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➤ Technical Information

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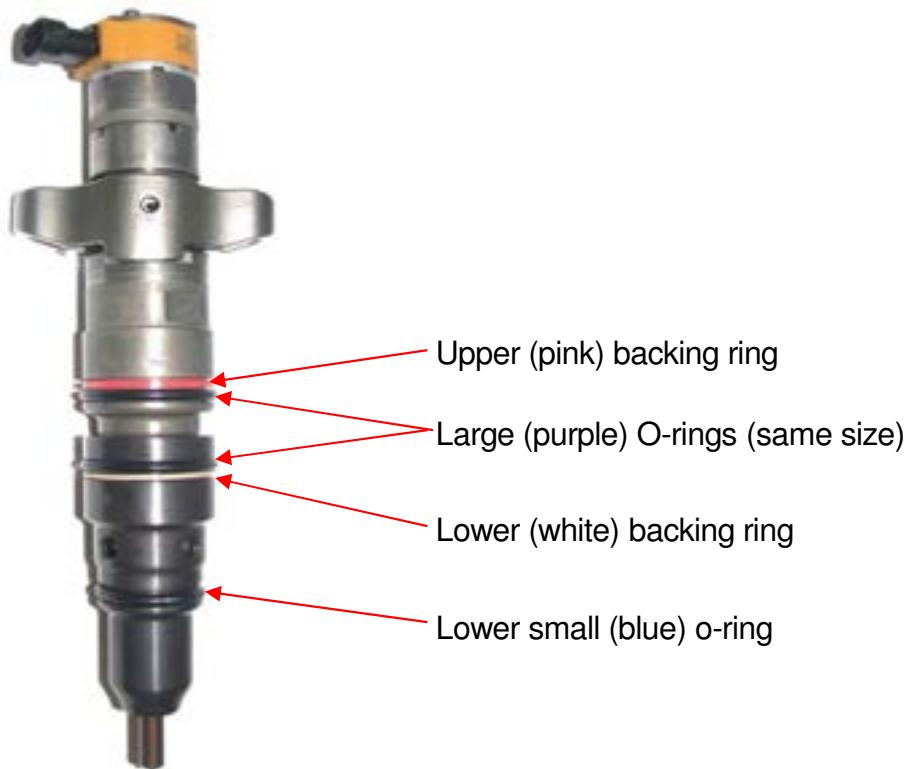
Subject: Delphi HTK111 Injector Installation Kit for Caterpillar C7 Injectors

It has come to our attention that there have been instances of injectors having external leaks after installation on the engine. This is typically the result of either incorrect installation or reinstalling an injector with its original “used” o-rings.

Whenever an injector is removed from an engine, the external o-ring seals must be replaced. If an o-ring is reused, it may not seal correctly. Failure of an o-ring seal can result in poor engine performance and/or premature engine failure.

You should also record the cylinder location of each injector during removal. If the injectors are not reinstalled in their original location, the appropriate electronic service tool will need to be used to move the corresponding trim files to the correct cylinder locations.

The HTK111 kit includes: 3 o-rings and 2 backing rings.



The installation procedure when using this kit must be completed as follows:

Be careful during installation of the o-rings and backing rings to prevent damage/distortion.

- Step 1.** Dip all o-rings and backing rings in engine oil.
- Step 2.** Install the upper (pink) backing ring in the top groove as shown.
- Step 3.** Install the upper large (purple) o-ring below the backing ring.
- Step 4.** Install the lower large (purple) o-ring in the center groove.
- Step 5.** Install the lower (white) backing ring in the center groove below the o-ring as shown.
- Step 6.** Install the smaller (blue) o-ring in the lower groove.

Be careful not to damage the injector or introduce any contamination during handling and installation. Also, always prime the fuel system and oil galleries before starting the engine.

Important Note: The above information is a general installation guide. Always follow the latest engine manufacturers' service information.

If you have any questions, please contact your Delphi Distributor.