

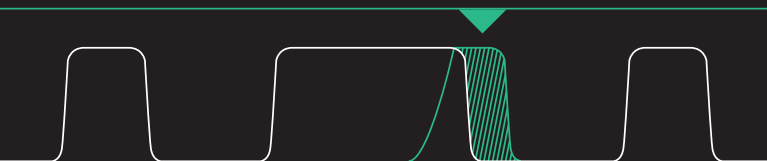
HOW IT WORKS ?



» VIDEO



STEINBAUER INJECTION DURATION



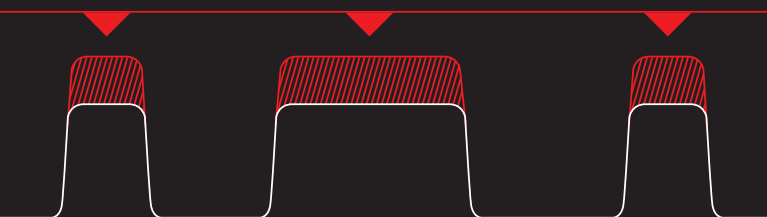
PRE-INJECTION

MAIN INJECTION

POST-INJECTION

- » UNIQUE POWER ENHANCEMENT PRINCIPLE
- » NO DAMAGE TO THE INJECTOR, INJECTOR PUMP, DPF OR THE PISTONS
- » PATENTED TECHNOLOGY *

COMPETITORS INJECTION PRESSURE



PRE-INJECTION

MAIN INJECTION

POST-INJECTION

- » CRITICAL INJECTION PRESSURE
- » CRITICAL DAMAGE TO THE INJECTOR OR PISTON
- » HIGHER EXHAUST TEMPERATURE CAN DAMAGE DPF
- » CHEAP SOFTWARE, PRODUCTS FROM UNKNOWN ORIGIN

20 YEARS OF EXPERIENCE.

The STEINBAUER difference is ...

- » MADE AT OUR HEADQUARTERS IN AUSTRIA
- » QUALITY CONTROL - STRINGENT INSPECTION & TESTING
- » EXPERIENCED TECHNICIANS & FACTORY SUPPORT
- » TESTED & MAPPED FOR NORTH AMERICAN CONDITIONS
- » IN-HOUSE DEVELOPMENT - TESTED WORLDWIDE
- » ORIGINAL MANUFACTURER'S INDUSTRY STANDARD

20TH
ANNIVERSARY
1996 - 2016

Your authorized STEINBAUER Dealer

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STEINBAUER®

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STEINBAUER®

KNOW THE FACTS

ENGINE TUNING METHODS EXPLAINED

* Patent for specific GM, Ford, Mercedes and BMW diesel models.

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CAUTION NOT ALL TUNING PRODUCTS ARE EQUAL



WOULD YOU RISK YOUR INJECTORS AND ENGINE?

Increasing the **INJECTION PRESSURE** can lead to **INJECTOR AND PISTON HEAD DAMAGE** & may leave **PERMANENT FOOTPRINTS ON THE ECU!**

KNOW THE WARNING SIGNS!

- ☐ Do they have a USA registered office/company?
- ☐ Read the Warranty T&C. What does it really cover?
- ☐ You need to remove and ship your ECU for tuning?
- ☐ Can you visit their Company to see product manufacturing?
- ☐ Do they actually have an R&D department, with qualified engineers and equipment?
- ☐ Do you really know who makes the product and where?
- ☐ Does their development staff have the background and working knowledge of how the machine operates?
- ☐ What company, if any, stands behind the 'Warranty'?



ORIGINAL ECU CHIP FLASHING

A method common in the past where the ECU was opened and certain parts were exchanged with components running modified engine management programs.

BREAKING OF THE ORIGINAL WARRANTY SEAL WHEN OPENED!

SOLDERING ON THE PCB BOARD

CAUSES DAMAGE! DAMAGED ECU CAN BE EXPENSIVE: \$2500 PLUS

WRONG PROGRAMMING INCREASES RISK OF ENGINE ISSUES!

ENGINE FAILURE WORST CASE SCENARIO

INCREASED STRESS ON ENGINE COMPONENTS, INJECTORS, INJECTOR PUMP & PISTONS

NO POSSIBILITY TO RETURN TO STOCK

LOWER RESALE VALUE AFTER CHIP TUNING

LEAVES FOOTPRINT ON ECU



ECU FLASHING RE-PROGRAMMING

Modified boost and fuel pressure maps are used to overwrite factory settings. Sensors warning thresholds are increased to prevent errors from popping up.

INCREASE OF BOOST AND COMMON RAIL PRESSURE

ERROR CODES ARE DEACTIVATED! LIMITS OF THE SENSOR VALUES! ARE USUALLY INCREASED

INCREASED STRESS ON ENGINE COMPONENTS, INJECTORS, INJECTOR PUMP & PISTONS

BACKUPS OF ORIGINAL SOFTWARE ARE RARELY MADE

SAFETY PARAMETERS IGNORED ENGINE FAILURE

SOFTWARE OFTEN DELETED DURING SCHEDULED SERVICES

NO PHYSICAL PRODUCT CANNOT BE USED ELSEWHERE



RAIL PRESSURE CHEAP TUNING BOXES

These simplistic devices enhance power by increasing the fuel pressure beyond factory settings. This often results in error codes, or worst case engine damage.

INCREASE OF BOOST AND COMMON RAIL PRESSURE

CHEAP COMPONENTS AND RARELY WATERPROOF!

SIMPLE INSTALLATION VIA WIRING LOOM

SIMPLE SOFTWARE INTEGRATED

HIGH LOAD ON THE FUEL SYSTEM DUE TO INCREASE OF FUEL PRESSURE & COMBUSTION TEMPERATURE

INCREASED STRESS ON ENGINE COMPONENTS, INJECTORS, INJECTOR PUMP & PISTONS

ENGINE FAILURE WORST CASE SCENARIO

HIGH RISK OF FOOTPRINT ON ECU



STEINBAUER POWER MODULE

The power gain is achieved by optimizing and extending the main injection phase. This way the engine is not exposed to increased pressure or temperature levels.

PATENTED U.S. PATENT No. 7 765 987 *

SAFETY - MANUFACTURERS SAFETY SETTINGS REMAIN IN PLACE

NO CHANGE IN INJECTION PRESSURE

NO INTERFERENCE WITH THE ORIGINAL ECU

EASE OF INSTALLATION WITH ORIGINAL CONNECTORS

3 YEAR WARRANTY ON STEINBAUER PRODUCTS *

FIELD TESTED WORLDWIDE

OEM QUALITY OF THE AUTOMOTIVE INDUSTRY

PERFECT PURPOSE-BUILT ADJUSTMENT

