

# E-scooter Error codes Troubleshoot | Controller supplier: KECHUANGQI

Model	Error Code	Fault Symptom	Solution
T10	E1	Handlebar malfunction	<ol style="list-style-type: none"> <li>1. Check whether the handlebar connection line is normal</li> <li>2. Replace the handlebar</li> </ol>
	E2	Overvoltage protection	1. Replace the battery.
	E3	Undervoltage protection	<ol style="list-style-type: none"> <li>1. Charge the battery.</li> <li>2. Replace the battery.</li> </ol>
	E4	MOS tube malfunction or motor phase wire short circuit fault	<ol style="list-style-type: none"> <li>1. Replace the controller and the motor.</li> </ol>
	E5	Motor Hall malfunction	<ol style="list-style-type: none"> <li>1. Check if the motor connection line is properly connected.</li> <li>2. Replace the motor.</li> </ol>
	E6	Stall fault	<ol style="list-style-type: none"> <li>1. Check if the motor connection line is properly connected.</li> <li>2. Replace the motor.</li> </ol>
	E7	Controller operational amplifier malfunction	<ol style="list-style-type: none"> <li>1. Check if the controller connection line is properly connected.</li> <li>2. Replace the controller.</li> </ol>
	E8	Brake malfunction	<ol style="list-style-type: none"> <li>1. Replace the electronic brake</li> <li>2. Replace the motor</li> </ol>
	E9	Controller/instrument communication malfunction	<ol style="list-style-type: none"> <li>1. Check if the communication cable connection is normal.</li> <li>2. Check if the terminal of the instrument and the terminal of the controller are in good contact.</li> <li>3. If the instrument and controller terminals are in good contact, alternate replacing the controller and the instrument.</li> <li>4. Replace the controller and instrument as a set.</li> </ol>

## E-scooter Error codes Troubleshoot | Controller supplier: BSW

Model	Error Code	Fault Symptom	Solution
T10	E0	Communication Failure	1.Check communication line 2.Replace communication line
	E1	Throttle malfunction	1.Check throttle circuit 2.Replace throttle
	E5	Motor malfunction	1.Check motor control circuit 2.Replace motor
	E8	Brake malfunction	1.Check brake circuit 2.Replace brake