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ECU Adaptation for Continental/VDO CR Injectors

EQUIPMENT: **Continental/VDO CR Injectors**

SUBJECT: **ECU Self Adaptation Routine**

1. INTRODUCTION

This document depicts the steps necessary to perform an ECU self-adaptation routine after installing Continental/VDO Injectors to your engine. Due to the nature of Continental/VDO Injectors and the characteristics of the piezoelectrical arrangement, an ECU self-adaptation is **ESSENTIAL** to ensure optimum injection performance.

2. ECU SELF-ADAPTATION ROUTINE - ALL CONTINENTAL/VDO CR INJECTORS:

Preliminary Steps:

- First of all, confirm the ECU does not have any fault codes.
- Then drive the vehicle, raising the coolant temperature to 80°C.

ECU Self-Adaptation Steps:

- Select 3rd gear and increase the engine speed to 3000 rpm
- Allow the engine to naturally decelerate to 1500 rpm.

⚠ CAUTION
Do not press the brake pedal during this step.

Perform the ECU Self-Adaptation steps an additional 2 times (3 times in total). Now the vehicle can be driven as normal.

⚠ CAUTION
The steps provided above are intended for reference purposes only and do not constitute a comprehensive fitting manual. This procedure should only be conducted by a trained technician.

3. EMISSION STANDARDS - EURO 5/6 GRADING CODE

All VDO CR Injectors should be supplied with a 6, 7 or 9 digit alphanumeric grading code to comply with the applicable emissions standards. To prevent the occurence of the following inssues, this grading code must be programmed into the vehicle ECU in the correct cylinder:

1) Rough Engine Operation/Running

2) Visible Exhaust Smoke

3) Combustion Noise/Knock

4) High Fuel Consumption

After programming the grading code please follow the ECU self-adaptation routine (detailed above).

4. SERVICE POLICY

Please contact your local Technical Service if you have any questions.