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Service codes

Service Code	Display	Solution
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Armrest Control Unit Service Codes (ACU)

ACU

523968.02

ACU

523968.03

ACU

523968.04

Operator Controls

IMS circuit problem. Have John Deere dealer repair at earliest convenience.

ACU

523969.11

Operator Controls

Upshift/Downshift button pressed at start-up. Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.

ACU

524212.02

ACU

524212.03

ACU

524212.04

Operator Controls

Rear hitch control lever circuit problem. Have John Deere dealer repair at earliest convenience.

ACU

524224.02

ACU

524224.14

Operator Controls

Rear PTO switch circuit problem. Have John Deere dealer repair at earliest convenience.

ClimaTrak Display Codes (ATC) — If Equipped

ATC

000170.03

ATC

000170.04

ClimaTrak System

Cab temperature sensor circuit voltage problem. Have John Deere dealer repair at earliest convenience.

ATC

000171.03

ATC

000171.04

ClimaTrak System

Ambient temperature sensor circuit voltage problem. Have John Deere dealer repair at earliest convenience.

ATC

000871.03

ATC

000871.04

ClimaTrak System

Refrigerant pressure sensor circuit voltage problem. Have John Deere dealer repair at earliest convenience.

ATC

000876.03

ATC

000876.04

ClimaTrak System

Compressor clutch circuit voltage problem. Have John Deere dealer repair at earliest convenience.

ATC

000876.10

ClimaTrak System

Excessive A/C clutch cycling. Have John Deere dealer repair at earliest convenience.

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Service Code	Display	Solution
ATC 000876.14	ClimaTrak System	Compressor shutoff due to engine overheat. Check level, condition and service interval of engine coolant. Visually inspect and clean radiator. If code returns, have John Deere dealer repair at earliest convenience.
ATC 000923.03 ATC 000923.04 ATC 000923.12	ClimaTrak System	Circulation blower motor circuit problem. Have John Deere dealer repair if code returns at earliest convenience.
ATC 001079.03 ATC 001079.04	ClimaTrak System	ATC sensor supply voltage problem. Have John Deere dealer repair at earliest convenience.
ATC 001546.03 ATC 001546.04	ClimaTrak System	Water valve position sensor circuit voltage problem. Have John Deere dealer repair at earliest convenience.
ATC 001547.03 ATC 001547.04	ClimaTrak System	Evaporator temperature sensor voltage problem. Have John Deere dealer repair at earliest convenience.
ATC 001548.03 ATC 001548.04	ClimaTrak System	Outlet air temperature sensor circuit voltage problem. Have John Deere dealer repair at earliest convenience.
ATC 001549.03 ATC 001549.04	ClimaTrak System	Water valve motor circuit voltage problem. Have John Deere dealer repair at earliest convenience.
ATC 001549.07 ATC 001549.13	ClimaTrak System	Water valve motor problem. Have John Deere dealer repair at earliest convenience.
ATC 001551.03 ATC 001551.04	ClimaTrak System	Pressurizer blower motor circuit voltage problem. Have John Deere dealer repair at earliest convenience.

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Service Code	Display	Solution
ATC 001552.03 ATC 001552.04	ClimaTrak System	Cab temperature control circuit voltage problem. Have John Deere dealer repair at earliest convenience.
ATC 001553.03 ATC 001553.04	ClimaTrak System	Blower control circuit voltage problem. Have John Deere dealer repair at earliest convenience.
ATC 523848.03 ATC 523848.04 ATC 523848.05 ATC 523848.06 ATC 523848.07 ATC 523848.13	ClimaTrak System	Air flow mode motor circuit problem. Have John Deere dealer repair at earliest convenience.
Cab Control Unit Service Codes (CAB)		
CAB 000091.03 CAB 000091.04	Operator Controls	Foot throttle sensor problem. Have John Deere dealer repair at earliest convenience.
CAB 001504.30	Operator Controls	Seat switch circuit problem. Have John Deere dealer repair at earliest convenience.
CAB 002872.02	Operator Controls	Main light switch circuit problem. Have John Deere dealer repair at earliest convenience.
CAB 002876.02	Operator Controls	Turn signal switch problem. Have John Deere dealer repair at earliest convenience.
CAB 523907.02 CAB 523908.02	Operator Controls	Rear PTO remote switch problem. Have John Deere dealer repair at earliest convenience.
CAB 524016.04	Operator Controls	CAB switched power voltage problem. Check fuse F15. Restart vehicle. If code returns, have John Deere dealer repair returns at earliest convenience.

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Service Code	Display	Solution
CAB 524020.31	Power Up in Gear	Left hand reverser in gear at power up. Place reverser lever in PARK position. Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.
CAB 524021.31		
CAB 524022.31		
CAB 524023.31	Operator Controls	Left hand reverser circuit problem. Have John Deere dealer repair at earliest convenience.
CAB 524024.31		
CAB 524025.31		
CAB 524029.02		
CAB 524029.03	Operator Controls	Clutch pedal sensor circuit problem. Restart vehicle. Cycle clutch pedal several times. If code returns, have John Deere dealer repair at earliest convenience.
CAB 524029.04		
CAB 524030.31		
CAB 524031.31		
CAB 524032.31	Operator Controls	Left hand reverser reverse circuit problem. Have John Deere dealer repair at earliest convenience.
CAB 524036.31		
CAB 524081.31		
Central Control Unit Service Codes (CCU)		
CCU 000090.03	Rear PTO System	Rear PTO oil temperature circuit problem. Have John Deere dealer repair at earliest convenience.
CCU 000090.04		
CCU 000096.03	Fuel Level System	Fuel level circuit problem. Turn key switch to RUN position (engine off). Check fuel level. If code returns, have John Deere dealer repair at earliest convenience.
CCU 000096.17	Fuel Level Low	Turn key switch to RUN position (engine off). Check fuel level. If code returns have John Deere dealer repair at earliest convenience.
CCU 000569.05	Differential Lock System	Rear differential lock circuit problem. Have John Deere dealer repair at earliest convenience.
CCU 001086.18	Air Brake Pressure Low	This code will generate when vehicle is started and air brake pressure is insufficient to disengage trailer brakes. It may be

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		necessary to wait over 1 minute for brakes to release. Bleed excess moisture from air brake reservoir. If code returns, have John Deere dealer repair as soon as possible.
CCU 001638.00	Hydraulic Oil Temperature High	Check hydraulic oil level in sight glass on rear differential. Inspect transmission / hydraulic oil cooler. If code returns, have John Deere dealer repair immediately.
CCU 001638.03 CCU 001638.04	Hydraulic System	Hydraulic oil temperature circuit problem. Have John Deere dealer repair at earliest convenience.
CCU 001638.16	Hydraulic Oil Temperature High	Check hydraulic oil level in sight glass on rear differential. Inspect transmission / hydraulic oil cooler. Restart vehicle. Operate vehicle at rated speed for 1 - 2 minutes. If code returns, have John Deere dealer repair as soon as possible.
CCU 001713.00	Hydraulic Oil Filter Restricted	Start up the engine and operate the tractor until the transmission/hydraulic oil reaches 60°C. If the code returns, see your John Deere dealer as soon as possible to replace the hydraulic oil filter.
CCU 001883.00	Rear PTO Speed High	Rear PTO shaft turning too fast. Check that PTO shaft and PTO speed lever match. Restart vehicle. If code returns, have John Deere Dealer repair at earliest convenience.
CCU 001883.01	Rear PTO System	Rear PTO underspeed. Check that PTO shaft and PTO speed lever match. Have John Deere dealer repair if code returns at earliest convenience.
CCU 001883.13	Rear PTO System	Rear PTO calibration not performed or incomplete. Have John Deere dealer repair as soon as possible.
CCU 523851.02	Implement Management System	IMS aborted sequence because of lack of response from Hitch/SCV controller. Have John Deere dealer repair at earliest convenience.
CCU 524223.03	Differential Lock System	Leaving Differential Lock on for more than 15 seconds will generate this code. Have John Deere dealer repair at earliest convenience.
CCU 524224.14	PTO Switch	PTO is disabled but the switch is on. Turn all PTO switches OFF Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.
CCU 524235.05	MFWD System	MFWD circuit problem. Have John Deere dealer repair at earliest convenience.

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Service Code	Display	Solution
CCU 524236.31	Implement Management System	IMS was turned off while commanding an MFWD mode other than what the MFWD switch has commanded. Have John Deere dealer repair at earliest convenience.
CCU 524251.31	Rear PTO ON	PTO engaged while operator not present. Have John Deere dealer repair as soon as possible.
CCU 524252.05	Rear PTO System	Rear PTO solenoid circuit problem. Have John Deere dealer repair at earliest convenience.
CCU 524255.31	Remote PTO Enabled	Rear PTO remote enable switch ON and rear PTO fender switch OFF. This is normal and serves as a safety alert.

Engine Control Unit Service Codes (ECU)

ECU 000094.03 ECU 000094.04	Engine System	Fuel rail pressure voltage problem. Have John Deere dealer repair immediately.
ECU 000094.10 ECU 000094.17	Engine System	Fuel rail pressure problem. Have John Deere dealer repair as soon as possible.
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 000102.03	Engine System	Manifold air pressure voltage problem. Have John Deere dealer repair as soon as possible.

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Service Code	Display	Solution
ECU 000102.04		
ECU 000105.03 ECU 000105.04	Engine System	Manifold air temperature voltage problem. 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 000107.00	Engine Air Filter Restricted	Inspect and clean engine air filter. If code returns, have John Deere dealer repair as soon as possible.
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 000158.17	Engine System	Engine control unit power down error. Have John Deere dealer repair at earliest convenience.
ECU 000160.02	Electrical System	Wheel speed input problem. Have John Deere dealer repair at earliest convenience.
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 000190.00	Engine Speed High	Result of downshifting, throttle back. If code returns, have John Deere dealer repair immediately.

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Service Code	Display	Solution
ECU 000237.02	Identification System	Vehicle serial number invalid. 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 000620.03 ECU 000620.04	Engine System	Sensor supply voltage 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.
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 000637.07	Engine System	Pump 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 000651.05 ECU 000651.06 ECU 000651.07 ECU 000652.05 ECU 000652.06 ECU 000652.07 ECU 000653.05 ECU 000653.06 ECU 000653.07	Engine System	Electronic injector problem. Have John Deere dealer repair as soon as possible.

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Service Code	Display	Solution
ECU 000654.05 ECU 000654.06 ECU 000654.07 ECU 000655.05 ECU 000655.06 ECU 000655.07 ECU 000656.05 ECU 000656.06 ECU 000656.07		
ECU 001069.31	Electrical System	Tire size error. Have John Deere dealer repair at earliest convenience.
ECU 001080.03 ECU 001080.04	Engine System	Fuel rail pressure sensor supply voltage problem. Have John Deere dealer repair immediately.
ECU 001110.31	Engine System	Engine protection shutdown. Have John Deere dealer repair as soon as possible.
ECU 001347.03 ECU 001347.05 ECU 001347.10 ECU 001348.05 ECU 001348.10	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 001568.02	Engine System	Torque curve selector error. Have John Deere dealer repair at earliest convenience.
ECU 001569.31	Fuel Power Derated	One of the derate conditions exists on engine. Have John Deere dealer repair at earliest convenience.
ECU 002049.09	Communication System	Controller signal missing. Have John Deere dealer repair at earliest convenience.

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Service Code	Display	Solution
ECU 002071.09		

Hitch Control Unit Service Codes (HCU)

HCU 000084.02	Rear Hitch System	Wheel speed data problem. Have John Deere dealer repair at earliest convenience.
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HCU 000630.13	Rear Hitch System	HCU not calibrated. Have John Deere dealer repair at earliest convenience.
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HCU 001079.03 HCU 001079.04	Rear Hitch System	HCU sensor supply voltage problem. Have John Deere dealer repair at earliest convenience.
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HCU 001873.03 HCU 001873.04	Rear Hitch System	Rear hitch position sensor problem. Have John Deere dealer repair at earliest convenience.
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HCU 001881.03 HCU 001881.04 HCU 001881.13	Rear Hitch System	Rear hitch draft sensor problem. Have John Deere dealer repair at earliest convenience.
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HCU 521000.02 HCU 521000.31	Rear Hitch System	Rear hitch external switch problem. Have John Deere dealer repair at earliest convenience.
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HCU 521001.02 HCU 521001.05 HCU 521001.06 HCU 521001.07 HCU 521001.11 HCU 521002.05 HCU 521002.06	Rear Hitch System	Rear hitch circuit problem. Have John Deere dealer repair at earliest convenience.
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HCU 523910.02	Rear Hitch System	Control unit problem. Have John Deere dealer repair at earliest convenience.
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Service Code	Display	Solution
HCU 523952.31	Rear Hitch System	Operator trying to use hitch while it is disabled or not available. Have John Deere dealer repair at earliest convenience.
HCU 524016.04	Rear Hitch System	Switched supply voltage problem. Visually inspect around the batteries and alternator for any visual signs of damage or accumulated debris. Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.
HCU 524212.19 HCU 524212.31	Hydraulic System	Rear hitch control lever problem. Have John Deere dealer repair at earliest convenience.
Instrument Control Unit Service Codes (ICU)		
ICU 002000.09	Electronic Communication Error	ECU message missing. Check fuse F9. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 002003.09	Electronic Communication Error	PTI or PTQ message missing. Check fuse F6 for IVT or F35 PowrQuad. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 002005.09	Electronic Communication Error	ACU message missing. Check fuse F13 for IVT or F35 for PowrQuad. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 002035.09	Electronic Communication Error	HCU message missing. Have John Deere dealer repair as soon as possible.
ICU 002036.09	Electronic Communication Error	PTF message missing. Check fuse F15. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 002049.09	Electronic Communication Error	CAB message missing. Check fuse F35. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 002071.09	Electronic Communication Error	CCU message missing. Check fuses F6 for IVT and F35 for PowrQuad. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 002129.09	Electronic Communication Error	ICU message missing. Check fuse F28. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.

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Service Code	Display	Solution
ICU 002213.09	Electronic Communication Error	SCO message missing. Check fuse F24. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 002227.09	Electronic Communication Error	SUP message missing. Check fuse F23. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 002240.09	Electronic Communication Error	TEC message missing. Check fuse F23. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
ICU 523971.14	Electronic Communication Error	Engine is currently too cold to start and is firing the glow plugs in preparation for starting. Engine may be safely started at conclusion of countdown.
ICU 524013.03	Electronic Communication Error	Verify CommandCenter is clear of all equipment and personal items. Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.
Front PTO Control Unit (PTF)		
PTF 001882.00	Front PTO System	Front PTO shaft is turning too fast. Restart vehicle. Engage Front PTO. Set engine to full throttle. If code returns, have John Deere dealer repair as soon as possible.
PTF 001882.01	Front PTO System	Front PTO underspeed detected. Restart vehicle and Engage Front PTO. Set engine to full throttle. If code returns, have John Deere dealer repair at earliest convenience.
PTF 001882.13	Front PTO System	Front PTO not calibrated. Have John Deere dealer repair at earliest convenience.
PTF 523904.31	Front PTO On	PTO was engaged while operator was not seated. Sit in operators seat. Restart vehicle and cycle front PTO switch. If code returns, have John Deere dealer repair as soon as possible.
PTF 523905.02	Front PTO System	Front PTO circuit problem. Have John Deere dealer repair at earliest convenience.
PTF 523906.03 PTF 523906.04	Front PTO System	Front PTO oil temperature circuit problem. Have John Deere dealer repair at earliest convenience.
PTF 524163.09	Front PTO System	Controller problem. Check fuse F35. Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.

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Service Code	Display	Solution
PTF 524216.02 PTF 524216.31	Front PTO System	Front PTO switch problem. Have John Deere dealer repair at earliest convenience.

PowrQuad Transmission Control Unit Service Codes (PTQ)

PTQ 000126.16	Transmission Oil Filter Restricted	Start up the engine and operate the tractor until the transmission/hydraulic oil reaches 60°C. If the code returns, see your John Deere dealer as soon as possible to replace the transmission oil filter.
PTQ 000127.01	Transmission Oil Pressure Low	Check transmission fluid level in sight glass on rear differential case. Restart vehicle. If code returns, have John Deere dealer repair immediately.
PTQ 000158.00 PTQ 000158.01 PTQ 000158.03	Electrical System	Supply voltage problem. Visually inspect around the batteries and alternator for damage or accumulated debris. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
PTQ 000158.04 PTQ 000158.17 PTQ 000158.18	Electrical System Voltage Low	Visually inspect around the batteries and alternator for damage or accumulated debris. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
PTQ 000191.17	Transmission System	Transmission underspeed. Have John Deere dealer repair at convenience.
PTQ 000598.02	Operator Controls	Clutch pedal switch / sensor circuit problem. Have John Deere dealer repair at convenience.
PTQ 000734.05 PTQ 000735.05 PTQ 000736.05 PTQ 000737.05 PTQ 000738.05	Transmission System	Transmission sensor circuit problem. Have John Deere dealer repair at convenience.
PTQ 001079.03	Electrical System	Sensor supply voltage problem. Have John Deere dealer repair at earliest convenience.

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PTQ 001079.04		
PTQ 002000.09	Electrical Communication Error	ECU message missing. Check fuse F9. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
PTQ 523960.31	Operator Not in Seat	Operator not seated during reverser command. Have John Deere dealer repair at earliest convenience.
PTQ 523961.07	Operator Controls	Range lever park/reverser lever gear problem. Have John Deere dealer repair at earliest convenience.
PTQ 523966.31	Transmission Come Home Active	Check F5 slot for fuse. Fuse should not be installed unless vehicle is in Come Home mode. With fuse removed, operate vehicle for 5 minutes. If code returns, have John Deere dealer repair as soon as possible.
PTQ 524173.07	Operator Controls	Clutch pedal operation problem. Have John Deere dealer repair at earliest convenience.
PTQ 524230.05		
PTQ 524230.07	Transmission System	Clutch enable circuit problem. Have John Deere dealer repair at earliest convenience.
PTQ 524234.03		
PTQ 524234.04		
PTQ 524254.04		
PTQ 524254.04	Transmission System	Transmission enable relay circuit voltage low. Have John Deere dealer repair at earliest convenience.

Optional SCV Control Unit Service Code (SCo)

SCO 000158.04	Hydraulic System	Controller supply voltage problem. Visually inspect around the batteries and alternator for any visual signs of damage or accumulated debris. Check fuses F12, F24 and F51. Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.
SCO 000168.04		
SCO 001080.03	Hydraulic System	Sensor supply voltage problem. Have John Deere dealer repair at earliest convenience.
SCO 001080.04		
SCO 001963.05	Hydraulic System	Flow control circuit problem. Have John Deere dealer repair at earliest convenience.
SCO 001975.05		

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SCO 521000.02	Hydraulic System	Front hitch external switch circuit problem. Inspect front hitch switch, harness and connectors. Restart vehicle. Cycle front hitch switch through all positions. If code returns, have John Deere dealer repair at earliest convenience.
SCO 523662.05 SCO 523662.06 SCO 523663.05 SCO 523663.06	Hydraulic System	Auxiliary valve current problem. Have John Deere dealer repair at earliest convenience.
SCO 523695.02 SCO 523695.09 SCO 523695.19 SCO 523696.02 SCO 523696.09 SCO 523696.19	Hydraulic System	External control message problem. Have John Deere dealer repair at earliest convenience.
SCO 523775.02 SCO 523776.02	Hydraulic System	Single lever control circuit problem. Have John Deere dealer repair at earliest convenience.
SCO 523787.03 SCO 523787.04	Hydraulic System	Auxiliary solenoid voltage problem. Visually inspect around the batteries and alternator for any visual signs of damage or accumulated debris. Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.
SCO 523801.02 SCO 523804.02 SCO 523804.03 SCO 523804.04 SCO 523805.02 SCO 523805.03 SCO 523805.04	Hydraulic System	Single lever control switch circuit problem. Restart vehicle. Have John Deere dealer repair at earliest convenience.

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SCO 523910.02	Hydraulic System	Control unit problem. Have John Deere dealer repair at earliest convenience.
SCO 523930.05 SCO 523930.06 SCO 523931.05 SCO 523931.06	Hydraulic System	SCV directional valve solenoid current problem. Have John Deere dealer repair at earliest convenience.
SCO 523936.05 SCO 523936.06 SCO 523937.05 SCO 523937.06	Hydraulic System	Flow control valve solenoid current problem. Have John Deere dealer repair at earliest convenience.
SCO 523942.31	SCV VI On	Operator out of seat with SCV VI on.
SCO 523943.31	SCV V On	Operator out of seat with SCV V on.
SCO 524016.03 SCO 524016.04	Hydraulic System	Controller supply voltage problem. Visually inspect around the batteries and alternator for any visual signs of damage or accumulated debris. Restart vehicle. If code returns, have John Deere dealer repair at earliest convenience.
SCO 524101.19 SCO 524101.31 SCO 524102.19 SCO 524102.31	Hydraulic System	SCV control lever problem. Have John Deere dealer repair at earliest convenience.

AutoTrac Steering System Control Unit Service Codes (SSU)

SSU 000084.09	Electronic Communication Error	Wheel speed message missing. Have John Deere dealer repair as soon as possible.
SSU 000162.02 SSU 000162.09	Steering System	Transmission mismatch or missing message. Have John Deere dealer repair as soon as possible

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SSU 000168.03 SSU 000168.04	Steering System	Unswitched supply voltage problem. Visually inspect around the batteries and alternator for any visual signs of damage or accumulated debris. If code returns, have John Deere dealer repair as soon as possible.
SSU 000177.09	Electronic Communication Error	Hydraulic oil temperature message missing. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
SSU 000523.09 SSU 000524.09 SSU 000525.09	Identification System	Gear message missing. Check fuses F6 for IVT or F35 for PowrQuad. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
SSU 000630.13	Steering System	Steering control unit not calibrated. Restart vehicle. Have John Deere dealer repair as soon as possible.
SSU 001079.03 SSU 001079.04	Steering System	Sensor supply voltage problem. Have John Deere dealer repair as soon as possible.
SSU 001504.09	Electronic Communication Error	Operator presence message missing. Sit in seat. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
SSU 001504.14	AutoTrac System	Operator not seated while AutoTrac in on. Sit in operator's seat and restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
SSU 001807.02 SSU 001807.03 SSU 001807.04 SSU 001807.05 SSU 001807.06 SSU 001807.10 SSU 001807.14	Steering System	Steering wheel position sensor problem. Have John Deere dealer repair as soon as possible.
SSU 522273.00	Steering System	Steering valve control circuit problem. Have John Deere dealer repair as soon as possible.

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SSU 522273.01 SSU 522385.14		
SSU 522387.07	Steering System	Wheel angle sensor problem. Have John Deere dealer repair as soon as possible.
SSU 522394.09	Electronic Communication Error	Terrain compensation module message missing. Check fuse F23. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.
SSU 523698.09	Electronic Communication Error	Ag Management Solutions (AMS) display message missing. Have John Deere dealer repair as soon as possible.
SSU 523766.02	AutoTrac System	AutoTrac activation code invalid. Have John Deere dealer repair as soon as possible.
SSU 523767.02	AutoTrac System	AutoTrac resume switch circuits problem. Have John Deere dealer repair as soon as possible.
SSU 523795.02	AutoTrac System	AutoTrac steering valve workport connections backwards. Have John Deere dealer repair as soon as possible.
SSU 523795.12	Steering System	Steering valve or harness faulty. Have John Deere dealer repair as soon as possible.
SSU 523795.13	Steering System	Controller calibration problem. Have John Deere dealer repair as soon as possible.
SSU 523810.01 SSU 523821.02	Steering System	Steering valve supply voltage problem. Have John Deere dealer repair as soon as possible.
SSU 523822.02 SSU 523822.07 SSU 523822.08 SSU 523822.10 SSU 523822.14	Steering System	AutoTrac wheel angle sensor problem. Inspect Wheel Angle Sensor and harness for damage. Restart vehicle. If code returns, have John Deere dealer repair as soon as possible.

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Service Code	Display	Solution
SSU 523824.03 SSU 523824.04 SSU 523824.05 SSU 523824.06 SSU 523824.10 SSU 523824.14	Steering System	Steering wheel position sensor voltage problem. Have John Deere dealer repair as soon as possible.
SSU 524168.09	Electronic Communication Error	Left hand reverser position message missing. Locate and remove fuse F15. Visually inspect fuse to determine if it is intact and replace if necessary. Restart vehicle and operate. If code returns, have John Deere dealer repair as soon as possible.
Tractor Equipment Control Unit (TEC)		
TEC 000639.14	Electronic Communication System	Controller problem. Have John Deere dealer repair as soon as possible.
TEC 522550.14	Incompatible Device	At least one non compliant device connected to connector. Have John Deere dealer repair as soon as possible.

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