

ООО «Сервис Топливных Систем»

PSG5 IMMO Reset TOOL

User manual

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1. Description and Main Characteristics

1.1 Device Purpose

The PSG5 IMMO Reset TOOL is used for working with PSG5 electronic control units (ECUs) of high-pressure fuel pumps (VP44, VP29/30).



High-Pressure Fuel
Pump Assembly (VP44)



Electronic Control
Unit (ECU) PSG5

1.2 Device Functionality

The functionality includes:

- Reading the ECU self-diagnosis results (PSG status) and reporting faults.
- Resetting the FORD immobilizer parameters (for subsequent installation in another vehicle).

1.3 Advantages of Use

The main advantages of using the device are:

- Autonomy (the device requires no additional equipment to operate, only power supply).
- Ease of Use.
- Fast Reset (function is performed within 5-7 seconds, no need to wait 10 minutes).
- Reliability.

3. Working with the Device

After powering on, the device will activate LED_2, which has three lighting modes:

1. LED_2 glows green – The control unit is functioning properly.
2. LED_2 glows red – Fault in the power transistor or dosage solenoid.
3. LED_2 blinks red – EEPROM hardware error.

Next, the device will emit a sound signal (approximately 5-7 seconds later), and LED_1 will glow green – the immobilizer has been reset, and the control unit is ready for installation in the vehicle.

Procedure for Binding the Fuel Pump to the Vehicle:

1. Install and connect the fuel pump.
2. Turn on the ignition for 10-15 seconds without starting the vehicle.
3. Turn off the ignition for 10-15 seconds.
4. Turn on the ignition again (the immobilizer light should go out) and start the vehicle.

4. Package Contents

1. PSG5 IMMO Reset Tool with ECU and power connection cable – 1 unit.

5. Operation Information and Warranty Obligations

5.1 *Storage*

The device should be stored in a dry place, at an ambient temperature of -40°C to +40°C and relative humidity up to 85%.

5.2 *Transportation*

The device can be transported by any means at an ambient temperature of -40°C to +50°C, provided it is protected from mechanical damage and atmospheric precipitation.

5.3 *Warranty*

1. The manufacturer guarantees the device's functionality for 12 months from the date of sale.
2. The warranty period for connection cables and adapters is 3 months from the date of sale.
3. The manufacturer does not cover warranty obligations for mechanical damage, misuse, improper transportation, or storage.
4. The consumer assumes all responsibility and any damage resulting from using the device contrary to the requirements of this manual.

