



Speed For Sale LLC

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## **SpeedForSale.com's Installation Guide Series:** **Twin HKS/Denso Fuel Pumps Upgrade for 2009 GT-R**

THESE '*HKS/Denso Twin Fuel Pumps*' ARE PART OF THEIR GT600 TYPE B UPGRADE KIT, AND CAN BE PURCHASED HERE:

<http://www.speedforsale.com/nissangtrparts/gt570-gt600-upgrade-type-p-1112.html?osCsid=p8fi4t5ktuls7f6qeg1p5d34a5>

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

<https://www.speedforsale.com/nissangtrparts/speed-sale-speedforsale-staged-power-upgrades-p-1030.html?osCsid=2airirkvjdgqclejmqfildbt3>

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

### **Time:**

About 30 minutes, NOT INCLUDING the fuel pump/housing modifications that must be made.

### **Difficulty:**

Pump removal and reinstallation: Easy

Pump modification and fitting into housing: Moderate/Advanced

### **Description:**

This is an installation article that shows you how to install the HKS/Denso Twin Fuel Pumps (or other brands of fuel pumps) in your GT-R's fuel tank.

### **Tools Needed:**

- Phillips screw driver
- 8mm nut driver
- Absorbent rags

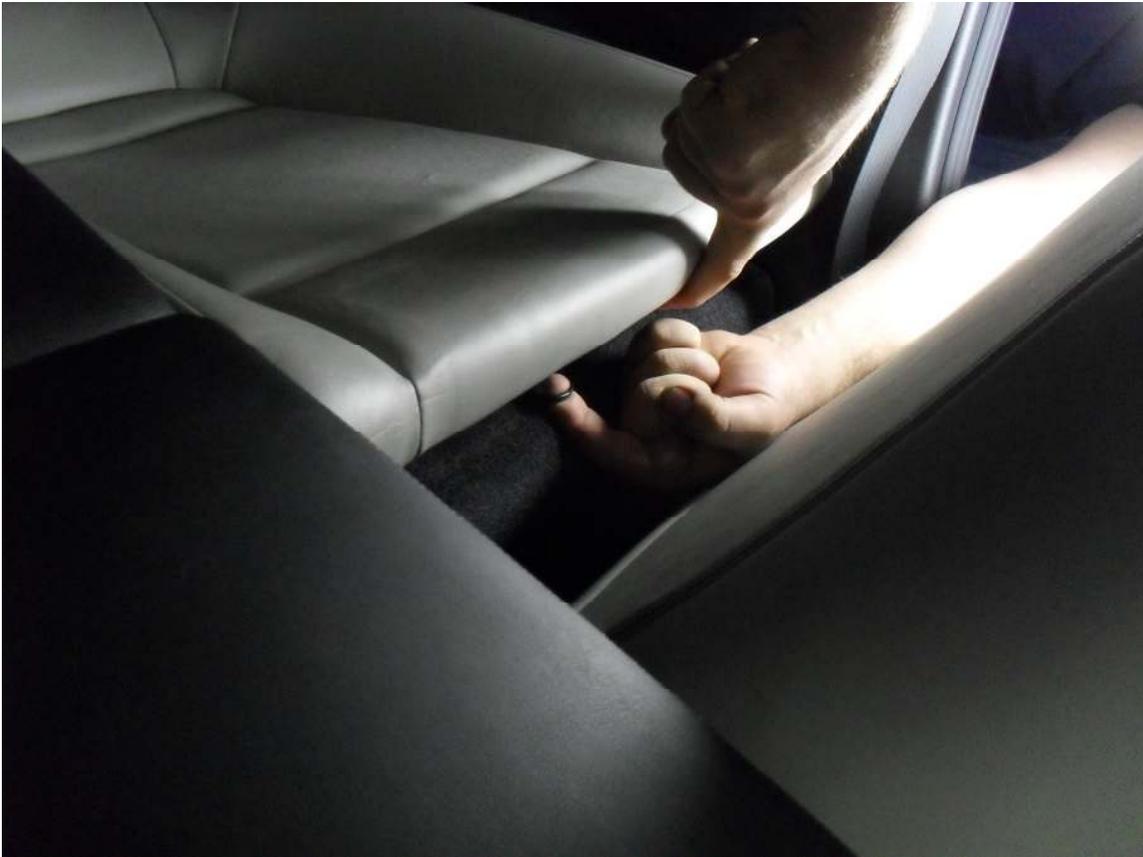
### **Preparation:**

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.

Also, **BE SURE TO DISCONNECT THE NEGATIVE BATTERY CABLE**, as a spark in this situation could be fatal!

**Instructions:**

1. Remove the right side lower seat cover. Pulling the ring outward, lift up on the seat. Please note left side seat base is pictured, which we had from another article. But, the right side is removed the same way.



2. Remove the service cover by turning the 4 phillips plastic lock tabs.



3. Unplug the fuel sending unit connector and fuel pump connectors from the pump bulk head by pressing the lock tab and pulling upwards on the connector.



4. Cover the plastic fuel lines with a rag, press the lock tabs, and remove the fuel lines from the bulk head.



5. Remove the six 8mm bolts. You can also use a Phillips screw driver to remove them. Lift the ring upwards.



6. Place rags around the area to absorb any leaking fuel. Lift the bulk head away. Once clear, press the lock tab located beneath the tall end of the fuel pump housing. Slide the housing backwards and lift it free from the fuel tank.



7. Lift the pump housing free and disconnect the three fuel lines from the pump housing's body.



8. We advise that when taking the fuel pump housing out of the car to first wrap it in a thick towel or another similar cover or bag to prevent fuel leakage in the interior of the car. We also recommend to cover the open hole that the pump housing was sitting in so that no debris falls into the fuel tank, and also to keep the gasoline fumes to a minimum. **BE SURE TO HAVE PROPER VENTILATION** so that gasoline fumes do not accumulate, as this is both unhealthy for you to breathe and can also facilitate a fire starting.

9. The instructions for the HKS fuel pumps state to grind the pump body. This is dangerous. It is advised to only grind on the pump housing. Since this specific part of the modification can have severe consequences if performed incorrectly, it is advised that you send your pump assembly to Speed For Sale LLC for proper modification and installation. If you decide to attempt this yourself, please note that a new fuel pump housing is well over \$1000 if it is damaged beyond repair!

10. To reinstall, please reverse the order of these steps. During reinstallation, be very careful as the track that the fuel pump housing sits in is **VERY** sharp and **WILL** cut your hand if you hit it.