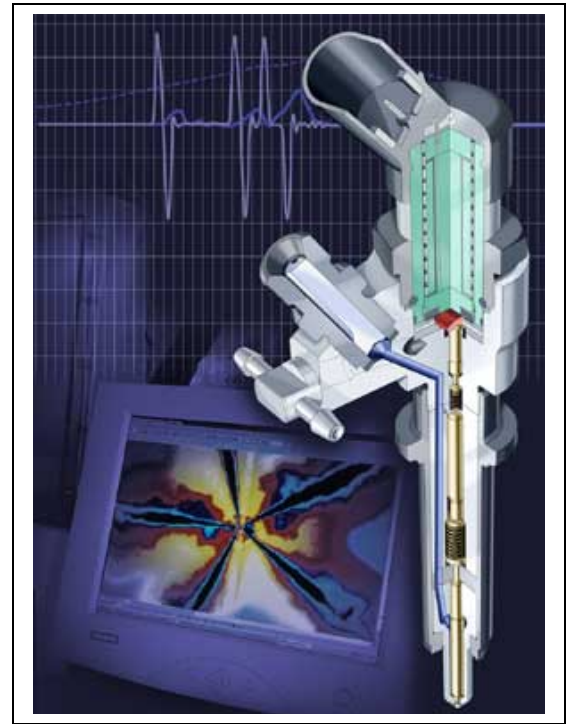


## 134-170 hp 2.0 TDI



This engine was made to replace the older higher-powered versions of the 1.9 TDI. It is the first DOHC 4-cylinder TDI engine made by Volkswagen. The engine will be used in VW and Audi lines and is classified as a world engine.

Daimler-Chrysler and Mitsubishi will be using this engine also. Read the rest of the document, just because I teach the TDi and Pumpe Düse (PD) engine class, doesn't mean you can't apply training to the Daimler-Chrysler and Mitsubishi.

With piezo technology, fuel can be more precisely closed when injected into an engine's combustion chamber, considerably reducing fuel consumption and exhaust emissions. In cooperation with developers at automotive supplier Siemens VDO, researchers at Siemens Corporate Technology have been working since the early 1980s to get the process ready for the market.

**Configuration:** Inline 4 cylinder 1968 cm<sup>3</sup> TDI

**Head:** 4 valves per cylinder, DOHC  
Compression ratio 18.5:1

**Fuel system:** Unit injectors direct-injection pump/nozzle, piezo actuators valve, pressure up to 2,200 bar

**Aspiration:** Switched induction manifold for turbulence control, turbocharged, intercooled

**Engine management:** Bosch EDC 16 / SiemensVDO SIMOS PPD1  
Exhaust particulate filter

**Output:**

100 kW (136 hp) @ 4000 rpm  
310 N·m @ 1750 to 2500 rpm  
103 kW (140 hp) @ 4000 rpm  
320 N·m (247 lbf·ft) @ 1750 rpm  
125 kW (170 hp) @ 4200 rpm  
350 N·m @ 1800 to 2500 rpm  
aftermarket 150 kW (204 hp)

**Applications:** VW Golf, VW Touran, VW Jetta, VW Passat and Passat Wagon since 2005, possibly VW Tiguan, Audi A3 (8P), Audi A4 (B7), Audi A6 (B6), SEAT Leon, SEAT Altea and XL, SEAT Toledo, Skoda Octavia, Dodge Caliber, Jeep Compass, Mitsubishi Grandis, Mitsubishi Outlander, Chrysler Sebring sedan, Chrysler Sebring (convertible), Dodge Avenger.

# THINK OUTSIDE THE BOX

Look it up on these sites:

[http://en.wikipedia.org/wiki/List\\_of\\_Volkswagen\\_engines#134-170\\_hp\\_2.0\\_TDI](http://en.wikipedia.org/wiki/List_of_Volkswagen_engines#134-170_hp_2.0_TDI)

[http://en.wikipedia.org/wiki/Dodge\\_Avenger](http://en.wikipedia.org/wiki/Dodge_Avenger)

<http://www.wheels.ca/printArticle/31496>

<http://www.allpar.com/cars/dodge/caliber.html>

[http://findarticles.com/p/articles/mi\\_m3012/is\\_2\\_185/ai\\_n13503087](http://findarticles.com/p/articles/mi_m3012/is_2_185/ai_n13503087)

<http://www.dieselforecast.com/>

This document with the other included documents, are meant to be shared with management and service technicians.

This is the way of the future, where do you want to go?