DTech Remanufactured Dodge 6.7L Injector Correction Code + Programming

DTech remanufactured Dodge 6.7L injectors — part numbers DT670001R, DT670006R, and DT670007 — are marked with a six digit alphanumeric correction code that must be entered into the Engine Control Module (ECM) during the installation process using an appropriate scan tool.

Each DTech Dodge 6.7L injector is remanufactured to specific fuel delivery specifications. However, there are very small variations in the fuel delivery characteristics from injector to injector. The fuel delivery characteristics are coded on each injector with a six digit alphanumeric correction code such as CA1YBL. The ECM uses this code to set a fuel delivery baseline for each injector.

When a DTech Dodge 6.7L injector is installed the injector's code must be entered into the ECM or the engine operation will be affected.

The correction code is located on the stator retaining nut inline with the fuel inlet passage as shown in Figure A (right).

When injectors are to be removed and reused during an engine repair they must be reinstalled back into the cylinder they came out of to prevent reentering the codes. See Figure A (right) for location of the code, circled in red.

Figure A

Programming The Correction Code Entry
1. Turn ignition switch "ON".
2. Using a diagnostic scan tool, select ECU View > PCM > MISCELLANEOUS FUNCTIONS.
3. Select Injector Quantity Adjustments and click Start.
4. Choose appropriate cylinder number and click Next.
5. Click on Show Keyboard. **NOTE:** A fault code will be set if incorrect serialization codes have been entered.
6. Input the injector correction code and click enter.
7. Review code as it was typed, then click Next if correct, or edit if necessary.
8. Repeat the preceding steps for other cylinders as necessary.
9. Once all injector correction codes are entered, cycle the ignition to complete.

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