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FSI/TFSI principle. At Audi, FSI stands for gasoline direct injection, a technology in which fuel is injected directly into the combustion chambers, rather than into the intake manifold in the traditional manner. More favorable in terms of thermodynamics, this method improves the efficiency of the engine. FSI engines achieve higher performance and better dynamics than conventional engines, with better efficiency.

In TFSI engines, the high-pressure pump is driven by the camshaft. In EA113 engines, the camshaft has a cam in this place. The connection between the high pressure pump and the camshaft is made via a pump tappet.

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#### Audi 2.0L TFSI Engine, Facts That You Might Have Missed ...

3.0/2.9 V6 24v TFSI (EA839) The base engine is the 260 kW (354 PS; 349 bhp) 3.0 TFSI, available on some Audi S models and a slightly detuned version(250 kW (340 PS; 335 bhp)) with 48V mild hybrid system on some higher end Audi A models. The 2.9 TFSI engine is a shorter stroke variant with much higher output. identification

#### 2.0 TFSI Engine in Action - YouTube

The turbocharged 1.5-litre 150PS engine can accelerate to 62mph in 8.6 seconds and top speed is 139mph, in line with its nearest rivals. There's the choice of either 6-speed manual or s tronic 7-speed auto transmission With this 1.5-litre model, you don't get the option you would further up the range of quattro 4WD.

It is powered by a 4.0-litre TFSI biturbo V8 engine with 382 kW (512 hp). The engine utilises cylinder deactivation so it can run as a V4 for better fuel economy. The S8's engine is shared with the Bentley Continental GT, while a detuned variant of the engine makes 420 hp which is found in the 2013 Audi S6, Audi S7, and Audi A8.

<http://www.eurocarnews.com> - 200 hp DOHC in-line 2.0 liter four-cylinder with FSI® Direct Injection, variable valve timing, intake manifold and exhaust turbo...

#### Volkswagen Audi 2.0 TSI/TFSI EA113 Engine specs, problems ...

History, Power & Specs of the 1.8 TFSI / 2.0 TFSi EA113 Engine The 2.0TFSi used a BorgWarner K03 turbocharger (this was upgraded to a K04 on 227bhp versions upwards and makes a logical upgrade path for the K03 engines) 168 bhp at 4,300 rpm; 280nm 207 lbft at 1,800-4,200 rpm

The two-liter EA113 TFSI engine appeared in 2004. It was designed on the base of naturally aspirated engine VW 2.0 FSI with direct fuel injection. The main difference between two engines is letter T, which means - turbocharged. That is not the only one difference, of course.

The TFSI (Turbo fuel stratified injection) is the world's first turbocharged direct injection engine. This system produces higher power output and optimum engine response, all while providing greater fuel efficiency and reduced emissions.

#### VW Audi 1.8 TSI/TFSI EA888 Gen 1/2/3 Engine specs ...

The 1.5-litre four-cylinder engines were each designed as charged direct fuel injection engines (TSI). The outstanding technical aspect of the engine is its active cylinder management (ACT). Volkswagen is the first carmaker to implement this fuel saving cylinder deactivation technology on four-cylinder engines, as it was previously the preserve of large eight or 12 cylinder engines.

#### Petrol engines | Volkswagen UK

#### Audi TFSI Engine- How it Works | Mishawaka, IN Audi ...

TFSI engines Turbo fuel stratified injection ( TFSI ) is a trademark of the Volkswagen Group for a type of forced-aspiration (" turbo ") engine where the fuel is pressure-injected straight into the combustion chamber in such a way as to create a stratified charge .

#### All you need to know about tuning the 1.8 TFSi and 2.0 TFSi

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#### Why Audi Replaced Diesel With a V8 TFSI Engine on the SQ7 ...

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The 1.8 TSI / TFSI engine of the EA888 family was designed and developed by AUDI AG and introduced in 2007. It is a 1.8-liter four-cylinder gasoline turbocharged engine with direct fuel injection. The EA888 1.8 TSI and 2.0 TSI engines replaced the EA113 series 1.8-liter and 2.0-liter engines.

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#### Stratified charge engine - Wikipedia

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Audi 2.0 TFSI engine model

Catastrophic Piston Failure 2.0t TSI Engine ~ Walkthrough and Diagnosis *Catastrophic Engine Failure VW 2.0t TSI Engine ~ MONEY SHIFT! Audi 1.8-litre TFSI engine in action - by autocar.co.uk* **Good Book Guide : The Mendings of Engines 2020 Audi Q7 | First Drive VW GOLF GTI Engine REMOVAL Full Video TUTORIAL - VW CCZA 2.0 TSI Tfsi Engine**

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AUDI A5 , 1.8 TFSI PETROL ENGINE CODE CJE .65621 MILES. Audi A5 2.0 TDI Engine Complete 174hp 130kW CGL Auto 8T ~70K Miles 30/9 . (Fits: Audi A5)

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