

Engine Control Unit (ECU) Diagnostic Trouble Codes

Diagnostic Trouble Code	Display	Solution
ECU 000094.03 ECU 000094.04	Engine System	Fuel Pressure Sensor Input Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 000094.17	Engine System	Low Fuel Pressure Out of Lift Pump. Change fuel filters. If problem continues, have your John Deere dealer repair as soon as possible.
ECU 000097.03 ECU 000097.04	Engine System	Water in Fuel Signal Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 000097.16	Engine Water Separator Full	Water In Fuel Detected. Drain both filters. If code returns, have your John Deere dealer repair immediately.
ECU 000100.01	Engine Oil Pressure Very Low	Engine Oil Pressure Extremely Low. If code returns, have your John Deere dealer repair immediately.
ECU 000100.04	Engine System	Engine Oil Pressure Input Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 000100.18	Engine Oil Pressure Low	Engine Oil Pressure Moderately Low. Check engine oil level. If code returns, have your John Deere dealer repair as soon as possible.
ECU 000100.31	Engine Oil Pressure	Sensor Indicates Oil Pressure When Engine Is OFF. Have your John Deere dealer repair as soon as possible.
ECU 000102.02	Engine System	Manifold Air Pressure Sensor Problem. Have your John Deere dealer repair as soon as possible.
ECU 000102.03 ECU 000102.04	Engine System	Manifold Air Pressure Input Voltage Problem. Have your 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 your John Deere dealer repair immediately.

ECU 000103.05 ECU 000103.08 ECU 000103.31	Engine System	Turbo Speed Error. Have your John Deere dealer repair as soon as possible.
ECU 000105.00 ECU 000105.15 ECU 000105.16	Engine Air Intake Temperature High	Intake Air Temperature High. Check coolant level. Inspect and clean radiator. If code returns, have your John Deere dealer repair immediately.
ECU 000105.03 ECU 000105.04	Engine System	Intake Air Temperature Input Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 000108.02	Engine System	Barometric Pressure Sensor Problem. Have your John Deere dealer repair as soon as possible.
ECU 000110.00	Engine Coolant Temperature High	Engine Coolant Temperature Extremely High. Check coolant level. Inspect and clean radiator. If code returns, have your John Deere dealer repair immediately.
ECU 000110.03 ECU 000110.04	Engine System	Engine Coolant Temperature Input Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 000110.15 ECU 000110.16	Engine Coolant Temperature High	Engine Coolant Temperature Moderately High. Check coolant level. Inspect and clean radiator. Check to see if code returns. Have your 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 your John Deere dealer repair as soon as possible.

Diagnostic Trouble Code	Display	Solution
ECU 000157.01	Engine System	Low Pressure Fuel Pressure Low. Change fuel filters. If problem continues, have your John Deere dealer repair as soon as possible.
ECU 000157.03 ECU 000157.04	Engine System	Fuel Rail Pressure Input Voltage Problem. Have your John Deere dealer repair immediately.
ECU 000157.16	Engine System	Low Pressure Fuel Pressure High. Have your John Deere dealer repair as soon as possible.
ECU 000157.18	Engine System	Low Pressure Fuel Pressure Low. Change fuel filters. If problem continues, have your John Deere dealer repair as soon as possible.
ECU 000158.17	Engine System	ECU Power Down Error. Restart engine. If code returns, have your John Deere dealer repair as soon as possible.
ECU 000174.00	Fuel Temperature High	Fuel Temperature High. Check coolant level. Inspect and clean radiator. Check to see if code returns. Have your John Deere dealer repair immediately.
ECU 000174.03 ECU 000174.04	Engine System	Fuel Temperature Input Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 000174.16	Fuel Temperature High	Fuel Temperature High - Moderately severe. Check coolant level. Inspect and clean radiator. Check to see if code returns. Have your John Deere dealer repair as soon as possible.
ECU 000237.02 ECU 000237.13 ECU 000237.31	Identification System	VIN Security Problem. Have your John Deere dealer repair as soon as possible.
ECU 000412.00	Engine System	EGR Temperature Signal Extremely High. Have your John Deere dealer repair as soon as possible.
ECU 000412.03 ECU 000412.04	Engine System	EGR Temperature Sensor Input Voltage Problem. Have your John Deere dealer repair as soon as possible.

ECU 000412.15 ECU 000412.16	Engine System	EGR Temperature Moderately High. Have your John Deere dealer repair as soon as possible.
ECU 000611.03	Engine System	Injector Wiring Shorted to Power Source. Have your John Deere dealer repair as soon as possible.
ECU 000611.04	Engine System	Injector Wiring Shorted to Ground. Have your John Deere dealer repair as soon as possible.
ECU 000627.01	Engine System	Injector Supply Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 000629.13	Engine System	ECU Programming Error. Have your John Deere dealer repair immediately.
ECU 000636.02	Engine System	Cam Position Sensor Input Noise. Have your John Deere dealer repair as soon as possible.
ECU 000636.05	Engine System	Cam Sensor Open. Have your John Deere dealer repair as soon as possible.
ECU 000636.06	Engine System	Cam Sensor Shorted. Have your John Deere dealer repair as soon as possible.
ECU 000636.08	Engine System	Cam Position Sensor Input Missing. Could result in excessive cranking. Have your John Deere dealer repair as soon as possible.
ECU 000636.10	Engine System	Cam Position Input Pattern Error. Have your John Deere dealer repair as soon as possible.

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Diagnostic Trouble Code	Display	Solution
ECU 000637.02 ECU 000637.05 ECU 000637.06	Engine System	Crank Position Sensor Problem. Have your John Deere dealer repair as soon as possible.

ECU 000637.08 ECU 000637.10		
ECU 000637.07	Engine System	ECU/Pump Timing Moderately Out Of Sync. Have your John Deere dealer repair as soon as possible.
ECU 000640.11	Engine System	Voltage On Tracks Shutdown Signal Out Of Spec. Have your John Deere dealer repair as soon as possible.
ECU 000640.31	Engine System	Tracks Shutdown Signal Commanded Shutdown.. Have your John Deere dealer repair as soon as possible.
ECU 000641.04 ECU 000641.12 ECU 000641.13	Engine System	VGT Actuator Problem. Have your John Deere dealer repair as soon as possible.
ECU 000641.16	Engine System	Turbo Actuator Over Temperature. Have your John Deere dealer repair as soon as possible.
ECU 000647.05	Fan System	Fan Drive Output 1 Shorted or Open. Inspect wiring leads on solenoid coil. Have your John Deere dealer repair as soon as possible.
ECU 000647.07	Fan System	Fan Drive Output 2 Shorted or Open. Inspect wiring leads on solenoid coil. Have your John Deere dealer repair as soon as possible.
ECU 000651.05 - ECU 000656.13	Engine System	Electronic Fuel Injector Problem. Have your John Deere dealer repair as soon as possible.
ECU 001075.05	Fuel Supply System	Electric Lift Pump in Fuel Filter Base Short/Open. Have your John Deere dealer repair as soon as possible.
ECU 001075.12	Fuel Supply System	Electric Lift Pump Signal Indicates Fault. Have your John Deere dealer repair as soon as possible.
ECU 001110.31	Engine System	Engine Protection Shutdown. Have your John Deere dealer repair as soon as possible.
ECU 001136.00 ECU 001136.16	Engine System	ECU Temperature High. Check area around ECU for adequate air flow. If problem continues, have your John Deere dealer repair immediately.

ECU 001172.03 ECU 001172.04	Engine System	Compressor Inlet Temperature Input Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 001180.00	Engine System	Exhaust Pressure Sensor Problem. Have your John Deere dealer repair as soon as possible.
ECU 001180.16	Engine System	Exhaust Temperature High. Have your John Deere dealer repair as soon as possible.
ECU 001569.31	Engine Power Derated	Fuel Derate. Have your John Deere dealer repair as soon as possible.
ECU 001639.01	Fan System	Fan Speed Signal Missing. Have your John Deere dealer repair as soon as possible.
ECU 001639.16	Fan Speed High	Fan Speed Higher Than Expected. Have your John Deere dealer repair as soon as possible.
ECU 001639.18	Fan Speed Low	Fan Speed Lower Than Expected. Make sure bleed screw for fan drive is fully closed. See General Maintenance and Inspection section. Have your John Deere dealer repair as soon as possible.
ECU 002005.09	Communication System	ACU Message Missing. Have your John Deere dealer repair as soon as possible.
ECU 002005.14	Communication System	Have your John Deere dealer repair as soon as possible.

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Diagnostic Trouble Code	Display	Solution
ECU 002030.09	Communication System	CAB Message Missing. Have your John Deere dealer repair as soon as possible.
ECU 002071.09	Communication System	CCU Message Missing. Have your John Deere dealer repair as soon as possible.
ECU 002630.00 ECU	Engine System	Charge Air Outlet Temperature Higher than Expected. Have your John Deere dealer repair immediately.

002630.15 ECU 002630.16		
ECU 002630.03 ECU 002630.04	Engine System	Charge Air Outlet Temperature Input Voltage Problem. Have your John Deere dealer repair as soon as possible.
ECU 002659.02 ECU 002659.15 ECU 002659.17	Engine System	EGR Flow Rate Data Problem. Have your John Deere dealer repair as soon as possible.
ECU 002790.16	Engine System	Compressor Outlet Temperature High. Have your John Deere dealer repair as soon as possible.
ECU 002791.02 ECU 002791.03 ECU 002791.04 ECU 002791.07 ECU 002791.13 ECU 002791.31	Engine System	EGR Valve Error. Have your John Deere dealer repair as soon as possible.
ECU 002795.07	Engine System	Variable Geometry Turbo Control Error. Have your John Deere dealer repair as soon as possible.
ECU 003510.03 ECU 003510.04 ECU 003511.03 ECU 003511.04 ECU 003512.03 ECU 003512.04	Engine System	Sensor Supply Voltage Problem. Have your John Deere dealer repair as soon as possible.

ECU 003822.02 ECU 003822.03 ECU 003822.04 ECU 003822.07	Engine System	EGR Valve Position Problem. Have your John Deere dealer repair as soon as possible.
ECU 003822.13 ECU 003822.31	Engine System	EGR Valve Calibration Change Error. Have your John Deere dealer repair as soon as possible.