

ENGINE MANAGEMENT

# MOTAQUIP TEC TALK

## What does an Ignition Coil do?

Look out for five key warning signs of a failing ignition coil to help prevent misfires, poor performance and unexpected breakdowns.



### ➤ Converts Battery Voltage into High Voltage

Transforms 12V from the battery into **15,000–40,000+ volts** needed to create a spark.

### ➤ Supports Engine Start and Combustion

Essential for smooth engine startup and **consistent combustion** across all cylinders.

### ➤ Delivers Spark to the Spark Plugs

Sends the high-voltage pulse to the spark plug to **ignite the air-fuel mixture** in the combustion chamber.

### ➤ Works in Sync with the ECU

Receives signals from the engine control unit (ECU) to fire at the precise moment for **optimal timing**.

### ➤ Vital for Performance and Fuel Efficiency

Proper spark delivery ensures complete combustion, leading to **better power output and reduced emissions**.

MOTAQUIP  
**3-YEAR  
WARRANTY**

36,000 mile / 60,000 km

Speak to your Area Sales Manager  
for more information on the Motaquip  
Engine Management range.

