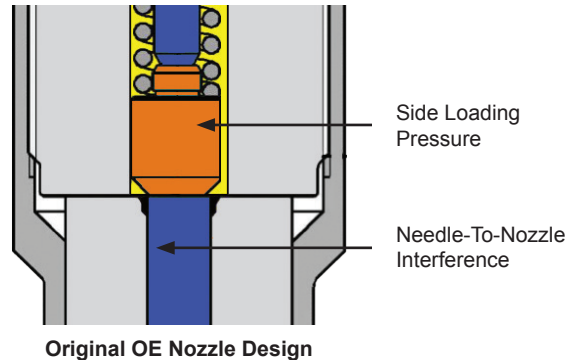


Improvements In DTech Injectors For Dodge 5.9L Common Rail

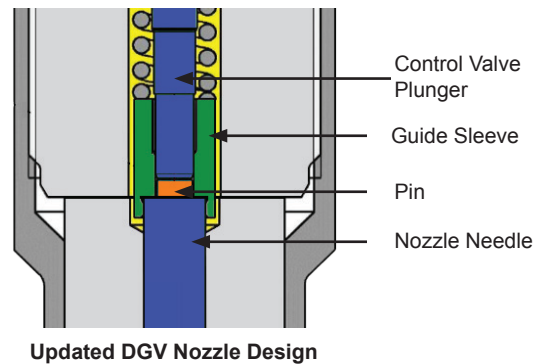


DTech remanufactured Dodge 5.9L common rail injectors incorporate the latest OE improvements to the nozzle design. DTech injector part numbers DT590001R and DT590002R are now available with many industry leading features. Following is first an explanation of the changes in the nozzle design.



With the original OE nozzle design the intermediate pin is subject to side loading pressure which can cause interference between the nozzle needle and nozzle body. This interference causes:

- Poor injector response
- Nozzle scoring
- Fuel delivery issues
- Engine misfire
- Smoking
- Premature injector failure.



The new "DGV" design introduces a guide sleeve which keeps the control valve plunger, lift shim, and needle in alignment.

The second drawing above shows the guide sleeve (green), which extends from inside the nozzle body, keeping the nozzle needle, lift shim and control valve plunger in alignment; eliminating the side loading effects on injector operation.

All DTech Dodge 5.9L injectors come with new DGV style nozzles. They also include a replaced nozzle and the latest control valve assemblies with chrome control valve seats to help withstand the negative effects of fuel contamination as well as a new redesigned control valve plunger. The injectors also go through the extensive DTech testing process. DTech remanufactured Dodge 5.9L injectors incorporate the best common rail injector technologies so we can give you the finest remanufactured injector available.

Additional Resources

Product Information Bulletins:

FI-297 - Remanufactured Injectors For Dodge 5.9L Common Rail

FI-271 - Nozzles For Dodge 5.9L Common Rail Injectors Original + New DGV Style

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