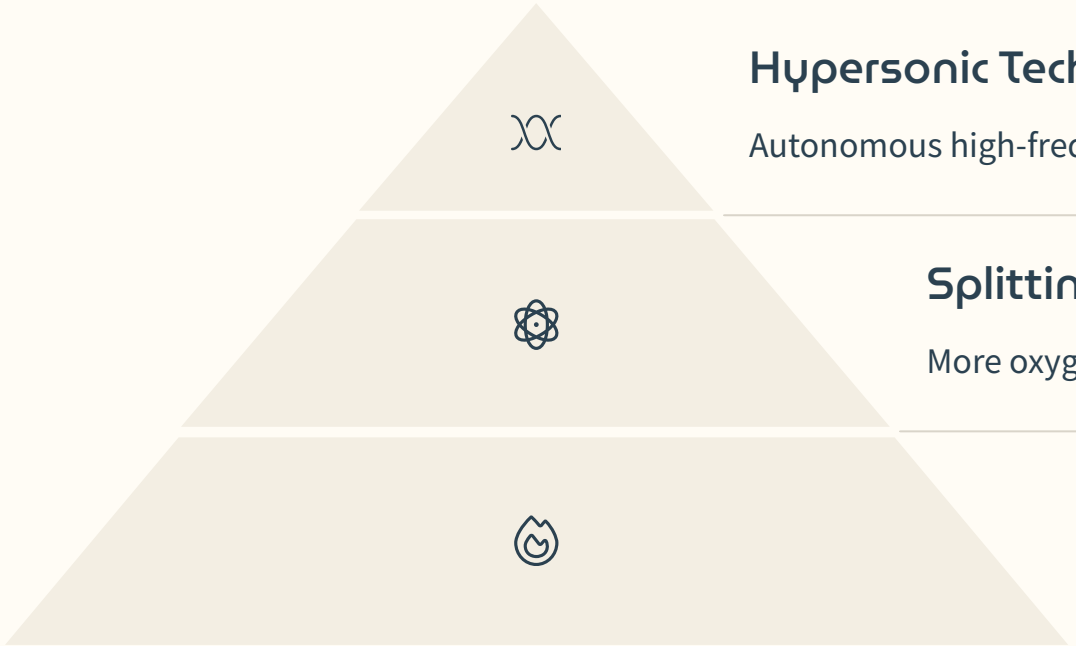
O2 Power Booster: Functional Description and Installation Instructions

The O2 Power Booster is an innovative device for increasing the performance of piston engines. This high-quality stainless steel product can be installed in all vehicles with petrol or diesel engines. With dimensions of approximately 70 x 25 mm and a weight of only 150g, the cylinder can be easily mounted in the air filter housing. The O2 Power Boost is not a chip tuning!

The maintenance-free B02 Power Booster operates completely autonomously and has no influence on the manufacturer's software or general engine function. The mounting is done in the air filter, which makes the installation relatively simple.

Functionality of the O2 Power Booster



Hypersonic Technology

Autonomous high-frequency vibration.

Splitting of Oxygen Molecules

More oxygen volume + better turbulence.

Improved Combustion

Accelerated combustion in the engine + more torque

The development of the O2 Power Booster is based on an autonomous Hypersonic Technology. The operating principle enables an increase in oxygen volume through the splitting of oxygen molecules in the intake process as well as higher turbulence.

As a result of the increased supply of oxygen atoms, combustion in the engine is accelerated or the proportion of oxygen in the fuel-air mixture is improved. This leads to a noticeable increase in power, more smoothness and a significant reduction in fuel consumption.

Installation Position and Fundamentals

Air Intake

Outdoor air is drawn in

2

O2 Power Booster

Installed BEFORE the air filter

Engine

Receives enriched air/oxygen mixture for improved combustion.

The installation is generally carried out in the air filter housing, where the air filter is installed. The mounting point is individual and vehicle-specific, but always occurs before the filter in the flow of the drawn-in outdoor air.

For safety reasons, an installation after the filter must not be carried out. The installation or attachment is carried out within the filter housing, where the outdoor air is drawn in by the engine.

Installation of the O2 Power Booster

Open air filter housing

Access the air filter according to the vehicle manual.

Determine positioning

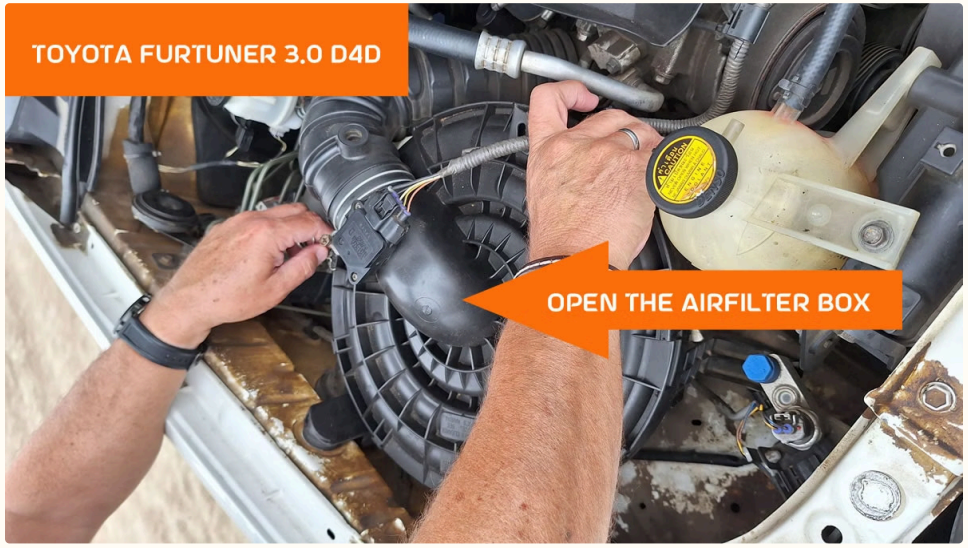
Place the cylinder in front of the air filter in the air flow.

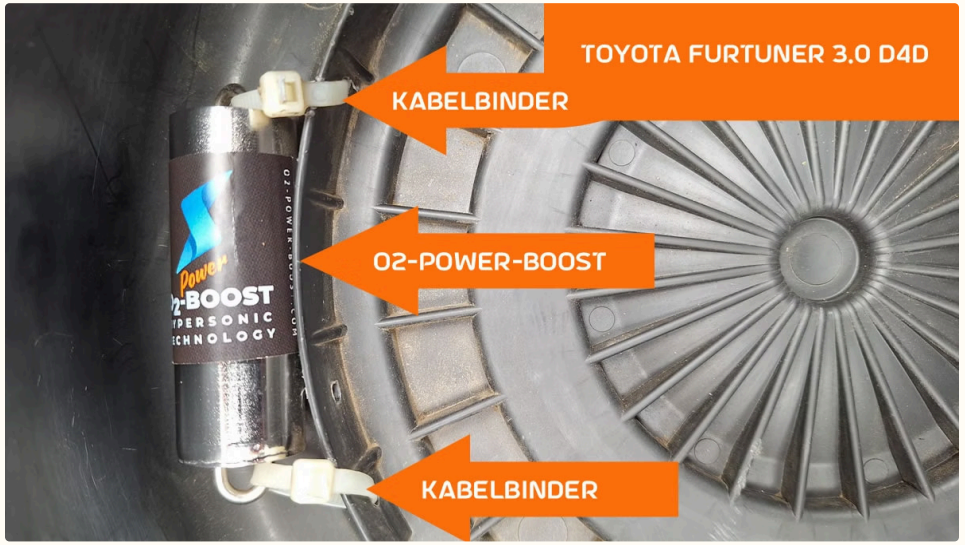
Cylinder mounting

The cylinder is secured to the air filter housing with two cable ties.

This may require drilling small holes in the plastic housing to allow the cable tie to fit through the hole.

Example of installation Toyota Furtuner 3.0 D4D





The air flow typically flows from bottom to top into the air filter, with the booster positioned in the air flow before the filter.

Depending on the vehicle type and design of the air filter housing, the exact positioning may vary. It is always important that the cylinder is placed in the air flow before the filter to achieve optimal effect.

Effect, Performance Range, Displacement

Increase torque

Noticeable improvement in engine power through optimised combustion from idle speed.

Optimise smooth running

Improved engine smooth running through more uniform and efficient combustion in all cylinders.

Reduce fuel consumption

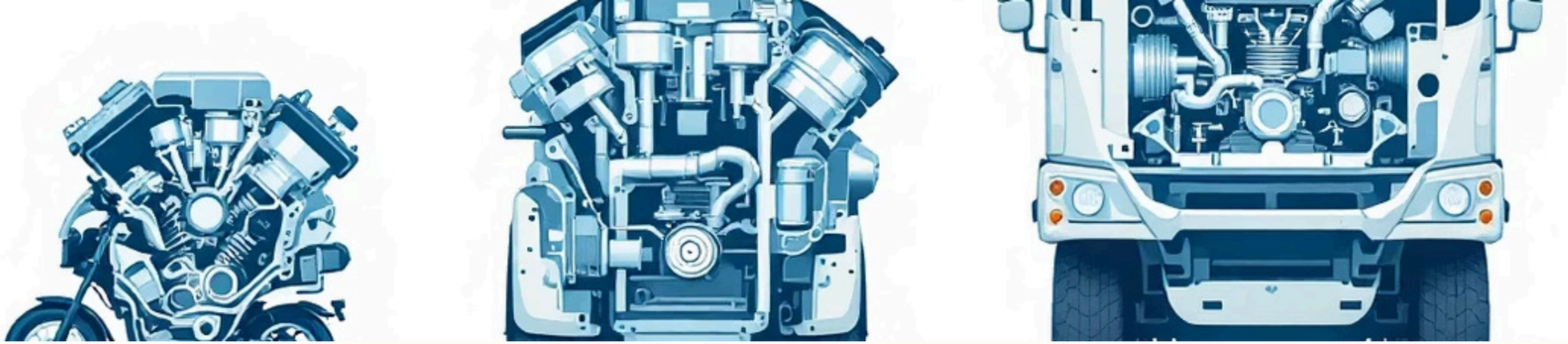
Significant reduction in fuel consumption through higher combustion efficiency and better energy utilisation.

Improve exhaust values

The optimised combustion improves the exhaust values.

The effect and performance of the O2 Power Booster depends on the air volume supplied or drawn into the engine. This applies regardless of whether it is a naturally aspirated or turbocharged engine.

As a general rule, a single O2 Power Booster unfolds its effect up to a maximum of 5 litres of displacement. For larger engines, more boosters are required accordingly.

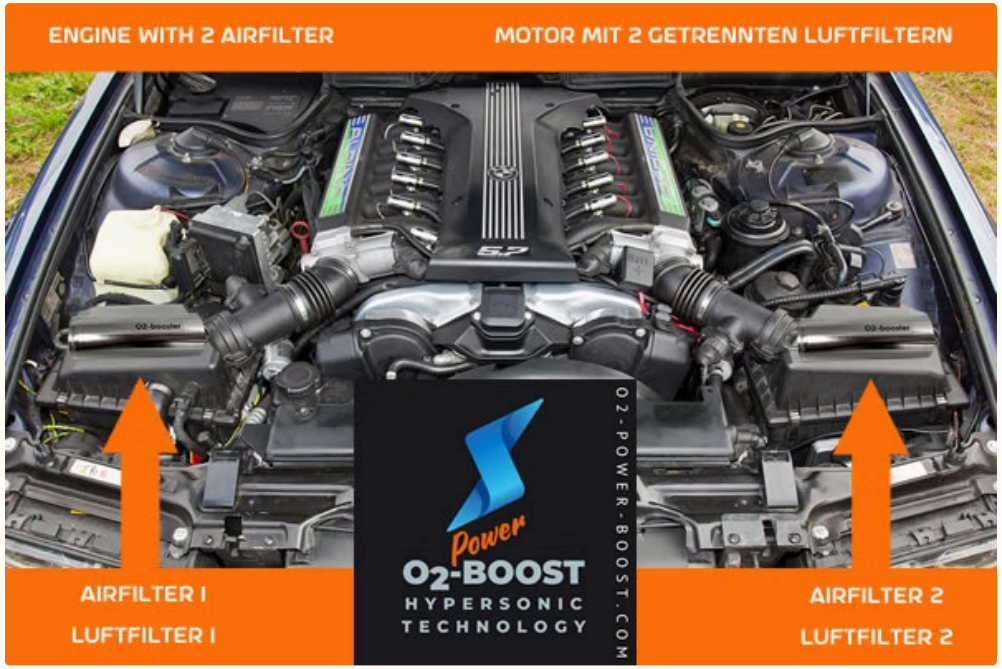


Dimensioning over 5 litres displacement

Vehicle type	Displacement	Air filter	Number of boosters
Standard passenger car	up to 5 litres	1	1
Passenger car with large engine	over 5 litres	1	2
Medium-sized truck	8 litres	1	2
Large truck	16 litres V-engine	2	4 (2+2)

For engines with more than 5 litres displacement (for example up to 10 litres), a second cylinder is required. The number of boosters is generally based on the engine displacement in 5-litre increments.

Especially in the commercial vehicle sector, it must be checked how many air filter systems are installed in the vehicle. In the case of V-engines with separate air filter systems, the boosters must be distributed evenly across both systems in order to achieve optimal effectiveness.



More information and to the shop: www.02-power-boost.com

Manufacturer and Distribution

For commercial vehicles with up to 16 litres of displacement or more, usually as 6, 8 or 10 cylinders in a V-configuration, the number of air filter systems must be taken into account. The installation should always be carried out in such a way that the boosters are positioned at equal distances from each other.

Development, production and distribution are carried out by:

ZamOne AG in Switzerland. www.02-power-boost.com