

Complete list of Error Codes - Maxxum

Error Code Types

1. Rear hitch
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7. Differential lock
8. Front PTO
9. Front hitch
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11. Analogue Digital Instrument Cluster (ADIC)
12. Fast steer
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1. Rear Hitch

Error Code	Error Description
1002	Radar disconnected
1003	Speed sensor error
1004	Wheel speed sensor - signal too high
1006	Slip control potentiometer - voltage too low
1007	Slip control potentiometer - voltage too high
1008	Raise / work switch failure (command arm)
1009	Both external switches operated at the same time
1010	Height limit control potentiometer - voltage too low
1011	Height limit control potentiometer - voltage too high
1012	Drop rate control potentiometer - voltage too low
1013	Drop rate control potentiometer - voltage too high
1014	R/H load sensing pin - signal too low
1015	R/H load sensing pin - signal too high
1016	L/H load sensing pin - signal too low
1017	L/H load sensing pin - signal too high
1018	Both load sensing pins disconnected
1019	Load sensing pin 8 Volt reference - voltage too low
1020	Load sensing pin 8 Volt reference - voltage too high
1021	Draft sensitivity control potentiometer - voltage too low
1022	Draft sensitivity control potentiometer - voltage too high
1023	Command arm / control panel disconnected
1024	Perform the hydraulic lift calibration
1025	Position control potentiometer - voltage too low
1026	Position control potentiometer - voltage too high
1027	Lift arm position sensor - voltage too low
1028	Lift arm position sensor - voltage too high

1029	Hydraulic control valve disconnected
1030	Signal ground open circuit
1031	Chassis harness disconnected
1032	Draft control potentiometer - voltage too high
1033	Draft control potentiometer - voltage too low
1049	Wheel speed sensor open circuit
1053	5 Volt reference - short to +12 volt
1054	5 Volt reference - short to ground
1059	8 Volt reference error (draft load pins)
1063	Hydraulic valve lower solenoid - open circuit
1064	Hydraulic valve raise solenoid - open circuit
1065	Hydraulic valve lower solenoid - short circuit
1066	Hydraulic valve raise solenoid - short circuit
1067	Hydraulic valve supply voltage - voltage too low
1068	Height limit control not set to maximum during calibration
1070	Hydraulic ram configuration not set

2. Transmission

Error Code	Error Description
2001	'N' - Shuttle too fast error
2002	Flashing 'N' Error
2003	'CP' - Clutch pedal required
2004	'P' - Handbrake error
2005	Creeper selection error
2011	Clutch pedal potentiometer - signal low
2012	Clutch pedal potentiometer - signal high
2013	Upshift and downshift buttons pressed at same time
2015	High and low range switches both closed
2016	Creeper solenoid short to ground or high voltage
2021	Chassis harness disconnected
2024	All clutches and synchronisers require calibration
2026	Engine speed too high
2027	Engine speed too low
2035	Dump solenoid - short to ground or high voltage
2036	Dump solenoid - open circuit
2037	Clutch pedal switch open circuit
2038	Clutch 4 solenoid - short to ground or high voltage (16x16)
2038	High range PWM valve - short to ground or high voltage (24x24)
2039	Clutch 4 solenoid - open circuit (16x16)

2039	High range PWM valve - open circuit (24x24)
2040	Clutch 3 solenoid - short to ground or high voltage (16x16)
2040	Low range PWM valve - short to ground or high voltage (24x24)
2041	Clutch 3 solenoid - open circuit (16x16)
2041	Low range PWM valve - open circuit (24x24)
2042	Clutch 2 solenoid - short to ground or high voltage (16x16)
2043	Clutch 2 solenoid - open circuit (16x16)
2044	Clutch 1 solenoid - short to ground or high voltage (16x16)
2045	Clutch 1 solenoid - open circuit (16x16)
2047	Clutch pedal switch set too high
2048	Clutch pedal switch set too low
2049	Wheel speed sensor open circuit, short to ground or high voltage
2051	Oil temperature sensor - open circuit
2052	Oil temperature sensor - short to ground or high voltage
2053	5 volt sensor reference - too high
2054	5 volt sensor reference - too low
2055	No signal from wheel speed sensor
2056	Low range switch open
2057	High range switch open
2058	Seat switch closed
2059	Shuttle lever switch disagreement
2061	Forward / reverse synchroniser potentiometer - signal too high
2062	Forward / reverse synchroniser potentiometer - signal too low
2063	Forward synchroniser did not engage
2064	Reverse synchroniser did not engage
2065	Forward synchroniser solenoid - open circuit
2066	Reverse synchroniser solenoid - open circuit
2067	Forward synchroniser solenoid - short to ground or high voltage
2068	Reverse synchroniser solenoid - short to ground or high voltage
2070	Shuttle lever forward switch - voltage too high
2071	Shuttle lever forward switch - voltage too low
2072	Shuttle lever reverse switch - voltage too high
2073	Shuttle lever reverse switch - voltage too low
2075	No signal from flywheel speed sensor
2076	Flywheel speed sensor - open circuit
2077	Flywheel speed sensor - short circuit or high voltage
2081	4 / 5 range synchroniser potentiometer - signal high
2082	4 / 5 range synchroniser potentiometer - signal low
2083	1-4 range synchroniser engaged error
2084	5-8 range synchroniser engaged error

2085	1-4 range synchroniser solenoid - open circuit
2086	5-8 range synchroniser solenoid - open circuit
2087	1-4 range synchroniser solenoid - short to ground or high voltage
2088	5-8 range synchroniser solenoid - short to ground or high voltage
2091	Clutch 3 not calibrated
2092	Clutch 4 not calibrated
2093	High clutch not calibrated
2094	Low clutch not calibrated
2095	Clutch 1 not calibrated
2096	Clutch 2 not calibrated
2097	Clutch 5 not calibrated
2098	Clutch 5 solenoid - short circuit
2099	Clutch 5 solenoid - open circuit
2100	Clutch 5 dump solenoid - short circuit
2101	Clutch 5 dump solenoid - open circuit
2124	Flywheel torque sensor not calibrated (16x16)
2124	Flywheel torque sensor fitted in error (24x24)

3. Engine

Error Code	Error Description
3001	Foot throttle sensor - signal not plausible
3002	Foot throttle sensor - signal above range maximum
3003	Foot throttle sensor - signal below range minimum
3004	Foot throttle sensor - no signal
3006	Coolant temperature signal - signal not plausible
3007	Coolant temperature signal - signal above range maximum
3008	Coolant temperature signal - signal below range minimum
3010	Air intake temperature sensor - signal above range maximum
3011	Air intake temperature sensor - signal below range minimum
3015	Fuel temperature sensor - signal above range maximum
3016	Fuel temperature sensor - signal below range minimum
3019	Boost pressure sensor - signal above range maximum
3022	Boost pressure sensor - signal not plausible
3023	Atmospheric pressure sensor - signal not plausible
3024	Atmospheric pressure sensor - signal above range maximum
3025	Atmospheric pressure sensor - signal below range minimum
3028	Oil pressure too low
3029	Oil pressure sensor - short circuit to battery
3030	Oil pressure sensor - short circuit to ground

3032	Oil pressure sensor - value too high
3033	Oil temperature sensor - signal not plausible
3034	Oil temperature sensor - signal above range maximum
3035	Oil temperature sensor - signal below range minimum
3037	Boost pressure sensor - signal low
3038	Constant engine RPM activate / select switch - short circuit to battery
3047	High pressure pump relay - short circuit to battery
3048	High pressure pump relay - short circuit to ground
3051	Battery voltage to ECM - voltage too high
3052	Battery voltage to ECM - voltage too low
3060	Cylinder 1 - unclassifiable error in injector
3061	Cylinder 1 - injector cable short circuit (low side to battery)
3063	Cylinder 1 - injector cable short circuit (high side to battery)
3064	Cylinder 5 - unclassifiable error in injector
3065	Cylinder 5 - injector cable short circuit (low side to battery)
3067	Cylinder 5 - injector cable short circuit (high side to battery)
3068	Cylinder 3 - unclassifiable error in injector
3069	Cylinder 3 - injector cable short circuit (low side to battery)
3071	Cylinder 3 - injector cable short circuit (high side to battery)
3072	Cylinder 6 - unclassifiable error in injector
3073	Cylinder 6 - injector cable short circuit (low side to battery)
3075	Cylinder 6 - injector cable short circuit (high side to battery)
3076	Cylinder 2 - unclassifiable error in injector
3077	Cylinder 2 - injector cable short circuit (low side to battery)
3079	Cylinder 2 - injector cable short circuit (high side to battery)
3080	Cylinder 4 - unclassifiable error in injector
3081	Cylinder 4 - injector cable short circuit (low side to battery)
3083	Cylinder 4 - injector cable short circuit (high side to battery)
3088	Crankshaft sensor - no signal
3089	Crankshaft sensor - invalid signal
3090	Camshaft sensor - no signal
3091	Camshaft sensor - invalid signal
3093	Offset between camshaft and crankshaft - outside boundaries
3095	Operating with camshaft sensor only - backup mode
3096	ECM busoff on CAN A
3102	Rail pressure sensor CP3 - signal below range minimum
3104	Rail pressure relief valve - open
3105	Rail pressure relief valve - pressure shock requested
3106	Rail pressure relief valve - did not open after pressure shock
3107	Metering unit - short circuit to ground

3108	Metering unit - short circuit to battery
3110	Rail pressure sensor monitoring - signal below range minimum
3111	Rail pressure sensor monitoring - signal above range maximum
3112	Rail pressure sensor CP3 - signal above maximum range
3121	PTO twist sensor - open circuit
3122	PTO twist sensor - short circuit to ground
3123	PTO twist sensor - not calibrated
3124	Hand throttle - channel 2 signal above range maximum
3125	Hand throttle - channel 2 signal below range minimum
3126	Hand throttle - channel 1 signal above range maximum
3127	Hand throttle - channel 1 signal below range minimum
3128	Hand throttle - channel difference error
3129	Hand throttle - idle switch closed circuit
3130	Hand throttle - idle switch open circuit
3131	Grid heater always switched on
3137	Metering unit - open load
3138	Metering unit - temperature too high
3141	Fuel flow set point too low
3142	High pressure test - test active
3145	Terminal 15 - no signal
3147	Oil temperature too high
3148	Coolant temperature sensor dynamic test - failure
3154	Grid heater relay - short circuit to battery
3155	Grid heater relay - short circuit to ground
3156	Grid heater relay - no load
3157	ECM not detected on CAN bus
3158	Invalid ECM checksum
3159	Invalid engine reference torque
3176	Set point of metering unit not plausible in overrun
3177	Engine over speed detected
3179	Timeout of CAN message BC2EDC2
3180	Timeout of CAN message VM2EDC
3182	Timeout of CAN message RxCCVS
3185	Timeout of CAN message TF
3188	Cylinder 1 warning - open load
3192	Cylinder 2 warning - open load
3196	Cylinder 3 warning - open load
3200	Cylinder 4 warning - open load
3204	Cylinder 5 warning - open load
3208	Cylinder 6 warning - open load

3210	Bank 1 - general short circuit to injection cable
3211	Bank 1 - injection cable short circuit low side to ground
3213	Bank 1 - unclassifiable error
3218	Bank 2 - general short circuit to injection cable
3219	Bank 2 - injection cable short circuit low side to ground
3221	Bank 2 - unclassifiable error
3227	Injection processor (CY33X) error - internal reset / clock loss / voltage too low
3228	Injection processor (CY33X) error - unlocked / initialisation failure
3229	Injection processor (CY33X) error - injections limited by software
3230	Injection processor (CY33X) error - SPI communication failure
3231	Injection processor error - internal reset / clock loss / voltage too low
3232	Injection processor error - unlocked / initialisation failure
3233	Injection processor error - test mode
3234	Injection processor error - SPI communication failure
3238	ECM internal SPI communications error - CJ940
3239	ECM EEPROM - read operation failure
3240	ECM EEPROM - write operation failure
3241	ECM EEPROM - default value used
3242	ECM (locked) recovery occurred
3243	ECM recovery (suppressed) - recovery occurred
3244	ECM recovery (visible) - recovery occurred
3245	ECM processor - watchdog not plausible
3246	Shutoff paths during initialisation - watchdog
3247	Shutoff paths during initialisation - supply voltage too high
3248	Shutoff paths during initialisation - supply voltage too low
3249	TPU monitoring - time deviation between TPU and system not plausible
3250	Dataset - variant defect
3251	Dataset - requested variant could not be set
3252	Controller watchdog - SPI communication failure
3253	ADC monitoring - reference voltage too low
3254	ADC monitoring - reference voltage too high
3255	ADC monitoring - test impulse error
3256	ADC monitoring - queue error
3263	ECM Busoff on CAN C
3265	Overrun monitoring
3266	Redundant engine speed in overrun monitoring
3278	ECM internal supply voltage too high
3279	ECM internal supply voltage too high
3280	Sensor supply voltage 1
3281	Sensor supply voltage 1

3283	Sensor supply voltage 2
3284	Sensor supply voltage 2
3285	Sensor supply voltage 3
3286	Sensor supply voltage 3
3297	Rail pressure positive deviation high and high fuel flow set point value
3301	Rail pressure negative deviation too high on minimum metering
3305	Rail pressure below minimum limit in controller mode
3309	Rail pressure above maximum limit in controlled mode
3313	Rail pressure drop rate too high
3316	Minimum number of injections not reached - stop engine
3334	Timeout of CAN message TSC1
3335	Timeout of CAN message TSC1
3338	Timeout of CAN message TSC1
3339	Timeout of CAN message TSC1
3345	Total throttle failure
3367	Coolant temperature test failure
3368	INFO: Torque limitation due to OBD Performance Limiter by legislation
3369	INFO: Torque reduction due to smoke reduction
3370	INFO: Torque limitation due to Engine Protection (against excessive torque, engine over speed and overheat
3371	INFO: Torque limitation due to Fuel Quantity Limitation because of injector system errors
3375	Constant engine RPM increase / decrease switch - short circuit to battery
3376	Engine controller software does not support power management (engine power management option enabled, but engine software not compatible)
3377	Constant Engine RPM switch detected but option is not enabled
3999	Unknown ECM SPN Error Code

4. Remote valves

Error Code	Error Description
4001	Signal of Aux-stick (AUX1) - out of range low (DV module only)
4002	Signal of Aux-stick (AUX1) - out of range high (DV module only)
4003	Signal from Remote Flow Pot 1 (AUX1) - out of range (DV module only)
4005	Signal of Aux-stick (AUX2) - out of range low (DV module only)
4006	Signal of Aux-stick (AUX2) - out of range high (DV module only)
4007	Signal from Remote Flow Pot 1 (AUX2) - out of range (DV module only)
4008	Signal from Remote valve 2 Timer Pot 1 - out of range (DV module only)
4009	Signal of Aux-stick (AUX3) - out of range low (DV module only)
4010	Signal of Aux-stick (AUX3) - out of range high (DV module only)
4011	Signal from Remote Flow Pot 3 (AUX 3) - out of range (DV module only)
4015	Signal from Remote Flow Pot 4 (AUX 4) - out of range (DV module only)

4016	Signal from Remote valve Timer Pot 1 - out of range (DV module only)
4040	Supply voltage - too low (DV module only)
4041	Supply voltage - too high (DV module only)
4042	ARU CAN busoff (DV module only)
4043	Controller fault - register check (DV module only)
4044	Controller fault - flash memory (DV module only)
4045	Controller fault - data memory (DV module only)
4100	Rear remote no.1 - no control message received
4101	Rear remote no.1 - control message not plausible
4102	Rear remote no.1 - EEPROM error
4103	Rear remote no.1 - switched to failsafe
4104	Rear remote no.1 - under voltage
4105	Rear remote no.1 - over voltage
4106	Rear remote no.1 - spool movement too low
4107	Rear remote no.1 - spool movement too high
4108	Rear remote no.1 - float position not reached
4109	Rear remote no.1 - manually operated
4110	Rear remote no.1 - driver faulty
4111	Rear remote no.1 - potentiometer faulty
4112	Rear remote no.1 - unable to reach neutral
4113	Rear remote no.1 - spool not in neutral at key on
4114	Rear remote no.2 - no control message received
4115	Rear remote no.2 - control message not plausible
4116	Rear remote no.2 - EEPROM error
4117	Rear remote no.2 - switched to failsafe
4118	Rear remote no.2 - under voltage
4119	Rear remote no.2 - over voltage
4120	Rear remote no.2 - spool movement too low
4121	Rear remote no.2 - spool movement too high
4122	Rear remote no.2 - float position not reached
4123	Rear remote no.2 - manually operated
4124	Rear remote no.2 - driver faulty
4125	Rear remote no.2 - potentiometer faulty
4126	Rear remote no.2 - unable to reach neutral
4127	Rear remote no.2 - spool not in neutral at key on
4128	Rear remote no.3 - no control message received
4129	Rear remote no.3 - control message not plausible
4130	Rear remote no.3 - EEPROM error
4131	Rear remote no.3 - switched to failsafe
4132	Rear remote no.3 - under voltage

4133	Rear remote no.3 - over voltage
4134	Rear remote no.3 - spool movement too low
4135	Rear remote no.3 - spool movement too high
4136	Rear remote no.3 - float position not reached
4137	Rear remote no.3 - manually operated
4138	Rear remote no.3 - driver faulty
4139	Rear remote no.3 - potentiometer faulty
4140	Rear remote no.3 - unable to reach neutral
4141	Rear remote no.3 - spool not in neutral at key on
4142	Rear remote no.4 - no control message received
4143	Rear remote no.4 - control message not plausible
4144	Rear remote no.4 - EEPROM error
4145	Rear remote no.4 - switched to failsafe
4146	Rear remote no.4 - under voltage
4147	Rear remote no.4 - over voltage
4148	Rear remote no.4 - spool movement too low
4149	Rear remote no.4 - spool movement too high
4150	Rear remote no.4 - float position not reached
4151	Rear remote no.4 - manually operated
4152	Rear remote no.4 - driver faulty
4153	Rear remote no.4 - potentiometer faulty
4154	Rear remote no.4 - unable to reach neutral
4155	Rear remote no.4 - spool not in neutral at key on
4156	Rear remote no.5 - no control message received
4157	Rear remote no.5 - control message not plausible
4158	Rear remote no.5 - EEPROM error
4159	Rear remote no.5 - switched to failsafe
4160	Rear remote no.5 - under voltage
4161	Rear remote no.5 - over voltage
4162	Rear remote no.5 - spool movement too low
4163	Rear remote no.5 - spool movement too high
4164	Rear remote no.5 - float position not reached
4165	Rear remote no.5 - manually operated
4166	Rear remote no.5 - driver faulty
4167	Rear remote no.5 - potentiometer faulty
4168	Rear remote no.5 - unable to reach neutral
4169	Rear remote no.5 - spool not in neutral at key on
4170	Rear EHR control No.1 - not calibrated (DU module only)
4171	Rear EHR control No.1 - open circuit (DU module only)
4172	Rear EHR control No.1 - short circuit (DU module only)

4173	Rear EHR control No.2 - not calibrated (DU module only)	
4174	Rear EHR control No.2 - open circuit (DU module only)	
4175	Rear EHR control No.2 - short circuit (DU module only)	
4176	Rear EHR timer switch no.1/no.2 - not connected (DU module only)	
4177	Rear EHR control no.3 - not calibrated (DU module only)	
4178	Rear EHR control no.3 - open circuit (DU module only)	
4179	Rear EHR control no.3 - short circuit (DU module only)	
4180	Rear EHR control no.4 - not calibrated (DU module only)	
4181	Rear EHR control no.4 - open circuit (DU module only)	
4182	Rear EHR control no.4 - short circuit (DU module only)	
4183	Rear EHR timer switch no.3/no.4 - not connected (DU module only)	
4190	Rear remote no.1 - no communications	
4191	Rear remote no.2 - no communications	
4192	Rear remote no.3 - no communications	
4193	Rear remote no.4 - no communications	
4194	Rear EHR no.1 motor mode switch faulty (DU module only)	
4195	Rear EHR no.2 motor mode switch faulty (DU module only)	
4196	Rear EHR no.3 motor mode switch faulty (DU module only)	
4197	Rear EHR no.4 motor mode switch faulty (DU module only)	
EHR Diagnostics LEDs - Flash Codes		
Note: EHR valve may need the paint removed from the valve casing, next to the connector to see the LEDs.		
Flash codes are displayed on the EHR valve. The LED is internal and can be seen flashing through the plastic part of the valve casing, located next to the valve harness connector.		
The first flash sequence will be after a long pause, next sequence will be after a short pause.		
e.g. flash code 1 6 - long pause then 1 flash, short pause then 6 flashes, long pause then 1 flash		
Flash Code		Fault description
1st flash sequence	2nd flash sequence	
0	0	No fault
Control section or CAN faults		
1	1	No control message
1	3	Implausible control message
1	6	EEPROM inconsistent
1	7	No faults, but valve had switched off for > 1.4s and can only switch itself back on when set point = neutral has been received.
Minor faults		
2	1	Under voltage greater than customer value (optional shutdown in CAN version)
2	2	Over voltage > customer value (optional shutdown in CAN version)
2	3	Spool deflection too short (optional shutdown)

2	4	Spool deflection excessive
2	5	Open centre position not reached
2	6	Manual operation
Only when valve does not switch off automatically following faults 21 and 22		
3	1	Under voltage less than 8 Volt, valve shuts off output stage
3	2	Over voltage 36 - 45 Volt, valve shuts off output stage
Serious faults with internal safety shutdown		
4	1	High over voltage (greater than approximately 45 Volt)
4	2	Output stage fault (output stage for pilot solenoid valve)
4	3	Position transducer fault
Most serious faults with internal safety shutdown, external shutdown required		
8	1	Valve spool cannot be brought back to neutral position
8	2	Valve spool not in neutral when switch on
8	3	Checksum error

5. PTO

Error Code	Error Description
5003	Rear PTO brake output - open circuit
5005	Rear PTO brake switch - open circuit
5007	Rear PTO solenoid - stuck off
5008	Rear PTO solenoid - circuit over current
5033	Rear PTO cab normally closed switch - open circuit
5034	Rear PTO fender switch - open circuit / short to ground
5035	Rear PTO fender switch - input short to 12 Volt
5036	Rear PTO failure to start
5037	Rear PTO cab normally open switch - stuck closed
5042	Rear PTO management switch - stuck closed
5043	Rear PTO fender switch - stuck on
5098	Rear PTO fender switch option not enabled
5099	Auto PTO mode not enabled

6. 4WD

Error Code	Error Description
6020	FWD switch error
6021	FWD solenoid - stuck on
6022	FWD solenoid - stuck off
6023	FWD solenoid - open circuit

7. Differential lock

Error Code	Error Description
7014	Difflock switch error
7017	Difflock solenoid - open circuit
7024	Steering angle sensor - not calibrated
7032	Steering angle sensor - signal too low

8. Front PTO

Error Code	Error Description
8007	Front PTO solenoid - stuck on
8008	Front PTO solenoid - open circuit
8033	Front PTO cab normally closed switch - open circuit
8037	Front PTO cab normally open switch - stuck closed
8099	Front PTO option not enabled

9. Front Hitch

Error Code	Error Description
9001	Front hitch position sensor - short circuit to 12 Volt
9002	Front hitch position sensor - open circuit / short circuit to 0 Volt

10. Suspension

Error Code	Error Description
10001	Upper lockout solenoid error
10002	Raise solenoid error
10003	Lower solenoid error
10004	Front axle position sensor - threshold higher than set limit
10005	Front axle position sensor - threshold lower than set limit
10008	Go down error - suspension unable to return to set point
10009	Lower lockout solenoid error
10024	Front suspension not calibrated

11. Analogue Digital Instrument Cluster (ADIC)

Error Code	Error Description
14011	Engine speed sensor - short circuit to voltage (Vcc) or open circuit (mechanical engine only)
14012	Engine speed sensor - short circuit to ground (GND) (mechanical engine only)
14015	5 Volt supply voltage - too high
14016	5 Volt supply voltage - too low
14041	Engine coolant temperature sensor - short to Vcc or open circuit (mechanical engine only)
14042	Engine coolant temperature sensor - short to GND (mechanical engine only)
14051	Fuel level sensor - short circuit to Vcc or open circuit

14052	Fuel level sensor - short circuit to GND
14061	Air brake pressure sensor - short circuit to Vcc or option set but sensor not connected
14082	Engine oil pressure sensor - short circuit to GND (mechanical engine only)
14091	Transmission output speed sensor - short to Vcc or open circuit
14092	Transmission output speed sensor - short to GND
14097	Transmission oil pressure sensor short circuit to battery voltage
14098	Transmission oil pressure sensor short circuit to ground or open circuit
14100	Air brake pressure - not configured
14101	Fuel contaminated sensor - not connected (mechanical engine only)
14109	Transmission oil pressure sensor not configured
14110	Transmission oil pressure configuration mismatch
14200	EEPROM error
14900	Transmission controller missing (DR/DS/DT)
14901	Engine controller missing (EDC16)
14902	Auxiliary controller missing (DU/DV)
14903	SCM missing (12x12 transmission only)
14904	Armrest Controller missing
14905	Keypad missing
14906	Steering controller missing (KA)
14907	Gear Display missing

12. Fast steer

Error Code	Error Description
15001	Exceeding safe operating wheel speed with system still enabled or active
15002	Steering wheel control proximity sensor - open circuit
15003	Steering wheel control proximity sensor - short circuit
15006	Split valve Linear Variable Displacement Transducer (LVDT) - open circuit
15007	Split valve LVDT - short circuit
15008	Change valve solenoid - open circuit
15009	Change valve solenoid - short circuit across
15010	Safety switch fail
15012	Split valve spool - stuck open
15013	Change valve or split valve spools - stuck closed
15014	Split valve spool stuck in transition zone - cannot identify which steering mode the tractor is definitely in.
15015	Oil too cold (less than -5 degrees C (22 degrees F))
15024	System not calibrated

13. Climate Control

Error Code	Error Description
16111	Cab sensor open or shorted to power
16112	Cab sensor shorted to ground
16113	Outlet sensor open or shorted to power
16114	Outlet sensor shorted to ground
16115	Evaporator sensor open or shorted to power
16116	Evaporator sensor shorted to ground
16117	Outside air sensor open or shorted to power
16118	Outside air sensor shorted to ground
16120	Blower speed select potentiometer open or shorted to power
16121	Temperature select potentiometer open or shorted to power
16122	Mode select potentiometer open or shorted to power
16125	High pressure switch (+) input shorted to power
16126	High pressure switch (+) input shorted to ground
16127	High pressure switch (-) input shorted to power
16128	High pressure switch (-) input shorted to ground
16129	High pressure cycling error (2 in 1 minute)
16130	Low pressure switch (+) input shorted to power
16131	Low pressure switch (+) input shorted to ground
16132	Low pressure switch (-) input shorted to power
16133	Low pressure switch (-) input shorted to ground
16134	Low pressure switch open for greater than 1 minute

WARRANTY: Standard warranty terms apply.