

Error code	Description	Detection method	Repair
<b>E00</b>	<b>Display system</b>		
E0000	Voltage detection error of the Display (5V)	Logix diagnostics program - automatic	Change Display
E0001	Voltage detection error of the Display (5V_SW)	Logix diagnostics program - automatic	Change Display
E0002	Voltage detection error of the Display (5V_SW2)	Logix diagnostics program - automatic	Change Display
E0003	LCD backlighting abnormal error	Logix diagnostics program - manual test	Change Display
E0004	Voltage detection error of the Display (5V)	E-bike system	Change Display
E0005	Voltage detection error of the Display (5V_SW)	E-bike system	Change Display
E0006	Voltage detection error of the Display (5V_SW2)	E-bike system	Change Display
E0007	Display EEPROM read/write error	E-bike system	Change Display
E0008	Display LCD driver IC defect	E-bike system	Change Display
E0009	Light Sensor defect	Logix diagnostics program - manual test	Change Display
<b>E01</b>	<b>Controller system</b>		
E0100	Voltage detection error of the Controller (5V)	Logix diagnostics program - automatic	Change Controller
E0101	Voltage detection error of the Controller (5V_SW)	Logix diagnostics program - automatic	Change Controller
E0102	Voltage detection error of the Controller (12V)	Logix diagnostics program - automatic	Change Controller
E0103	Light voltage output error of the Controller (6V)	Logix diagnostics program - manual test	Change Controller
E0104	Motor control circuit defect	Logix diagnostics program - automatic	1.Check Motor cable, 2.Controller, 3.Motor
E0105	Voltage detection error of the Controller (5V)	E-bike system	Change Controller
E0106	Voltage detection error of the Controller (5V_SW)	E-bike system	Change Controller
E0107	Voltage detection error of the Controller (12V)	E-bike system	Change Controller
E0108	Light voltage output error of the Controller (6V)	E-bike system	Change Controller
E0109	Slope sensor detection error	E-bike system	Change Controller
E0110	Motor blocked	E-bike system	1.Check Motor cable, 2.Controller, 3.Motor
<b>E02</b>	<b>AGT system</b>		
E0200	Voltage detection error of the AGT (5V_SW1)	Logix diagnostics program - automatic	Change AGT
E0201	Voltage detection error of the AGT (5V_2)	Logix diagnostics program - automatic	Change AGT
E0202	Voltage detection error of the AGT (15V_1)	Logix diagnostics program - automatic	Change AGT
E0203	Voltage detection error of the AGT (5V_RE)	Logix diagnostics program - automatic	Change AGT
E0204	Voltage detection error of the AGT (5V_SW1)	E-bike system	Change AGT
E0205	Voltage detection error of the AGT (5V_2)	E-bike system	Change AGT
E0206	Voltage detection error of the AGT (15V_1)	E-bike system	Change AGT
E0207	Voltage detection error of the AGT (5V_RE)	E-bike system	Change AGT
E0208	Home point detection error	E-bike system	Change AGT
E0209	AGT motor driver defect	E-bike system	Change AGT
<b>E03</b>	<b>Motor system</b>		
E0300	Crank dead point sensor defect	Logix diagnostics program - manual test	Change Motor
E0301	Crank direction sensor defect	Logix diagnostics program - manual test	Change Motor
E0302	Crank RPM sensor defect	Logix diagnostics program - manual test	Change Motor
E0303	Chain RPM sensor defect	Logix diagnostics program - manual test	Change Motor
E0304	Crank dead point sensor defect	E-bike system	Change Motor
E0305	Crank RPM sensor defect	E-bike system	Change Motor
E0306	Chain RPM sensor defect	E-bike system	Change Motor
E0307	Motor temperature sensor defect	E-bike system	Change Motor
E0308	Motor Hall sensor defect	E-bike system	Change Motor
E0309	Torque sensor defect	E-bike system	Change Motor
<b>E04</b>	<b>Battery system</b>		
E0400	Voltage detection error of the Battery (36V) from Controller	Logix diagnostics program - automatic	Change Battery
E0401	Voltage detection error of the Battery (36V) from Controller	E-bike system	Change Battery
E0402	Battery I2C Communication error	E-bike system	Change Battery
E0403	Battery voltage out of range	E-bike system	Change Battery
<b>E05</b>	<b>Wheel speed sensor system</b>		
E0500	Wheel speed sensor error	Logix diagnostics program - automatic	Change wheel speed sensor
E0501	Wheel speed sensor error	E-bike system	Change wheel speed sensor
<b>E06</b>	<b>Display button system</b>		
E0600	"+" button defect	Logix diagnostics program - manual test	Change display button set
E0601	"-" button defect	Logix diagnostics program - manual test	Change display button set
E0602	"S" button defect	Logix diagnostics program - manual test	Change display button set
E0603	"Power" button defect	Logix diagnostics program - manual test	Change display button set
<b>E07</b>	<b>AGT button system</b>		
E0700	"AT/MT" button defect	Logix diagnostics program - manual test	Change AGT button set
E0701	"Upshift" button defect	Logix diagnostics program - manual test	Change AGT button set
E0702	"Downshift" button defect	Logix diagnostics program - manual test	Change AGT button set
E0703	I2C communication error	E-bike system	Change AGT button set
<b>E08</b>	<b>Communication system</b>		
E0800	Display MCU <-> Power MCU communication error	E-bike system	1.Check Controller, 2.Display cable
E0801	Display MCU <-> Motor MCU communication error	E-bike system	1.Check Controller, 2.Display cable
E0802	Display MCU <-> AGT MCU communication error	E-bike system	1.Check AGT, 2.AGT cable
E0803	Display MCU <-> Torque MCU communication error	E-bike system	Change Motor
E0804	Display MCU <-> All MCU communication error	E-bike system	1.Check Display, 2.All cable
<b>E09</b>	<b>Light system</b>		
E0900	Front light system error	Logix diagnostics program - manual test	1.Check front light, 2.Light cable
E0901	Rear light system error	Logix diagnostics program - manual test	1.Check rear light, 2.Light cable
<b>E10</b>	<b>Cable system</b>		
E1000	Voltage detection error of the Battery (36V) from Display	Logix diagnostics program - automatic	1.Check Display cable, 2.Display
E1001	Voltage detection error of the Battery (36V) from AGT	Logix diagnostics program - automatic	1.Check AGT cable, 2.AGT
E1002	Voltage detection error of the Battery (36V) from Display	E-bike system	1.Check Display cable, 2.Display
E1003	Voltage detection error of the Battery (36V) from AGT	E-bike system	1.Check AGT cable, 2.AGT

\*Bold font as an important error message