

# TECH TIPS

## IGNITION COIL



### ASSEMBLY RECOMMENDATION

#### OEM Ignition Technology

With a heritage in ignition systems spanning over 60 years, we are masters in ignition coil technology. Utilising this expertise, we manufacture ignition coils that improve the overall ignition function, meaning cleaner combustion, reduced emissions, greater fuel economy and smoother acceleration.

Our coils improve vehicle reliability, eliminate electromagnetic disturbances and comply with the strictest standards. With one of the most comprehensive ignition coil ranges in the industry we've also gained a worldwide reputation, as an original equipment supplier, to some of the world's largest car manufacturers, a reputation allowing you the satisfaction that you're fitting the very best!



#### OEM Quality assured

- 60-year heritage in OEM ignition systems
- Bougicord® technology, minimizing electromagnetic interference with cable quality exceeding the requirements of automobile manufacturers worldwide
- Stainless steel staple in contact with the spirally wound wire and terminal for electrical continuity
- High corrosion resistance of terminals

#### Our ignition range

- The best range coverage for the European market
- More than 420 Sku's for ignition coils
- More than 380 Sku's for ignition wire sets
- More than 270 Sku's for ignition parts

## IGNITION COIL PORTFOLIO



THE INTEGRATED  
IGNITION UNIT



DIRECT IGNITION  
COIL (D.I.S.)



PENCIL COIL



TOP-PLUG COIL  
(OR MUSHROOM COIL)



PENCIL OR TOP PLUG IN RACK

- Ignition coils with any damages to the coil housing such as small cracks, broken tabs or connectors should not be fitted. A damaged part could lead to **premature failure and/or engine misfire.**
- Never attempt to remove the boot from the coil as this could lead to spring and/or suppressor loss which in turn, causes **engine misfire.**
- Pencil coils must not be replaced individually and/or with a mix of different brands. This creates **unbalanced ignition performance between engine cylinders.**
- It is important that the surface of the high voltage tower which mates with the high voltage secondary leads is perfectly sealed. Applying any non-approved fluid can weaken the seal causing a **high voltage leak and carbon tracking.** This also applies to the electrical connectors. Conductive fluid can cause **an electrical short** and insulating fluid can create **a high resistance or open connection.**
- Always tighten the mounting bolt to the manufacturers recommended torque level. Vibration from a loose mounting bolt and cracked coil mountings from overtightening can cause **premature failure.**
- To avoid any high voltage leak, the ignition coils are firmly attached onto the sparkplugs - even more so when the silicon caps melt inside the wells. To replace the ignition coil properly and easily, you should therefore **use a special grease, recommended by the manufacturer.**
- When connecting the engine wire harness to the coil connection **a small "click" should be heard,** confirming the connection is securely engaged. Never apply unnecessary force.



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