

May 30

Topic: Spark Plugs for Modified Engines**Issue:** Many parts counter staff are unaware how to select the correct spark plug for modified engines. Catalogues or electronic data only list OE or AM spark plugs for vehicle manufacturer stock applications. Installing these spark plugs on a modified engine could result in engine damage.**Solution:**

Consult the catalogue for the section that indicates alternative heat ratings, or contact NGK Canada Technical Support. Be prepared to provide the following information:

- List all mechanical, electrical or electronic modifications
- Original engine horsepower
- New increased engine horsepower
- Compression ratio (current and previous)
- Spark plug type that is currently being used
- Gap setting that is currently being used
- What type of fuel is being used

NGK Canada can provide alternative suggestions to resolve performance-related issues. It is important to remember no warranty will be given to gas-fouled, carbon-fouled, or any spark plug defect resulting from a modified engine. NGK Canada can recommend a spark plug or correct heat rating for each application yet minor adjustments may still be required during the fine tuning and/or during dyno testing.

Note: *There will be no warranty claims honoured against engine modifications to original factory specifications for which the spark plug was designed and recommended! NGK Spark Plugs will not be responsible for any costs associated for repairs to modified engines or collateral damage.*

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