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› ECCPP Ignition Coil Pack UF484 for Volkswagen 2.0L Engines

ECCPP UF484

ECCPP Ignition Coil Pack UF484 Instruction Manual

For Volkswagen 2.0L Engines

1. PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your ECCPP Ignition Coil Pack UF484. This ignition coil is designed to deliver reliable performance for compatible Volkswagen 2.0L engines, ensuring efficient combustion and optimal engine function.



Image: ECCPP Ignition Coil Pack UF484, a black block-style ignition coil with four terminals.

2. VEHICLE COMPATIBILITY

The ECCPP Ignition Coil Pack UF484 is compatible with the following Volkswagen models equipped with a 2.0L L4 engine:

- **Volkswagen Beetle:** 1998-2011 (2.0L Petrol Hatchback, 2003-2005 2.0L Petrol Convertible)
- **Volkswagen Golf:** 2001-2006 (2.0L Petrol Hatchback)
- **Volkswagen Golf City:** 2007-2010 (2.0L)
- **Volkswagen Jetta:** 2001-2005 (2.0L Petrol Sedan)

- **Volkswagen Jetta City:** 2007-2009 (2.0L)

Reference Numbers: UF484, E984, IC564, 06A905097, 06A905104, 5C1390, 610-58612, 52-1741, C1393.



Image: A graphic displaying compatible Volkswagen models and years for the ignition coil, alongside a silver Volkswagen Beetle.

3. PRODUCT FEATURES

The ECCPP Ignition Coil Pack UF484 is engineered with several features to ensure reliable and long-lasting performance:

- **OEM Standard:** Manufactured to meet or exceed original equipment manufacturer specifications for fit and function.
- **Durable Material:** Constructed from robust materials designed to withstand harsh engine conditions.
- **Silicone Boot:** Features a high-quality silicone boot for superior insulation and protection against moisture and contaminants.
- **Temperature Resistance:** Designed to operate stably in extreme temperatures, from -22°F (-30°C) to 122°F (50°C), ensuring quick ignition in cold conditions and durability under heat.



Image: A close-up view of the ignition coil highlighting its internal components and construction, labeled as OEM Standard, Durable Material, and Silicone Boot.

Cold Resistance Heat Resistance

Can Work in (-22°F-122°F) a Grim Environment Stably



-22°F
Can Ignite Quickly
Under a Cold Condition

122°F
More Durable
Under Heat Condition

Image: A graphic illustrating the ignition coil's ability to withstand extreme temperatures, with a cold, snowy landscape on one side and a hot, desert landscape on the other.

4. INSTALLATION AND SETUP

Replacing an ignition coil requires basic automotive knowledge and tools. If you are unsure about any step, it is recommended to consult a qualified mechanic.

Safety Precautions:

- Always disconnect the vehicle's battery before starting any electrical work.
- Ensure the engine is cool to the touch to prevent burns.

- Wear appropriate personal protective equipment, such as gloves and eye protection.

General Installation Steps:

1. Locate the existing ignition coil(s) on your engine. Refer to your vehicle's service manual for the exact location.
2. Carefully disconnect the electrical connector from the old ignition coil.
3. Remove any mounting bolts or clips securing the old coil.
4. Gently pull the old ignition coil straight up to remove it from the spark plug well.
5. Insert the new ECCPP Ignition Coil Pack UF484 into the spark plug well, ensuring it seats properly.
6. Secure the new coil with the mounting bolts or clips.
7. Reconnect the electrical connector to the new ignition coil. Ensure a secure connection.
8. Reconnect the vehicle's battery.
9. Start the engine and check for proper operation and any diagnostic trouble codes (DTCs).

5. OPERATING PRINCIPLES

The ignition coil is a crucial component of your vehicle's ignition system. Its primary function is to transform the low voltage from the vehicle's battery into the high voltage required to create a spark at the spark plug. This spark ignites the air-fuel mixture in the engine's cylinders, initiating combustion and powering the vehicle. The ECCPP Ignition Coil Pack UF484 is a block-style coil designed for specific 2.0L Volkswagen engines. It is engineered to provide a strong, consistent spark, which contributes to:

- **Fast Start-Up:** Ensures quick and reliable engine ignition.
- **Improved Fuel Efficiency:** A consistent spark leads to more complete combustion, optimizing fuel usage.
- **Enhanced Engine Performance:** Proper ignition contributes to smoother idling, better acceleration, and overall engine power.

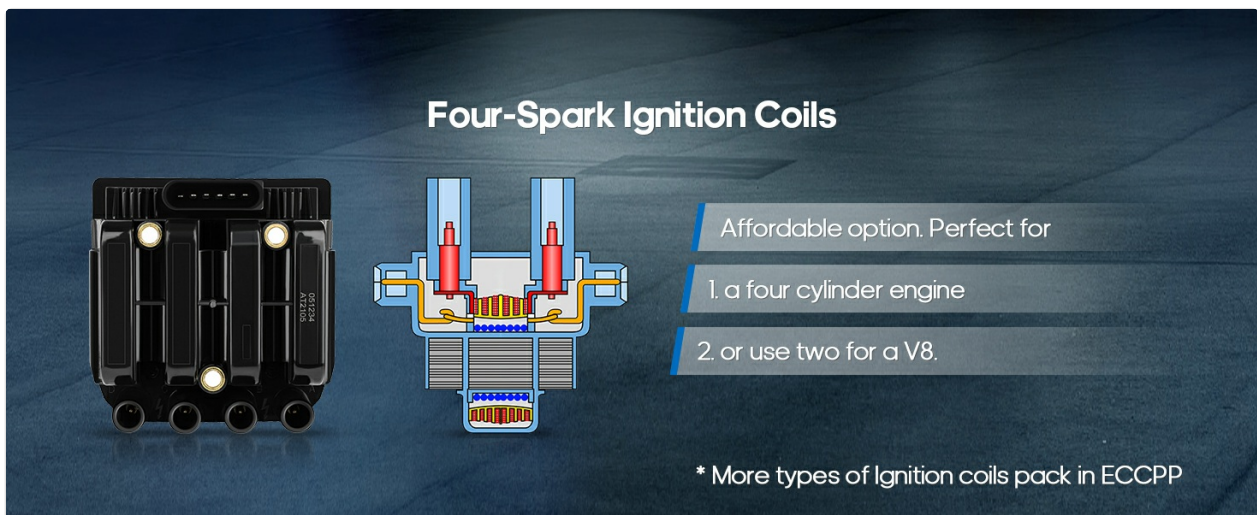


Image: A diagram showing the internal workings of a four-spark ignition coil, illustrating how it generates and distributes high voltage to spark plugs.

6. MAINTENANCE

Ignition coils are generally maintenance-free components. However, regular vehicle maintenance can help prolong their lifespan and ensure optimal performance:

- **Spark Plug Replacement:** Ensure spark plugs are replaced according to your vehicle manufacturer's recommended intervals. Worn spark plugs can put additional strain on ignition coils.
- **Wiring Inspection:** Periodically inspect the wiring harnesses and connectors leading to the ignition coils for any signs of damage, corrosion, or loose connections.
- **Engine Bay Cleanliness:** Keep the engine bay clean and free of excessive dirt, oil, and debris, which can affect electrical components.

7. TROUBLESHOOTING

A failing ignition coil can manifest in several ways. If you experience any of the following symptoms, your ignition coil may need replacement:

Symptom	Possible Cause / Action
Hard Starts	Engine struggles to start or takes longer than usual. A weak spark from a faulty coil can prevent proper ignition.
Check Engine Light (CEL)	Illuminated CEL, often accompanied by diagnostic trouble codes (DTCs) such as P030X (cylinder misfire) or P035X (ignition coil primary/secondary circuit malfunction).
Increased Fuel Consumption	Inefficient combustion due to a weak spark can lead to more fuel being consumed for the same distance.
Engine Misfire / Rough Idling	The engine runs unevenly, shakes, or experiences a loss of power, especially under acceleration. This indicates one or more cylinders are not firing correctly.

If you encounter these issues, replacing the faulty ignition coil with an ECCPP Ignition Coil Pack UF484 can help restore peak performance, achieve stable idle speed, and improve fuel economy.

The Necessity of Change Your Ignition Coils Pack



01. Hard Starts

02. Check Engine Light

03. Fuel consumption increase

04. Engine Misfire

Change to ECCPP Ignition Coils Pack

Geting Peak Performance

Geting Stable Idle Speed

Saving Fuel Consumption

Image: A visual representation of common symptoms of a failing ignition coil (hard starts, check engine light, increased fuel consumption, engine misfire) and the benefits of replacing it with an ECCPP coil (peak performance, stable idle, fuel saving).

8. SPECIFICATIONS

Attribute	Detail
Brand	ECCPP

Attribute	Detail
Model Number	UF484 (also 051234ECCPP)
OEM Part Numbers	06A905097, 06A905104, 5C1390, E984, IC564, UF484, 610-58612, 52-1741, UF-484, C1393
Item Dimensions (L x W x H)	6.1 x 5.12 x 3.54 inches
Item Weight	1.85 pounds (0.84 Kilograms)
Connector Gender	Male
Installation Type	Screw-In / Bolt-On
Quantity	Pack of 1

9. WARRANTY AND SUPPORT

This ECCPP Ignition Coil Pack UF484 typically comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical assistance, warranty inquiries, or further support, please contact ECCPP customer service through the retailer where the product was purchased or visit the official ECCPP store page for contact information.

Note: All references to brand names and models are for compatibility purposes only and do not imply any affiliation or endorsement by the original manufacturer.