

LEXICON

AC SCHNITZER

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Diesel Power Upgrade

Technical Description

The AC Schnitzer power upgrade is a Control Unit program for aftermarket installation. The conversion prepares the data as a function of engine speed and accelerator position and sends this to the injectors. A model-dependent increase of between 20 and 40 HP results from the modified injection times. Longer injection times allow more fuel to reach the combustion chamber, ensuring higher efficiency. The charge pressure has not been increased, in order to ensure robustness. All new developments are subjected to extensive tests before release. After the engine has reached its maximum torque output in the range between 2000 and 4000 rpm, when the speed increases further the fuel quantity is reduced down to the original standard power level. This prevents overheating of the engine on long, fast motorway runs. The power upgrade can be removed again at any time on request.

Benefits for the Customer

More agility

-> Improved driving performance thanks to higher torque and power.

More safety

-> Better acceleration on overtaking manoeuvres. -> Faster exit from dangerous situations.

More driving pleasure

-> More driving pleasure from improved response and extra power.

-> Thanks to the improved efficiency of the engine, lower fuel consumption is achieved with unchanged driving behaviour.

Warranty (more info. at www.ac-schnitzer.de/partner/sonstige/garantiebedingungen.pdf)

-> Full warranty, 2 years from first registration up to 100,000 km on all components excluded by BMW AG.

Optional extended warranty for a 3rd year from first registration up to 100,000 km.

beyond the standard.