

P0202: CYLINDER 2 INJECTOR CIRCUIT MALFUNCTION

OVERVIEW

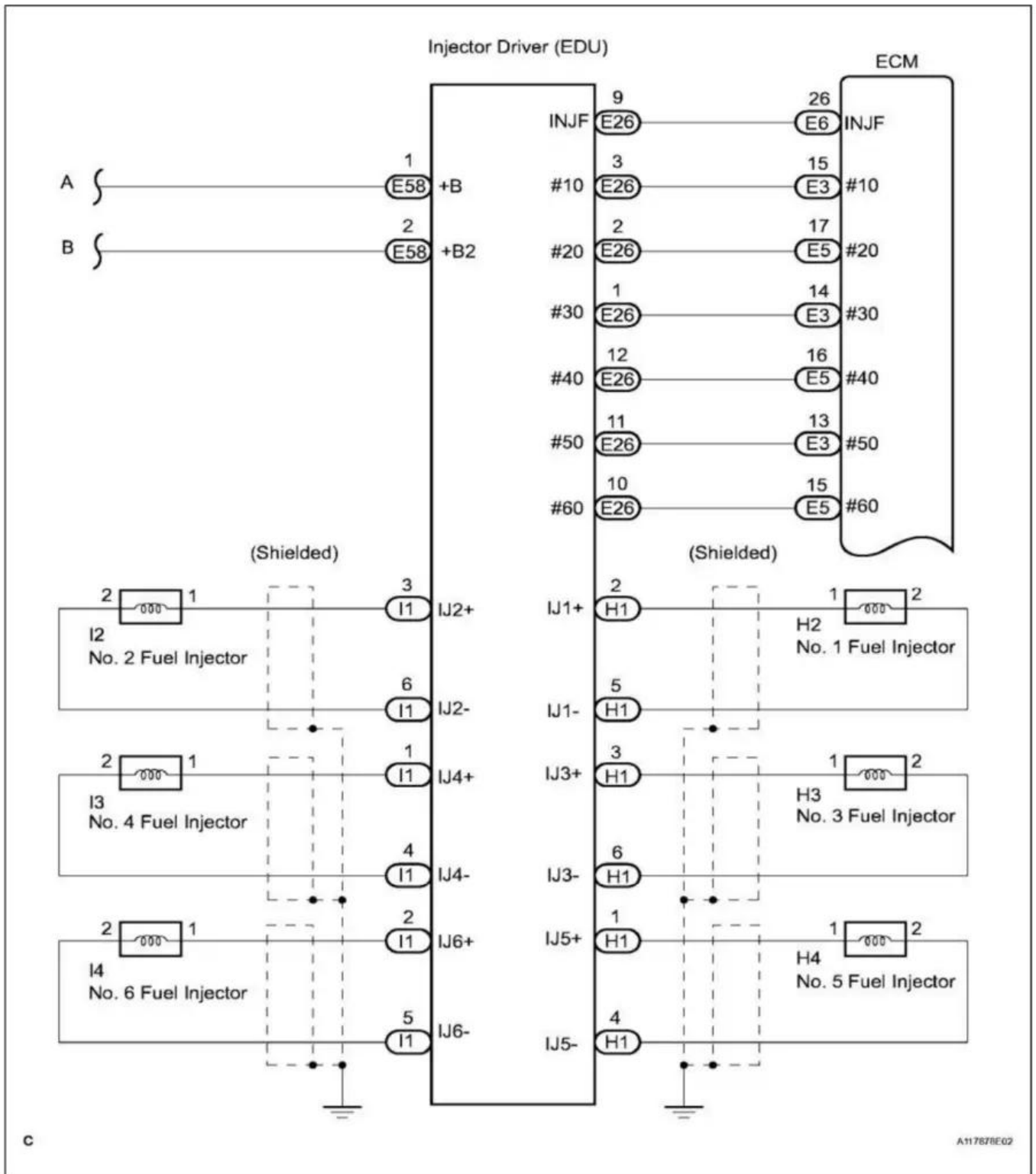
Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$350-\$850
Can I Still Drive?	:	No

What Does The P0202 Code Mean?

P0202 means that the PCM detected a fault in the injector or the wiring to the injector. It monitors the injector and when the injector is activated, the PCM expects to see the voltage pulled "low" or close to zero.

When the injector is switched off, the PCM expects to see a voltage that is close to battery voltage or "high". If it doesn't see the expected voltage the PCM will set this code.

The PCM also monitors resistance in the circuit. If the resistance is excessively low or high it will set this code.



P0202 wiring diagram

What Are The Symptoms Of The P0202 Code?

The symptoms for this code will likely be a misfire and a rough running engine. Poor acceleration. The MIL will also be illuminated.

What Are The Potential Causes Of The P0202 Code?

The causes of a P0202 engine light code could be any of the following:

- Bad injector
- Open in the wiring to the injector
- Short in the wiring to the injector
- Bad PCM

How Can You Fix The P0202 Code?

- First, using a DVOM check the resistance of the injector. If it isn't within specs, then replace the injector.
- Check for voltage at the fuel injector connector. It should have 10 volts or more.
- Visually check the connector for damage or broken wires.
- Visually check the injector for damage.
- If you have access to an injector tester, activate the injector and see if it operates. If the injector operates, then you likely have either an open in the wiring, or a blocked injector. If you do not have access to a tester, swap the injector with another one and see if the code changes. If the code changes, then change the injector.
- At the PCM, remove the driver wire from the PCM connector and Ground the wire. (Make sure you have the correct wire. If you're not sure, do not attempt) The injector should activate
- Replace the injector

Reference Sources

[ENGINE CONTROL SYSTEM \[GASOLINE ENGINE \(V-6\)\] SERVICE MANUAL for P0202](#) - Page 491.