

P1488 - Exhaust Muffler Bypass Control

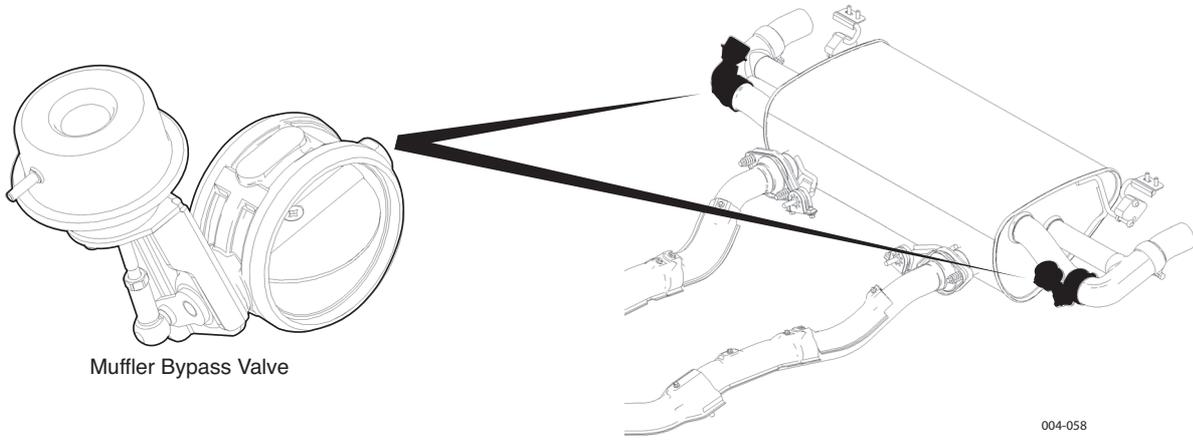


Figure 1. Bypass Control Valve Location

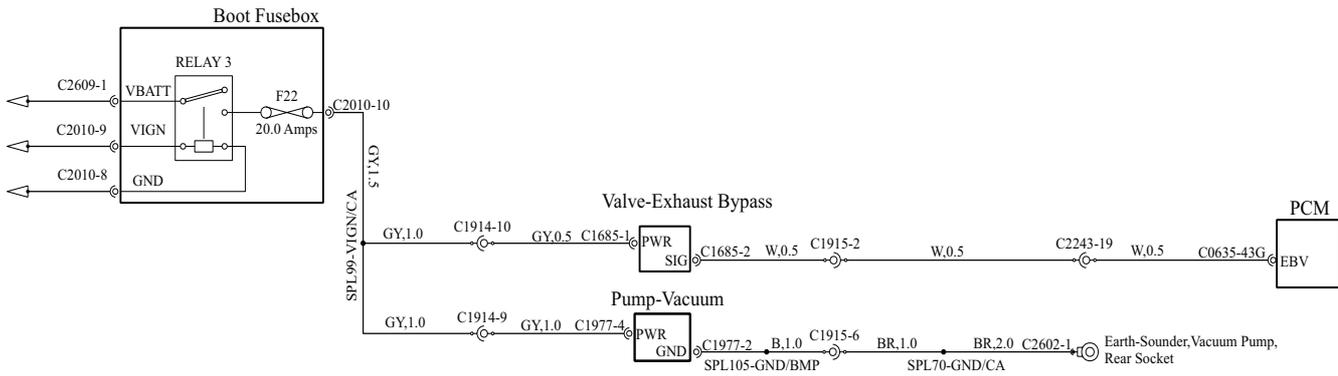


Figure 2. Bypass Control Circuit

Fault Code Definition

P1488 - Exhaust Muffler Bypass Control Circuit.

MIL Status

This code will not light the MIL lamp.

P1488 Fault Analysis

1. Connect the WDS and confirm that P1488 code is logged. Record all other logged DTC's.

If any other faults are logged, resolve these codes first.

Return to this procedure only if P1488 is logged again after clearing all other codes.

2. Raise the vehicle on a hoist. Ensure that the gear-box is in neutral.
3. Have a colleague observe the bypass valves. Start the engine and 'blip' the throttle. Check if the bypass valves actuate.

If either valve does not actuate, go to step 4.

If the valves actuate, the problem is not present at this time and testing is complete.

4. Check for +12 volts at boot fusebox Fuse 22 with the ignition switched on.

If +12 volts is present, go to step 5.

If +12 volts is not present, service the 12 volt supply circuit to the exhaust bypass system (Boot fusebox relay 3 and F22). Clear the P1488 code and run a KOER test to ensure that the problem is resolved.

5. Switch off the ignition and start the engine. Access the bypass valves. Have a colleague 'blip' the throttle and check if the valves actuate as the throttle is opened.

If either valve does not actuate, check continuity of the bypass valve circuit.

If continuity is good, replace the bypass valve. Clear the P1488 code and run a KOER test to ensure that the problem is resolved.

If there is a continuity fault, service the circuit as necessary. Clear the P1488 code and run a KOER test to ensure that the problem is resolved.

6. If the P1488 code is still present contact Aston Martin Technical Support.