Make and Model > Nissan > Altima > P0101 Nissan

P0101 Nissan
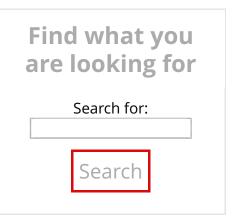
Diagnose and fix a P0101 Nissan trouble code

A P0101 Nissan trouble code is very common and there are two fixes for it. A P0101 trouble code is defined as P0101 for Mass Air Flow sensor (MAF) stored in the ECM. That may lead you to automatically replace the MAF. DON'T DO IT!

I know you want to fix your own car and you think it's worth the risk to replace the part that's mentioned in the trouble code. But that's NOT how computers work and many times the sensor is telling the truth and there's an underlying problem that caused the code to set. This is one of those cases.

First, Nissan has issued a service bulletin to address the P0101 Nissan trouble code. It applies to the vehicles listed below with the engines listed and involves a software update. Any dealer can do the update. The update isn't free because this isn't a safety related recall. Many independent shops can also do the software update.

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However, many shops are also reporting a high incidence of bad ground connections for the MAF sensor and that can cause this code to set. The high resistance in the ground circuit can be at the MAF connector, in the wiring to the ground point, or right at the ground. The MAF grounds are in different locations based on the engine, so it's worth your while to invest in the Eautorepair.net manual link below so you can download the wiring diagrams.

I suggest you do the ground check first, then get it reprogrammed. Also know that Nissan has very specific relearn procedures if you disconnect the battery. That's another reason why you want a pro shop manual.

This post applies to these vehicles:

2011-2012 Altima Sedan (L32)

2011-2012 Altima Coupe (CL32)

2011-2012 Sentra (B16) with MR20DE engine only

2011-2012 Maxima (A35)

2011-2012 cube® (Z12)

2011-2012 Pathfinder (R51) with VQ40DE engine only

2011-2012 Frontier (D40) with VQ40DE engine only

2011-2012 Xterra (N50)

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Posted on *April 7, 2016* by *Rick Muscoplat*

Eautorepair is a professional grade shop manual. You'll find in-depth information, technical service bulletins, code definitions and step-by-step tests, and easy-to-understand wiring diagrams, along with descriptions of how the systems work. And, you'll get all that at a price you can afford. Check them out! You need a professional shop manual to work on a late model vehicle. And you need access to the latest technical service bulletins so you

don't waste time and money replacing parts that may misbehave due to a manufacturer's software glitch. Forget about those cheap manuals you find at the auto parts store. They will just lead you astray. Eautorepair.net is really Mitchell On Demand with a consumer style interface. Get a 1-Month subscription (31 Days) for $16.99, 1-Year (Best Value!) for $25.99, or a 4-Year (Best Value!) for $39.99. I like the wiring diagrams in Eautorepair.net better than the hard-to-read factory diagrams on Alldatadiy.

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- Altima
- Maxima
- Sentra
- Xterra

- P0101 Nissan

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