

# Ignition



Federal-Mogul Powertrain is an authority in creating highly engineered ignition solutions for combustion engines comprising a full range of applications – light vehicle to large industrial engines. The company's spark plugs feature fuel economy enhancing, high performance platinum and iridium (MLR) electrodes. State-of-the-art high ignitability features, high energy precious metals and ceramic ignition enable advanced lean, EGR and highly efficient combustion strategies.

Federal-Mogul's Champion brand is a global market leader, supplying high-technology nickel alloy and precious metal ignition products to original equipment manufacturers and the global aftermarket.

## SureFire Plus Plugs

- Best-in-class SureFire Plus innovative ceramic technology enables high energy and smaller plug designs to facilitate engine downsizing

## Ignition Coils

- Ignition coils configured in plug top, multi-outlet, individual or multi-coil rail geometries

## FB-M18 Industrial Plugs

- High-value FB-M18 Industrial plug for CNG or bio fuels in stationary engines enables an increased service life at a low operating cost

## Champion® Dual Iridium Bridge Plug

- Champion® dual iridium Bridge plug features large electrodes and a dual-heat path through the bridge to improve heat extraction and reduce electrode wear rates, resulting in a plug life up to three times longer than current J-gap designs

## Champion® Transit Class Spark Plugs

- Transit Class spark plugs offer improved durability and performance for commercial vehicle CNG applications



*Federal-Mogul is developing Advanced Corona Ignition Systems for high performance engines with lean or high EGR strategies. ACIS is under development with several leading vehicle manufacturers.*

