

StarFire Control Unit (ITC) 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.

Diagnostic Trouble Code	System	Solution
ITC 000158.04	Electrical System	Rear control unit supply voltage low. Reduce electrical load or increase engine rpm to attempt vehicle recovery.
ITC 000168.03	Electrical System	Control unit unswitched supply voltage high. System with restricted function. Check battery.
ITC 000232.02	GPS System	Corrected gps position is not available.
ITC 002854.31	RTK Rover	RTK radio is not responding. Inspect receiver bracket harness for faults.
ITC 003141.14	RTK Rover	The gps receiver is not authorized on this RTK network.
ITC 003141.31	GPS Corrections	License has expired.
ITC 522394.13	TCM Not Calibrated	Please calibrate the TCM again to ensure optimized system performance. The system has detected that the TCM was previously calibrated on an implement but is now mounted on a machine.
ITC 522552.11	StarFire Network	Problem with StarFire Network. Resolution in Progress.
ITC 523187.02	Over-the-Air Messaging	Invalid license code received.
ITC 523274.02	GPS Position	GPS position is not available.
ITC 523441.31	TCM	StarFire Height Dimension Not Set, press setup tab on main page.
ITC 523442.31	TCM	StarFire Fore/Aft Dimension Not Set, Press setup tab on main page.
ITC 524209.16	RTK Rover	Vehicle too far from Base Station.
ITC 524257.14	RTK Base Station	The RTK base station is in survey mode. Corrections are not available.
ITC 524257.16	RTK Base Station	Base Station has been moved.
ITC 524257.19	RTK Base Station	Interference between neighboring RTK base stations. Adjust your RTK Network settings to unique values.

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