

MAINTENANCE

Unit #807 - 2004 Caterpillar D8R

S#K6YZ01387

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Date	Hours	Work Performed
April 16, 2007	5329	Re & Re hardbar
June 20, 2007	5332	New rails & sprockets
January 28, 2009	7704	Service - 0w40 oil , fuel , air - Brassy
March 4, 2009	8107	service 0w40 fuel o air
March 16, 2009	n/a	install reman water pump , new fan belts , new thermostat
July 5, 2009	8397	Replace air filter sensor
July 24, 2009	8489	Service - 0w40 oil , fuel , air [Steve]
October 8, 2009	8596	Change trans oil & filter , change final oils , hyd oil & filters [Steve]
November 26, 2009	7456	New alternator [Doyle]
December 17, 2009	9000	Service - 0w40 oil , fuel , O air [Amos]
February 3, 2010	9102	Change left rear idler
March 24, 2010	9422	Change rite rear idler
June 10, 2010	9607	Reseal both track adjusters and change both cannon seals(Dan P)
October 6, 2010	n/a	Install center blade skin [for pushing buggies]
November 3, 2010	9874	Service - 0w40 oil , fuel , air , [Amos]
January 5, 2011	10264	Service - 0w40 oil , P fuel , both air, grease hardbar [Amos]
February 5, 2011	10642	replace hyd. Bypass sensor [Doyle]
February 6, 2011	10654	Service - 0w40 oil, fuel both air [Doyle]
March 4, 2011	10774	Antifreeze leaks - change heater valve , tighten hose clamps [Lee]
May 8, 2011	10999	Replaced alternator, pulley and belt [Lee]
May 12, 2011	11017	Replaced hyd. Tank temp sensor [Amos]
August 3, 2011	11326	Went to tighten slipping AC belt, found turbo coolant line to rad cracked, went to c-can tried to find hose, ended up cutting fittings of old hose and installing in another piece of rubber line and hose clampings to existing fittings. Reinstall hose back onto machine so it could run. (Ron B)
August 7, 2011	11354	Install new coolant hose from turbo to rad. Top up coolant, run and check for leaks. (Ron B)
August 10, 2011	11370	Check machine for belts coming off, remove left and right side doors and lower shields, remove AC condensor, cut off remaining belts that were wrapped around fan and crank shaft, reinstalled undamaged AC belt, tried to locate belts that Doyle was to install 2 days earlier, went to c-can, tried to find alternator and fan belts, order new fan belts from Finning, belts arrived minus fan belts, found fan belts on back of Doyles truck, installed all belts and guards, run machine. (Ron B)
August 30, 2011	11553	Check machine for exhaust noise, found top of muffler broke out, machine overdue for service, rear screen handle broken. (Ron B)
September 7, 2011	11587	Check machine for not starting, connected computer, could not communicate with engine ECM, active data link codes, check data link for open shorts and grounds, harness seems to be correct, install Finning's tester ECM into harness, data link codes went away and can now communicate with ECM, order new ECM. (Ron B)
September 8, 2011	11587	Assist Finning to install new ECM and do timing calibrations. (Ron B)
September 9, 2011	11589	Install all removed guards and belly pans, run machine and verify that no codes are present. (Ron B)

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September 13, 2011	n/a	Remove all RH side guards, cut off belts that were wrapped around fan, remove exhaust manifold from engine, drill out broken exhaust studs, clean up head, ready to reinstall exhaust manifold. (Ron B)
September 14, 2011	n/a	Complete the install of exhaust manifold, try to cleanup mess left from Doyle when he removed front damper assembly and rad shrouds. (Ron B)
September 16, 2011	15592	Remove leaking front seal, clean front of engine, install new front seal, install and torque damper and pulleys, remove alternator, replaced damaged pulley, weld up broken tensioner arm, reinstall alternator, remove tensioner for main fan belts, rebearing and reseal, install new grease line for tensioner, install all new belts, install muffler onto turbo. Boost machine to start, run and check for leaks. (Ron B)
October 11, 2011	11774	Sop up oil leaking from transmission due to rollover, contain other leaking fluids, flip machine back onto tracks, turn machine until flat. (Ron B)
October 12, 2011	11775	Bar engine over, get engine started, move machine to level ground, complete 2000 hr service, check machine for further damage due to rollover. (Ron B)
October 18, 2011	n/a	Change ripper hose. (Amos)
October 19, 2011	11836	Check machine for leak at front cover, possible broken front cover, cut engine oil filter and inspect. (Ron B)
October 20, 2011	11842	Remove blade from machne. (Ron B)
October 27, 2011	11844	Install rad trash guard, install fan, install AC condensor, install front muffler mount fan drive bracket, AC pump mounting bracket, do brg roll in on engine. (Lee)
November 1, 2011	n/a	Dismantle engine, remove valve covers, set valves, set injectors, clean up covers, order gaskets, cover up engine to keep dirt out. (Lee)
November 3, 2011	n/a	Clean up parts to reassemble engine, not all parts at shop, assemble and install fan drive, assemble fan tensioner pulley, missing belts and seals for oil pump. (Ron B)
November 9, 2011	11845	Assemble machine, test run engine, tie up lines and hoses, install hood, frt sweeps, fenders and door mounting. (Lee)
November 23, 2011	11974	Check machine for idiot lights coming on, found alternator to be not charging, replaced alternator with one from c-can. (Ron B)
November 24, 2011	11996	Replace seatbelt. (Ron B)
December 2, 2011	12085	Change worn out ripper tip. (Ron B)
December 6, 2011	12124	Service machine. (Ron B)
December 15, 2011	12222	Replace LH dozer pin. (Ron B)
January 6, 2012	12275	Replace squeaking LH rear idler; RH front idler is leaking. (Ron B)
January 7, 2012	12282	Replace leaking RH front idler. (Ron B)
January 13, 2012	12317	Blow out primary air filter; change steering loop filter. (Ron B)
January 19, 2012	12436	Check machine for blown lift hose; no hose in c-can; order hose to replace. (Ron B)
January 20, 2012	12436	install rippper hose; run and check for leaks. (Ron B)
January 23, 2012	12512	Assist Clinton and Tyler to service machine. (Ron B)
January 31, 2012	12565	Remove blade for shipping. (Ron B)
February 6, 2012	12617	Flip edges and changed corner bits. (Amos)
March 2, 2012	12802	Change engine oil, fuel filters, inner and outer air filters, Grease the hardbar. (Amos)

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july 17/12	13090	oil fuel air (Amos)
aug 29/12	13362	oil fuel air and hydraulic trans filters
oct 22/12	13759	changed orings on trans filter housing
oct 22/12	13756	oil fuel air
February 11, 20123	14563	Service; oil, fuel, Air (Tyler)
March 7, 2013	14714	Replace right door window; replace fire extinguisher; repair left engine door latch; needs 6 new posts for engine door latches (dean)
March 27, 2013	14838	Oil, Fuel, air (Tyler)
April 8, 2013	14897	Repalce park brake switch , 1" left on cutting edge, change hyd filter, needs front light (Dean)
july 26/13	15106	oil fuel air
sept 6/13	15300	changed cutting edge
oct 28/13	15356	oil fuel air changed belts and pully
nov 7/13	15476	fixed all lights
nov 28/13	15640	oil fuel air fixed all lights checked all levels
may 12/14	16000	complete service all oils and filters
Aug. 1/14	16213	Brakes coming on intermittently travel to mile 135 rd (4 Hrs) Tested operation & found in 1st & rev. the trans locks up & speed codes are active Open trans filter found full of metal (Finning WO 0060269731)
Aug. 15/14	16213	Install finning exchange, trans 2192624-exc, torque c/w housing 1613306, power train oil pump, oil cooler Finning suply tech for start up/testing and adjusting (WO 0062100862)
Aug. 26/14	16200	Service - eng oil, trans, diff, final drives, hyd, swing, both fuel, both air, cab air Change all fluids Check work lights, horn, backup alarm, Battery & cables, Pos air shutoff, coolant, all nipples taking grease, Change eng & trans oil coolers, Transmission, Torque converter (D J)
Sept. 6/14		Install reman Trans, Torque, Cooler (J D)
Sept. 6/14		Finning test, set pressures for warrenty purposes (0060276935)
Sept. 19/14	16320	Check out flashing indicater light (Tim)
Nov. 19/14	16345	Reseal quad valve for blade and ripper, removed worn hoses (Tim)
Dec. 3/14		Service - 0W40 eng oil, (Doyle)
Jul. 25/15	17,833	Get running, remove blade (Tim)
sept 14/15	17067	Service - eng oil,, both fuel, both air, cab air (Bob)
		eng oil checked tranmission checked, hydrolic level checked, fuel filter changed water sep changed, undercarriage good, cutting edges good, ripper teeth good, changed hyd cooler (Bob)

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sept 29/15	17090	Eng oil changed, oil filter changed 0W40 , checked levels on trans, differentials, final drives, hydraulics all were good, changed fuel filter, water sep filter, inner and outer air filters, repaired work lights check horn, back up alarm, fire ext, battery post clean, coolant good operators,windsheild and wipers good, undercarriage is good , cutting edges good, repair left ripper shank saver& ripper tooth Changed heater hose right from engine to heater (Bob)
Nov 4/15	17146	trouble shoot wiring harness issues, ordered engine wire harnesses (Dean)
Nov 12/15	17146	changed transmission, hydraulic filters, cab filter is good, Reseal priority valve, reseal starter, change seal torque output, change both eng wiring harness's , change fuel lines, changed hose from torque to pump,(Dean& Amos)
Mar 27/17	17352	Service - 0w40 oil , fuel , 0. air [Amos]
Jan 5/18		Install new muffler & stack pipe [Amos]
Jan 9/18	17571	Service - 0w40 oil , both fuel , 0. air , cab air , clean battery posts , grease hardbar , replace backup alarm , fill pivot shaft tank [Doug M]
Feb 2/18	n/a	Trans oil cooler pipe - 3 bolts fell out - replace bolts & O-ring [Amos]
Feb 6/18	n/a	Replace bottom grill hinge [Doyle]
feb 23/18	17892	service 0w40, [amos]
feb 19/18	17928	change trans and hydralic filters, new rad seals,right bar bushing and pin [doyle]
march 5/18	18020	flip edges and changed corner bits. (Amos)
Apr 10 2018	18225	Replaced Cab Heater Valve [DJ]
Apr 24/18	18328	Service - 15w40 oil , both fuel , both air [Amos]
Apr 28/18	18304	LH blade lift cyl - reman rod - re & re by Finning [DJ]
Nov 22/18	18920	Service - 0w40 oil , both fuel [Amos]
Feb 9/19	19029	Service - 0w40 oil [Levi]

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Jan 24/20	19396	Service - 5w40 oil , both fuel , both air , replace end on battery wire on alternator & new pulley [Amos]
July 10/20	19497	Service - 5w40 oil , change trans oil & filter , change final drive oil,s , new fan belt,s & A/C belt , replace A/C hose from pump to dryer , new oilpan gasket , Re & Re hardbar - Jalco bored all 3 holes , Brg & Hyd bored RH pin mount on track frame , new dipstick tube & dipstick [Levi]
Jan 31-21	19566	Installed new fuel line from filter to back of head, resealed relief valve ,bypassed water valve and found RH blower motor NFG (Levi)
July 19/21	19639	Replace RH blower motor & water valve , replace 24 - 12v inverter , install new engine thermostat [Jack D]
Oct 17/21	19700	New cutting edges [Adam G]
Oct 27/21	19700	Install new track groups & sprockets [Levi & Doyle]
Nov 29/21	19769	Replace downshift button on tiller , replace 1 ripper hose [Chris C]
Dec6/21	19827	Service - 5w40 oil , both fuel , both air [Chris C]
Feb 9/22	20357	Service - 5w40 oil , both air [Levi]
Oct 18/22	20728	Swapped out leaking lift cylinder with 803, Installed O-Rings + Leak checked. [Clayton]
Nov 05/22	20760	Replace whip hoses on blade and change o-rings in couplers. [Chris]
Jan 04/23	21072	Hydraulic leak. Valve supply line blew off. Replace clamps and reattach. Fill hydraulic fluid and test ok. [Chris]
Jan 21/23	21197	Service - 5W40, Water seperator, outer air. [Braylan]
July 20/23	21361	Stump pan and side panels removed for washing. Repair hydraulic leaks, replace leaking AC condensor and line. Replace reciever dryer. Exhaust manifold re-sealed and replace broken studs as needed. [Chris]
Nov 29/23	21547	Replace segments, torque to spec. Install LED lights on front. Tighten alternator belt. Grease unit. Tighten tracks. [Chris]
an 19/24	21550	Service - 5W40, both fuel, air. [Jason]
Jan 22/24	21558	Replace thermostats and trans temp sensor. [Jason]

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