

Error code	Description	Detection method	Repair
E00	Display system		
E0000	Voltage detection error of the Display (5V)	Logix test	Check Display
E0001	Voltage detection error of the Display (5V_SW)		
E0002	Voltage detection error of the Display (5V_SW2)	E-bike system	
E0003	LCD backlighting error		
E0004	Voltage detection error of the Display (5V)	E-bike system	
E0005	Voltage detection error of the Display (5V_SW)		
E0006	Voltage detection error of the Display (5V_SW2)		
E0007	Display EEPROM read/write error		
E0008	Display LCD driver IC defect	Logix test	
E0009	Light Sensor defect		
E0055	Software update incomplete	E-bike system	Software update
E01	Controller system		
E0100	Voltage detection error of the Controller (5V)	Logix test	Check Controller
E0101	Voltage detection error of the Controller (5V_SW)		
E0102	Voltage detection error of the Controller (12V)		
E0103	Light voltage output error of the Controller (6V)		
E0104	Motor control circuit defect	E-bike system	1. Check motorcable, 2. Check Controller, 3. Check Motor
E0105	Voltage detection error of the Controller (5V)		
E0106	Voltage detection error of the Controller (5V_SW)		
E0107	Voltage detection error of the Controller (12V)		
E0108	Light voltage output error of the Controller (6V)		
E0109	Slope sensor detection error		
E0110	Motor blocked		
E0155	Software update incomplete	E-bike system	Software update
E02	AGT system		
E0200	Voltage detection error of the AGT (5V_SW1)	Logix test	Check AGT unit
E0201	Voltage detection error of the AGT (5V_2)		
E0202	Voltage detection error of the AGT (15V_1)	E-bike system	
E0203	Voltage detection error of the AGT (5V_RE)		
E0204	Voltage detection error of the AGT (5V_SW1)	E-bike system	
E0205	Voltage detection error of the AGT (5V_2)		
E0206	Voltage detection error of the AGT (15V_1)		
E0207	Voltage detection error of the AGT (5V_RE)		
E0208	Home point detection error	Logix test	
E0209	AGT motor driver defect		
E0210	Gear position mismatch	E-bike system	1. Adjust shifting wire, 2. Check AGT unit
E0255	Software update incomplete	E-bike system	Software update
E03	Motor system		
E0300	Crank dead point sensor defect	Logix test	1. Check crank assemble position, 2. Check motorcable connection, 3. Check Motor
E0301	Crank direction sensor defect		
E0302	Crank RPM sensor defect	E-bike system	1. Check motorcable connection, 2. Check Motor
E0303	Coaster brake sensor defect		
E0304	Crank dead point sensor defect		
E0305	Crank RPM sensor defect		
E0306	Coaster brake sensor defect		
E0307	Motor temperature sensor defect		
E0308	Motor Hall sensor defect		
E0309	Torque sensor defect		
E0310	Torque sensor out of range		
E0311	Torque sensor reverse		
E0312	Software & Motor SPEC not match	Logix test	1. Check the tighten torque value of the 9 screws on the motor, 2. Check Motor
E0313	Torque sensor calibration value out of range		
E0355	Software update incomplete	E-bike system	Software update
E04	Battery system		
E0400	Voltage detection error of the Battery (36V)	Logix test	1. Check Controller, 2. Check Battery
E0401	Voltage detection error of the Battery (36V)		
E0402	Battery I2C Communication error	E-bike system	
E0403	Battery voltage out of range		
E05	Wheel speed sensor system		
E0500	Wheel speed sensor error	Logix test	1. Check magnet position, 2. Check displaycable connection, 3. Check speed sensor
E0501	Wheel speed sensor error		
E0502	Anti-tempering error	E-bike system	
E0502	Anti-tempering error	E-bike system	1. Check if speed senser been modified, 2. Check speed sensor & Magnet
E06	Display remote control button system		
E0600	"+" button defect	Logix test	1. Check connection between remote control and Display, 2. Check remote control, 3. Check display
E0601	"-" button defect		
E0602	"S" button defect		
E0603	"Power" button defect		
E0604	Brake cut-off sensor defect		
E07	AGT remote control button system		
E0700	"AT/MT" button defect	Logix test	1. Check connection between AGT remote control with Display, 2. Check AGT remote control, 3. Check display
E0701	"Upshift" button defect		
E0702	"Downshift" button defect		
E0703	I2C communication error		
E08	Communication system		
E0800	Display MCU <-> Power MCU communication error	E-bike system	1. Check displaycable connection, 2. Check Controller,
E0801	Display MCU <-> Motor MCU communication error		
E0802	Display MCU <-> AGT MCU communication error		
E0803	Display MCU <-> Torque MCU communication error		
E0804	Display MCU <-> All MCU communication error		
E0805	Firmware compatible problem		
E0806	Display <-> Cradle communication error		
E0806	Display <-> Cradle communication error	E-bike system	1. Check displaycable connection with AGT unit, 2. Check AGT unit 1. Disconnect USB cable before switch on bike, 2. Check displaycable connection, 3. Check Motor 1. Check displaycable connection, 2. Check motorcable connection, 3. Check Display, 4. Check Controller 1. Check Firmware SPEC between display, controller, sensor and motor 1. Check the contact between display & Cradle, 2. Check Cradle, 3. Check Display
E09	Light system		
E0900	Front light system error	Logix test	1. Check front light, 2. Check light cable
E0901	Rear light system error		
E10	Cable system		
E1000	Voltage detection error of the Battery (36V) from Display	Logix test	1. Check displaycable connection, 2. Check Display
E1001	Voltage detection error of the Battery (36V) from AGT		
E1002	Voltage detection error of the Battery (36V) from Display	E-bike system	1. Check displaycable, 2. Check Display
E1003	Voltage detection error of the Battery (36V) from AGT		

*Bold font as an important error message