

## **Temperatures Are High: Be Cautious of What or Who is Left in Parked Cars**

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([PRWEB](#)) August 04, 2015 -- The [SAE International](#) Interior Climate Control Standards Committee has conducted many engineering test programs evaluating the performance of mobile air conditioning systems when vehicles are subjected to hot weather temperatures and high sun load.

There are many factors that cause a parked vehicle interior to reach extremely high temperatures. These include, but are not limited to the vehicle's exterior and interior surface colors, the type, angle and size of the windows, and the size of the passenger compartment.

The extensive amount of glass used in vehicles today has a major impact on all vehicle interior surfaces that can be subjected to direct sunlight or the impact of temperatures caused by indirect solar load. Sun load is the major factor on elevating the vehicle interior temperature even on mild temperature days. On extremely hot days, temperatures can reach over 150°F.

Heat stroke in an adult person, as reported by some, can occur when body temperature exceeds 104°F. Children can reach dangerous body temperatures at a much faster rate. A person remaining in a parked vehicle, with windows opened or closed, without an operating A/C system can result in their potential exposure to dangerously high body temperatures.

To learn more about this article, visit: [http://www.sae.org/standardsdev/tsb/cooperative/int\\_temp.pdf](http://www.sae.org/standardsdev/tsb/cooperative/int_temp.pdf).

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