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SpeedForSale.com's Installation Guide Series: **Deatschwerks Fuel Injectors for 2009 GT-R**

THESE '*DEATSCHWERKS FUEL INJECTORS (750cc, 950cc, or 1000cc)*' CAN BE PURCHASED HERE:

<http://www.speedforsale.com/nissangtrparts/deatschwerks-deatschwerks-750cc-injectors-specific-free-shiping-p-1398.html>

YOU CAN ALSO VIEW OUR '*STAGED POWER UPGRADES*' HERE:

<https://www.speedforsale.com/nissangtrparts/speed-sale-speedforsale-staged-power-upgrades-p-1030.html?osCsid=2airirkvjdggclcmqfiildbt3>

Article written by Jared Pink with the help of Chinchhi Chiang. Article revised and converted to PDF by Jeremy Blackwell.

Time:

3-5 hours depending on experience and tools

Difficulty:

Easy-Moderate

Description:

This is an installation article that shows you how to install Deatschwerks (or most any other brand) upgraded fuel injectors in your GT-R.

Tools Needed:

- 5mm Allen socket or wrench
- 10mm socket
- 12mm socket
- 6" extension
- Ratchet
- 45 degree pliers

Preparation:

DO NOT drive your GT-R for a while before attempting this installation to allow fuel pressure time to bleed off. Or, you can pull your fuel pump fuse with the car running to allow it to bleed off pressure and shut the car off once the fuel runs out.

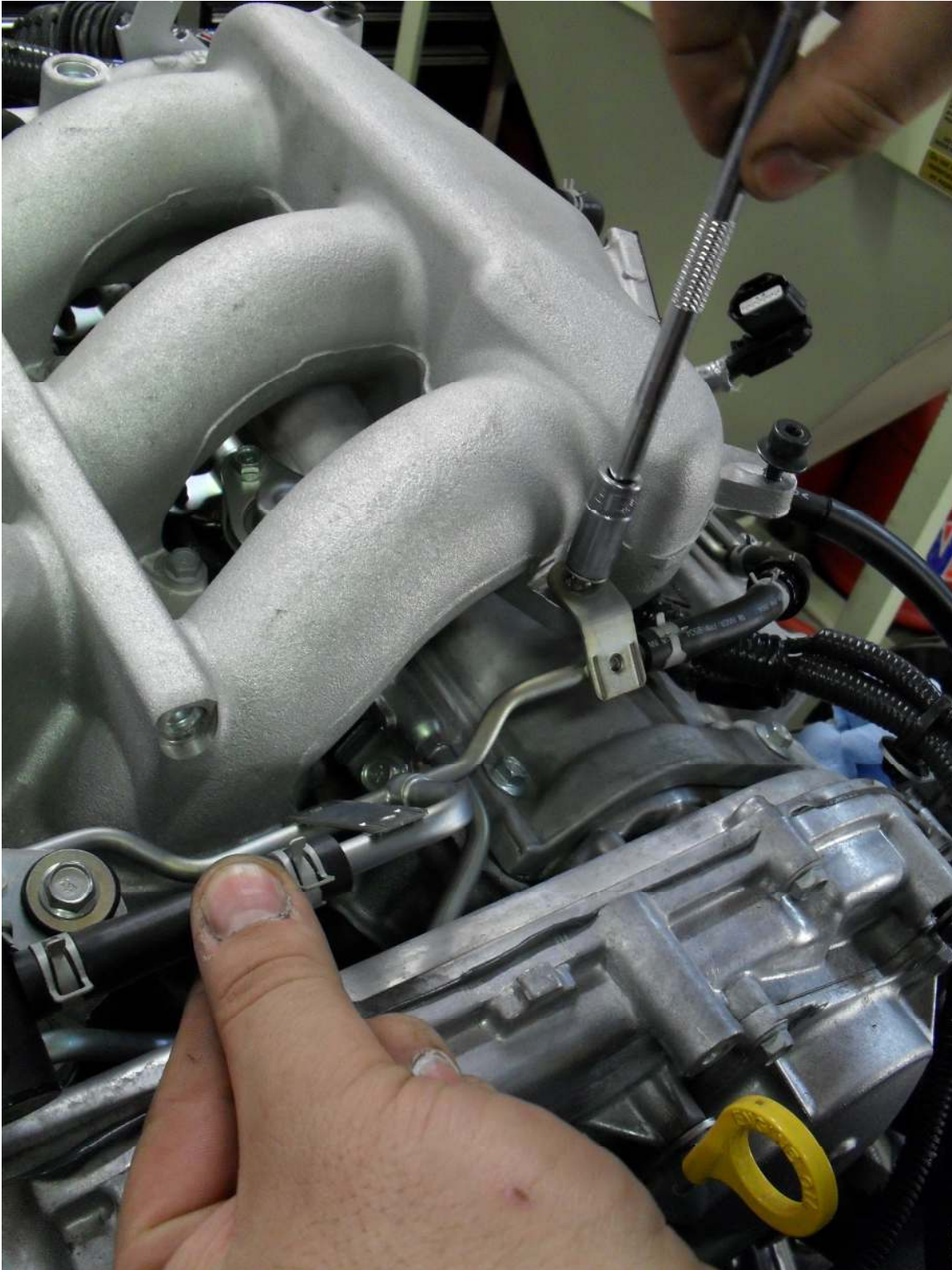
Instructions:

1. Remove the 4 allen bolts holding the decorative engine cover and remove the cover.
2. Remove the intercooler pipes leading to the throttle bodies. Loosen both hose clamps, unplug the sensor and gently remove lock tab from pipe.





3. Remove the coolant lines from the throttle bodies. There will be some coolant leakage so be sure to have several rags ready to catch any leaking coolant.
4. Loosen the wiring harness from intake manifold by releasing the plastic push locating pins and releasing the slide lock.
5. Remove the emission bypass hose by removing 2 10mm bolts.



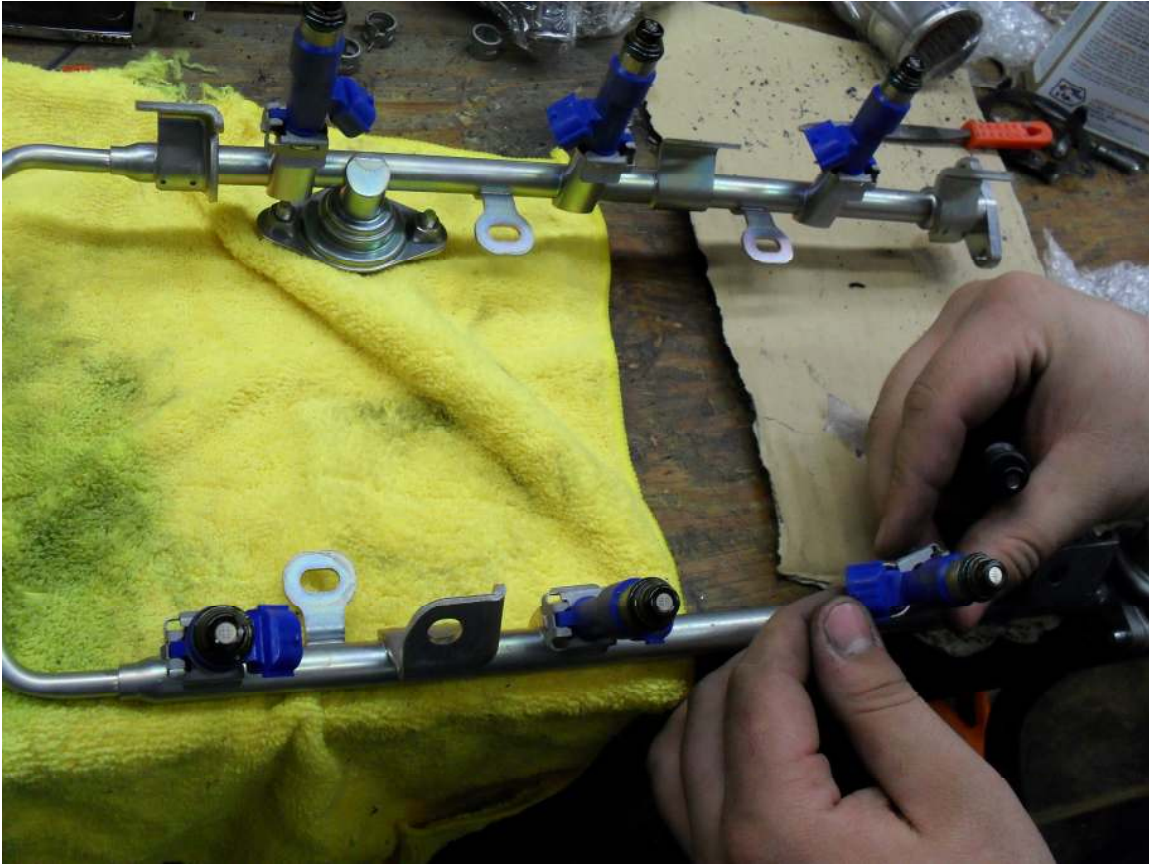
6. Remove the fuel pressure regulator reference from the back of the intake.
7. Disconnect the 2 fuel lines from the hard lines of the car.
8. Remove the intake manifold retaining bolts. Lift intake up and away from engine. Be sure to put towels or rags in each of the lower intake runners to prevent debris or bolts from falling into them! We use heavy duty blue shop towels and remove them with needle nose pliers, which are a tough to see in the picture below due to being down in the runners.
9. Remove the 6 injector connectors, and the tabs that locate the wiring harness.



10. Remove the 5 12mm bolts holding the fuel rail in place..
11. Unbolt the fuel pressure regulator by removing 2 10mm bolts to allow for easier removal. Pull the FPR straight back from rail and set aside.
12. Pull upwards firmly on the fuel rail to remove it from the lower intake.



13. Remove the slide lock clips from the OEM injectors. Set this aside. Note that most aftermarket injectors do not use these.



14. Lubricate the O-rings and reinstall injectors into fuel rail. Pay close attention to reinstall them in the same orientation as the old injectors.

15. Align the fuel injectors with the lower intake, slowly press downward ensuring all injectors are sliding into place and not binding. Reinstall fuel rail bolts, and tighten them a little at a time to ensure nothing binds.

16. Reinstall intake, throttle bodies and piping. Top off coolant as you will have lost some.