

Gen. Operating Manual Device description

Version 1.3. – 29-01-2018



13310 V2 Injecto Clean System for Injector Cleaning

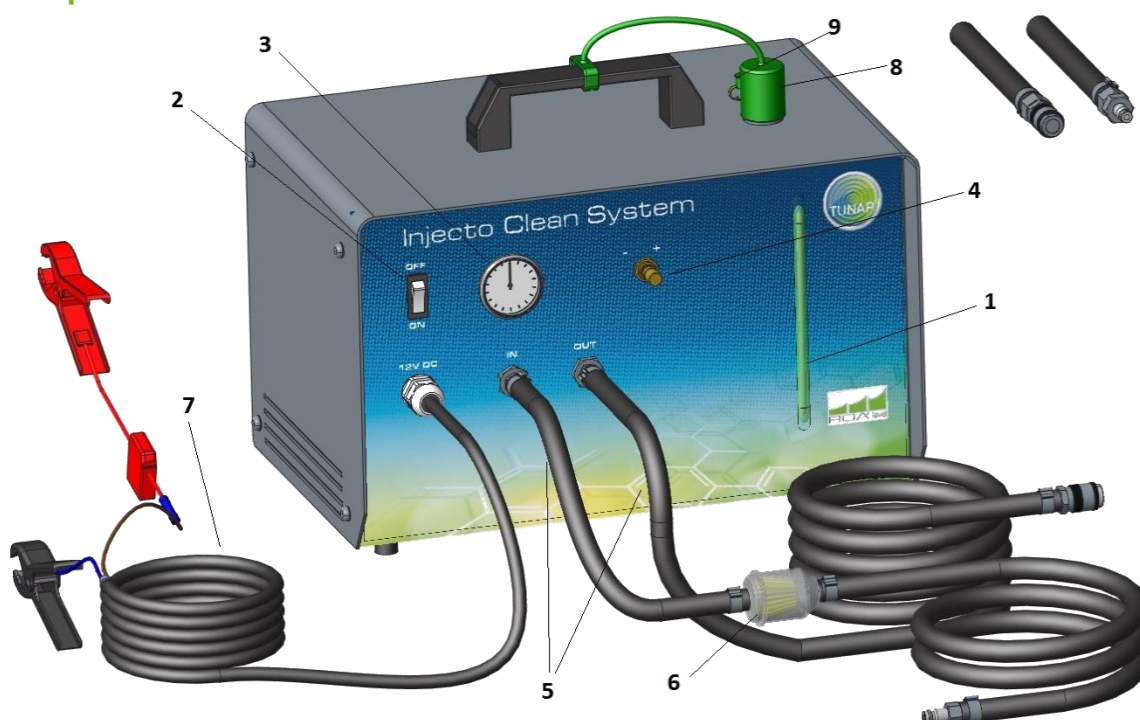
Diesel & Gasoline Fuel Injection Systems

Introduction

Congratulations on purchasing the TUNAP Injecto-Clean System and thank you for the trust you have placed in us.

With the TUNAP Injecto-Clean System you have chosen to combine state-of-the-art technology with high customer satisfaction and sustainable cost reduction. In order to take full advantage of this system, we ask you to follow closely the instructions and information provided in this device manual.

Device description



1	Filling level indication	6	Inline-filter
2	ON/OFF switch	7	Power cable with fuse
3	Pressure gauge	8	Supply connection with closing cap
4	Pressure control valve	9	Closing cap tank ventilation
5	Connecting hoses return (IN) & supply (OUT)		

The specifications provided in this Service Information sheet are the results of careful analysis. Any application-related specifications shall be viewed as recommendations based on past experiences. Due to the wide variety of applications and work methods, we are unable to provide binding specifications. Therefore, there exists no contractual legal relationship, nor will secondary obligations arise from any purchase contracts. Only the most recent version of the Service Information sheet retains its validity.

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Technical Data

Weight	5.8 kg	Flow rate	Max. 195 l/h
Nominal voltage	12V DC	System pressure	3.0 bar
Max. current drain	10A	Pressure regulation	8.0 bar

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Included in delivery

1. TUNAP Injecto Clean System with connecting hoses for fuel supply & return with quick couplings for the supplied universal adapters and the separately available connection set 11 13330
 2. 2 universal connection adapters for the installation of the TUNAP Injecto Clean System into the vehicle fuel supply/return line.
 3. 1 general operating manual
- Please check that delivery is complete before initial operation of the TUNAP Injecto Clean System. In case of incomplete delivery please contact TUNAP directly.
 - Please also check the device and connections for potential shortcomings or damages prior to initial operation.
 - If you detect any shortcomings or damages, do not use the device and contact TUNAP.

Special Safety Instructions

Please also consider the additional Service Information / manufacturer's instructions SI 937 & SI 938 and read them carefully prior to operating the TUNAP Injecto Clean System for the first time. You find the Service Information under the QR-Code of the rear panel from the device or contact the TUNAP sales for your country.

The TUNAP Injecto Clean System is intended solely for professional use in the automobile industry and released only for following cleaning purposes:

- Cleaning of diesel injection systems
- Cleaning of gasoline injection systems

The security precautions have to be closely followed in order to prevent damage of the device, the vehicle, as well as to prevent any harm on human life. The Injecto Clean System must be only operated by qualified personnel with sound knowledge in engine technology.

- The Injecto Clean System must not be opened. Opening the unit voids all warranty claims!
- Service and maintenance must be carried out solely by the manufacturer of the cleaning system.
- For safety reasons only original TUNAP spare parts and accessories must be used.
- Never use the cleaning system in an environment with potentially explosive atmosphere.
- If either one of the connecting hoses or the power cable is damaged in any way, they have to be replaced immediately.



Important information prior to operating

- The cleaning is done via the TUNAP Injecto Clean System without removing the injectors of the vehicle.
- Prior to disconnecting the fuel lines of the vehicle make sure that they are not under pressure.
- Prior to working on the fuel system pay attention to the manufacturer's regulations.
- While operating always wear appropriate protective clothing, safety gloves and protection goggles / safety mask.
- The engine must be at operating temperature prior to cleaning.

Usage

- Place the device on a flat surface and assure a safe and secure positioning
- Make sure the main switch (ON/OFF) is in OFF position
- Connect the power cable (red = plus, black = minus)
- Conduct the cleaning as described in SI 937 or SI 938

Important information after operating

- After each cleaning the inline-filter has to be replaced.



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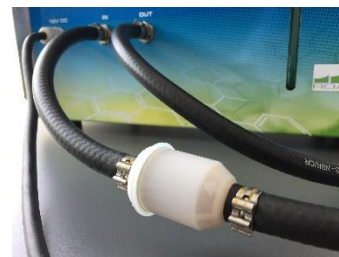
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- Conduct a test drive after cleaning. Read out the error memory and reset.
- For prevention, after cleaning fill in the appropriate TUNAP system active substance (see service information / manufacturer's instructions SI 937 & SI 938)
- If after cleaning the device is not used for more than 2 days or a vehicle has to be cleaned with a different fuel type, empty lines and deposit for more information please see service information / manufacturer's instructions SI 937 & SI 938



Inline-filter

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