

P0365: CAMSHAFT POSITION SENSOR "B" CIRCUIT BANK 1

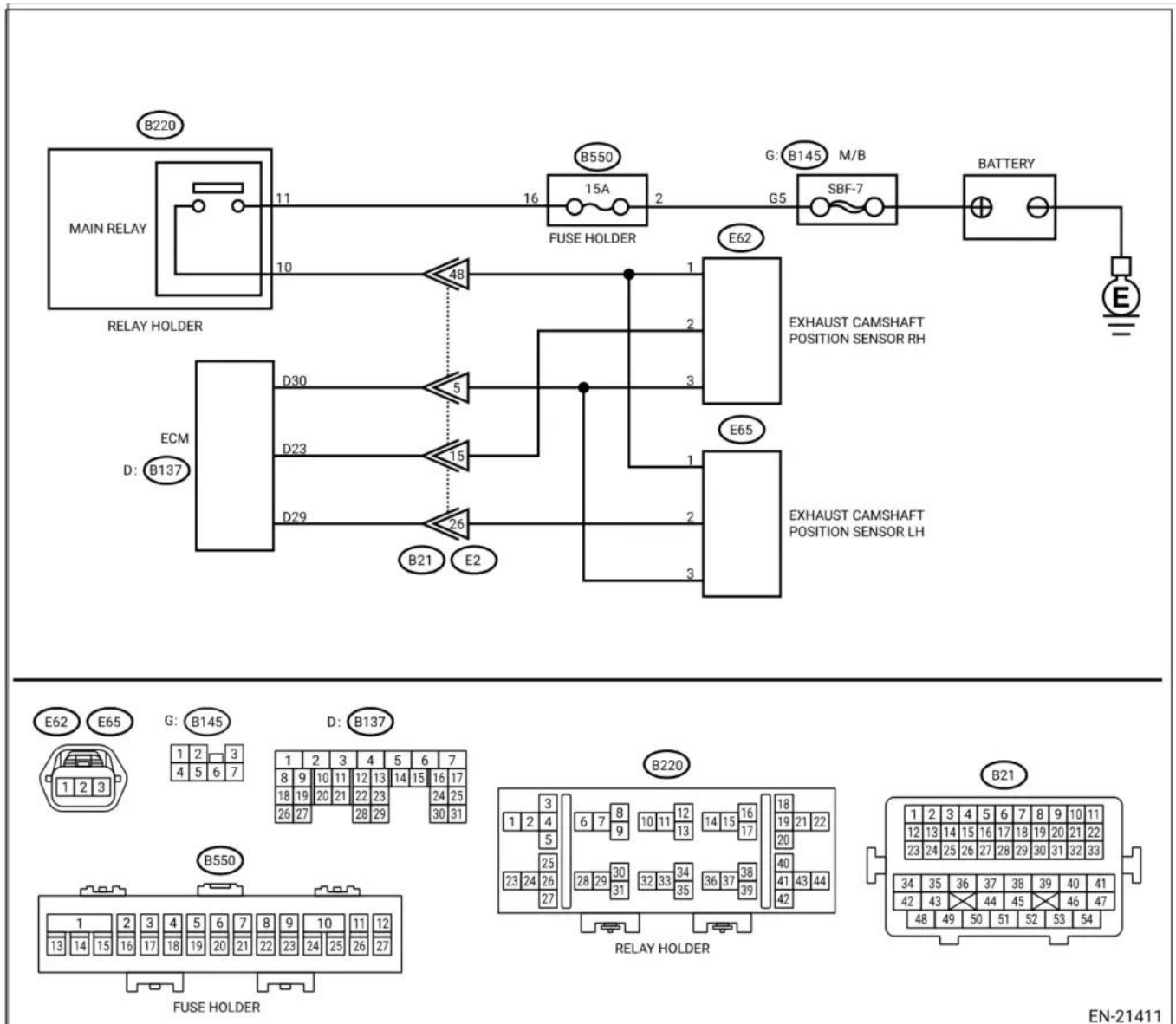
OVERVIEW

Severity	:	<div><div>High</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$200-\$400
Can I Still Drive?	:	No

What Does The P0365 Code Mean?

This P0365 code indicates that a problem was detected in the camshaft position sensor circuit.

Since it says circuit, that means the problem could lie in any part of the circuit – the sensor itself, the wiring, or the PCM. Don't just replace the CPS (camshaft position sensor) and think that will definitely fix it.



EN-21411

P0365 wiring diagram

What Are The Symptoms Of The P0365 Code?

Symptoms can include:

- Hard starting or no start
- Rough running / misfiring
- Loss of engine power
- Check engine light on

What Are The Potential Causes Of The P0365 Code?

A code P0365 could mean one or more of the following has happened:

- A wire or connector in the circuit could be grounded/shorted/broken
- The camshaft position sensor may have failed
- The PCM may have failed
- There exists an open circuit
- The crankshaft position sensor may have failed

How Can You Fix The P0365 Code?

With a P0365 OBD-II trouble code, diagnosis can be tricky at times. Here are some things to try:

- Visually inspect all the wiring and connectors in the "B" circuit
- Check for continuity in the circuit wiring
- Check the operation (voltage) of the camshaft position sensor
- Replace the camshaft position sensor as required
- Check the crankshaft position circuit as well
- Replace circuit wiring and/or connectors as required
- Diagnose/replace the PCM as required

Related Camshaft Trouble Codes: [P0340](#), [P0341](#), [P0342](#), [P0343](#), [P0345](#), [P0347](#), [P0348](#), [P0349](#), [P0366](#), [P0367](#), [P0368](#), [P0369](#), [P0390](#), [P0366](#), [P0392](#), [P0393](#), [P0394](#).

Reference Sources

[ENGINE CONTROL SYSTEM \[GASOLINE ENGINE \(V-6\)\] SERVICE MANUAL for P0365](#) - Pages 535-537.