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Title: Engine Replacement Procedure for Vehicle Programming

Applies To: All International Electronic Engine

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

01/02/2026 - Added exclusion
08/14/2025 - Fixed font size formatting
06/26/2025 - Modifed the formatting
07/17/2025 - Added Cummins engine exclusion
03/12/2025 - Initial Article Release

DESCRIPTION

Engine replacements for all International engines will need to follow this procedure.

FACTS

1. For new engines sent from the engine group, please put the OLD and NEW 14-digit Engine Serial Number off the engine blocks in a case file response. See IK3000111 for instructions on how to open a case file.

    a. Some engines may need to be set up in our Engine Database. This may take up to 24 Hours. We will provide programming instructions once the ESN has been set up in our system.

    b. After programming is completed. We will forward the case file back to the Engine Group for Completion.

2. When you order a reman engine, you need to order the same horsepower. If you want to go to a higher horsepower, please open an iKNow case file for Vehicle Programming and request a horsepower increase, but let us know you are going to be replacing the entire Engine. Please look at iKNow IK2600069 for help with opening an iKNow case file for a Horsepower Request.

3. If you swap engines from a different truck. You need to stay in the same model year and try to stay with the same horsepower.

EXCLUSIONS

- International cannot provide programming if an older engine is installed in place of a newer engine. Per the EPA, this is an emissions violation. See the EPA website for more information.
- International cannot support installing a Cummins engine to replace an International engine that was removed.
- International can only support engines and horsepower ratings that were available for any given vehicle when it was built. International cannot support engine types or horsepower ratings that were not available for a vehicle when it was built.

ENGINE SWAP PROGRAMMING PROCEDURES FOR SPECIFIC ENGINE TYPES

IK2600253 - Programming Instructions for A26a Engine Swaps
IK2600264 - Programming Instructions For S13 Engine Swaps

OTHER RESOURCES

Master Service Information Site

RC2600001 - Vehicle Programming Resource Center

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