

Engine Control Unit (ECU) Diagnostic Trouble Codes

Although the diagnostic codes listed below are not a complete list of the diagnostic trouble codes, they do reflect codes which may be observed while operating the tractor and have corrective action that the operator can take. Many codes which appear may be corrected simply by cycling key switch or by following the solution on the CommandCenter™ page, then cycling key switch.

If corrective action cannot be taken after cycling power to the tractor or if there are any questions, contact your John Deere™ dealer.

Engine Control Unit (ECU) Diagnostic Trouble Codes		
Diagnostic Trouble Code	Display	Solution
ECU 97.16	Engine Water Separator Full	Drain water.
ECU 100.1	Engine Oil Pressure Low	Check oil level.
ECU 100.18	Engine Oil Pressure Low	Check engine oil level.
ECU 103.0	Engine System	Reduce engine speed and load.
ECU 105.0	Engine Air Temperature High	Reduce engine load. Check cooling system for debris.
ECU 105.16	Engine Air Temperature High	Reduce engine speed and load.
ECU 107.0	Engine Air Filter Restricted	Clean or replace air filter.
ECU 110.0	Engine Coolant Temperature High	Reduce engine load. Check cooling system for debris.
ECU 110.15	Engine Coolant Temperature High	Check cooling system for debris.
ECU 110.16	Engine Coolant Temperature High	Reduce engine speed and load. Check cooling system for debris.
ECU 110.17	Engine Coolant Temperature Low	Allow coolant temperature to increase.
ECU 174.0	Fuel Temperature High	Check cooling system for debris.
ECU 174.16	Fuel Temperature High	Check cooling system for debris.
ECU 190.0	Engine Speed High	Reduce engine speed.
ECU 412.15	Engine System	Check cooling system for debris.

ECU 412.16	Engine System	Reduce engine speed and load.
ECU 629.12	Engine System	Restart engine to attempt vehicle system recovery.
ECU 641.16	Engine System	Reduce engine speed and load.
ECU 1180.0	Engine System	Reduce engine speed and load. Check cooling system for debris.
ECU 2630.0	Engine System	Reduce engine speed and load. Check cooling system for debris.
ECU 2630.15	Engine System	Check cooling system for debris.
ECU 2630.16	Engine System	Reduce engine speed and load. Check cooling system for debris.
ECU 2790.16	Engine System	Reduce engine speed and load.

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