

## AUDI P12A4: FUEL RAIL PUMP CONTROL VALVE STUCK CLOSED

### OVERVIEW

|                      |   |                         |
|----------------------|---|-------------------------|
| Severity             | : | <div>High</div>         |
| DIY Difficulty Level | : | <div>Intermediate</div> |
| Repair Cost          | : | \$250-\$350             |
| Can I Still Drive?   | : | Yes                     |

### What Does The Audi P12A4 Code Mean?

engine speed > 600 RPM evap purge adaptation < 22.00 lambda control closed loop fuel cut off not active

### What Are The Potential Causes Of The Audi P12A4 Code?

- Check for signal, voltage and ground
- Check harness for open or short
- Check connector for damage.
- Fuel pressure sensor

### Reference Sources

- Audi, 2013, [A3 Quick Reference Specification Book](#), page 140 & 160.
- Audi, 2014, [A7 Quick Reference Specification Book](#), page 205 & 238.
- Audi, 2014, [A6/S6 Quick Reference Specification Book](#), page 253, 277 & 279.
- Audi, 2014, [Q5/SQ5 Quick Reference Specification Book](#), page 199, 228 & 182.
- Audi, 2014, [Q7 Quick Reference Specification Book](#), page 190.
- Audi, 2014, [TT Quick Reference Specification Book](#), page 137 & 159.
- Audi, 2014, [A5/S5 Quick Reference Specification Book](#), page 231, 260 & 290.
- Audi, 2014, [A4/S4 Quick Reference Specification Book](#), page 193 & 221.

- Audi, 2014, [R8/Spyder Quick Reference Specification Book](#), page 156 & 182.
- Audi, 2014, [A8/A8L/S8 Quick Reference Specification Book](#), page 234, 275 & 325.