

Power Source Voltage Drop/Voltage Rise

Fault Code	Possible cause	Action
C1661;	Power source voltage too low	Ensure ABS ECM connector is secure.
C1662	Power source voltage too high	Disconnect ABS ECM connector and proceed to pinpoint test 1:

Pinpoint Tests

Test	Result	Action	
1	Check cable and terminal integrity: - ABS ECM connector pin 4 and ground pin 10	OK	Proceed to test 2
		Faulty	Rectify fault, proceed to test 5
2	Check the cable for continuity: - ABS ECM connector pin 10 and ground	OK	Proceed to test 3
		Faulty	Rectify wiring harness fault, proceed to test 5
3	Check battery voltage: With ignition 'ON', check the voltage between: - ABS ECM connector pin 4 and ground pin 10	Voltage greater than 11 V	Proceed to test 4
		Voltage less than 11 V	Locate and rectify fault, proceed to test 5
4	Check battery voltage: Reconnect ABS ECM connector and start the engine, check the voltage between: - Battery positive (red) terminal and negative (black) terminal	Voltage between 11 V and 16 V	Proceed to test 5
		Voltage greater than 16 V	Check the battery charging circuit. Locate and rectify fault, proceed to test 5
5	Clear fault code and test ABS to verify fault cleared.	OK	Action complete - quit test
		Fault still present	Contact Triumph service

Circuit Diagram

