CASE IH & NEW HOLLAND FAULT CODES  
TYPE CODE ERROR  
ENG 111 Engine Controller Failure - Hardware Failure  
ENG 115 Engine Speed Sensor (8.3, 9 Liter) or Cam Sensor (15 Liter) is failed  
ENG 121 Engine Position Sensor (8.3, 9 Liter) or Crankshaft Sensor (15 Liter) is failed  
ENG 122 Boost Pressure Sensor voltage is too high  
ENG 123 Boost Pressure Sensor voltage is too low  
ENG 124 Boost Pressure level has exceeded the warning limit.  
ENG 131 Decelerator or Hand Throttle (STD cab) Position potentiometer voltage is too high  
ENG 132 Decelerator or Hand Throttle (STD cab) Position potentiometer voltage is too low  
ENG 133 Decelerator (STD cab) Position potentiometer voltage is too high  
ENG 134 Decelerator (STD cab) Position potentiometer voltage is too low  
ENG 135 Oil Pressure Sensor voltage is too high  
ENG 141 Oil Pressure Sensor voltage is too low  
ENG 143 Oil Pressure level has fallen below the warning limit.  
ENG 144 Coolant Temperature Sensor voltage is too high  
ENG 145 Coolant Temperature Sensor voltage is too low  
ENG 146 Coolant Temperature level has exceeded the warning limit.  
ENG 147 Frequency Throttle Signal shorted high  
ENG 148 Frequency Throttle Signal shorted low  
ENG 151 Coolant Temperature level has exceeded the warning limit.  
ENG 153 Intake Manifold Temperature Sensor voltage is too high  
ENG 154 Intake Manifold Temperature Sensor voltage is too low  
ENG 155 Intake Manifold Temperature level has exceeded the warning limit.  
ENG 187 Sensor Supply 2 Voltage is too low.  
ENG 191 A/C clutch driver shorted to ground when ON.  
ENG 211 Communications problem with Armrest, Instrumentation, or Transmission Controllers  
ENG 212 Oil Temperature Sensor Voltage is too high  
ENG 213 Oil Temperature Sensor Voltage is too low  
ENG 214 Oil Temperature Sensor Voltage is above normal range  
ENG 219 Oil Level - remote reservoir is too low. Add oil.  
ENG 221 Ambient Air Pressure Sensor Voltage is too high  
ENG 222 Ambient Air Pressure Sensor Voltage is too low  
ENG 223 CORS - Burn Valve Solenoid is shorted either low or high  
ENG 227 Sensor Supply 2 Voltage is too high.  
ENG 234 Engine Speed has exceed the overspeed warning limit.  
ENG 235 Engine Coolant Level is low. Add coolant fluid.  
ENG 237 External Speed Multi Unit Sync Command Input Data Incorrect.  
ENG 241 Vehicle Speed Signal lost  
ENG 242 Vehicle Speed Signal intermittent / tampering  
ENG 243 Error detected in exhaust brake relay  
ENG 245 Fan Clutch Voltage too low  
ENG 254 Fuel Shutoff Valve Voltage too low  
ENG 255 Fuel Shutoff Valve Voltage too high  
ENG 259 Fuel Shutoff Valve mechanically stuck open.  
ENG 263 Fuel Temperature Sensor voltage is too high  
ENG 265 Fuel Temperature Sensor voltage is too low  
ENG 268 Fuel Pressure in pump is not changing with operating conditions.  
ENG 271 Front Pumping Control Valve current is low during Ã±click testÃ®  
ENG 272 Front Pumping Control Valve current is high  
ENG 273 Rear Pumping Control Valve current is low during Ã±click testÃ®  
ENG 274 Rear Pumping Control Valve current is high  
ENG 275 Front Pumping element is failed  
ENG 276 Injection Control Valve current is out of range  
ENG 277 Injection Control Valve is failed  
ENG 278 Fuel Lift Pump is failed  
ENG 279 Injection Control Valve current is out of range  
ENG 281 Front Pumping element is failed  
ENG 282 Rear Pumping element is failed  
ENG 283 Engine Speed/Position Sensor supply voltage is too high  
ENG 284 Engine Speed/Position Sensor supply voltage is too low  
ENG 285 J1939 Parameter was set to be multiplexed, but not received (timeout error)  
ENG 286 J1939 Parameter was set to be multiplexed, but not available from all sources (config error)  
ENG 287 Multiplexing throttle parameter and a data error was received - data invalid  
ENG 288 Multiplexing remote throttle parameter and a data error was received - data invalid  
ENG 293 Hydraulic Fan Hydraulic Oil Temperature Sensor Voltage is too high  
ENG 294 Hydraulic Fan Hydraulic Oil Temperature Sensor Voltage is too low  
ENG 295 Ambient Air Pressure data invalid  
ENG 297 OEM Pressure Sensor Voltage is too high.  
ENG 298 OEM Pressure Sensor Voltage is too low.  
ENG 299 Engine Shutdown by other than keyswitch (i.e. via data bus command)  
ENG 319 Real Time Clock in controller has lost power  
ENG 328 Rear Pumping element is failed  
ENG 329 CAPS Pump has an overpumping failure  
ENG 338 Idle Shutdown Vehicle Accessory Relay Voltage is too high  
ENG 339 Idle Shutdown Vehicle Accessory Relay Voltage is too low  
ENG 341 All data written during powerdown cycle was lost (checksum error)  
ENG 343 Engine Controller Failure - Hardware Failure  
ENG 349 Measured Speed is too high.  
ENG 352 5 Volt Sensor Supply voltage is too low  
ENG 378 Front Fueling current is too low  
ENG 379 Front fueling current is too high  
ENG 381 Error detected in cold start relay 1  
ENG 382 Error detected in cold start relay 2  
ENG 385 5 Volt Sensor Supply voltage is too high  
ENG 386 5 Volt Sensor Supply voltage is too high  
ENG 387 Decelerator or Hand Throttle (STD cab) 5 Volt Supply voltage is too high  
ENG 388 Engine Brake driver 1 circuit failure  
ENG 392 Engine Brake driver 2 circuit failure  
ENG 393 Engine Brake driver 3 circuit failure  
ENG 394 Front Timing current is too low.  
ENG 395 Front Timing current is too high.  
ENG 396 Rear Fueling current is too low  
ENG 397 Rear Fueling current is too high  
ENG 398 Rear Timing current is too low  
ENG 399 Rear Timing current is too high  
ENG 412 J1708 data link cannot transmit  
ENG 414 J1708 data link not fast enough  
ENG 415 Oil Pressure level has fallen below the very low warning limit.  
ENG 418 Water in Fuel sensor indicates the water in the fuel filter needs to be drained.  
ENG 419 Boost Pressure data invalid  
ENG 422 Engine Coolant Level Sensor (optional) is failed or the jumper plug is missing  
ENG 426 J1939 data link cannot transmit  
ENG 427 J1939 data link not fast enough  
ENG 428 Water in Fuel Sensor voltage is too high.  
ENG 429 Water in Fuel Sensor voltage is too low.  
ENG 431 Hand Throttle (STD cab) Idle Validation Switches are both closed  
ENG 432 Hand Throttle (STD cab) position potentiometer and switches disagree.  
ENG 433 Boost Pressure level disagrees with engine operation conditions (speed & power)  
ENG 434 Unswitched 12 volt supply voltage disconnected without normal key off sequence.  
ENG 435 Oil Pressure data invalid  
ENG 441 Battery Voltage is too Low (less than 6 volts)  
ENG 442 Battery Voltage is too High  
ENG 443 Decelerator or Hand Throttle (STD cab) 5 Volt Supply voltage is too low  
ENG 444 Low voltage detected at OEM 5 volt supply  
ENG 449 Fuel Pressure level has exceeded the warning limit.  
ENG 451 Fuel Pressure Sensor voltage is too high  
ENG 452 Fuel Pressure Sensor voltage is too low  
ENG 456 Fuel Pressure in pump is not changing with operating conditions.  
ENG 465 Wastegate 1 voltage is too high  
ENG 466 Wastegate 1 voltage is too low  
ENG 482 Fuel Pressure Sensor voltage low  
ENG 483 Rear Bank Post Actuactor Pressure voltage high  
ENG 484 Rear Bank Post Actuactor Pressure voltage low  
ENG 485 Rear Fueling actuator overfueling  
ENG 486 Rear Fueling actuator underfueling  
ENG 488 Intake Manifold Temperature level has exceeded the warning limit.  
ENG 489 Measured Speed Sensor data low  
ENG 491 Wastegate 2 voltage is too high  
ENG 492 Wastegate 2 voltage is too low  
ENG 493 The Injection Control Identifier Circuit in the harness has failed.  
ENG 496 Engine Speed / Position Sensor #2 supply is too low  
ENG 524 Error detected on high speed governor droop selection switch  
ENG 527 Cab pressurization/Ether relay coil circuit shorted high or open  
ENG 529 Output B driver shorted high or open  
ENG 539 The Injection Control Valve Transorb in the harness has failed. (open circuit)  
ENG 546 Fuel Pressure sensor voltage is too high.  
ENG 547 Fuel Pressure sensor voltage is too low.  
ENG 551 Hand Throttle (STD cab) Idle Validation Switches are both open  
ENG 553 Front fueling actuator overfueling  
ENG 559 Front fueling actuator underfueling  
ENG 581 Fuel inlet Pressure Sensor voltage is too high.  
ENG 582 Fuel inlet Pressure Sensor voltage is too low.  
ENG 583 Fuel Inlet Pressure Sensor voltageout of range high or low.  
ENG 595 Turbo overspeed protection fault  
ENG 596 Battery voltage is too high  
ENG 597 Battery voltage is too low  
ENG 598 Battery voltage is very low  
ENG 599 Engine is being shutdown based on OEM input  
ENG 611 ECM detected engine initiated protection shutdown or keyed-off while above specific load limit  
ENG 697 Engine Controller internal temperature too high  
ENG 698 Engine Controller internal temperature too low  
ENG 731 Engine Speed / Position #2 - Mechanical misalignment.  
ENG 753 Synchronization has been lost.  
ENG 755 Front Bank injector is bad.  
ENG 758 Rear Bank injector is bad  
ENG 951 A power imbalance between the cylinders was detected by the controller hardware  
ENG 983 Unused A/D input channel out of range.  
ENG 1117 Battery voltage too low, or the controller was not allowed to power down correctly  
ENG 1256 Control Module Identification Input State Error.  
ENG 1257 Control Module Identification Input State Error.  
ENG 2117 Engine Coolant Level is low. Add coolant fluid.  
ENG 2186 Supply Voltage to the accelerator pedal position sensor too low.  
ENG 2195 Auxiliary Equipment Sensor Input # 3 - Engine Protection Critical - Special Instructions.  
ENG 2249 Injector Metering Rail 1 Fuel Pressure lower than commanded pressure.  
ENG 2265 Electric Lift Pump for Engine Fuel Supply Voltage too high.  
ENG 2266 Electric Lift Pump for Engine Fuel Supply Voltage too low.  
ENG 2292 Fuel Inlet Meter Device higher than expected.  
ENG 2293 Fuel Inlet Meter Device flow demand lower than expected.  
ENG 2311 Electronic Fuel Injection Control Valve open or closed Circuit.  
ENG 2321 Engine Crankshaft Speed / Position data invalid.  
ENG 2322 Engine Camshaft Speed / Position Sensor data invalid.  
ENG 2372 Engine Fuel Filter clogged error  
ENG 2555 Intake Air Heater 1 Circuit Voltage too high.  
ENG 2558 Auxiliary PWM Driver 1 Circuit Voltage too low.  
ENG 2973 Intake Manifold 1 Pressure data invalid.  
TRANS 11 Master Clutch Potentiometer Open Circuit or short to ground  
TRANS 12 Master Clutch Potentiometer Short to +12 Volts or short to 5 Vreff  
TRANS 24 None of the transmission clutches are calibrated  
TRANS 37 BOC switch open circuit or Neutral relay stuck open  
TRANS 38 Shuttled to reverse when no wheel speed signal was available  
TRANS 47 Clutch pedal bottom of clutch switch misadjusted  
TRANS 48 BOC switch or Neutral relay short circuit  
TRANS 49 Auto Guidance Isolation valve driver Fault  
TRANS 50 Park Brake is powered off when in park  
TRANS 51 FNRP pod indicates Forward or Reverse is on, when Park is on  
TRANS 52 Park Brake is stuck on when commanded off  
TRANS 53 5 volt reference voltage too high  
TRANS 54 5 volt reference voltage too low  
TRANS 59 FNRP pod in illogical state (two positions on at same time)  
TRANS 60 FNRP pod in illogical state (in no position)  
TRANS 61 System pressure valve solenoid circuit is open circuit or shorted to ground  
TRANS 62 System pressure solenoid is shorted to B+  
TRANS 64 Transmission output Sped is too high (above 8200 RPM)  
TRANS 65 Operator attempted a shuttle operation while out of the seat  
TRANS 66 FNRP Pod Forward switch is shorted to ground or open circuit  
TRANS 67 FNRP Pod Forward switch is shorted to power  
TRANS 68 FNRP Pod Reverse switch is shorted to ground or open circuit  
TRANS 69 FNRP Pod Reverse switch is shorted to power  
TRANS 70 Battery voltage is too low for clutch solenoid operation  
TRANS 72 Transmission Oil Temperature is above 122 deg. C  
TRANS 73 Software is out of the calibration mode and the park brake request is still active.  
TRANS 74 The park brake ON with gear is engaged - no park brake request from calibration.  
TRANS 75 Engine speed from Inst Controller does not match the speed signal from the alternator.  
TRANS 76 Engine speed from Eninge Controller does not match the speed signal from the alternator.  
TRANS 77 No signal from wheel speed sensor  
TRANS 78 Transmission regulated pressure accumulator is discharged  
TRANS 79 Engine RPM from the alternator is measured too high  
TRANS 80 Wheel speed sensor is measured too high  
TRANS 81 Transmission clutches are slipping  
TRANS 82 Creep Clutch is not calibrated  
TRANS 83 Communications Lost with Engine Controller  
TRANS 103 Odd clutch solenoid or its wiring failed open or shorted to ground  
TRANS 104 Even clutch solenoid or its wiring failed open or shorted to ground  
TRANS 105 C1-2 clutch solenoid or its wiring failed open or shorted to ground  
TRANS 106 C3-4 clutch solenoid or its wiring failed open or shorted to ground  
TRANS 107 C5-6 clutch solenoid or its wiring failed open or shorted to ground  
TRANS 108 Master clutch solenoid or its wiring failed open or shorted to ground  
TRANS 109 Low range clutch solenoid or its wiring failed open or shorted to ground  
TRANS 110 Mid range clutch solenoid or its wiring failed open or shorted to ground  
TRANS 111 High range clutch solenoid or its wiring failed open or shorted to ground  
TRANS 112 Reverse clutch solenoid or its wiring failed open or shorted to ground  
TRANS 113 Creeper clutch solenoid or its wiring failed open or shorted to ground  
TRANS 114 Even clutch solenoid coil or its wiring shorted to power  
TRANS 115 Odd clutch solenoid coil or its wiring shorted to power  
TRANS 116 C1-2 clutch solenoid coil or its wiring shorted to power  
TRANS 117 C3-4 clutch solenoid coil or its wiring shorted to power  
TRANS 118 C5-6 clutch solenoid coil or its wiring shorted to power  
TRANS 119 Master clutch solenoid coil or its wiring shorted to power  
TRANS 120 Low range clutch solenoid coil or its wiring shorted to power  
TRANS 121 Mid range clutch solenoid coil or its wiring shorted to power  
TRANS 122 High range clutch solenoid coil or its wiring shorted to power  
TRANS 123 Reverse clutch solenoid coil or its wiring shorted to power  
TRANS 124 Creeper clutch solenoid coil or its wiring shorted to power  
TRANS 125 Odd clutch is not calibrated  
TRANS 126 Even clutch is not calibrated  
TRANS 127 C1-2 clutch is not calibrated  
TRANS 128 C3-4 clutch is not calibrated  
TRANS 129 C5-6 clutch is not calibrated  
TRANS 130 Low range clutch is not calibrated  
TRANS 131 Mid range clutch is not calibrated  
TRANS 132 High range clutch is not calibrated  
TRANS 133 Reverse clutch is not calibrated  
TRANS 134 Master clutch is not calibrated  
TRANS 135 Communication lost with the armrest controller  
TRANS 136 Communication lost with the instrumentation controller  
TRANS 137 Front Suspension raise lock solenoid circuit shorted or open circuit  
TRANS 138 Front Suspension raise solenoid circuit shorted or open circuit  
TRANS 139 Front Suspension lower lock solenoid circuit shorted or open circuit  
TRANS 140 Front suspension position is above the expected absolute limit  
TRANS 141 Front suspension position is below the expected absolute limit  
TRANS 142 Front suspension travel range has not been calibrated  
TRANS 143 Front suspension position is above the upper suspension range  
TRANS 144 Front suspension position is below the lower suspension range  
TRANS 145 Front Suspension lower lock solenoid circuit shorted or open circuit  
TRANS 146 Regulated system pressure low (below 100PSI / 689 KPA)  
TRANS 147 Regulated system pressure below 290 PSI  
TRANS 148 Backup alarm circuit shorted or open  
TRANS 150 Front suspension pressure sensor rod side (DA-R) out of range high  
TRANS 151 Front suspension pressure sensor rod side open circuit  
TRANS 152 Front Suspension pressure control not able to increase pressure on the rod side  
TRANS 153 Front Suspension pressure control not able to decrease pressure on the rod side  
TRANS 154 Front Suspension Lock Valve Stuck on fault (suspension will not lock)  
TRANS 155 Front Suspension Lock Valve is stuck of (suspension will not unlock)  
TRANS 156 Lock valve was installed but removed  
ARM 19 Hand THROTTLE potentiometer is failed  
ARM 29 Aux 1st remote valve LEVER potentiometer is failed  
ARM 39 Aux 2nd remote valve LEVER potentiometer is failed  
ARM 49 Aux 3rd remote valve LEVER potentiometer is failed  
ARM 59 Aux 4th remote valve LEVER potentiometer is failed  
ARM 69 HITCH POSITION command potentiometer is failed  
ARM 79 HITCH LOAD command potentiometer is failed  
ARM 89 Aux 1st remote valve FLOW potentiometer is failed  
ARM 99 Aux 2nd remote valve FLOW potentiometer is failed  
ARM 109 Aux 3rd remote valve FLOW potentiometer is failed  
ARM 119 Aux 4th remote valve FLOW potentiometer is failed  
ARM 129 Aux 5th remote valve FLOW potentiometer is failed  
ARM 139 Aux remote valve TIMER potentiometer is failed  
ARM 149 Hitch UPPER LIMIT potentiometer is failed  
ARM 159 Hitch DROP RATE potentiometer is failed  
ARM 169 Hitch TRAVEL potentiometer is failed  
ARM 1029 Aux 5th remote valve control switch is failed  
ARM 1039 PTO switch is failed  
ARM 1049 Hitch UP/DOWN switch is failed  
ARM 1059 Hitch SLIP switch is failed  
ARM 1069 MFD switch is failed  
ARM 1079 DIFF LOCK switch is failed  
ARM 1089 Programmable UP/DOWN switch is failed.  
ARM 1099 Aux remote valve LIMIT SET switch is failed  
ARM 1109 Hand Throttle IDLE VALIDATION switch is failed  
ARM 1119 RECORD/PLAY switch is failed  
ARM 1129 Invalid Configuration - Implement Depth Control switch is failed  
ARM 1139 Engine Brake switch is failed  
ARM 1149 Auto Field / Transport Switch is in an illogical state  
ARM 8011 Battery Voltage is too Low  
ARM 9011 Controller Memory Error - Loss of Hitch Position Command Calibration  
ARM 9012 Controller Memory Error - Loss of Aux Remote Lever Calibrations  
ARM 9013 Controller Memory Error - Loss of Throttle Calibrations  
ARM 9014 Controller Memory Error - Loss of MFD switch Configuration  
ARM 9015 Controller Memory Error - Loss of Trans switches Configuration  
ARM 9021 Hitch position command potentiometer calibration results not acceptable  
ARM 9031 Hand throttle potentiometer calibration results not acceptable  
ARM 9041 Hitch DROP RATE potentiometer calibration value(s) are out of range  
ARM 10091 Armrest Controller failure - 5 V regulator failure  
ARM 12013 Communications Lost with Data Bus and ALL other controllers  
ARM 12081 Loss of/unavailable Performance Monitor Display - RECORD/PLAY functionality disabled  
ENG 524 Error detected on high speed governor droop selection switch  
ENG 527 Cab pressurization/Ether relay coil circuit shorted high or open  
ENG 529 Output B driver shorted high or open  
ENG 539 The Injection Control Valve Transorb in the harness has failed. (open circuit)  
ENG 546 Fuel Pressure sensor voltage is too high.  
ENG 547 Fuel Pressure sensor voltage is too low.  
ENG 551 Hand Throttle (STD cab) Idle Validation Switches are both open  
ENG 553 Front fueling actuator overfueling  
ENG 559 Front fueling actuator underfueling  
ENG 581 Fuel inlet Pressure Sensor voltage is too high.  
ENG 582 Fuel inlet Pressure Sensor voltage is too low.  
ENG 583 Fuel Inlet Pressure Sensor voltageout of range high or low.  
ENG 595 Turbo overspeed protection fault  
ENG 596 Battery voltage is too high  
ENG 597 Battery voltage is too low  
ENG 598 Battery voltage is very low  
ENG 599 Engine is being shutdown based on OEM input  
ENG 611 ECM detected engine initiated protection shutdown or keyed-off while above specific load limit  
ENG 697 Engine Controller internal temperature too high  
ENG 698 Engine Controller internal temperature too low  
ENG 731 Engine Speed / Position #2 - Mechanical misalignment.  
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ENG 2265 Electric Lift Pump for Engine Fuel Supply Voltage too high.  
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ENG 2311 Electronic Fuel Injection Control Valve open or closed Circuit.  
ENG 2321 Engine Crankshaft Speed / Position data invalid.  
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ENG 2555 Intake Air Heater 1 Circuit Voltage too high.  
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TRANS 11 Master Clutch Potentiometer Open Circuit or short to ground  
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TRANS 24 None of the transmission clutches are calibrated  
TRANS 37 BOC switch open circuit or Neutral relay stuck open  
TRANS 38 Shuttled to reverse when no wheel speed signal was available  
TRANS 47 Clutch pedal bottom of clutch switch misadjusted  
TRANS 48 BOC switch or Neutral relay short circuit  
TRANS 49 Auto Guidance Isolation valve driver Fault  
TRANS 50 Park Brake is powered off when in park  
TRANS 51 FNRP pod indicates Forward or Reverse is on, when Park is on  
TRANS 52 Park Brake is stuck on when commanded off  
TRANS 53 5 volt reference voltage too high  
TRANS 54 5 volt reference voltage too low  
TRANS 59 FNRP pod in illogical state (two positions on at same time)  
TRANS 60 FNRP pod in illogical state (in no position)  
TRANS 61 System pressure valve solenoid circuit is open circuit or shorted to ground  
TRANS 62 System pressure solenoid is shorted to B+  
TRANS 64 Transmission output Sped is too high (above 8200 RPM)  
TRANS 65 Operator attempted a shuttle operation while out of the seat  
TRANS 66 FNRP Pod Forward switch is shorted to ground or open circuit  
TRANS 67 FNRP Pod Forward switch is shorted to power  
TRANS 68 FNRP Pod Reverse switch is shorted to ground or open circuit  
TRANS 69 FNRP Pod Reverse switch is shorted to power  
TRANS 70 Battery voltage is too low for clutch solenoid operation  
TRANS 72 Transmission Oil Temperature is above 122 deg. C  
TRANS 73 Software is out of the calibration mode and the park brake request is still active.  
TRANS 74 The park brake ON with gear is engaged - no park brake request from calibration.  
TRANS 75 Engine speed from Inst Controller does not match the speed signal from the alternator.  
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TRANS 77 No signal from wheel speed sensor  
TRANS 78 Transmission regulated pressure accumulator is discharged  
TRANS 79 Engine RPM from the alternator is measured too high  
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TRANS 81 Transmission clutches are slipping  
TRANS 82 Creep Clutch is not calibrated  
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TRANS 106 C3-4 clutch solenoid or its wiring failed open or shorted to ground  
TRANS 107 C5-6 clutch solenoid or its wiring failed open or shorted to ground  
TRANS 108 Master clutch solenoid or its wiring failed open or shorted to ground  
TRANS 109 Low range clutch solenoid or its wiring failed open or shorted to ground  
TRANS 110 Mid range clutch solenoid or its wiring failed open or shorted to ground  
TRANS 111 High range clutch solenoid or its wiring failed open or shorted to ground  
TRANS 112 Reverse clutch solenoid or its wiring failed open or shorted to ground  
TRANS 113 Creeper clutch solenoid or its wiring failed open or shorted to ground  
TRANS 114 Even clutch solenoid coil or its wiring shorted to power  
TRANS 115 Odd clutch solenoid coil or its wiring shorted to power  
TRANS 116 C1-2 clutch solenoid coil or its wiring shorted to power  
TRANS 117 C3-4 clutch solenoid coil or its wiring shorted to power  
TRANS 118 C5-6 clutch solenoid coil or its wiring shorted to power  
TRANS 119 Master clutch solenoid coil or its wiring shorted to power  
TRANS 120 Low range clutch solenoid coil or its wiring shorted to power  
TRANS 121 Mid range clutch solenoid coil or its wiring shorted to power  
TRANS 122 High range clutch solenoid coil or its wiring shorted to power  
TRANS 123 Reverse clutch solenoid coil or its wiring shorted to power  
TRANS 124 Creeper clutch solenoid coil or its wiring shorted to power  
TRANS 125 Odd clutch is not calibrated  
TRANS 126 Even clutch is not calibrated  
TRANS 127 C1-2 clutch is not calibrated  
TRANS 128 C3-4 clutch is not calibrated  
TRANS 129 C5-6 clutch is not calibrated  
TRANS 130 Low range clutch is not calibrated  
TRANS 131 Mid range clutch is not calibrated  
TRANS 132 High range clutch is not calibrated  
TRANS 133 Reverse clutch is not calibrated  
TRANS 134 Master clutch is not calibrated  
TRANS 135 Communication lost with the armrest controller  
TRANS 136 Communication lost with the instrumentation controller  
TRANS 137 Front Suspension raise lock solenoid circuit shorted or open circuit  
TRANS 138 Front Suspension raise solenoid circuit shorted or open circuit  
TRANS 139 Front Suspension lower lock solenoid circuit shorted or open circuit  
TRANS 140 Front suspension position is above the expected absolute limit  
TRANS 141 Front suspension position is below the expected absolute limit  
TRANS 142 Front suspension travel range has not been calibrated  
TRANS 143 Front suspension position is above the upper suspension range  
TRANS 144 Front suspension position is below the lower suspension range  
TRANS 145 Front Suspension lower lock solenoid circuit shorted or open circuit  
TRANS 146 Regulated system pressure low (below 100PSI / 689 KPA)  
TRANS 147 Regulated system pressure below 290 PSI  
TRANS 148 Backup alarm circuit shorted or open  
TRANS 150 Front suspension pressure sensor rod side (DA-R) out of range high  
TRANS 151 Front suspension pressure sensor rod side open circuit  
TRANS 152 Front Suspension pressure control not able to increase pressure on the rod side  
TRANS 153 Front Suspension pressure control not able to decrease pressure on the rod side  
TRANS 154 Front Suspension Lock Valve Stuck on fault (suspension will not lock)  
TRANS 155 Front Suspension Lock Valve is stuck of (suspension will not unlock)  
TRANS 156 Lock valve was installed but removed  
ARM 19 Hand THROTTLE potentiometer is failed  
ARM 29 Aux 1st remote valve LEVER potentiometer is failed  
ARM 39 Aux 2nd remote valve LEVER potentiometer is failed  
ARM 49 Aux 3rd remote valve LEVER potentiometer is failed  
ARM 59 Aux 4th remote valve LEVER potentiometer is failed  
ARM 69 HITCH POSITION command potentiometer is failed  
ARM 79 HITCH LOAD command potentiometer is failed  
ARM 89 Aux 1st remote valve FLOW potentiometer is failed  
ARM 99 Aux 2nd remote valve FLOW potentiometer is failed  
ARM 109 Aux 3rd remote valve FLOW potentiometer is failed  
ARM 119 Aux 4th remote valve FLOW potentiometer is failed  
ARM 129 Aux 5th remote valve FLOW potentiometer is failed  
ARM 139 Aux remote valve TIMER potentiometer is failed  
ARM 149 Hitch UPPER LIMIT potentiometer is failed  
ARM 159 Hitch DROP RATE potentiometer is failed  
ARM 169 Hitch TRAVEL potentiometer is failed  
ARM 1029 Aux 5th remote valve control switch is failed  
ARM 1039 PTO switch is failed  
ARM 1049 Hitch UP/DOWN switch is failed  
ARM 1059 Hitch SLIP switch is failed  
ARM 1069 MFD switch is failed  
ARM 1079 DIFF LOCK switch is failed  
ARM 1089 Programmable UP/DOWN switch is failed.  
ARM 1099 Aux remote valve LIMIT SET switch is failed  
ARM 1109 Hand Throttle IDLE VALIDATION switch is failed  
ARM 1119 RECORD/PLAY switch is failed  
ARM 1129 Invalid Configuration - Implement Depth Control switch is failed  
ARM 1139 Engine Brake switch is failed  
ARM 1149 Auto Field / Transport Switch is in an illogical state  
ARM 8011 Battery Voltage is too Low  
ARM 9011 Controller Memory Error - Loss of Hitch Position Command Calibration  
ARM 9012 Controller Memory Error - Loss of Aux Remote Lever Calibrations  
ARM 9013 Controller Memory Error - Loss of Throttle Calibrations  
ARM 9014 Controller Memory Error - Loss of MFD switch Configuration  
ARM 9015 Controller Memory Error - Loss of Trans switches Configuration  
ARM 9021 Hitch position command potentiometer calibration results not acceptable  
ARM 9031 Hand throttle potentiometer calibration results not acceptable  
ARM 9041 Hitch DROP RATE potentiometer calibration value(s) are out of range  
ARM 10091 Armrest Controller failure - 5 V regulator failure  
ARM 12013 Communications Lost with Data Bus and ALL other controllers  
ARM 12081 Loss of/unavailable Performance Monitor Display - RECORD/PLAY functionality disabled  
DCU 19649 UREA Tank level error (CAN message or electrical with real sensor) |Level over CAN: SAE J1939 no Signal available Level sensor connected directly: Sensor Supply error |P203A Reagent -tank level sensor -open circuit   
DCU 19650 UREA Tank level error (CAN message or electrical with real sensor) \_Level over CAN: SAE J1939 Signal Not in Range Level sensor connected directly: SRC high \_P203D Reagent -tank level sensor -short circuit high  
DCU 19651 UREA Tank level error (CAN message or electrical with real sensor) |Level over CAN: SAE J1939 Erroneous Signal Level sensor connected directly: SRC low |P203C Reagent -tank level sensor - short circuit low  
DCU 19676 Ambient Temperature: SAE J1939 Check for CAN receive signal : (Signal Range Check: Signal not in range / Erroneous Signal / Signal not available) |SAE J1939 Check for CAN receive signal : (Ambient air temperature not in range) |P0600 Serial Communication Link  
DCU 19677 Ambient Temperature: SAE J1939 Check for CAN receive signal : (Signal Range Check: Signal not in range / Erroneous Signal / Signal not available) \_timeout \_P0071 Ambient Air Temperature Sensor Range/Performance  
DCU 19678 Ambient Temperature: SAE J1939 Check for CAN receive signal : (Signal Range Check: Signal notin range / Erroneous Signal / Signal not available) |too many CAN messages |P0071 Ambient Air Temperature Sensor Range/Performance  
DCU 19679 Ambient Temperature: SAE J1939 Check for CAN receive signal : (Signal Range Check: Signal not in range / Erroneous Signal / Signal not available) |SAE J1939 Check for CAN receive signal : (Barometric pressure not in range) |P0071 Ambient Air Temperature Sensor Range/Performance  
DCU 19721 EEPROM / Checksum failures |EEPROM write error |P062F Internal Control Module EEPROM Error  
DCU 19722 EEPROM / Checksum failures |No corresponding variant number error |P062F Internal Control Module EEPROM Error  
DCU 19723 EEPROM / Checksum failures |EEPROM communication error |P062F Internal Control Module EEPROM Error  
DCU 19724 EEPROM / Checksum failures \_EEPROM Detection error OR A Codierwort error |P062F Internal Control Module EEPROM Error  
DCU 19725 EEPROM / Checksum failures |Wrong EEPROM size |P062F Internal Control Module EEPROM Error  
DCU 19730 Ignition Ã±onÃ® signal K15 |digital input ignition ON not sensed during initialization |P2530 Ignition switch -plausibility error  
DCU 19739 Main Relay opens too early / too late |main relay shut off too late |P0687 ECM/PCM Power Relay Control Circuit High  
DCU 19740 Main Relay opens too early / too late |main relay short circuit |P0685 ECM/PCM Power Relay Control Circuit /Open  
DCU 19741 Main Relay opens too early / too late |main relay open circuit |P0687 ECM/PCM Power Relay Control Circuit High  
DCU 19742 Main Relay opens too early / too late \_main relay shut off too early (before EEPROM update) \_ P0685 ECM/PCM Power Relay Control Circuit /Open  
DCU 19748 Too high UREA Temperature in Pump module or Leakage test failed (Emergency shut off) \_over temperature detection (urea temp. in pump module) \_P2043 Reagent -temperature sensor of pump module -Out of range  
DCU 19749 Too high UREA Temperature in Pump module or Leakage test failed (Emergency shut off) |urea leakage detection (static or dynamic) |P202D Dynamic urea leakage test -Leakage detected  
DCU 19757 Group error path UREA injection control \_Error belonging to group UREA Injection control \_ P208B Reagent-pump -Not delivering  
DCU 19766 Group error path Air control \_Error belonging to group air control \_P20A7 Compressed air regulation valve  
DCU 19775 Group error path catalyst temperature \_Error belonging to group catalyst temperature out of range \_P0426 Plausibility of catalyst temperature sensors -Plausibility error (static)  
DCU 19784 Group error path NOx exceeded \_Error belonging to group NOx exceeded active \_P2000 Nox Trap Efficiency Below Threshold  
DCU 19793 Group error path UREA Tank empty \_Error belonging to group UREA tank empty active \_P203F Reagent -fluid level in tank -Too low  
DCU 19999 Unknown DCU15 fault code  
NEW HOLLAND ERROR CODES  
NH 1002 Radar disconnected  
NH 1003 Speed sensor error  
NH 1004 Speed sensor signal too High  
NH 1005 Speed sensor signal too High  
NH 1006 Slip control potentiometer signal too low  
NH 1007 Slip control potentiometer signal too High  
NH 1008 Raise / work switch failure  
NH 1009 Both external switches operated at the same time  
NH 1010 Height limit potentiometer signal too low  
NH 1011 Height limit potentiometer signal too high  
NH 1012 Drop rate potentiometer signal too low  
NH 1013 Drop rate potentiometer signal too high  
NH 1014 R/H load sensing pin signal too low  
NH 1015 R/H load sensing pin signal too high  
NH 1016 L/H load sensing pin signal too low  
NH 1017 L/H load sensing pin signal too high  
NH 1018 Both load sensing pin disconnected  
NH 1019 Load sensing pin voltage too low  
NH 1020 Load sensing pin voltage too high  
NH 1021 Position / draft control potentiometer too low  
NH 1022 Position / draft control potentiometer too high  
NH 1023 Control panel disconnected  
NH 1024 Perform Hydraulic Lift Autocalibration  
NH 1025 Mouse lift lever potentiometer signal too low  
NH 1026 Mouse lift lever potentiometer signal too high  
NH 1027 Maximum Lift arm position potentiometer too low  
NH 1028 Maximum Lift arm position potentiometer too high  
NH 1029 Hydraulic Control valve disconnected  
NH 1030 Ground signal open circuit ( not used )  
NH 1031 Chassis Harness Disconnected  
NH 1032 Draft Load potentiometer shorted to +12v  
NH 1033 Draft Load potentiometer open circuit  
NH 1049 Wheel speed sensor open circuit  
NH 1053 5 volt reference Short to +12v  
NH 1054 5 volt reference Short to ground.  
NH 1057 Module Failure ( not used )  
NH 1059 5 volt reference Open circuit ( not used )  
NH 1063 Lower solenoid open circuit  
NH 1064 Raise solenoid open circuit  
NH 1065 lower solenoid short circuit  
NH 1066 Raise solenoid short circuit  
NH 1067 EDC Hydraulic Valve supply too low  
NH 1068 Height limit Calibration Error  
NH 2001 'N' - Shuttle too fast error  
NH 2002 Flash N error  
NH 2003 'CP' - Clutch pedal required  
NH 2004 'P' - Handbrake error  
NH 2005 Creeper selection error  
NH 2011 Clutch Pedal Potentiometer Signal too Low  
NH 2012 Clutch Pedal Potentiometer Signal too High  
NH 2013 Up and Down buttons at same time  
NH 2014 Switch 4 / 5 error ( not used )  
NH 2015 HI / LO shift lever switches both closed  
NH 2016 Creeper Solenoid Short circuit  
NH 2021 Chassis Harness Error  
NH 2024 Synchro clutches not calibrated  
NH 2026 Engine speed too high  
NH 2027 Engine speed too low  
NH 2035 Dump solenoid circuit fault  
NH 2036 Dump solenoid open circuit  
NH 2037 Clutch Pedal switch open circuit  
NH 2038 Clutch 4 solenoid short circuit  
NH 2039 Clutch 4 solenoid open circuit  
NH 2040 Clutch 3 solenoid short circuit  
NH 2041 Clutch 3 solenoid open circuit  
NH 2042 Clutch 2 solenoid short circuit  
NH 2043 Clutch 2 solenoid open circuit  
NH 2044 Clutch 1 solenoid short circuit  
NH 2045 Clutch 1 solenoid open circuit  
NH 2046 Fuse 12 open circuit ( not used )  
NH 2047 Clutch pedal switch set too High  
NH 2048 Clutch pedal switch set too Low  
NH 2049 Wheel speed sensor short or open  
NH 2051 Oil temperature sensor open circuit  
NH 2052 Oil temperature sensor short circuit  
NH 2053 5 Volt Potentiometer Supply too High  
NH 2054 5 Volt Potentiometer Supply too Low  
NH 2055 No signal from wheel speed sensor  
NH 2056 Low Range switch open  
NH 2057 High Range switch open  
NH 2058 Seat switch closed for 25 hours  
NH 2059 Shuttle Lever switch disagree  
NH 2060 Synchro Fwd no longer engaged  
NH 2061 F/R Synchro Potentiometer signal too high  
NH 2062 F/R Synchro Potentiometer signal too low  
NH 2063 Synchro not moving to forward  
NH 2064 Synchro not moving to reverse  
NH 2065 Forward solenoid open circuit  
NH 2066 Reverse solenoid open circuit  
NH 2067 Forward solenoid circuit fault  
NH 2068 Reverse solenoid circuit fault  
NH 2069 Synchro reverse no longer engaged  
NH 2070 Voltage with lever in forward too high  
NH 2071 Voltage with lever in forward too low  
NH 2072 Voltage with lever in reverse too high  
NH 2073 Voltage with lever in reverse too low  
NH 2075 Flywheel Speed Sensor Frequency is too high  
NH 2075 Any period is too short, under 400 microseconds  
NH 2075 Any short period is longer than the corresponding long period  
NH 2075 Damper angle is below 50 degrees or above 85 degrees  
NH 2075 Calculated torque exceeds calibrated peak torque by more than 25%  
NH 2075 No usable signals from the flywheel sensor, and ERPM is greater than 300  
NH 2076 Flywheel Speed Sensor open circuit  
NH 2077 Flywheel Speed Sensor short circuit  
NH 2080 Synchro 4 no longer engaged  
NH 2081 4/5 Synchro Potentiometer signal too high  
NH 2082 4/5 Synchro Potentiometer signal too low  
NH 2083 Synchro 4 engaged error  
NH 2084 Synchro 5 engaged error  
NH 2085 Synchro 4 solenoid open circuit  
NH 2086 Synchro 5 solenoid open circuit  
NH 2087 Synchro 4 solenoid short to 12v  
NH 2088 Synchro 5 solenoid short to 12v  
NH 2089 Synchro 5 no longer engaged  
NH 2090 Output speed too high in creeper  
NH 2091 C3 Clutch not calibrated  
NH 2092 C4 Clutch not calibrated  
NH 2093 High Clutch not calibrated  
NH 2094 Low Clutch not calibrated  
NH 2095 C1 Clutch not calibrated  
NH 2096 C2 Clutch not calibrated  
NH 2097 Clutch 5 not calibrated  
NH 2098 C5 solenoid short to 12v  
NH 2099 C5 open circuit  
NH 2100 C5 dump solenoid short to 12v  
NH 2101 C5 dump solenoid open circuit  
NH 2124 Flywheel Torque Sensor not calibrated  
NH 2199 Creeper option not enabled  
NH 3001 Accelerator Pedal Signal - NOT PLAUSIBLE  
NH 3002 Accelerator Pedal Signal - SOURCE HIGH  
NH 3003 Accelerator Pedal Signal - SOURCE LOW  
NH 3004 Accelerator Pedal Signal - NO SIGNAL  
NH 3005 Accelerator Pedal Signal - ALL OTHER FAULTS  
NH 3006 Coolant Temperature Signal - ABOVE NORMAL  
NH 3007 Coolant Temperature Signal - SOURCE HIGH  
NH 3008 Coolant Temperature Signal - SOURCE LOW  
NH 3009 Coolant Temperature Signal - NO SIGNAL  
NH 3010 Air (boost) Temperature Signal - SOURCE HIGH  
NH 3011 Air (boost) Temperature Signal - SOURCE LOW  
NH 3012 Air (boost) Temperature Signal - NO SIGNAL  
NH 3014 Fuel Temperature Signal - ABOVE NORMAL  
NH 3015 Fuel Temperature Signal - SOURCE HIGH  
NH 3016 Fuel Temperature Signal - SOURCE LOW  
NH 3017 Fuel Temperature Signal - NO SIGNAL  
NH 3018 Boost Pressure Signal - ABOVE NORMAL  
NH 3019 Boost Pressure Signal - SOURCE HIGH  
NH 3020 Boost Pressure Signal - SOURCE LOW  
NH 3021 Boost Pressure Signal - NO SIGNAL  
NH 3022 Boost Pressure Signal - ALL OTHER FAULTS  
NH 3023 Atmospheric Pressure Signal - ABOVE NORMAL  
NH 3024 Atmospheric Pressure Signal - SOURCE HIGH  
NH 3025 Atmospheric Pressure Signal - SOURCE LOW  
NH 3026 Atmospheric Pressure Signal - NO SIGNAL  
NH 3027 Oil Pressure Signal - ABOVE NORMAL  
NH 3028 Oil Pressure Signal - BELOW NORMAL  
NH 3029 Oil Pressure Signal - SOURCE HIGH  
NH 3030 Oil Pressure Signal - SOURCE LOW  
NH 3031 Oil Pressure Signal - NO SIGNAL  
NH 3032 Oil Pressure Signal - ALL OTHER FAULTS  
NH 3033 Oil Temperature Signal - ABOVE NORMAL  
NH 3034 Oil Temperature Signal - SOURCE HIGH  
NH 3035 Oil Temperature Signal - SOURCE LOW  
NH 3036 Oil Temperature Signal - NO SIGNAL  
NH 3037 Power stage Fuel filter heater - SOURCE HIGH  
NH 3038 Power stage Fuel filter heater - SOURCE LOW  
NH 3039 Power stage Fuel filter heater - NO SIGNAL  
NH 3040 HS Power stage cold start heater relay - SOURCE HIGH  
NH 3041 HS Power stage cold start heater relay - SOURCE LOW  
NH 3042 HS Power stage cold start heater relay - NO SIGNAL  
NH 3043 Adapt.cylinder balancing Cylinder 1 - SOURCE HIGH  
NH 3044 Adapt.cylinder balancing Cylinder 5 - SOURCE HIGH  
NH 3045 Adapt.cylinder balancing Cylinder 3 - SOURCE HIGH  
NH 3046 Adapt.cylinder balancing Cylinder 6 - SOURCE HIGH  
NH 3047 Adapt.cylinder balancing Cylinder 2 - SOURCE HIGH  
NH 3048 Adapt.cylinder balancing Cylinder 4 - SOURCE HIGH  
NH 3049 Battery voltage signal - ABOVE NORMAL  
NH 3050 Battery voltage signal - BELOW NORMAL  
NH 3051 Battery voltage signal - SOURCE HIGH  
NH 3052 Battery voltage signal - SOURCE LOW  
NH 3053 LS Power stage cold start lamp - SOURCE HIGH  
NH 3054 LS Power stage cold start lamp - SOURCE LOW  
NH 3055 LS Power stage cold start lamp - NO SIGNAL  
NH 3056 Cold start heater monitoring - BELOW NORMAL  
NH 3057 Cold start heater monitoring - NOT PLAUSIBLE  
NH 3058 Cold start heater monitoring - SOURCE LOW  
NH 3059 Cold start heater monitoring - NO SIGNAL  
NH 3060 Injector solenoid valve Cylinder 1 - NOT PLAUSIBLE  
NH 3061 Injector solenoid valve Cylinder 1 - SOURCE HIGH  
NH 3062 Injector solenoid valve Cylinder 1 - SOURCE LOW  
NH 3063 Injector solenoid valve Cylinder 1 - NO SIGNAL  
NH 3064 Injector solenoid valve Cylinder 5 - NOT PLAUSIBLE  
NH 3065 Injector solenoid valve Cylinder 5 - SOURCE HIGH  
NH 3066 Injector solenoid valve Cylinder 5 - SOURCE LOW  
NH 3067 Injector solenoid valve Cylinder 5 - NO SIGNAL  
NH 3068 Injector solenoid valve Cylinder 3 - NOT PLAUSIBLE  
NH 3069 Injector solenoid valve Cylinder 3 - SOURCE HIGH  
NH 3070 Injector solenoid valve Cylinder 3 - SOURCE LOW  
NH 3071 Injector solenoid valve Cylinder 3 - NO SIGNAL  
NH 3072 Injector solenoid valve Cylinder 6 - NOT PLAUSIBLE  
NH 3073 Injector solenoid valve Cylinder 6 - SOURCE HIGH  
NH 3074 Injector solenoid valve Cylinder 6 - SOURCE LOW  
NH 3075 Injector solenoid valve Cylinder 6 - NO SIGNAL  
NH 3076 Injector solenoid valve Cylinder 2 - NOT PLAUSIBLE  
NH 3077 Injector solenoid valve Cylinder 2 - SOURCE HIGH  
NH 3078 Injector solenoid valve Cylinder 2 - SOURCE LOW  
NH 3079 Injector solenoid valve Cylinder 2 - NO SIGNAL  
NH 3080 Injector solenoid valve Cylinder 4 - NOT PLAUSIBLE  
NH 3081 Injector solenoid valve Cylinder 4 - SOURCE HIGH  
NH 3082 Injector solenoid valve Cylinder 4 - SOURCE LOW  
NH 3083 Injector solenoid valve Cylinder 4 - NO SIGNAL  
NH 3084 Injector Booster Voltage C1 - SOURCE HIGH  
NH 3085 Injector Booster Voltage C1 - SOURCE LOW  
NH 3086 Injector Booster Voltage C2 - SOURCE HIGH  
NH 3087 Injector Booster Voltage C2 - SOURCE LOW  
NH 3088 Increment speed signal - NOT PLAUSIBLE  
NH 3089 Increment speed signal - SOURCE LOW  
NH 3090 Segment speed signal - NOT PLAUSIBLE  
NH 3091 Segment speed signal - SOURCE LOW  
NH 3092 Engine Speed Sensing - NOT PLAUSIBLE  
NH 3093 Engine Speed Sensing - SOURCE HIGH  
NH 3094 Engine Speed Sensing - SOURCE LOW  
NH 3095 Engine Speed Sensing - NO SIGNAL  
NH 3096 CAN (A) Hardware - NO SIGNAL  
NH 3097 CAN (B) Hardware - NO SIGNAL  
NH 3098 CAN TSC1\_TE Control - SOURCE LOW  
NH 3099 CAN TSC1\_TE Control - NO SIGNAL - CAN TE and CAN AE (Torque Request) error codes may be generated due to normal shutdown timing differences between the ECU and the XCM. If so, the actual error code 3096 or 3097 should also be displayed.  
NH 3100 CAN TSC1\_AE Control - SOURCE LOW  
NH 3101 CAN TSC1\_AE Control - NO SIGNAL  
NH 3102 Fuel pressure monitoring CP3 - ALL OTHER FAULTS  
NH 3102 Possible Causes: • Low fuel supply to CP3 (filter restriction). • Low output from CP3 • CP3 PWM fault (Check PWM output in Atlas, min 3% at engine idle, max 24% at full load Above 24% indicates excessive fuel leakage from the overpressure valve in the rail or Injector/transfer tube (remove the fuel return lines to check).   
NH 3103 Fuel pressure signal - ABOVE NORMAL  
NH 3104 Fuel pressure signal - SOURCE HIGH  
NH 3105 Fuel pressure signal - SOURCE LOW  
NH 3106 Fuel pressure signal - NO SIGNAL  
NH 3107 CC HS Power stage 1 fuel press. Control - SOURCE HIGH  
NH 3108 CC HS Power stage 1 fuel press. Control - SOURCE LOW  
NH 3109 CC HS Power stage 1 fuel press. Control - NO SIGNAL  
NH 3110 Monitoring of rail pressure relief valve - ABOVE NORMAL  
NH 3111 Monitoring of rail pressure relief valve - BELOW NORMAL  
NH 3112 Rail pressure Min / Max. error - SOURCE HIGH  
NH 3113 Main relay defect - ABOVE NORMAL  
NH 3114 Main relay defect - BELOW NORMAL  
NH 3115 Main relay defect - NOT PLAUSIBLE  
NH 3116 Main relay defect - SOURCE HIGH  
NH 3117 ECU: Self Test Shutoff Paths ( Start Up ) - NOT PLAUSIBLE. Engine will derate to 1800 rpm.  
NH 3117 Possible Causes: • ECU power failed when the engine was running or engine shut down process was incorrect.   
NH 3118 Power supply for sensors - NOT PLAUSIBLE  
NH 3119 Power supply for sensors - NO SIGNAL  
NH 3120 Power supply for sensors - ALL OTHER FAULTS  
NH 3121 PTO Torque sensor open circuit  
NH 3122 PTO Torque sensor short circuit  
NH 3123 PTO Torque not CAL error  
NH 3124 Hand Throttle potentiometer 2 high error.  
NH 3125 Hand Throttle potentiometer 2 Low error.  
NH 3126 Hand Throttle potentiometer 1 high error.  
NH 3127 Hand Throttle potentiometer 1 Low error.  
NH 3128 Hand Throttle potentiometer diff. error.  
NH 3129 Hand Throttle idle switch high error  
NH 3130 Hand Throttle idle switch low error  
NH 3131 ECU self test shutoff paths (start up)  
NH 3132 CRPM Switch short  
NH 4001 Signal of Aux-stick (AUX1) out of range low  
NH 4002 Signal of Aux-stick (AUX1) out of range high  
NH 4003 Signal from Remote Flow potentiometer 1 (AUX 1) out of range.  
NH 4005 Signal of Aux-stick (AUX2) out of range low  
NH 4006 Signal of Aux-stick (AUX2) out of range high  
NH 4007 Signal from Remote Flow potentiometer 2 (AUX 2) out of range.  
NH 4008 Signal from Remote valve 2 Timer Pot 1 out of range  
NH 4009 Signal of Aux-stick (AUX3) out of range low  
NH 4010 Signal of Aux-stick (AUX3) out of range high  
NH 4011 Signal from Remote Flow potentiometer 3 (AUX 3) out of range.  
NH 4015 Signal from Remote Flow potentiometer 4 (AUX 4) out of range.  
NH 4016 Signal from Remote valve Timer potentiometer 1 out of range.  
NH 4040 Supply Voltage too low  
NH 4041 Supply Voltage too High  
NH 4042 Arm Rest Module (ARU) CAN 'Bus off'.  
NH 4043 Controller Fault ( Register check)  
NH 4044 Controller Fault (Flash Memory)  
NH 4045 Controller Fault (Data Memory)  
NH 4100 Remote No.1 No control Message Received  
NH 4101 Remote No.1 Control Message not plausible  
NH 4102 Remote No.1 EEPROM Error  
NH 4103 Remote No.1 Switched to failsafe  
NH 4104 Remote No.1 Under voltage  
NH 4105 Remote No.1 Over voltage  
NH 4106 Remote No.1 Spool movement to low  
NH 4107 Remote No.1 Spool movement to high  
NH 4108 Remote No.1 Float position not reached  
NH 4109 Remote No.1 Manually operated  
NH 4110 Remote No.1 Driver faulty  
NH 4111 Remote No.1 potentiometer faulty.  
NH 4112 Remote No.1 Unable to reach neutral  
NH 4113 Remote No.1 Spool not in neutral at key on  
NH 4114 Remote No.2 No control Message Received  
NH 4115 Remote No.2 Control Message not plausible  
NH 4116 Remote No.2 EEPROM Error  
NH 4117 Remote No.2 Switched to failsafe  
NH 4118 Remote No.2 Under voltage  
NH 4119 Remote No.2 Over voltage  
NH 4120 Remote No.2 Spool movement to low  
NH 4121 Remote No.2 Spool movement to high  
NH 4122 Remote No.2 Float position not reached  
NH 4123 Remote No.2 Manually operated  
NH 4124 Remote No.2 Driver faulty  
NH 4125 Remote No.2 potentiometer faulty  
NH 4126 Remote No.2 Unable to reach neutral  
NH 4127 Remote No.2 Spool not in neutral at key on  
NH 4128 Remote No.3 No control Message Received  
NH 4129 Remote No.3 Control Message not plausible  
NH 4130 Remote No.3 EEPROM Error  
NH 4131 Remote No.3 Switched to failsafe  
NH 4132 Remote No.3 Under voltage  
NH 4133 Remote No.3 Over voltage  
NH 4134 Remote No.3 Spool movement to low  
NH 4135 Remote No.3 Spool movement to high  
NH 4136 Remote No.3 Float position not reached  
NH 4137 Remote No.3 Manually operated  
NH 4138 Remote No.3 Driver faulty  
NH 4139 Remote No.3 potentiometer faulty.  
NH 4140 Remote No.3 Unable to reach neutral  
NH 4141 Remote No.3 Spool not in neutral at key on  
NH 4142 Remote No.4 No control Message Received  
NH 4143 Remote No.4 Control Message not plausible  
NH 4144 Remote No.4 EEPROM Error  
NH 4145 Remote No.4 Switched to failsafe  
NH 4146 Remote No.4 Under voltage  
NH 4147 Remote No.4 Over voltage  
NH 4148 Remote No.4 Spool movement to low  
NH 4149 Remote No.4 Spool movement to high  
NH 4150 Remote No.4 Float position not reached  
NH 4151 Remote No.4 Manually operated  
NH 4152 Remote No.4 Driver faulty  
NH 4153 Remote No.4 potentiometer faulty.  
NH 4154 Remote No.4 Unable to reach neutral  
NH 4155 Remote No.4 Spool not in neutral at key on  
NH 4156 Remote No.5 Spare  
NH 4157 Remote No.5 Spare  
NH 4158 Remote No.5 Spare  
NH 4159 Remote No.5 Spare  
NH 4160 Remote No.5 Spare  
NH 4161 Remote No.5 Spare  
NH 4162 Remote No.5 Spare  
NH 4163 Remote No.5 Spare  
NH 4164 Remote No.5 Spare  
NH 4165 Remote No.5 Spare  
NH 4166 Remote No.5 Spare  
NH 4167 Remote No.5 Spare  
NH 4168 Remote No.5 Spare  
NH 4170 EHR Control No. 1 not calibrated  
NH 4171 EHR Control No.1 open circuit  
NH 4172 EHR Control No.1 short circuit  
NH 4173 EHR Control No. 2 not calibrated  
NH 4174 EHR Control No.2 open circuit  
NH 4175 EHR Control No.2 short circuit  
NH 4176 Timer Switch No.1 / No.2 not connected  
NH 4177 EHR Control No. 3 not calibrated  
NH 4178 EHR Control No.3 open circuit  
NH 4179 EHR Control No.3 short circuit  
NH 4180 EHR Control No. 4 not calibrated  
NH 4181 EHR Control No.4 open circuit  
NH 4182 EHR Control No.4 short circuit  
NH 4183 Timer Switch No.3 / No.4 not connected  
NH 4184 EHR Joystick potentiometer X open circuit.  
NH 4185 EHR Joystick potentiometer X short circuit.  
NH 4186 EHR Joystick potentiometer Y open circuit.  
NH 4187 EHR Joystick potentiometer Y short circuit.  
NH 4190 No communications from (EHR) No.1.  
NH 4191 No communications from ( EHR) No.2.  
NH 4192 No communications from ( EHR) No.3.  
NH 4193 No communications from ( EHR) No. 4.  
NH 4194 Motor mode No.1 switch faulty  
NH 4195 Motor mode No.2 switch faulty  
NH 4196 Motor mode No.3 switch faulty  
NH 4197 Motor mode No. 4 switch faulty  
NH 5001 Rear PTO Brake Solenoid stuck off  
NH 5002 Rear PTO Brake Solenoid stuck on  
NH 5003 Rear PTO Brake output open circuit  
NH 5004 Rear PTO Brake driver over temperature ( not used )  
NH 5005 Brake switch open circuit  
NH 5007 Rear PTO Solenoid Stuck off  
NH 5008 Rear PTO solenoid circuit overcurrent  
NH 5024 Rear PTO not calibrated  
NH 5027 Rear PTO speed sensor open circuit (not implemented)  
NH 5033 Rear PTO cab N/C switch open circuit  
NH 5034 Rear fender PTO switch open / short to ground.  
NH 5035 Rear fender PTO switch input short to +12v  
NH 5036 PTO failure to Start  
NH 5037 Rear PTO cab N/O switch stuck closed  
NH 5038 Cab & fender PTO switches operated in 2 sec  
NH 5039 Incorrect voltage on fender PTO switch  
NH 5040 Rear fender PTO switches reversed ( not used )  
NH 5041 PTO disengaged due to assuasive load ( not used )  
NH 5042 PTO Management switch shorted  
NH 5099 Auto PTO mode not enabled  
NH 6020 FWD switch error  
NH 6021 FWD Solenoid Stuck on  
NH 6022 FWD Solenoid Stuck off  
NH 6023 FWD solenoid open circuit  
NH 7014 Difflock switch error  
NH 7015 Difflock Solenoid Stuck off  
NH 7016 Difflock Solenoid Stuck on  
NH 7017 Difflock solenoid open circuit  
NH 7018 Difflock driver over temperature  
NH 7024 Steering angle sensor not calibrated  
NH 7031 Steering angle sensor out of Maximum range  
NH 7032 Steering angle sensor out of Minimum range  
NH 8007 Front PTO Solenoid Stuck on  
NH 8008 Front PTO solenoid open circuit  
NH 8024 Front PTO not calibrated  
NH 8027 Front PTO speed sensor open circuit  
NH 8033 Front PTO cab N/C switch open circuit  
NH 8036 Front PTO failure to Start  
NH 8037 Front PTO cab N/O switch stuck closed  
NH 8099 Front PTO option not enabled  
NH 9001 Front HPL (High Pressure Lift) Potentiometer open circuit.  
NH 9002 Front HPL (High Pressure Lift) Potentiometer short circuit.  
NH 10001 Upper lockout Solenoid error  
NH 10002 Raise Solenoid error  
NH 10003 Lower Solenoid error  
NH 10004 Front Axle Potentiometer above threshold  
NH 10005 Front Axle Potentiometer below threshold  
NH 10007 Go up error, Suspension Unable to return to set point  
NH 10008 Go down error, Suspension Unable to return to set point  
NH 10009 Lower lockout Solenoid Error  
NH 10024 Front Suspension not calibrated  
NH 10099 Front Suspension mode not enabled  
NH 14001 Rear PTO speed short to VCC or open circuit  
NH 14002 Rear PTO speed short to Ground  
NH 14011 Engine speed sensor short to VCC or open circuit  
NH 14012 Engine speed sensor short to Ground  
NH 14015 The ADIC 5 volt reference voltage is too low - below 4 volts  
NH 14016 The ADIC 5 volt reference voltage is too high - above 6 volts  
NH 14021 Radar Ground speed short to VCC or open circuit  
NH 14022 Radar Ground speed short to Ground  
NH 14031 Front PTO speed short to VCC or open circuit  
NH 14032 Front PTO speed short to Ground  
NH 14041 Engine coolant temp short to VCC or open circuit  
NH 14042 Engine coolant temp short to Ground  
NH 14051 Fuel level sensor short to VCC or open circuit  
NH 14052 Fuel level sensor short to Ground  
NH 14061 Air brake pressure short to VCC or option set but sensor not connected  
NH 14071 Front Hitch Position short to 12 or 5 Volts  
NH 14072 Front Hitch Position short to Ground or open circuit  
NH 14081 Engine oil pressure short to 12 or 5 Volts  
NH 14082 Engine oil pressure short to Ground or open circuit  
NH 14091 Transmission output speed short to VCC or open circuit  
NH 14092 Transmission output speed short to Ground  
NH 14100 Air brake pressure not configured  
NH 14101 Fuel contaminated sensor Not connected  
NH 14200 EEPROM error  
NH 14900 Transmission module missing (DA/DB/DE/DF).  
NH 14901 Engine controller not present (EDC7)  
NH 14902 Auxiliry (optional) Controller Module missing (DD/DH).  
NH 14903 SCM controller missing (GA 12x12 only).  
NH 14904 Arm Rest Module (ARU) missing. (Steyr 16x16 only)  
NH 14905 KEYPAD missing  
NH 14906 Fast Steer Controller (KA) missing.  
NH 14907 DOG (Display Of Gears) missing.  
NH 15001 Exceeding safe operating wheel speed (10 km/h) with system still enabled or still active. Error code not active fast steer lamp flashes instead.  
NH 15002 Steering wheel control proximity sensor open circuit.  
NH 15003 Steering wheel control proximity sensor short circuit.  
NH 15006 Split valve LVDT open circuit.  
NH 15007 Split valve LVDT short circuit.  
NH 15008 Change valve Solenoid open circuit  
NH 15009 Change valve Solenoid short circuit across  
NH 15010 Safety switch Fail  
NH 15011 Maximum engagement time (5 minutes) elapsed.  
NH 15012 Split Valve spool stuck open  
NH 15013 Change valve or Split valve spools Stuck closed.  
NH 15014 Split Valve spool stuck in transition zone cant identify which steering mode the tractor is definitely in.  
NH 15015 Cold oil, temperature below 5 degrees C. Error code not active fast steer lamp flashes instead.  
NH 15024 System not calibrated.