

## P0340: CAMSHAFT POSITION SENSOR CIRCUIT MALFUNCTION

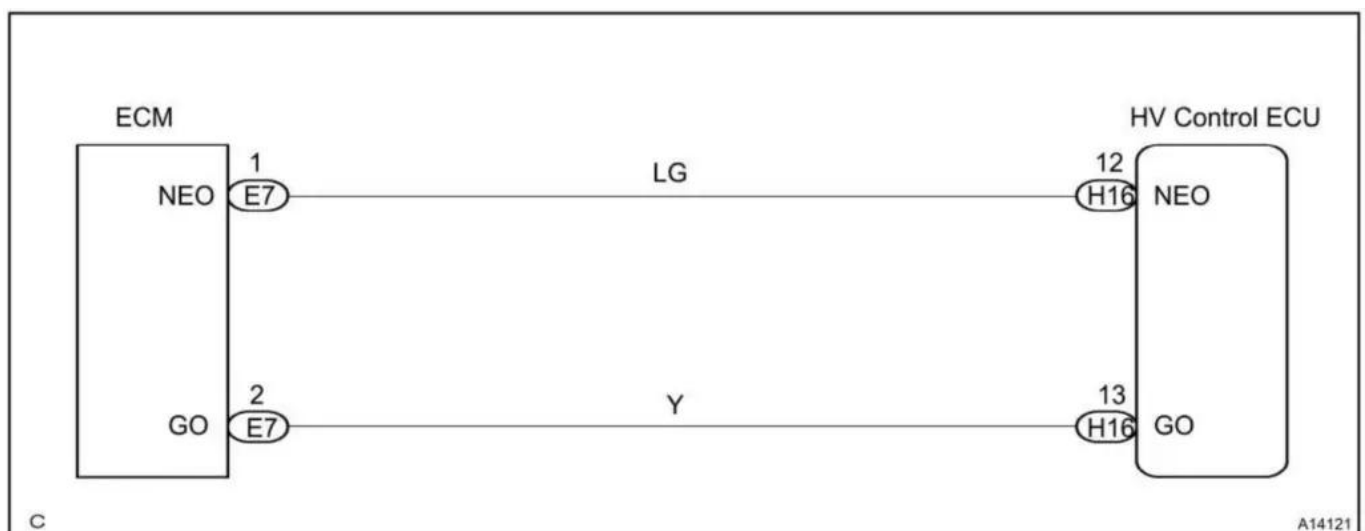
### OVERVIEW

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

### What Does The P0340 Code Mean?

This P0340 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.



P0340 wiring diagram

## What Are The Symptoms Of The P0340 Code?

Symptoms can include:

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

## What Are The Potential Causes Of The P0340 Code?

A code P0340 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 P0340 Code?

With a P0340 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 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

## Reference Sources

[Diagnostic Trouble Code \(DTC\) Charts and Descriptions for P0340](#) - Page 61.