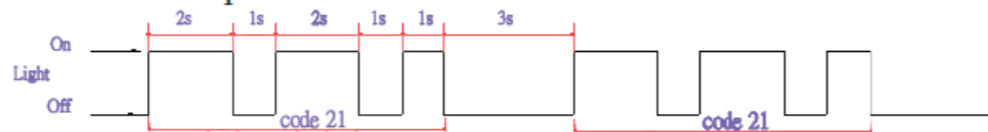


Error Code	Code Meaning	Potential Issue	ECU Response	Flash Code	Trouble Shooting
0X14	External EEPROM failure	External EEPROM hardware failure	Still Functions	1 Long, 4 Short	Disconnect then reconnect +12v power feeds, if the fault disappears, it is a false <u>alarm</u> and you can continue to use the system. If the fault remains, contact DCE.
0X21	Main torque sensor disconnected	The main circuit of the torque sensor is <u>disconnected</u> or the main torque sampling circuit of the circuit board is faulty	Switched Off	2 Long, 1 Short	
0X22	Output of main torque sensor abnormal	The main circuit of the torque sensor is <u>faulty</u> or the main torque sampling circuit of the circuit board is faulty	Switched Off	2 Long, 2 Short	
0X23	Auxiliary torque sensor disconnected	The secondary circuit of the torque sensor is <u>disconnected</u> or the auxiliary torque sampling circuit of the circuit board is faulty	Switched Off	2 Long, 3 Short	
0X24	Output of auxiliary torque sensor abnormal	The secondary circuit of the torque sensor is <u>faulty</u> or the auxiliary torque sampling circuit of the circuit board is faulty	Switched Off	2 Long, 4 Short	
0X25	Main and auxiliary torque sensor difference is too large	Torque sensor failure	Switched Off	2 Long, 5 Short	
0X32	Motor not turning	Motor disconnection or the hardware failure of controller drive unit	Switched Off	3 Long, 2 Short	
0X33	Overcurrent	Controller internal circuit is <u>short-circuit</u> .	Switched Off	3 Long, 3 Short	
0X37	Abnormal bus current	Hardware failure of the Controller bus current detection.	Switched Off	3 Long, 7 Short	
0x43	Motor terminal voltage abnormal	Hardware failure <u>of the</u> controller terminal voltage detection .	Motor damping function switched off	4 Long, 3 Short	
	No engine speed detected	External RPM not present or internal component failure	Switched Off	Solid light	Replace tuning box and check wiring harness. If the fault remains, contact DCE.
	No high power +12v	Fuse ruptured, wiring harness damaged or internal component failure	Switched Off	1 long, 1 Short	Check fuse and that wiring harness connections are good and tight. If the fault remains, contact DCE.

Electronic Fault Diagnosis Table

If there is a malfunction with an electronic part, the system will create a code to identify the problem. Each fault codes displays by a series of flashes with a fault light. Fault codes show with a light. Every fault code is composed of double digits, each double digit is indicated by a series of long and short flashes of light. Each long flash represents a tens digit and is 2 seconds in length and each short flash represents a single digit and is 1 second in length. There will be a 3 seconds space between the long flashes and the short flashes. For example: long flash \long flash \space \short flash represents the code number 21.

Example:



CUSTOMER:	DC Electronics		REVISION:
TITLE:	EPAS200 / EPAS500 Fault Codes		
PART NO:			
DRAWN BY:	D.Cunliffe	DATE:	30 th March 2023
CHECKED BY:		DATE:	
FILENAME:	EPAS200 Fault Codes 2023.vsd		