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## How Often Does the Car Ignition Coil Change?

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Many parts of automobiles play a key role, but they are easily damaged due to the influence of the working environment, such as spark plugs and ignition coils. These important parts, if there are abnormal conditions in use, must be carefully checked and not underestimated. Many people say that ignition coils don't care about life expectancy, they can be replaced if broken, and they are not expensive. So, generally speaking, how often does the **ignition coil** be replaced? In fact, there is no fixed replacement cycle for the ignition coil.

Everyone knows that spark plugs need to be replaced regularly, but many people ignore the maintenance of other parts of the ignition system, such as the ignition high-voltage coil. When the engine is running, there is often a high-voltage pulse current of tens of thousands of volts on the ignition coil. Because it works in a high temperature, dusty, and vibrating environment for a long time, it will inevitably cause aging or even damage.

The simple explanation of the ignition coil is to allow the spark plug to "generate a spark" to ignite the part of the mixed gas in the cylinder. In fact, it is a transformer responsible for converting the low-voltage current of the vehicle into high-voltage electricity. Under normal circumstances, each cylinder is equipped with a set of ignition coils and spark plugs. The ignition coils are generally replaced within 100,000 kilometers or even longer.

However, the ignition coil should not be underestimated at ordinary times. If there is any abnormality, it must be treated with caution. The damage of the ignition coil is easier to judge. When the vehicle is driving, the engine suddenly jitters abnormally (after driving a long kilometer), accompanied by an obvious lack of power, then you have to consider the possibility of the ignition coil Problem. Once the ignition coil is abnormal, the spark plug will not work, and the mixed gas in this cylinder will not deflagrate. When the vehicle loses one cylinder, the lack of power is natural.

Ignition Coil found or type unknown

Ignition Coil

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Generally speaking, what is the life of the ignition coil?

**Ignition Coil supplier** believes that: Under normal circumstances, each cylinder is equipped with a set of the ignition coil and spark plug, and the service life of the ignition coil is generally 100,000 kilometers or more.

For car owners, if you want to make the ignition coil longer life, you must pay attention to the use of spark plugs. Using aging spark plugs will increase their workload. In addition, pay attention to the water temperature of the car. The ignition coil of the car with high water temperature is easy to burn out. The reason why the low voltage on the car can be turned into a high voltage is because it has the same form as an ordinary transformer, and the turns ratio of the primary coil and the secondary coil is large. But the working method is different from the ordinary transformer. The ordinary transformer works continuously, while the ignition coil works intermittently. It repeatedly stores and discharges energy at different frequencies according to

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the engine speed.

The failure of the ignition coil is often due to the poor quality of the fuel, which cannot be fully burned, resulting in excessive carbon deposits in the spark plug, and the ignition coil will be broken down and the ignition coil assembly will be damaged.

Based on the protection of the ignition coil, you need to pay attention to the following aspects when driving: prevent the ignition coil from being heated or damp; do not turn on the ignition switch when the engine is not running; check, clean, and tighten the circuit connectors frequently to avoid short circuits or grounding; control Engine performance, prevent the voltage from being too high; the spark plug must not be "hanging" for a long time; the moisture on the ignition coil can only be dried with a cloth, and must not be baked with fire, otherwise it will damage the ignition coil.

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