



## IGNITION COILS

IGNITION SYSTEM | 24002

### Purpose

The ignition coil is located either above the spark plug or connected to it via an ignition cable. It has one of the most important tasks in engine control: the ignition coil must be able to generate a high voltage continuously and at very short intervals so that the spark plug can trigger an ignition spark.



### SYMPTOMS

- Engine does not start
- Engine failure after start
- Engine does not idle smoothly
- Check engine light remains on
- Increased fuel consumption
- Loss of power



### CAUSES OF FAILURE

- Broken housing
- Coils are internally burnt
- Oxidised contacts
- Broken attachment clips
- Worn-out electronics



### CONSEQUENTIAL DAMAGES

- Increased wear of the spark plugs due to misfiring; more deposits form on the spark plug
- Increased wear and power loss of the entire engine due to misfiring
- Poor to no ignition of the mixture in the combustion chamber
- Catalyst damage due to a high quantity of unburned fuel



### VEMO ADVANTAGE

More than 300 Ignition Coils can be found on [www.autoteile.de](http://www.autoteile.de)

- fully automatic winding of the coils
- optimised ignition spark with higher variability and frequency
- improved fuel consumption, smooth engine idling and reduced emissions
- robust materials e.g. plastic body PBT GF30 according to DIN 52612

# IGNITION COILS

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## AUDI | VW



<b>Audi</b>	A2
<b>VW</b>	Golf IV
<b>Engine Type</b>	Petrol
<b>X-Ref</b> 036 905 715 F*	<b>V10-70-0012</b>

## AUDI | VW



<b>Audi</b>	A2, A3, A4
<b>VW</b>	Golf IV, Bora
<b>Engine Type</b>	Petrol
<b>X-Ref</b> 032 905 106 B*	<b>V10-70-0044</b>

## AUDI | VW



<b>Audi</b>	A3
<b>VW</b>	Golf IV
<b>Engine Type</b>	Petrol
<b>X-Ref</b> 06A 905 115 D*	<b>V10-70-0013</b>

## FORD



<b>Ford</b>	Cougar, Escort, Ka, Focus, Mondeo, Puma
<b>Engine Type</b>	Petrol
<b>X-Ref</b> 1 619 343*	<b>V25-70-0001</b>

## FORD



<b>Ford</b>	C-Max, Fiesta V, Focus II, Mondeo IV
<b>Engine Type</b>	Petrol
<b>X-Ref</b> 1 459 278*	<b>V25-70-0009</b>

## OPEL



<b>Opel</b>	Astra H, J, Corsa D, Zafira C, Adam
<b>Engine Type</b>	Petrol, Hybrid
<b>X-Ref</b> 12 08 096*	<b>V40-70-0081</b>

\* For detailed vehicle information, please refer to the vehicle lists under [www.autoteile.de](http://www.autoteile.de).

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