

Headlight Relay

Fault Code	Possible cause	Action
P1619	Headlamp relay short circuit to ground or open circuit	View and note 'freeze-frame' data if available. Disconnect the engine ECM and proceed to pinpoint test 1:
P1620	Headlamp relay short circuit to battery Voltage	Disconnect the engine ECM and headlight relay and proceed to pinpoint test 4:

Pinpoint Tests

	Test	Result	Action
1	Check cable and terminal integrity: - ECM pin A18 - Headlamp relay pin 1 - Headlamp relay pin 2 - Check fuse box fuse 7 integrity	OK	Disconnect headlight relay and proceed to test 2
		Faulty	Rectify fault, proceed to test 5
2	Check cable for short circuit: - ECM pin A18 to ground	OK	Proceed to test 3
		Faulty	Locate and rectify wiring fault, replace relevant fuse, proceed to test 5
3	Check cable continuity: - ECM pin A18 to headlight relay pin 1 - Fuse box Fuse 7 to headlight relay pin 2	OK	Renew headlight relay, proceed to test 5
		Faulty	Locate and rectify wiring fault, proceed to test 5
4	Check cable for short circuit: - ECM pin A18 to fuse box fuse 7	OK	Renew headlight relay, proceed to test 5
		Short circuit	Renew headlight relay, proceed to test 5
5	Reconnect harness, clear fault code and run engine.	OK	Action complete - quit test
		Fault still present	Contact Triumph service

Circuit Diagram

