

EZGO PDS (Curtis 1206MX) DIAGNOSTICS

WARNING

- Tampering with or unauthorized modification of this unit by non E-Z-GO personnel could result in serious personal injury, will void the warranty and result in permanent damage to the vehicle
- Possibility of electrical arc or battery explosion. Before removing/connecting batteries or electrical components, turn switch to 'TOW MAINTENANCE' position
- To disable electrical system, place switch in 'TOW MAINTENANCE' position and remove battery wire
- After reconnecting batteries, allow a minimum of 30 seconds before selecting 'RUN' position

To enter diagnostics mode

1. Turn Key Switch to 'OFF'
2. Move 'RUNH/TOW MAINTENANCE' switch to 'RUN'
3. Move direction selector switch from neutral position to 'REV' position five (5) times
4. After a confirming beep(s) sound, the diagnostic fault code will sound when a fault is detected
5. To exit diagnostic mode, select 'TOW MAINTENANCE' position

THE FOLLOWING CODES REQUIRE THAT THE REAR WHEELS BE RAISED BEFORE PERFORMING TESTS

Beep	Fault	Symptoms	Correction Required
1-1	Controller Failure	Vehicle will not run	Check motor wiring & motor Ω . Replace controller
1-2	Throttle fault	Solenoid clicks, will not run	Replace/adjust pedal box, harness
1-4	High Pedal disable	Vehicle will not run	Release pedal/check pedal box, linkage & switch
2-4	Solenoid coil failure or disconnected	Vehicle will not run	Check coil connections/wiring, replace solenoid if required
3-1	Solenoid driver fail	Vehicle will not run	Check coil wiring for shorts, replace controller
3-3	Solenoid did not close	Vehicle will not run	Check all solenoid wiring, replace solenoid if required
3-4	Field winding open	Solenoid clicks, will not run	Check motor & controller field connections, replace power harness or motor, if required
4-1	Armature open	Solenoid clicks, will not run	Check motor & controller armature connections, replace power harness or motor if required
4-3	Solenoid drop out	Vehicle stops	Check solenoid/wiring, replace if required

THE FOLLOWING CODES REQUIRE THAT THE VEHICLE BE OPERATED UNDER LOAD WHILE PERFORMING TESTS

Beep	Fault	Symptoms	Correction Required
1-3	Speed sensor fault	Vehicle runs slowly	Check speed sensor connections & magnet/torque, replace speed sensor if required
2-1	Low battery voltage	Vehicle performance reduced	Charge batteries/replace bad batteries
2-2	High battery voltage	Regen performance reduced	Check that battery voltage is less than 48 VDC
2-3	Thermal cutback	Vehicle performance reduced	Allow controller to cool, check heat sink bolt torque
3-2	Solenoid welded	Vehicle runs slowly	Replace solenoid
4-2	Motor stalled	Vehicle stopped	Remove mechanical blockage