

GM 6.5L Injector Installation Tips



Perform a fuel system inspection prior to installation of replacement injectors. If rust, contamination, or metal particles are found the fuel system must be cleaned including the tank, filter housing, and supply lines. **Failure to completely clean the complete fuel system can result in immediate or repeated short-term injector failures.**

INSTALLATION TIPS

1. DTech fuel injectors have tolerances measured in microns. It is important to work in a clean manner to prevent contamination of the fuel system to prevent premature failures. Clean the engine area around the fuel system prior to removing any fuel system components. Before assembly inspect each component for dirt, grease, or other contaminants and clean as necessary.
2. Install a new fuel filter and do not fill it with fuel prior to installation.
3. Removal and installation of the injector requires a special 30 mm socket to prevent damage to the injector's return line connectors. Damage will result if a standard deep well socket is used.
4. Loosen / remove the injection line clamps to prevent damage from bending the lines.
5. Make sure that the injector bore is clean and that the old nozzle-sealing washer has been removed.
6. Apply an anti-seize compound to the injector body threads and install the injector into the cylinder head.
7. Torque the injector to 50 ft-lb (70 Nm).
8. Install the injection lines. Torque the injection line nuts to 20 ft-lb (27 Nm).
9. Tighten / reinstall the injection line clamps to prevent injection line failures.
10. Install new return lines and caps.

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