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New Holland DTC 0xx No Code, 1xxxx, 520xxx-0x

- 002 No Code – No power to Communication Converter Box from electronic service tool (EST) connector.
- 003 No Code – GPS Receiver is not powered.
- 004 No Code – LB+ circuit is not powered at the 9-pin Tractor to Implement connector.
- 005 No Code – HB+ circuit is not powered at the 9-pin Tractor to Implement connector.
- 006 No Code – “Bad Application Pointer” error on the Display
- 007 No Code – Implement status always shown as down on the Display.
- 008 No Code – Implement status always shown as up on the Display.
- 009 No Code – Implement status always shown as up or always as down on the Display.
- 010 No Code – Markers do not alternate in Automatic mode of operation.
- 011 No Code – No ground speed shown on the Display when the planter is lowered and moving.
- 012 No Code – Enhanced lights do not operate.
- 013 No Code – Tail lights do not function.
- 014 No Code – Left hand warning lamp does not function.
- 015 No Code – Right hand warning lamp does not function.
- 016 No Code – The Fold solenoid does not energize when using the manual fold connector.
- 017 No Code – Sensor screen on the Display shows the wrong number of connected seed sensors and no fault code is active.
- 018 No Code – Vacuum sensor does not operate, does not display as connected on the Sensor screen, and no faults codes are active.
- 019 No Code – Vacuum sensor does not operate and no fault codes are active.
- 020 No Code – Hopper Level sensor does not operate and no fault codes are active.
- 10000 – MCC1 detects that the Display has stopped communicating for at least 5 seconds.
- 10000 – MIU fault logic detects that the Display has stopped communicating for at least 5 seconds.
- 10001 – MCC1 detects that the MIU has stopped communicating for at least 5 seconds.
- 10002 – MCC1 fault logic detects that the MIU has an initialization fault.
- 1000 – Display Warning: The software required for the connected implement is not on the Universal Display.
- 1001 – Display Warning: The software required for the connected implement is corrupted on the Universal Display.
- 1002 – Display Warning: The Real Time Clock memory has failed in the Universal Display.
- 10660 – Display Warning: Seed sensor bb has detected a fault.
- 10bb1 – Display Warning: The number of sensors detected as connected is different than the entered number.
- 10662 – Display Warning: Row bb is not planting.
- 10663 – Display Warning: Row bb planting rate is incorrect.
- 11000 – Display Warning: Attempting to plant with the Master Control OFF while the planter is lowered and moving.
- 11001 – Display Warning: Field not selected.
- 13001 – Display Warning: Display does not detect datacard.
- 13002 – Display Warning: The datacard has been removed while power is applied.
- 13003 – Display Warning: The data on the datacard is corrupted.
- 13004 – Display Warning: Read or write access to the datacard has failed.

- 13005 – Display Warning: Datasheet is 90% full.
- 13006 – Display Warning: Datasheet is 100% full. As-applied data is no longer being recorded.
- 13007 – Display Warning: Display software cannot read a farm on the datasheet.
- 13008 – Display Warning: Display software cannot read a field file on the datasheet.
- 13009 – Display Warning: Display software cannot read a prescription file on the datasheet.
- 14000 – MIU: Seed sensor bus communication error. MIU is not receiving input from 5 consecutively connected sensors.
- 14010 – Display Warning: Seed section controller is at maximum duty (100% output).
- 14012 – Display Warning: Vacuum fan controller is at maximum duty (100% output).
- 15010 – Display Warning: Seed section controller is at minimum design output.
- 16010 – Display Warning: Seed section controller is at maximum design limit.
- 17000 – Display Warning: The left hand or right hand seed hopper level is low.
- 2000 – Display Warning: The planter configuration was not received from the MIU.
- 2001 – Display Warning: An unknown product configuration was received from the MCC.
- 2002 – Display Warning: The sensor bus configuration values have not been received from the MIU.
- 2003 – Display Warning: The Display cannot retrieve manufacturing identification information from the MIU.
- 3000 – Display Warning: Communication has been interrupted between the Universal Display and the MIU controller.
- 3001 – Display Warning: The MIU controller has logged a new fault code and is now disabled.
- 3012 – MIU: The left hand ground speed sensor has detected a wheel speed greater than 70 kilometers per hour (45 mph).
- 3013 – MIU detects unstable reading from the left hand ground speed sensor.
- 3032 – MIU: The right hand ground speed sensor has detected a wheel speed greater than 70 kilometers per hour (45 mph).
- 3033 – MIU detects unstable readings from the right hand ground speed sensor.
- 4010 – Display Warning: Communication has been interrupted between the Universal Display and the MCC1 controller.
- 4011 – Display Warning: The MCC1 has logged a new fault code and is now disabled.
- 43010 – MIU: The sensor bus is reporting a Vacuum Sensor fault.
- 45010 – MIU: The sensor bus is reporting a Bin Level Sensor fault.
- 49bb1 – MIU: Seed sensor bb failed during self-test.
- 49bb3 – MIU: Seed sensor bb is not communicating correctly during normal operation.
- 5000 – Display Warning: The Display has not received any Non-Volatile Memory (NVM) communications from the MIU.
- 50010 – MIU: Corrupt CAN source address in Non-Volatile Memory (NVM).
- 50010 – MCC1: Corrupt Minimum Vacuum Controller Duty in NVM (Non-Volatile Memory).
- 5001 – Display Warning: The Display has received a negative response for requested Non-Volatile Memory (NVM) information.
- 50020 – MIU: Corrupt Planter Type in Non-Volatile Memory (NVM).
- 50020 – MCC1: Corrupt Minimum Seed Drive #n Controller Duty in NVM (Non-Volatile Memory).
- 5002 – Display Warning: The Display has received a negative response when sending Non-Volatile Memory (NVM) information.
- 50030 – MIU: Corrupt Number of Sections in Non-Volatile Memory (NVM).
- 50030 – MCC1: Corrupt Minimum Bulk Fan Controller Duty in NVM (Non-Volatile Memory).
- 50040 – MIU: Corrupt System Options in Non-Volatile Memory (NVM).

- 50040 – MCC2: Corrupt Minimum Liquid Controller Duty in NVM (Non-Volatile Memory).
- 50050 – MIU: Corrupt Left Distance Calibration Number in Non-Volatile Memory (NVM).
- 50050 – MCC1: Corrupt Minimum Vacuum Controller Gain (Tune) in NVM (Non-Volatile Memory).
- 50060 – MIU: Corrupt Right Distance Calibration Number in Non-Volatile Memory (NVM).
- 50060 – MCC1: Corrupt Minimum Seed Drive #n Controller Gain (Tune) in NVM (Non-Volatile Memory).
- 50070 – MIU: Corrupt Minimum Frame Height Calibration Value in Non-Volatile Memory (NVM).
- 50070 – MCC1: Corrupt Minimum Bulk Fan Controller Gain (Tune) in NVM (Non-Volatile Memory).
- 50080 – MIU: Corrupt Plant Start Height Calibration Value in Non-Volatile Memory (NVM).
- 50080 – MCC1: Corrupt minimum Liquid Controller Gain (Tune) in NVM (Non-Volatile Memory).
- 50090 – MIU: Corrupt Plant Stop Height Calibration Value in Non-Volatile Memory (NVM).
- 50100 – MIU: Corrupt Wing Drop Height Calibration Value in Non-Volatile Memory (NVM).
- 50110 – MIU: Corrupt Limited Raise Height Calibration Value in Non-Volatile Memory (NVM).
- 5011 – MIU detects an open or shorted MIU Interlock Relay, or the MIU Interlock Relay driver is faulted.
- 5011 – MCC1 controller detects an open or shorted connection to the MCC1 Interlock relay or the MCC1 Interlock Relay driver has faulted.
- 50120 – MIU: Corrupt Maximum Frame Height Calibration Value in Non-Volatile Memory (NVM).
- 50130 – MIU: Corrupt Seed Sensor Bus Break Point Value in Non-Volatile Memory (NVM).
- 50140 – MIU: Corrupt Radar Distance Calibration Number in Non-Volatile Memory (NVM).
- 60000 – MIU: The radar speed sensor has detected a wheel speed greater than 70 kilometers per hour (45 mph).
- 6000 – Display Warning: The Display has received corrupt/invalid Non-Volatile Memory (NVM) data from the MIU.
- 6001 – Display Warning: Planter setup items have been lost or have not been setup on the MIU.
- 6002 – Display Warning: Product setup values have been lost or have not been setup on the MIU.
- 6003 – Display Warning: Area counters have been lost or have not been setup on the MIU.
- 6004 – Display Warning: Frame calibration values have been lost or have not been setup on the MIU.
- 6013 – MIU detects that the Frame Fold Solenoid has an open circuit.
- 6014 – MIU detects that the Frame Fold Solenoid is shorted or the MIU pin is shorted to power.
- 6015 – MIU detects power to the Frame Fold Solenoid driver when the MIU Interlock Relay is disabled.
- 6018 – MIU detects that the Frame Fold Solenoid driver is stuck On or Off.
- 6093 – MIU detects that the Left Hand Marker Solenoid has an open circuit.
- 6094 – MIU detects that the Left Hand Marker Solenoid is shorted or the MIU pin is shorted to power.
- 6095 – MIU detects power to the Left Hand Marker Solenoid driver when the MIU Interlock Relay is disabled.
- 6098 – MIU detects that the Left Hand Marker Solenoid driver is stuck On or Off.
- 6103 – MIU detects that the Right Hand Marker Solenoid has an open circuit.
- 6104 – MIU detects that the Right Hand Marker Solenoid is shorted or the MIU pin is shorted to power.
- 6105 – MIU detects power to the Right Hand Marker Solenoid driver when the MIU Interlock Relay is disabled.
- 6108 – MIU detects that the Right Hand Marker Solenoid driver is stuck On or Off.
- 7010 – Display Warning: Seed Controller PWM driver fault.
- 7012 – Display Warning: Vacuum Controller Fan driver fault.
- 7013 – MCC1 detects that the Vacuum Fan solenoid valve has an open circuit.
- 7014 – MCC1 detects that the Vacuum Fan Solenoid is shorted or the MCC1 pin is shorted to power.
- 7015 – MCC1 detects power to the Vacuum Fan Solenoid driver when the MCC1 Interlock Relay is disabled.
- 7018 – MCC1 detects that the Vacuum Fan Solenoid driver is stuck On or Off.

- 7023 – MIU detects that the Left Hand Enhanced Light has an open circuit.
 - 7023 – MCC1 detects that the Seed Section 1 drive solenoid valve has an open circuit.
 - 7024 – MIU detects that the Left Hand Enhanced Light is shorted or the MIU pin is shorted to power.
 - 7024 – MCC1 detects that the Seed Section 1 drive solenoid valve is shorted or the MCC1 pin is shorted to power.
 - 7025 – MIU detects power to the Left Hand Enhanced Light driver when the MIU Interlock Relay is disabled.
 - 7025 – MCC1 controller detects power to the Seed Section 1 drive solenoid valve when the MCC1 Interlock Relay is disabled.
 - 7028 – MIU detects that the Left Hand Enhanced Light driver is stuck On or Off.
 - 7028 – MCC1 detects that the Seed Section 1 solenoid driver is stuck on or off.
 - 7043 – MIU detects that the Right Hand Enhanced Light has an open circuit.
 - 7044 – MIU detects that the Right Hand Enhanced Light is shorted or the MIU pin is shorted to power.
 - 7045 – MIU detects power to the Right Hand Enhanced Light when the MIU Interlock Relay is disabled.
 - 7048 – MIU detects that the Right Hand Enhanced Light driver is stuck On or Off.
 - 8000 – MIU detects less than 9.8 volts at the battery input pin.
 - 8000 – MCC1 controller detects less than 9.8 volts at the battery input pin.
 - 8001 – MIU detects greater than 18.25 volts at the battery input pin.
 - 8001 – MCC1 controller detects greater than 18.25 volts at the battery input pin.
 - 8002 – MIU detects less than 9.8 volts at the Load Clamp input pin.
 - 8002 – MCC1 controller detects less than 9.8 volts at the load clamp input pin.
 - 8003 – MIU detects power when the MIU Interlock Relay is disabled.
 - 8003 – MCC1 controller detects power when the MCC1 Interlock Relay is disabled.
 - 8010 – Display Warning: Seed Section 1 rate is out of range.
 - 8012 – Display Warning: Vacuum fan rate is out of range.
 - 9000 – MIU detects that the CAN (Controller Area Network) has stopped communicating.
 - 9000 – MCC1 controller detects that the CAN (Controller Area Network) has stopped communicating.
 - 9002 – MIU: CAN address control input signal not present to permit address claiming.
 - 9002 – MCC1: CAN address control input signal not present from the preceding controller to permit address claiming.
 - 9003 – MIU: CAN address control input signal HIGH at initialization.
 - 9003 – MCC1: CAN address control input signal is shorted to power at power up.
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- 520193-04 – ECU_PWR, Voltage below normal, or shorted to low source
 - 520194-03 – Sensor Pwr, Voltage above normal, or shorted to high source
 - 520194-04 – Sensor Pwr, Voltage below normal, or shorted to low source
 - 520195-03 – PWR, Voltage above normal, or shorted to high source
 - 520195-04 – PWR, Voltage below normal, or shorted to low source
 - 520196-03 – Internal 5V, Voltage above normal, or shorted to high source
 - 520196-04 – Internal 5V, Voltage below normal, or shorted to low source
 - 520197-03 – Internal 8V, Voltage above normal, or shorted to high source
 - 520197-04 – Internal 8V, Voltage below normal, or shorted to low source
 - 520198-03 – Internal 2.5V Ref, Voltage above normal, or shorted to high source
 - 520198-04 – Internal 2.5V Ref, Voltage below normal, or shorted to low source
 - 520199-03 – Internal 5V Pwr, Voltage above normal, or shorted to high source
 - 520199-04 – Internal 5V Pwr, Voltage below normal, or shorted to low source
 - 520200-03 – +5V, Voltage above normal, or shorted to high source
 - 520200-04 – +5V, Voltage below normal, or shorted to low source

520201-03 – Ground Difference, Voltage above normal, or shorted to high source
520201-04 – Ground Difference, Voltage below normal, or shorted to low source
520202-03 – Implement CAN_H, Voltage above normal, or shorted to high source
520202-04 – Implement CAN_H, Voltage below normal, or shorted to low source
520203-03 – Implement CAN_L, Voltage above normal, or shorted to high source
520203-04 – Implement CAN_L, Voltage below normal, or shorted to low source
520208-03 – WHEEL_GROUND_SPD_1, Voltage above normal, or shorted to high source
520208-04 – WHEEL_GROUND_SPD_1, Voltage below normal, or shorted to low source
520208-08 – WHEEL_GROUND_SPD_1, Abnormal frequency, pulse width, or period
520210-03 – BULK_FAN_SPD, Voltage above normal, or shorted to high source
520210-04 – BULK_FAN_SPD, Voltage below normal, or shorted to low source
520210-08 – BULK_FAN_SPD, Abnormal frequency, pulse width, or period
520211-03 – WORK_SWITCH, Voltage above normal, or shorted to high source
520211-04 – WORK_SWITCH, Voltage below normal, or shorted to low source
520212-03 – METER_1_AIR_SPD, Voltage above normal, or shorted to high source
520212-04 – METER_1_AIR_SPD, Voltage below normal, or shorted to low source
520212-08 – METER_1_AIR_SPD, Abnormal frequency, pulse width, or period
520213-03 – METER_2_AIR_SPD, Voltage above normal, or shorted to high source
520213-04 – METER_2_AIR_SPD, Voltage below normal, or shorted to low source
520213-08 – METER_2_AIR_SPD, Abnormal frequency, pulse width, or period
520215-03 – METER_1_SPD, Voltage above normal, or shorted to high source
520215-04 – METER_1_SPD, Voltage below normal, or shorted to low source
520215-08 – METER_1_SPD, Abnormal frequency, pulse width, or period
520216-03 – METER_2_SPD, Voltage above normal, or shorted to high source
520216-04 – METER_2_SPD, Voltage below normal, or shorted to low source
520216-08 – METER_2_SPD, Abnormal frequency, pulse width, or period
520218-03 – TANK_1_LOW, Voltage above normal, or shorted to high source
520218-04 – TANK_1_LOW, Voltage below normal, or shorted to low source
520218-08 – TANK_1_LOW, Abnormal frequency, pulse width, or period
520219-03 – TANK_2_LOW, Voltage above normal, or shorted to high source
520219-04 – TANK_2_LOW, Voltage below normal, or shorted to low source
520219-08 – TANK_2_LOW, Abnormal frequency, pulse width, or period
520221-03 – TANK_1_LEVEL, Voltage above normal, or shorted to high source
520221-04 – TANK_1_LEVEL, Voltage below normal, or shorted to low source
520221-08 – TANK_1_LEVEL, Abnormal frequency, pulse width, or period
520222-03 – TANK_2_LEVEL, Voltage above normal, or shorted to high source
520222-04 – TANK_2_LEVEL, Voltage below normal, or shorted to low source
520222-08 – TANK_2_LEVEL, Abnormal frequency, pulse width, or period
520233-03 – Valve Solenoid 2A Voltage above normal, or shorted to high source
520233-04 – Valve Solenoid 2A voltage below normal, or shorted to low source
520233-05 – Valve Solenoid 2A Current below normal, or open circuit
520233-06 – Valve Solenoid 2A Current above normal, or shorted to ground
520234-03 – Valve Solenoid 2B Voltage above normal, or shorted to high source
520234-04 – Valve Solenoid 2B voltage below normal, or shorted to low source
520234-05 – Valve Solenoid 2B Current below normal, or open circuit
520234-06 – Valve Solenoid 2B Current above normal, or shorted to ground

520235-03 – Valve Solenoid 2C Voltage above normal, or shorted to high source
520235-04 – Valve Solenoid 2C Voltage below normal, or shorted to low source
520235-05 – Valve Solenoid 2C Current below normal or open circuit
520235-06 – Valve Solenoid 2C Current above normal, or shorted to ground
520236-03 – Valve Solenoid 2D Voltage above normal, or shorted to high source
520236-04 – Valve Solenoid 2D Voltage below normal, or shorted to low source
520236-05 – Valve Solenoid 2D Current below normal, or open circuit
520236-06 – Valve Solenoid 2D Current above normal, or shorted to ground
520237-03 – Valve Solenoid 2E Voltage above normal, or shorted to high source
520237-04 – Valve Solenoid 2E Voltage below normal, or shorted to low source
520237-05 – Valve Solenoid 2E Current below normal, or open circuit
520237-06 – Valve Solenoid 2E Current above normal, or shorted to ground
520238-03 – Valve Solenoid 3A Voltage above normal, or shorted to high source
520238-04 – Valve Solenoid 3A Voltage below normal, or shorted to low source
520239-03 – Valve Solenoid 3B Voltage above normal, or shorted to high source
520239-04 – Valve Solenoid 3B Voltage below normal, or shorted to low source
520240-03 – Valve Solenoid 3C Voltage above normal, or shorted to high source
520240-04 – Valve Solenoid 3C Voltage below normal, or shorted to low source
520241-03 – Valve Solenoid 3D Voltage above normal, or shorted to high source
520241-04 – Valve Solenoid 3D Voltage below normal, or shorted to low source
520265-03 – CALIBRATION_SWITCH, Voltage above normal, or shorted to high source
520265-04 – CALIBRATION_SWITCH, Voltage below normal, or shorted to low source
520295-03 – Left Caster Voltage above normal, or shorted to high source
520295-04 – Left Caster Voltage below normal, or shorted to low source
520295-05 – Left Caster Current below normal, or open circuit
520296-03 – Right Caster Voltage above normal, or shorted to high source
520296-04 – Right Caster Voltage below normal, or shorted to low source
520296-05 – Right Caster Current below normal, or open circuit
520301-03 – Left Drawtube Latch Voltage above normal, or shorted to high source
520301-04 – Left Drawtube Latch Voltage below normal, or shorted to low source
520301-05 – Left Drawtube Latch Current below normal, or open circuit
520302-03 – Right Drawtube Latch Voltage above normal, or shorted to high source
520302-04 – Right Drawtube Latch Voltage below normal, or shorted to low source
520302-05 – Right Drawtube Latch Current below normal or open circuit
520304-03 – Left Drawtube Back Voltage above normal, or shorted to high source
520304-04 – Left Drawtube Back Voltage below normal, or shorted to low source
520304-05 – Left Drawtube Back Current below normal, or open circuit
520305-03 – Right Drawtube Back Voltage above normal, or shorted to high source
520305-04 – Right Drawtube Back Voltage below normal, or shorted to low source
520305-05 – Right Drawtube Back Current below normal, or open circuit
520306-03 – Left Wing Frame Voltage above normal, or shorted to high source
520306-04 – Left Wing Frame Voltage below normal, or shorted to low source
520306-05 – Left Wing Frame Current below normal, or open circuit
520307-03 – Right Wing Frame Voltage above normal, or shorted to high source
520307-04 – Right Wing Frame Voltage below normal, or shorted to low source
520307-05 – Right Wing Frame Current below normal, or open circuit

- 520310-03 – Hyd Pres 1 Voltage above normal, or shorted to high source
- 520310-04 – Hyd Pres 1 Voltage below normal, or shorted to low source
- 520311-03 – Hyd Pres 2 Voltage below normal, or shorted to high source
- 520311-04 – Hyd Pres 2 Voltage below normal, or shorted to low source
- 520312-03 – Hyd Pres 3 Voltage above normal, or shorted to high source
- 520312-04 – Hyd Pres 3 Voltage below normal, or shorted to low source
- 520313-03 – PRV1 (Wing Frame) Voltage above normal, or shorted to high source
- 520313-04 – PRV1 (Wing Frame) Voltage below normal, or shorted to low source
- 520313-05 – PRV1 (Wing Frame) Current below normal, or open circuit
- 520313-06 – PRV1 (Wing Frame) Current above normal, or shorted to ground
- 520314-03 – PRV2 (Opener) Voltage above normal, or shorted to high source
- 520314-04 – PRV2 (Opener) Voltage below normal, or shorted to low source
- 520314-05 – PRV2 (Opener) Current below normal, or open circuit
- 520314-06 – PRV2 (Opener) Current above normal, or shorted to ground