

24/10/2012 VGT Cummins actuator

Installation and calibration procedure

Introduction

Some Cummins motors models have an electronically controlled VGT actuator (Variable Geometry Turbine). Whenever the unit is removed and reinstalled, two electronic procedures must be followed to correctly complete component assembly.

The two procedures in self-diagnosis are:

1. VGT electronic actuator installation
2. VGT electronic actuator calibration

The first is to be used when the VGT is installed on the engine and the actuator pinion must be placed in a specific position.

The second is used to calibrate the VGT actuator and check its correct operations.

NOTE: The following indications only refer to electronic procedures. **SPECIALISED** personnel with all the necessary technical skills are required to remove and reinstall the VGT unit. Pay the utmost **ATTENTION** to all regulations on accidents, the environment and work.



Cummins Tech Guide

**Carlos Guedes Soares, Roko
Dejhalla, Dusko Pavletic**



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