

We are Spanish and German. We are passionate perfectionists. We are emotional technologists. Everything we know, is everything you feel. We give design a purpose. We bring technology to life. We call it TECHNOLOGY TO ENJOY. We are SEAT.



Authorized **SEAT SERVICE**



**SEAT GENUINE PARTS**

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**SEAT GENUINE  
GLOWPLUGS**

Where everything starts

TECHNOLOGY TO ENJOY

## DID YOU KNOW?

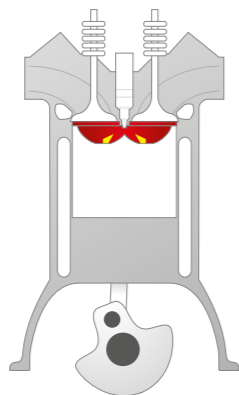
In diesel engines, fuel is pressure injected into the combustion chamber so that it ignites later with the heated and compressed air. However, for cold start-up, it is necessary to have a glow or incandescence plug to perform the same process.

The glow-plug is generally housed close to the injection nozzle and sticks into the combustion chamber between 3 and 8 mm. At its maximum level it can reach temperatures of approximately 1,100°C.

Electronically regulated glow-plugs reach, in an interval of one or two seconds, the necessary temperature to ignite the fuel. On the other hand, the self-adjusting glow-plugs require a longer pre-incandescence time.

Glow-plugs continue to be supplied up to three minutes after start-up in order to guarantee the best ignition conditions in the engine heat-up phase.

The glow-plugs are connected in parallel so that if one of them fails the next one will still work. However faulty glow-plugs might prevent cold start and need to be replaced as soon as possible.



## SEAT GENUINE GLOWPLUGS

They have been manufactured according to the SEAT engineers' specifications for the engines used in their models. Materials used allow for optimum fuel consumption, low emissions during start-up phase, extremely smooth driving from engine start-up and lower risk of oxidation and soot building up.

Its optimum performance prevents an increase of the glow-plugs' mass so that they can be easily loosened and removed without harming the thread or the engine block, even after prolonged use.

As they are not that thick they can be handled easily within the reduced space for assembly, however, they are extremely strong resistant to time.

The benefit of this, as they do not require often replacement, is that they are not costly.

## ADVANTAGES

- / Optimized for SEAT engines.
- / Low emissions in start-up phase.
- / Smooth drive and driving comfort from engine start-up.
- / Minimized risk of oxidation and soot building up.
- / Extremely long lasting.

## SEAT GENUINE PARTS

- / The same quality as the parts used in manufacturing the vehicle.
- / They contribute to all the vehicle parts adapting perfectly with each other, therefore rendering utmost safety, reliability and performance.