

Fuel Injectors

Fault Code	Possible cause	Action
P0201	Injector 1 circuit malfunction	View and note diagnostic software 'freeze-frame' data if available. Ensure relevant injector connector is secure. Disconnect the engine ECM and proceed to pinpoint test 1:
P0202	Injector 2 circuit malfunction	

Pinpoint Tests

Test	Result	Action	
1	Check cable and terminal integrity: - ECM pin A10 - ECM pin A11	OK	Proceed to test 2
		Faulty	Rectify fault, proceed to test 7
2	Check resistance value: - ECM pin A01 to ECM pin A10 (injector 1) - ECM pin A01 to ECM pin A11 (injector 2)	11.4 to 13 Ohms	Proceed to test 3
		Open circuit	Disconnect relevant injector and proceed to test 4
		Short circuit	Disconnect relevant injector and proceed to test 5
3	Check cable for short circuit to ground: - ECM pin A10 to ground - ECM pin A11 to ground	OK	Proceed to test 7
		Short circuit	Locate and rectify wiring fault, proceed to test 7
4	Check cable continuity: - EMS relay pin 5 to relevant injector pin 2 - ECM pin A10 to injector 1 pin 1 - ECM pin A11 to injector 2 pin 1	OK	Proceed to test 6
		Open circuit	Locate and rectify wiring fault, proceed to test 7
5	Check cable for short circuit to supply box: - ECM pin A01 to ECM pin A10 (injector 1) - ECM pin A01 to ECM pin A11 (injector 2)	OK	Proceed to test 6
		Short circuit	Locate and rectify wiring fault, proceed to test 7

Test		Result	Action
6	Check relevant injector resistance: - Injector pin 1 to injector pin 2	11.4 to 12.6 Ohms	Proceed to test 7
		Faulty	Renew relevant injector, proceed to test 7
7	Reconnect harness, clear fault code and run engine to verify fault cleared.	OK	Action complete - quit test
		Fault still present	Contact Triumph service

Circuit Diagram

