

Engine Control Unit (ECU) Diagnostic Trouble Codes

Engine Control Unit Diagnostic Trouble Codes (ECU)		
Diagnostic Trouble Code	Display	Solution
ECU 000097.03 ECU 000097.04	Engine System	Water In Fuel Signal Problem. Have John Deere dealer repair as soon as possible.
ECU 000097.16	Engine Water Separator Full	Remove water from separator.
ECU 000100.01	Engine Oil Pressure Low	Check engine oil level. If code returns, have John Deere dealer repair immediately.
ECU 000100.03 ECU 000100.04	Engine System	Engine Oil Pressure Input Voltage Problem. Have John Deere dealer repair as soon as possible.
ECU 000100.18	Engine Oil Pressure Low	Check engine oil level. If code returns, have John Deere dealer repair as soon as possible.
ECU 000100.31	Engine Oil Pressure	Sensor Indicates Oil Pressure When Engine Is OFF. Have John Deere dealer repair at earliest convenience.
ECU 000102.02	Engine System	Manifold Air Pressure Sensor Problem. Have John Deere dealer repair at earliest convenience.
ECU 000102.03 ECU 000102.04	Engine System	Manifold Air Pressure Voltage Problem. Have John Deere dealer repair as soon as possible.
ECU 000103.00	Engine System	Turbo Speed Overspeed. If operating at high altitude, reduce load on engine. If problem continues, have John Deere dealer repair as soon as possible.
ECU 000103.05 ECU 000103.06 ECU 000103.08 ECU 000103.31	Engine System	Turbo Speed Error. Have John Deere dealer repair as soon as possible.
ECU 000105.00	Engine Air Temperature High	Intake Air Temperature High. Check coolant level. Inspect and clean radiator. If code returns, have John Deere dealer repair immediately.

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ECU 000105.03 ECU 000105.04	Engine System	Manifold Air Temperature Voltage Problem. Have John Deere dealer repair as soon as possible.
ECU 000105.15	Engine Air Temperature High	Manifold Air Temperature is above Specification. Check coolant level. Inspect and clean radiator. If code returns, have John Deere dealer repair as soon as possible.
ECU 000105.16	Engine Air Temperature High	Manifold Air Temperature Moderately High. Check coolant level. Inspect and clean radiator. If code returns, have John Deere dealer repair as soon as possible.
ECU 000108.02	Engine System	Barometric Pressure Sensor Problem. Have John Deere dealer repair at earliest convenience.
ECU 000110.00	Engine Coolant Temperature High	Check coolant level. Inspect and clean radiator. If code returns, have John Deere dealer repair immediately.
ECU 000110.03 ECU 000110.04	Engine System	Engine Coolant Temperature Input Voltage Problem. Have John Deere dealer repair as soon as possible.
ECU 000110.15	Engine Coolant Temperature High	Check coolant level. Inspect and clean radiator. If code returns, have John Deere dealer repair at earliest convenience.
ECU 000110.16	Engine Coolant Temperature High	Check coolant level. Inspect and clean radiator. If code returns, have John Deere dealer repair as soon as possible.
ECU 000110.17	Engine Coolant Temperature Low	Engine Coolant Temperature Low. Warm up engine. If problem continues, have John Deere dealer repair as soon as possible.
ECU 000157.03 ECU 000157.04	Engine System	Fuel Rail Pressure Input Voltage Problem. Have John Deere dealer repair immediately.
ECU 000157.10	Engine System	Fuel Rail Pressure Loss Detected. Have John Deere dealer repair as soon as possible.
ECU 000157.17	Engine System	Fuel Rail Pressure Not Developed. Have John Deere dealer repair as soon as possible.
ECU 000158.17	Engine System	Engine Control Unit Power Down Error. Have John Deere dealer repair at earliest convenience.

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ECU 000174.00	Fuel Temperature High	Fuel Temperature High. Check coolant level. Inspect and clean radiator. Check to see if code returns. Have John Deere dealer repair immediately.
ECU 000174.03 ECU 000174.04	Engine System	Fuel Temperature Input Voltage Problem. Have John Deere dealer repair as soon as possible.
ECU 000174.16	Fuel Temperature High	Check coolant level. Inspect and clean radiator and fuel cooler. If code returns, have John Deere dealer repair as soon as possible.
ECU 000189.00	No text	Engine Speed Derate.
ECU 000190.00	Engine Speed High	Result of downshifting, throttle back. If code returns, have John Deere dealer repair immediately.
ECU 000237.02 ECU 000237.13 ECU 000237.31	Identification System	Vehicle Serial Number Invalid. Have John Deere dealer repair as soon as possible.
ECU 000412.00	Engine System	EGR Temperature Sensor Input Voltage Problem. Most Sever Level. Have John Deere dealer repair immediately.
ECU 000412.03 ECU 000412.04	Engine System	EGR Temperature Sensor Input Voltage Problem. Have John Deere dealer repair as soon as possible.
ECU 000412.15 ECU 000412.16	Engine System	EGR Temperature Higher than Expected. Have John Deere dealer repair as soon as possible.
ECU 000611.03 ECU 000611.04	Engine System	Electronic Injector Wiring Problem. Have John Deere dealer repair as soon as possible.
ECU 000627.01	Engine System	Electronic Injector Supply Voltage Problem. Have John Deere dealer repair as soon as possible.

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ECU 000629.12	Engine System	ECU Memory Problem. Have John Deere dealer repair as soon as possible.
ECU 000629.13	Engine System	ECU Programming Error. Have John Deere dealer repair immediately.
ECU 000636.05	Engine System	Cam Sensor Open. Have John Deere dealer repair as soon as possible.
ECU 000636.06	Engine System	Cam Sensor Shorted. Have John Deere dealer repair as soon as possible.
ECU 000636.02 ECU 000636.08 ECU 000636.10	Engine System	Pump Position Sensor Problem. Have John Deere dealer repair at earliest convenience.
ECU 000637.02 ECU 000637.05 ECU 000637.06 ECU 000637.07	Engine System	Crank Position Sensor Problem. Have John Deere dealer repair as soon as possible.
ECU 000637.08 ECU 000637.10	Engine System	Crank Position Input Problem. Have John Deere dealer repair as soon as possible.
ECU 000641.04	Engine System	Turbo Actuator Supply Voltage Low or Intermittent. Have John Deere dealer repair as soon as possible.
ECU 000641.05 ECU 000641.13	Engine System	Have John Deere dealer repair as soon as possible.
ECU 000641.12	Engine System	Communication on Error to Turbo. Have John Deere dealer repair as soon as possible.
ECU 000641.16	Engine System	Turbo Actuator Over Temperature. Have John Deere dealer repair as soon as possible.
ECU 000647.05	Fan System	Upper Fan Drive Output 1 Shorted or Open. Inspect wiring leads on solenoid coil above fan drive piston

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		housing. Have John Deere dealer repair as soon as possible.
ECU 000651.02 ECU 000651.13	Engine System	Electronic Fuel Injector Problem. Have John Deere dealer repair at earliest convenience.
ECU 000651.05 ECU 000651.06 ECU 000651.07 ECU 000652.02 ECU 000652.05 ECU 000652.06 ECU 000652.07 ECU 000652.13 ECU 000653.02 ECU 000653.05 ECU 000653.06 ECU 000653.07 ECU 000653.13 ECU 000654.02 ECU 000654.05 ECU 000654.06 ECU 000654.07 ECU 000654.13 ECU 000655.02 ECU	Engine System	Electronic Fuel Injector Problem. Have John Deere dealer repair as soon as possible.

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000655.05 ECU 000655.06 ECU 000655.07 ECU 000655.13 ECU 000656.02 ECU 000656.05 ECU 000656.06 ECU 000656.07 ECU 000656.13		
ECU 000676.03 ECU 000676.05	Engine System	Glow Plug Relay Output Problem. Have John Deere dealer repair as soon as possible.
ECU 001075.05	Fuel Supply System	Electric Lift Pump in Fuel Filter Base Short/Open. Have John Deere dealer repair at earliest convenience.
ECU 001110.31	Engine System	Engine Protection Shutdown. Have John Deere dealer repair as soon as possible.
ECU 001136.00	Engine System	ECU Temperature High. Check area around ECU for adequate air flow. If problem continues, have John Deere dealer repair immediately.
ECU 001136.16	Engine System	Internal ECU Temperature High. Check area around ECU for adequate air flow. If problem continues, have John Deere dealer repair as soon as possible.
ECU 001172.03 ECU 001172.04	Engine System	Compressor Inlet Temperature Input Voltage Problem. Have John Deere dealer repair at earliest convenience.
ECU 001180.00	Engine System	Exhaust Temperature is High. Have John Deere dealer repair immediately.
ECU 001180.16	Engine System	Exhaust Temperature is Higher than Specification. Have John Deere dealer repair as soon as possible.

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ECU 001347.03 ECU 001347.05	Engine System	Pump control valve problem. Have John Deere dealer repair as soon as possible.
ECU 001347.07	Fuel Filter	Fuel Rail Pressure Control Problem. Check fuel filter, If code returns, have John Deere dealer repair as soon as possible.
ECU 001569.31	Fuel Power Derated	One of the Derate Conditions Exists on Engine. Have John Deere dealer repair at earliest convenience.
ECU 001639.01 ECU 001639.16 ECU 001639.18 ECU 002005.09	Fan System	Fan Speed Signal Problem. Have John Deere dealer repair at earliest convenience.
ECU 002005.14	Communication System	Communication Error. Allow tractor to run for 10 minutes to clear code.
ECU 002030.09	Communication System	CAB Message Missing. Have John Deere dealer repair at earliest convenience.
ECU 002049.09 ECU 002071.09	Communication System	Control Unit Signal Missing. Have John Deere dealer repair at earliest convenience.
ECU 002630.00	Engine System	Charge Air Outlet Temperature Higher than Expected (Most Severe). Have John Deere dealer repair immediately.
ECU 002630.03 ECU 002630.04	Engine System	Charge Air Outlet Temperature Input Voltage Problem. Have John Deere dealer repair as soon as possible.
ECU 002630.15 ECU 002630.16	Engine System	Charge Air Outlet Temperature Higher than Expected (Less Severe). Have John Deere dealer repair as soon as possible.
ECU 002659.02	Engine System	EGR Problem. Have John Deere dealer repair as soon as possible.

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ECU 002659.15 ECU 002659.17		
ECU 002790.16	Engine System	Compressor Outlet Temperature High. Have John Deere dealer repair as soon as possible.
ECU 002791.02 ECU 002791.03 ECU 002791.04 ECU 002791.07 ECU 002791.13 ECU 002791.14 ECU 002791.31	Engine System	EGR Valve Error. Have John Deere dealer repair as soon as possible.
ECU 002795.07 ECU 002795.12	Engine System	Variable Geometry Turbo Control Error. Have John Deere dealer repair as soon as possible.
ECU 003509.03 ECU 003509.04	Engine System	Fuel Rail Pressure Sensor Supply Voltage Problem. Have John Deere dealer repair immediately.
ECU 003510.03 ECU 003510.04 ECU 003511.03 ECU 003511.04 ECU 003512.03 ECU 003512.04	Engine System	ECU Sensor Voltage Problem. Have John Deere dealer repair as soon as possible.

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ECU 003513.03 ECU 003513.04		
ECU 600006.31	Engine System	ECU Default DTC. Have John Deere dealer repair at earliest convenience.

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