THEM WITH NEW FILTER. THEN FILLED THE ENGINE AND TRANSMISSION AND STARTED THE MACHINE. THEN TOPPED OFF THE ENGINE AND TRANSMISSION OIL. AFTER THAT DROVE THE MACHINE FORWARD AND DRAINED THE LEFT FINAL DRIVE. AFTER THE FINAL DRIVE WAS DONE DRAINING I FILLED IT UP WITH OIL. THEN DROVE THE DOZER FORWARD SOME MORE AND DRAINED THE RIGHT FINAL DRIVE. AFTER THE FINAL DR
08/23/2014	Service	7301	REMOVE AND INSTALL RADIATOR	AND A/C CONDENSER CLEAN AND REINSTALL FIX LEAKING LINES, MISSING PINS IN BELLY PANS CHECK OVER MACHINE. YY CUSTOMER COMPLAINT: THE RADIATOR WAS PLUGGED WITH DIRT. CAUSE OF FAILURE: N/A RESULTANT DAMAGE: ALL THE RADIATOR CORES HAD TO BE PULLED OUT OF THE MACHINE AND WASHED EXTENSIVELY. REPAIR PROCESS COMMENTS: FIRST DRAINED THE COOLANT OUT OF THE MACHINE AND THE COOLANT LOOKED LIKE IT WAS EXTENDED LIFE COOLANT AND PLAIN COOLANT MIX. THEN REMOVED ALL THE OLD HOSES FROM THE TOP OF THE RADIATOR. THEN HAD TO REMOVE THE HOOD, AND ALL THE SIDE PANELS OFF THE DOZER. NEXT REMOVED THE TOP RADIATOR TANK AND THE TOP SECTION FOR THE SAND GUARD. THEN REMOVED THE HOLD DOWN PLATE FROM THE TOP OF THE RADIATOR CORES. NEXT REMOVED THE RADIATOR CORE OUT OF THE MACHINE AND FOUND WERE ONE OF THE CORES HAD A SMALL LEAK. THEN WASHED EACH CORE OUT MULTIPLE TIMES UNTIL THE WATER CAME OUT CLEAN. THEN INSTALLED THE CORES INTO THE MACHINE WITH ONE NEW CORE AND PUT THE
08/23/2014	Service	7301	REPAIR RIPPER LIFT CYLINDER	PIN LOCK WORKED LOOSE PIN 1/2 WAY OUT. YY CUT WELD OFF OF PIN AND REINSTALL PIN IN CORECT POSITION AND INSTALLED LOCK.
08/23/2014	Service	7301	RESEAL ROLLER FRAME PIVOT SHAFT	WELD AND BORE SEAL AREA. YY CUSTOMER COMPLAINT: THE SEAL ON THE PIVOT SHAFT WAS LEAKING. CAUSE OF FAILURE: THE SEAL ON THE PIVOT SHAFT WAS LEAKING. RESULTANT DAMAGE: THE ROLLER FRAME HAD TO BE REMOVED FROM THE MACHINE AND WELDED AND MACHINE THE HOLE BACK DOWN. REPAIR PROCESS COMMENTS: FIRST HAD TO REMOVE THE BLADE AND JACK THE MACHINE OFF THE GROUND. THEN BROKE THE TRACKS AND REMOVED THE TRACKS FROM THE MACHINE. AFTER THAT REMOVED THE ROLLER FRAME FROM THE RIGHT SIDE OF THE MACHINE AND TOOK IT BACK TO THE WELD SHOP. AFTER THE WELD SHOP WAS DONE WITH THE HOLE I BROUGHT THE ROLLER FRAME BACK UP TO THE MACHINE. THEN INSTALLED THE ROLLER FRAME BACK ONTO THE MACHINE AND INSTALLED THE TRACK BACK ONTO THE MACHINE. THEN LOWERED THE MACHINE BACK TO THE GROUND AND INSTALLED THE BLADE. THEN PARKED THE MACHINE ON THE FRONT LINE. BILLY FEITH WELDED UP THE SEAL AREA AND REBORED TO SPEC.
09/10/2014	Service	7302	INSTALL PRODUCT LINK SYSTEM 321	CUSTOMER COMPLAINT: MACHINE DID NOT HAVE PRODUCE LINK INSTALLED ON IT. CAUSE OF FAILURE: THE MACHINE CAME FROM THE FACTOR WITH OUT PRODUCT LINK. RESULTANT DAMAGE: PRODUCT LINK HAD TO BE INSTALLED. REPAIR PROCESS COMMENTS: FIRST REWIRED THE PRODUCT LINK ECM WIRING HARNESS TO MATCH THE MACHINE WIRING HARNESS. THEN INSTALLED THE PRODUCT LINK ECM BEHIND THE SEAT AND WIRED THE ECM UP. NEXT INSTALLED THE ANTI BEHIND THE CAB AND CONNECTED UP THE WIRING HARNESS FOR IT. AFTER THAT INSTALLED THE FLASH FILE INTO THE PRODUCT LINK ECM. THEN HAD JERRY EMAIL ALL THE INFORMATION TO DERRICK STARR. AFTER THAT PARKED THE MACHINE ON THE FRONT LINE.
09/10/2014	Service	7302	INSTALL PRODUCT LINK SYSTEM 321	

				STARTING PROBLEM YY CUSTOMER COMPLAINT: I TRIED TO START THE MACHINE, BUT THE BATTERIES WERE DEAD. REPAIR PROCESS COMMENTS: I CHECKED THE CHARGE ON THE BATTERIES AND THEY WERE DEAD. I TRIED TO CHARGE THE BATTERIES, BUT THEY WOULDN'T TAKE A CHARGE. I DETERMINED THE BATTERIES WERE BAD. I REPLACED THE OLD BATTERIES WITH NEW ONES. I INSTALLED A NEW BRACKET THAT HOLDS THE BATTERIES DOWN BECAUSE THE OLD BRACKET WAS MISSING. ONE OF THE BATTERY CABLE ENDS WAS CRACKED, SO I CUT IT OFF AND INSTALLED A NEW END. I ATTACHED THE BATTERY CABLES AND THEN STARTED THE MACHINE. THE MACHINE STARTED FINE.
11/26/2014	Service	7304	REPAIR STARTING SYSTEM	
				REPAIR A/C CONTROL KNOB & LOUVERS YY CUSTOMER COMPLAINT: THE DASH HAD TWO MISSING LOUVERS AND THE TEMPERATURE CONTROL KNOB WAS MISSING. REPAIR PROCESS COMMENTS: I REMOVED THE DASH AND INSTALLED TWO NEW SIDE LOUVERS. I ALSO INSTALLED A NEW TEMPERATURE CONTROL KNOB FOR THE HEATER CONTROL.
11/26/2014	Service	7304	REPAIR AIR CONDITIONER	
				CUSTOMER COMPLAINT: INSTALL NEW RADIO. REPLACE WIPER BLADES. REPAIR SEAT SLIDES. REPAIR PROCESS COMMENTS: I INSTALLED A NEW RADIO. REPLACED THE FRONT WIPER BLADE AND BOTH DOOR WIPER BLADES. THE SEAT WAS ROCKING BACK AND FORTH, SO I REMOVED IT AND FOUND THAT TWO OF THE SLIDES WERE MISSING. I INSTALLED TWO NEW SLIDES AND THEN INSTALLED THE SEAT.
12/17/2014	Service	7305	INSTALL RADIO (AM/FM)	
				CUSTOMER COMPLAINT: REMOVE THE RIPPER AND INSTALL DRAW BAR. REPAIR PROCESS COMMENTS: I STARTED TO REMOVE THE RIPPER BY PULLING THE PINS FIRST, BUT THE PINS WERE RUSTED IN THE BORES. I HAD TO USE A PRESS TO PRESS OUT SOME OF THE PINS. I SET THE RIPPER ON A PALLET AND THE DISCONNECTED THE HYDRAULIC LINES AND CAPPED THEM OFF. I REMOVED THE BRACKET OFF OF THE BACK OF THE MACHINE. I THEN INSTALLED THE DRAW BAR.
12/17/2014	Service	7305	REMOVE AND INSTALL RIPPER	
				CUSTOMER COMPLAINT: CHECK HEATER AND A/C. REPAIR PROCESS COMMENTS: I CHECKED THE A/C AND IT WORKED FINE. I WARMED THE ENGINE AND THEN CHECKED THE HEATER. THE HEATER DID NOT WORK. I CHECKED THE WATER VALVES ON THE ENGINE TO SEE IF THEY WERE TURNED ON. ONE OF THE VALVES WAS OFF. I TURNED IT ON AND THEN CHECKED THE HEATER. THE HEATER WORKED FINE.
12/17/2014	Service	7305	CHECK LUBE LEVEL VEHICLE LIGHTING SYSTEM	
12/17/2014	Service	7305	REPAIR RADIATOR GUARD	
12/24/2014	Parts	0		
12/31/2014	Parts	0		
12/31/2014	Parts	0		
				COMPLAINT: LOW OIL PRESSURE LIGHT ON YY CUSTOMER COMPLAINT: LOW ENGINE OIL PRESSURE AND FUEL DILUTION CAUSE OF FAILURE: NUMBER 6 INJECTOR IS BAD RESULTANT DAMAGE: INJECTOR LEAKING FUEL INTO THE ENGINE OIL. REPAIR PROCESS COMMENTS: DROVE TO THE MACHINE AND TALKED WITH THE CUSTOMER. I CHECKED THE ENGINE OIL LEVEL AND IT WAS 2 GALLON OVER FULL. I PUT A GAUGE ON THE MACHINE FOR OIL PRESSURE AND RAN THE MACHINE. THE MACHINE WAS LOW ON ENGINE OIL BECAUSE THE OIL WAS SO DILUTED. THE CUSTOMER BROUGHT THE MACHINE TO THE MOBERLY STORE TO BE REPAIRED. I REMOVED THE AIR BOX AND REMOVED THE VALVE COVER. I PUT DYE IN THE FUEL AND CHECKED FOR LEAKAGE. I FOUND THE NUMBER 6 INJECTOR WAS LEAKING FUEL OUT OF THE TOP. THANKS CHRIS.
04/09/2015	Service	7329	TROUBLESHOOT OIL PRESSURE SENSOR	
				CUSTOMER COMPLAINT: LOW ENGINE OIL PRESSURE AND FUEL DILUTION CAUSE OF FAILURE: NUMBER 6 INJECTOR IS BAD RESULTANT DAMAGE: INJECTOR LEAKING FUEL INTO THE ENGINE OIL. REPAIR PROCESS COMMENTS: I REMOVED THE INJECTOR FROM THE MACHINE AND CLEANED THE INJECTOR BORE. I SUCTIONED OUT THE NUMBER 6 CYLINDER AND INSTALLED A NEW INJECTOR. I PUT THE TRIM CODES IN FOR THE INJECTOR. I INSTALLED THE VALVE COVER AND THE AIR BOX BACK ONTO THE MACHINE. I DRAINED THE OIL OUT OF THE MACHINE AND FILLED IT WITH NEW. I INSTALLED A NEW FILTER ON THE MACHINE AND TESTED THE OPERATION. I HAD GOOD OIL PRESSURE AND THE MACHINE WAS RUNNING FINE. THANKS CHRIS.
04/09/2015	Service	7329	REPAIR FOR WARRANTY: OIL PRESSURE SENSOR	
				COMPLAINT: LOW OIL PRESSURE LIGHT ON YY CUSTOMER COMPLAINT: LOW ENGINE OIL PRESSURE AND FUEL DILUTION CAUSE OF FAILURE: NUMBER 6 INJECTOR IS BAD RESULTANT DAMAGE: INJECTOR LEAKING FUEL INTO THE ENGINE OIL. REPAIR PROCESS COMMENTS: DROVE TO THE MACHINE AND TALKED WITH THE CUSTOMER. I CHECKED THE ENGINE OIL LEVEL AND IT WAS 2 GALLON OVER FULL. I PUT A GAUGE ON THE MACHINE FOR OIL PRESSURE AND RAN THE MACHINE. THE MACHINE WAS LOW ON ENGINE OIL BECAUSE THE OIL WAS SO DILUTED. THE CUSTOMER BROUGHT THE MACHINE TO THE MOBERLY STORE TO BE REPAIRED. I REMOVED THE AIR BOX AND REMOVED THE VALVE COVER. I PUT DYE IN THE FUEL AND CHECKED FOR LEAKAGE. I FOUND THE NUMBER 6 INJECTOR WAS LEAKING FUEL OUT OF THE TOP. THANKS CHRIS.
04/09/2015	Service	7329	TROUBLESHOOT OIL PRESSURE SENSOR	

04/09/2015	Service	7329	REPAIR FOR WARRANTY: OIL PRESSURE SENSOR	CUSTOMER COMPLAINT: LOW ENGINE OIL PRESSURE AND FUEL DILUTION CAUSE OF FAILURE: NUMBER 6 INJECTOR IS BAD RESULTANT DAMAGE: INJECTOR LEAKING FUEL INTO THE ENGINE OIL REPAIR PROCESS COMMENTS: I REMOVED THE INJECTOR FROM THE MACHINE AND CLEANED THE INJECTOR BORE. I SUCTIONED OUT THE NUMBER 6 CYLINDER AND INSTALLED A NEW INJECTOR. I PUT THE TRIM CODES IN FOR THE INJECTOR. I INSTALLED THE VALVE COVER AND THE AIR BOX BACK ONTO THE MACHINE. I DRAINED THE OIL OUT OF THE MACHINE AND FILLED IT WITH NEW. I INSTALLED A NEW FILTER ON THE MACHINE AND TESTED THE OPERATION. I HAD GOOD OIL PRESSURE AND THE MACHINE WAS RUNNING FINE. THANKS CHRIS.
04/09/2015	Service	7329	CALIBRATE STEERING CLUTCH AND BRAKE	CUSTOMER COMPLAINT: BRAKES ARE TO AGGRESSIVE CAUSE OF FAILURE: OUT OF CALIBRATION RESULTANT DAMAGE: BRAKES ARE TO AGGRESSIVE REPAIR PROCESS COMMENTS: JACKED THE MACHINE UP AND BROUGHT IT TO OPERATING TEMP. I HOOKED TO THE MACHINE WITH ET AND DID A BRAKE TOUCH UP CALIBRATION. I TESTED THE OPERATION OF THE BRAKES AND THEY WERE WORKING A LOT BETTER. THANKS CHRIS. I ALSO INSTALLED A TURBO AIR INLET SENSOR BECAUSE THE OLD ONE WAS NOT WORKING PROPERLY.
04/09/2015	Service	7329	TRAVEL TO/FROM MACHINE	
04/11/2015	Parts	0		
08/28/2015	Service	7340	TROUBLESHOOT OIL PRESSURE SENSOR	CUSTOMER COMPLAINT: ENGINE OIL PRESSURE LIGHT IS ON. CAUSE OF FAILURE: OIL PRESSURE SENSOR IS BAD. RESULTANT DAMAGE: SENSOR THROWING A CODE. REPAIR PROCESS COMMENTS: I DROVE TO THE MACHINE AND HOOKED UP WITH ET. I FOUND A CODE FOR OIL PRESSURE SENSOR VOLTAGE HIGH. I HOOKED UP A GAUGE AND CHECKED THE OIL PRESSURE AND IT WAS GOOD. I REMOVED THE SIDE PANEL FROM THE MACHINE AND REMOVED THE OIL PRESSURE SENSOR. I INSTALLED A NEW SENSOR AND INSTALLED THE SIDE PANEL. I RAN THE MACHINE AND THE LIGHT DID NOT COME BACK ON. I HOOKED BACK UP TO THE MACHINE AND CLEARED ALL OF THE CODES. THANKS CHRIS.
08/28/2015	Service	7340	REPAIR FOR WARRANTY: OIL PRESSURE SENSOR	CUSTOMER COMPLAINT: ENGINE OIL PRESSURE LIGHT IS ON. CAUSE OF FAILURE: OIL PRESSURE SENSOR WAS BAD. RESULTANT DAMAGE: SENSOR THROWING A CODE. REPAIR PROCESS COMMENTS: I DROVE TO THE MACHINE AND HOOKED UP WITH ET. I FOUND A CODE FOR OIL PRESSURE SENSOR VOLTAGE HIGH. I HOOKED UP A GAUGE AND CHECKED THE OIL PRESSURE AND IT WAS GOOD. I REMOVED THE SIDE PANEL FROM THE MACHINE AND REMOVED THE OIL PRESSURE SENSOR. I INSTALLED A NEW SENSOR AND INSTALLED THE SIDE PANEL. I RAN THE MACHINE AND THE LIGHT DID NOT COME BACK ON. I HOOKED BACK UP TO THE MACHINE AND CLEARED ALL OF THE CODES. THANKS CHRIS.
08/28/2015	Service	7340	TROUBLESHOOT OIL PRESSURE SENSOR	CUSTOMER COMPLAINT: ENGINE OIL PRESSURE LIGHT IS ON. CAUSE OF FAILURE: OIL PRESSURE SENSOR IS BAD. RESULTANT DAMAGE: SENSOR THROWING A CODE. REPAIR PROCESS COMMENTS: I DROVE TO THE MACHINE AND HOOKED UP WITH ET. I FOUND A CODE FOR OIL PRESSURE SENSOR VOLTAGE HIGH. I HOOKED UP A GAUGE AND CHECKED THE OIL PRESSURE AND IT WAS GOOD. I REMOVED THE SIDE PANEL FROM THE MACHINE AND REMOVED THE OIL PRESSURE SENSOR. I INSTALLED A NEW SENSOR AND INSTALLED THE SIDE PANEL. I RAN THE MACHINE AND THE LIGHT DID NOT COME BACK ON. I HOOKED BACK UP TO THE MACHINE AND CLEARED ALL OF THE CODES. THANKS CHRIS.
08/28/2015	Service	7340	REPAIR FOR WARRANTY: OIL PRESSURE SENSOR	CUSTOMER COMPLAINT: ENGINE OIL PRESSURE LIGHT IS ON. CAUSE OF FAILURE: OIL PRESSURE SENSOR WAS BAD. RESULTANT DAMAGE: SENSOR THROWING A CODE. REPAIR PROCESS COMMENTS: I DROVE TO THE MACHINE AND HOOKED UP WITH ET. I FOUND A CODE FOR OIL PRESSURE SENSOR VOLTAGE HIGH. I HOOKED UP A GAUGE AND CHECKED THE OIL PRESSURE AND IT WAS GOOD. I REMOVED THE SIDE PANEL FROM THE MACHINE AND REMOVED THE OIL PRESSURE SENSOR. I INSTALLED A NEW SENSOR AND INSTALLED THE SIDE PANEL. I RAN THE MACHINE AND THE LIGHT DID NOT COME BACK ON. I HOOKED BACK UP TO THE MACHINE AND CLEARED ALL OF THE CODES. THANKS CHRIS.
08/28/2015	Service	7340	TRAVEL TO/FROM MACHINE	
09/04/2015	Parts	0		
12/22/2015	Service	7393	UPDATE OR MODIFY	PWT & HYD EXTENDED WARRANTY - 12MO/500HR START DATE: 12/17/15 END SMU: 7893
12/22/2015	Service	7393	UPDATE OR MODIFY	PWT & HYD EXTENDED WARRANTY - 12MO/500HR START DATE: 12/17/15 END SMU: 7893
12/31/2015	Parts	0		
01/04/2016	Service	7400	TROUBLESHOOT TRANSMISSION SHIFT LINKAGE	CUSTOMER COMPLAINT: THE TRANS IS THROWING SEVERAL CODES ONE FOR THE UP SHIFT DOWN SHIFT AND THE OTHER IS FOR THE DIRECTIONAL SWITCH. CAUSE OF FAILURE: SWITCHES ARE BAD RESULTANT DAMAGE: CODING AND SHIFTING ITSELF TO NEUTRAL REPAIR PROCESS COMMENTS: I DROVE TO THE MACHINE AND SPOKE WITH THE CUSTOMER ABOUT THE ISSUES HE WAS HAVING. I REMOVED THE SEAT AND THE LEFT SIDE CONSOLE FROM THE MACHINE. I CHECKED THE WIRING AND IT WAS ALL IN GOOD SHAPE. I REMOVED THE DIFF STEER HANDLE FROM THE MACHINE IN ORDER TO PUT NEW SWITCHES IN IT. I REMOVED THE OLD SWITCHES FROM THE MACHINE AND INSTALLED NEW ONES. I PUT IN THE DIRECTIONAL SWITCH. UP SHIFT DOWNSHIFT, AND THE REVERSE SWITCH BECAUSE THE HAD ALL THROWN A CODE AT ONE POINT. I PUT THE HANDLE BACK INTO THE MACHINE AND REASSEMBLED THE CAB. I RAN THE MACHINE TO CHECK FOR CODES AND EVERYTHING IS WORKING FINE. THANKS CHRIS





05/23/2016	Service	7474	DISASSEMBLE FUEL SYSTEM	COMPLAINT: FUEL DILUTION YY CUSTOMER COMPLAINT: THE MACHINE HAS 14 PERCENT FUEL DILUTION. CAUSE OF FAILURE: THE INJECTOR ORINGS WERE BAD ON ALL INJECTORS RESULTANT DAMAGE: FUEL LEAKING PAST THE INJECTORS UNDER THE VALVE COVER. REPAIR PROCESS COMMENTS: THE CUSTOMER HAULED THE MACHINE TO THE MOBERLY STORE. I REMOVED THE AIR BOX FROM THE MACHINE AND REMOVED THE VALVE COVER. I RAN THE PRIMING PUMP AND COULD SEE FUEL LEAKING AROUND THE INJECTORS. I REMOVED ALL 6 INJECTORS AND INSTALLED NEW ORINGS. I SUCKED ALL OF THE FLUID OFF OF THE TOP OF THE PISTONS AND INSTALLED THE INJECTORS BACK INTO THE MACHINE. I INSTALLED THE VALVE COVER AND INSTALLED THE AIR BOX. I TEST RAN THE MACHINE AND IT WAS RUNNING FINE. I DRAINED THE ENGINE OIL AND INSTALLED NEW OIL AND A FILTER. THANKS CHRIS.
05/23/2016	Service	7474	REPAIR FUEL SYSTEM	CUSTOMER COMPLAINT: THE MACHINE HAS 14 PERCENT FUEL DILUTION. CAUSE OF FAILURE: THE INJECTOR ORINGS WERE BAD ON ALL INJECTORS RESULTANT DAMAGE: FUEL LEAKING PAST THE INJECTORS UNDER THE VALVE COVER. REPAIR PROCESS COMMENTS: I REMOVED THE INJECTOR AND INSTALLED NEW ORINGS ON THEM. I INSTALLED THE INJECTORS BACK INTO THE MACHINE AND CHANGED THE ENGINE OIL. THANKS CHRIS.
05/23/2016	Service	7474	REMOVE AND INSTALL ELECTRIC STARTING MOTOR	CUSTOMER COMPLAINT: THE MACHINE IS NOT TURNING OVER LIKE IT SHOULD BE. CAUSE OF FAILURE: THE STARTER IS DRAGGING. RESULTANT DAMAGE: THE MACHINE IS SLOW AT TURNING OVER REPAIR PROCESS COMMENTS: I TROUBLESHOT THE MACHINE AND FOUND THE STARTER IS NOT WORKING PROPERLY. I REMOVED THE LEFT SIDE PANNEL FROM THE MACHINE AND REMOVED THE MIDDLE BELLY PAN. I REMOVED THE WIRES FROM THE STARTER AND REMOVED THE STARTER FROM THE MACHINE. I INSTALLED THE NEW STARTER WITH A NEW GASKET AND TORQUED THE BOLTS TO SPEC. I HOOKED UP THE WIRES AND INSTALLED THE BELLY PAN BACK ONTO THE MACHINE. I INSTALLED THE SIDE PANEL AND TESTED THE OPERATION OF THE STARTER. THE MACHINE IS STARTING FINE NOW. THANKS CHRIS.
05/23/2016	Service	7474	TRAVEL TO/FROM MACHINE	
08/17/2016	Parts	0		
08/17/2016	Parts Credit	0		
08/23/2016	Parts	0		
12/29/2017	Parts	0		
12/29/2017	Parts	0		
05/10/2019	Parts	0		
05/16/2019	Parts	0		
05/16/2019	Parts	0		
05/16/2019	Parts	0		
09/11/2020	Service	7708	UNLOAD AND BLOCK VEE BELT(S)	PARTS ORDERED BY CHRIS AND SENT TO MOBERLY ----- ----- CUSTOMER COMPLAINT THE MACHINE NEEDS NEW BELTS INSTALLED ----- CAUSE OF FAILURE A/C BELT BROKE ----- CORRECTION I DROVE TO THE MACHINE. I REMOVED THE RIGHT SIDE PANELS. I TOOK THE HYD OIL COOLER LOOSE AND REMOVED THE UPPER RIGHT FAN GUARD. I REMOVED THE FAN BELTS AND THE ALTERNATOR BELT FROM THE MACHINE. I INSTALLED A NEW ALTERNATOR BELT AND A NEW A/C COMPRESSOR BELT. I INSTALLED NEW FAN BELTS AND SET TENSION ON ALL OF THE BELTS. I INSTALLED THE FAN GUARD AND INSTALLED THE OIL COOLER BACK ONTO THE MACHINE. I RAN THE MACHINE AND TESTED THE OPERATION OF THE A/C. ALL OF THE BELTS WERE GOOD AND KEPT GOOD TENSION AFTER RUNNING. I INSTALLED THE SIDE PANELS BACK ONTO THE MACHINE AND RETURNED THE MACHINE TO SERVICE. THANKS CHRIS ----- CONTINGENT DAMAGE IF ANY A/C COMPRESSOR BELT BROKE. THE CUSTOMER WANTED ALL
09/11/2020	Service	7708	TRAVEL TO/FROM MACHINE	DROVE TO THE MACHINE FROM THE MOBERLY STORE AND BACK
12/08/2020	Service	7734	INSPECT MACHINE	CHECKED OVER THE MACHINE AND FOUND NO OTHER ISSUES
12/08/2020	Service	7734	TROUBLESHOOT ENGINE	----- CUSTOMER COMPLAINT ENGINE CRANKS BUT WILL NOT START ----- CAUSE OF FAILURE FUEL RELIEF VALVE AND HEUI PUMP ----- CORRECTION DROVE TO THE MACHINE. HOOKED TO THE MACHINE WITH ET. FOUND SEVERAL CODES IN THE MACHINE FOR LOW FUEL PRESSURE. REMOVED THE FLOOR PLATE AND REMOVED THE RELIEF VALVE IN THE BACK OF THE HEAD. FOUND THE RELIEF VALVE HAD FAILED. I ALSO WAS SKEPTICAL OF THE HEUI PUMP. I ORDERED THE PARTS AND WENT BACK TO THE MACHINE. ----- - CONTINGENT DAMAGE IF ANY ----- COMPLICATIONS IF ANY -----

12/08/2020	Service	7734	REPAIR* ENGINE	<p>-----CUSTOMER COMPLAINT ENGINE CRANKS BUT WILL NOT START ----- CAUSE OF FAILURE RELIEF VAVLE AND HEUI PUMP -----</p> <p>CORRECTION RETURNED TO MACHINE WITH PARTS. INSTALLED THE NEW RELIEF VALVE INTO THE MACHINE AND TESTED IT. THE MACHINE STILL WOULD NOT START BUT WAS MAKING FUEL PRESSURE NOW. FOUND THE HEUI PUMP HAD FAILED. REMOVED THE SIDE PANELS AND REMOVED THE LINES FROM THE HEUI PUMP. REMOVED THE HEUI PUMP AND INSTALLED THE NEW ONE WITH A NEW MOUNTING SEAL. HOOKED UP ALL OF THE LINES AND PRE FILLED THE HEUI PUMP. TESTED THE MACHINE AND IT IS RUNNING FINE NOW WITH NO LEAKS. THANKS CHRIS ----- CONTINGENT DAMAGE IF ANY ----- COMPLICATIONS IF ANY -----</p>
12/08/2020	Service	7734	INSPECT MACHINE	CHECKED OVER THE MACHINE AND FOUND NO OTHER ISSUES
12/08/2020	Service	7734	TRAVEL TO/FROM MACHINE	DROVE TO THE MACHINE TWICE. ONCE TO TROUBLESHOOT AND THE OTHER TO REPAIR.
03/11/2021	Service	7741	PRODUCT PROGRAM UPDATE PRODUCT LINK SYSTEM 321	<p>PS46654 PL SL 3370S299YN ----- CUSTOMER COMPLAINT THE MACHINE NEEDS A PRODUCT LINK UPDATE. -----</p> <p>----- CAUSE OF FAILURE NA -----</p> <p>CORRECTION I DROVE TO THE MACHINE. I HOOKED TO THE MACHINE WITH ET AND PULLED A PSR. I FLASHED THE NETWORK MANAGER. I REMOVED THE OLD ANTENNA AND THE OLD RADIO FROM THE MACHINE. I INSTALLED AND FLASHED THE NEW RADIO AND INSTALLED A NEW ANTENNA. I SENT THE INFO OFF ON THE MACHINE TO HAVE IT REGISTERED. I RECEIVED A CONFIRMATION EMAIL THAT THE MACHINE HAD BEEN REGISTERED. THANKS CHRIS -----</p> <p>----- CONTINGENT DAMAGE IF ANY -----</p> <p>----- COMPLICATIONS IF ANY -----</p>
03/11/2021	Service	7741	WARRANTY INFORMATION FOR PRODUCT LINK SYSTEM 321	HAD SEVERAL ISSUES GETTING THE NETWORK MANAGER TO FLASH. I HAD TO CALL THE PRODUCT LINK HOTLINE AND HAVE THEM SEND A DUMP FILE TO BE ABLE TO FLASH THE NETWORK MANAGER. THANKS CHRIS
03/11/2021	Service	7741	TRAVEL TO/FROM MACHINE	DROVE TO AND FROM THE MACHINE
03/11/2021	Service	7741	PRODUCT PROGRAM UPDATE PRODUCT LINK SYSTEM 321	<p>PS46654 PL SL 3370S299YN ----- CUSTOMER COMPLAINT THE MACHINE NEEDS A PRODUCT LINK UPDATE. -----</p> <p>----- CAUSE OF FAILURE NA -----</p> <p>CORRECTION I DROVE TO THE MACHINE. I HOOKED TO THE MACHINE WITH ET AND PULLED A PSR. I FLASHED THE NETWORK MANAGER. I REMOVED THE OLD ANTENNA AND THE OLD RADIO FROM THE MACHINE. I INSTALLED AND FLASHED THE NEW RADIO AND INSTALLED A NEW ANTENNA. I SENT THE INFO OFF ON THE MACHINE TO HAVE IT REGISTERED. I RECEIVED A CONFIRMATION EMAIL THAT THE MACHINE HAD BEEN REGISTERED. THANKS CHRIS -----</p> <p>----- CONTINGENT DAMAGE IF ANY -----</p> <p>----- COMPLICATIONS IF ANY -----</p>
03/11/2021	Service	7741	WARRANTY INFORMATION FOR PRODUCT LINK SYSTEM 321	
03/11/2021	Service	7741	TRAVEL TO/FROM MACHINE	

### Fluid Analysis

Date	Hours	Compartment	Severity	Interpretation
02/03/2020	7,697	ENGINE	Action Required	FUEL DILUTION HAS NOT BEEN CORRECTED. LOW VISCOSITY ASA RESULT OF 8.0%% FUEL DILUTION. ALL OTHER DATA IS NORMAL. CHECK AND REPAIR SOURCE OF FUEL ENTRY. POSSIBLE CAUSES OF FUEL DILUTION ARE: LEAKING INJECTORS, INJECTOR O-RINGS, FAILED INJECTORS, FUEL TRANSFER PUMP, AND ENGINE OVERFUELING. OIL WAS CHG'D AT THIS TIME. RESAMPLE IMMEDIATELY AFTER ANY REPAIRS AND FLUID CHG FOR A BASELINE, AND AGAIN IN 100 HRS. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS. NOTE LENGTH OF TIME SINCE LAST SAMPLE TAKEN. CM
11/25/2019	7,642	ENGINE	Action Required	FUEL DILUTION HAS NOT BEEN CORRECTED. LOW VISCOSITY ASA RESULT OF 11.5% FUEL DILUTION. ALL OTHER DATA IS NORMAL. CHECK AND REPAIR SOURCE OF FUEL ENTRY. POSSIBLE CAUSES OF FUEL DILUTION ARE: LEAKING INJECTORS, INJECTOR O-RINGS, FAILED INJECTORS, FUEL TRANSFER PUMP, AND ENGINE OVERFUELING. CHANGE OIL AND FILTERS IF NOT ALREADY DONE. RESAMPLE IMMEDIATELY AFTER FLUID CHG FOR A BASELINE, AND AGAIN IN 100 HRS. CONSIDER SCHEDULED INSPECTION/REPAIR/OVERHAUL. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS. NOTE LENGTH OF TIME SINCE LAST SAMPLE TAKEN. CM

04/05/2018	7,628	ENGINE	Action Required	FUEL DILUTION HAS NOT BEEN CORRECTED. LOW VISCOSITY AS A RESULT OF 15.9% FUEL DILUTION. ALL OTHER DATA IS NORMAL. CHECK AND REPAIR SOURCE OF FUEL ENTRY. POSSIBLE CAUSES OF FUEL DILUTION ARE: LEAKING INJECTORS, INJECTOR O-RINGS, FAILED INJECTORS, FUEL TRANSFER PUMP, AND ENGINE OVERFUELING. CHANGE OIL AND FILTERS IF NOT ALREADY DONE. RESAMPLE IMMEDIATELY AFTER FLUID CHG FOR A BASELINE, AND AGAIN IN 100 HRS. CONSIDER SCHEDULED INSPECTION/REPAIR/OVERHAUL. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS. NOTE LENGTH OF TIME SINCE LAST SAMPLE TAKEN. EJROSS
11/16/2016	7,524	ENGINE	Monitor	FUEL WAS DETECTED IN THE OIL AT 6.0% DILUTION. WEAR METALS/INFRARED/WATER/GLYCOL RESULTS ARE ACCEPTABLE/NEGATIVE. IF REPAIRS WERE MADE FUEL MAYBE FROM LEFT OVER MEMORY IN THE SYSTEM. WHICH MAY TAKE UP TO 2/3 OIL CHANGE INTERVALS TO REMOVE ALL RESIDUAL TRACES. CHANGE OIL AND FILTER(S) IF YOU HAVE NOT ALREADY. RESAMPLE IN 100 HOURS. CONTINUE TO MONITOR THE OIL LEVEL FOR AN INCREASE & OIL PSI FOR A DECREASE. IF ANY FURTHER DIAGNOSIS/REPAIRS ARE RECOMMENDED.
04/15/2016	7,474	ENGINE	Action Required	FUEL WAS PRESENT IN OIL AT 14.8% DILUTION. FUEL DILUTION HAS DECREASED THE VISCOSITY TO A LOW SAE 30 WT. WEAR METAL ANALYSIS RESULTS ARE NORMAL. INFRARED ANALYSIS RESULTS ARE ACCEPTABLE. WATER/GLYCOL PHYSICAL TESTS ARE NEGATIVE. DIAGNOSIS/REPAIRS FOR A FUEL DILUTION PROBLEM IS RECOMMENDED. RESAMPLE AFTER ANY REPAIRS.
01/06/2016	7,424	ENGINE	Action Required	FUEL WAS AGAIN DETECTED IN OIL BUT HAS DROPPED TO 10.5% DILUTION. FUEL DILUTION HAS DECREASED THE VISCOSITY TO A SAE 30 WT. WEAR METAL ANALYSIS RESULTS ARE NORMAL. INFRARED ANALYSIS RESULTS ARE ACCEPTABLE. WATER/GLYCOL PHYSICAL TESTS ARE NEGATIVE. IF REPAIRS WERE MADE FUEL MAYBE FROM RESIDUAL MEMORY, CHANGE OIL/FILTER(S) TO FLUSH. IF NO REPAIRS, DIAGNOSIS/REPAIRS FOR A FUEL DILUTION PROBLEM IS RECOMMENDED. RESAMPLE AFTER ANY REPAIRS.
01/06/2016	7,424	FINAL DRIVE REAR LEFT	No Action Required	WEAR METAL ANALYSIS RESULTS ARE NORMAL. INFRARED ANALYSIS RESULTS ARE ACCEPTABLE. WATER PHYSICAL TESTS ARE NEGATIVE. PARTICLE COUNT IS ACCEPTABLE. RESAMPLE IN 500 HRS.
01/06/2016	7,424	FINAL DRIVE REAR RIGHT	No Action Required	WEAR METAL ANALYSIS RESULTS ARE NORMAL. INFRARED ANALYSIS RESULTS ARE ACCEPTABLE. WATER PHYSICAL TESTS ARE NEGATIVE. PARTICLE COUNT IS ACCEPTABLE. RESAMPLE IN 500 HRS.
01/06/2016	7,424	HYDRAULIC SYSTEM	Monitor	WEAR METAL ANALYSIS RESULTS ARE NORMAL. INFRARED/WATER/GLYCOL RESULTS ARE ACCEPTABLE. PARTICLE COUNT IS UNACCEPTABLE. CHANGE FILTER(S) IF YOU HAVE NOT ALREADY. RESAMPLE IN 250 HRS TO CONFIRM/MONITOR. CUT OPEN FILTER(S) AND INSPECT FOR PARTICLES/DEBRIS. MONITOR FOR ANY UNUSUAL PERFORMANCE/NOISES/VIBRATIONS. IF ANY DIAGNOSIS IS RECOMMENDED.
01/06/2016	7,424	TRANSMISSION POWER SHIFT	No Action Required	WEAR METAL ANALYSIS RESULTS ARE NORMAL. INFRARED ANALYSIS RESULTS ARE ACCEPTABLE. WATER/GLYCOL PHYSICAL TESTS ARE NEGATIVE. PARTICLE COUNT IS ACCEPTABLE. RESAMPLE IN 500 HRS.

## Configuration

Configuration Code	Price List	Description
2379318	MAC1	SWEEPS
2228755	MAC1	6SU XW GAUGE BULLDOZER, BASIC
2389559	MAC1	MOUNTING, CYLINDER
2274005	MAC1	CYLINDER, LIFT WITH LINES - RH
2274006	MAC1	CYLINDER, LIFT WITH LINES - LH
2141196	MAC1	SEAT, CLOTH, AIR SUSPENSION
2137064	MAC1	SCREEN, REAR
7G8975	MAC1	DRAWBAR, RIGID SHORT
1731852	MAC1	GRID, RADIATOR CORE PROTECTOR
2569988	MAC1	DRAINS, ECOLOGY, POWERTRAIN

1720964	MAC1	GUARD, RADIATOR, HINGED, HD
2503413	MAC1	GUARD, REAR TRACTOR
2235373	MAC1	GUARD, FUEL TANK
0P0210	MAC1	DOMESTIC TRUCK
0P0423	MAC1	PARTS BOOK, PAPER