

Autolite Spark Plugs and Alternative Fuels

Ethanol/Gasoline Blends E-10 and E-15 and E-85 Blends

These engines are calibrated from the OE manufacturer to change fuel and spark based on inputs from a fuel sensor. There is no special spark plug or gap recommendation for vehicles using the E-10, E-15 or E-85 Ethanol blends that are offered in the USA. These vehicles have no modifications to their fuel or ignition systems and therefore they should be serviced as if they were running on gasoline only. The Autolite catalog will have the correct spark plugs for these engines. However, E-85 can only be used in designated Flex Fuel engines.

The exception to this is when a factory gasoline fueled engine has been converted to E-85 to support modifications to increase power output. In these engines, the spark plug should be one to two heat ranges colder depending on the level of modification.



LPG & Natural Gas Conversions

An engine powered by LPG (propane), CNG (compressed natural gas) has had considerable modifications to its fuel system and does not have the ability to switch back to gasoline. The ignition and combustion properties of propane are much different than those of gasoline.

Engines powered by LNG and CNG should follow these guidelines.

Use Iridium finewire spark plugs for best durability.

Reduce spark plug gap 25% from the OE recommend gap for gasoline engines of the same type.

Use spark plugs one heat range colder than the standard recommendation in the Autolite catalog for gasoline powered engines of the same type.

