

6-45-M54

Nissan 350z and Infiniti G35

DeatschWerks Performance In-Tank Regulator Installation Guide



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PLEASE READ: This guide is intended to aid in the installation of our products. It is recommended that factory manuals or instructions are followed to remove the fuel pump assembly from the vehicle. Instructions in this guide are generic and are intended to aid in the installation of the DW Performance In-Tank Regulator. The factory manual should supersede any contradiction.

Important Notes: This performance in-tank regulator will increase fuel system pressure. Depending on the application it should raise it from 58psi to 65psi. Most OE in-tank regulators open earlier than expected causing reduced pressure and performance from the pump. This happens especially with higher flowing performance pumps. This will allow the pump to make pressure under higher load without sacrificing performance and flow.

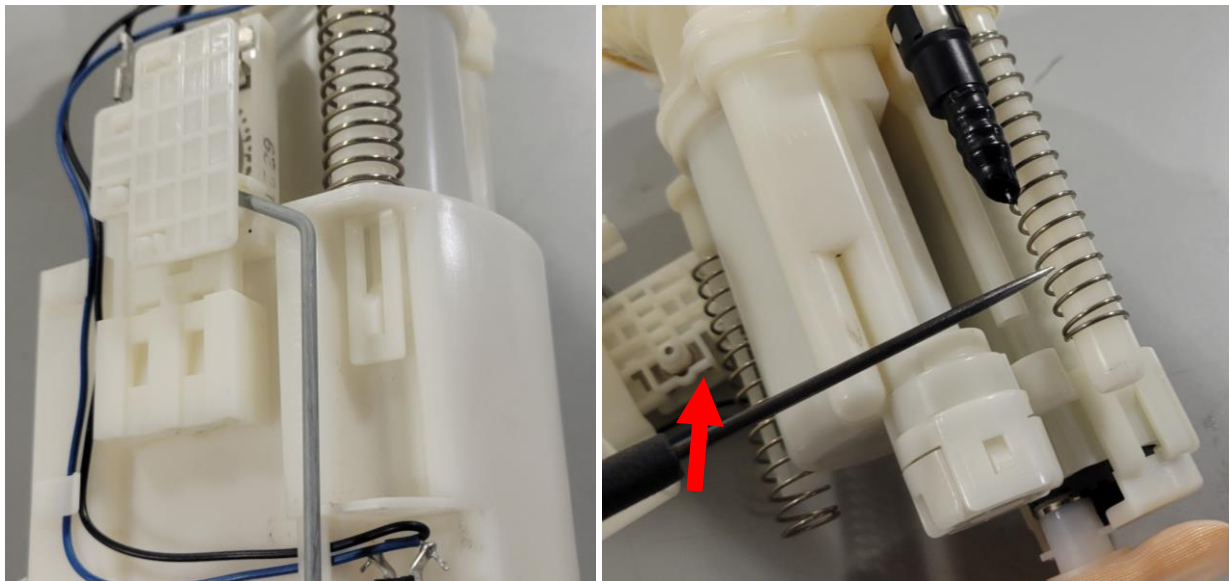


Removing the Top Hat of the Module

1 – Remove the pump module from the vehicle per the vehicle manufacturer guidelines. You will see 2 springs on plastic rods that align the module and hold the top hat to the bucket.



2 – Remove the top hat from the bucket. You do not have to unplug the level sender or the pump. If it makes it easier you can do so. Set the springs to the side so they do not get lost. If you have a magnetic bolt tray that would be a great opportunity to use it.



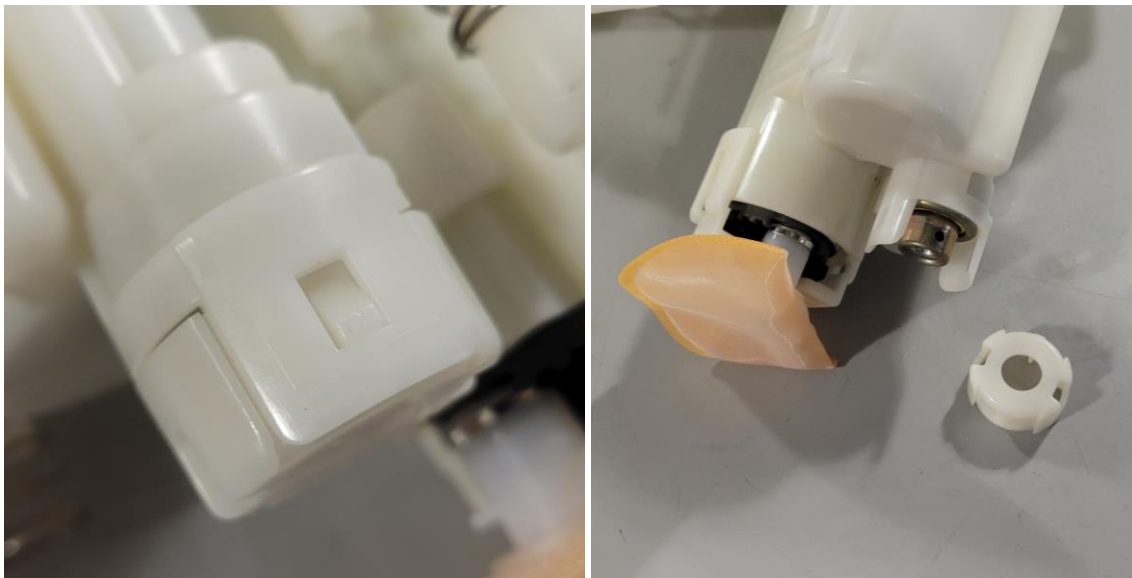
Removing the Center Section of the Module

3 – With the tab out of the way the center section and top hat will come off the bucket. We will now have access to the regulator retainer.



Removing and Installing the Regulator

4 – Remove the regulator retainer. The regulator is shown in the 2nd image below. You can remove the regulator retainer by using a flat head screwdriver or pick. These do tend to have a habit of flying across the room. Keep that in mind.

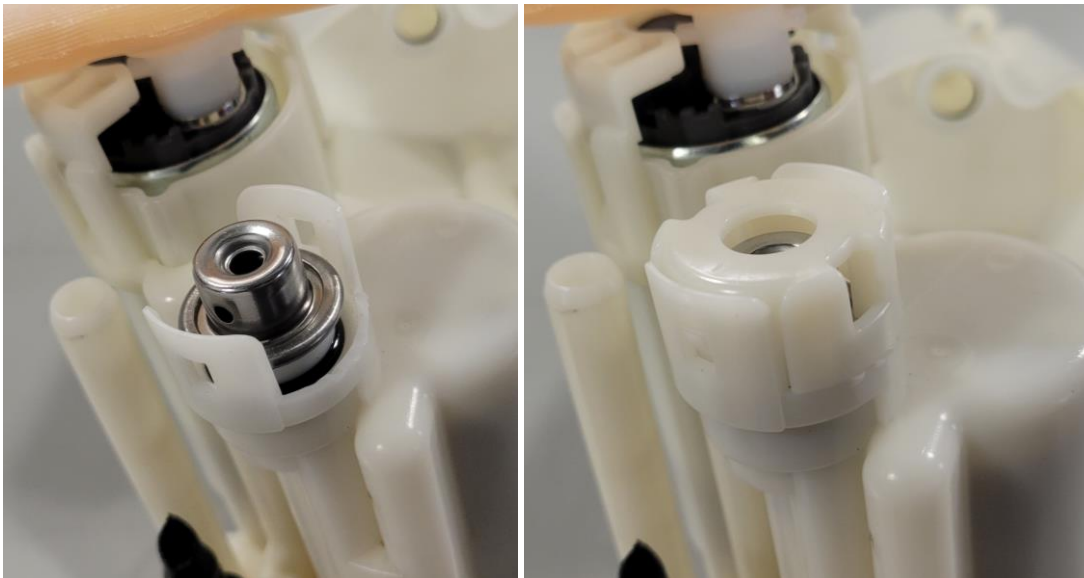


Nissan/Infiniti Performance In-Tank Regulator

6 – Remove the factory regulator with a pick or screwdriver and place it to the side so it does not get mixed up with the DW Performance In-Tank Regulator. Place some lubrication on the regulators o-rings to ease installation. Shown in picture below. There is a difference in the DW one vs OE. Do not mix these up as it will be hard to tell until you go to make more power.

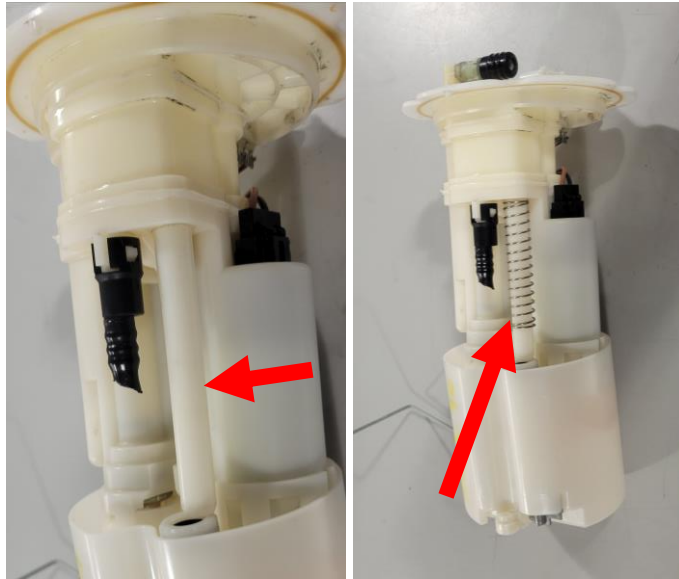


7 – Install the DW Performance In-Tank Regulator into the regulator port. Reinstall The regulator retainer. Make sure each tab is securely snapped onto the center section. This does see full fuel pressure.

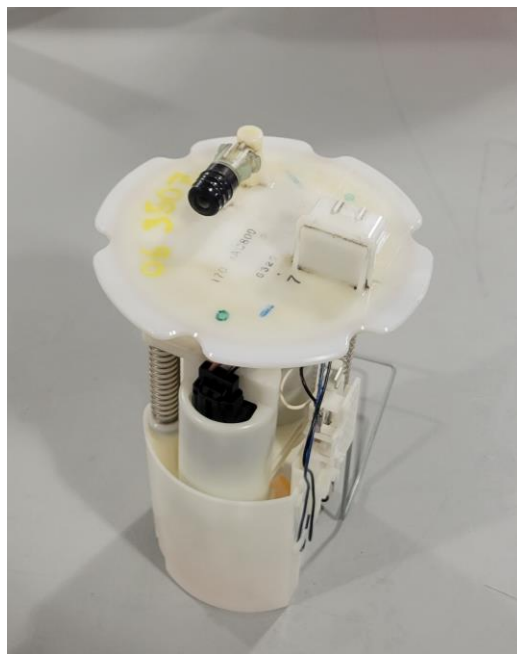


Module Reassembly

8 – Grab your springs that you set to the side and install them onto each plastic alignment dowel. Then slot the dowels into the corresponding holes until the one by the level sender has clicked in.



9 – Make sure to plug in the level sender and pump if you unplugged them. With this you are done with the module, and it is ready for installation into the vehicle.



For additional technical support please contact us at: TechSupport@DeatschWerks.com or 405.233.3991