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Safety concern re tire efficiency standards

I am concerned that requiring increased tire efficiency by requiring reduced rolling resistance will result in increased traffic fatalities and injuries resulting from tires with reduced traction. I see the value in avoiding efficiency loss with replacement tires, but I am concerned regarding the safety implications.

It is usually the case that original equipment electric vehicle tires are optimized for range at the expense of traction (safety as a result of differences in rolling resistance). Standards that force higher efficiency (lower rolling resistance) could inadvertently result in tires with poorer traction, especially in bad weather, increasing traffic fatalities. Driving or riding in a car is already one of the most dangerous activites humans engage in daily (https://injuryfacts.nsc.org/all-injuries/preventable-death-overview/odds-of-dying/), and these standards could make it worse.

Mandating lower rolling resistance without compromising traction sounds like a solution, but it may be impractical due to either cost or technology limitations.

Supporting information from the National Academies of Science:

According to https://nap.nationalacademies.org/read/11620/chapter/6#85:

"Although the statistical analyses do suggest a relationship, characterizing traction as negatively related to rolling resistance on the basis of these data alone would be an oversimplification. [...] In summary, the data suggest the difficulty of achieving both an AA traction grade and very low rolling resistance, even among tires having larger rim diameters in the current market. They do not, however, reveal the cost implications or the technological requirements, such as changes in tire design or materials, of achieving such an outcome."

National Academies of Sciences, Engineering, and Medicine. 2006. Tires and Passenger Vehicle Fuel Economy: Informing Consumers, Improving Performance -- Special Report 286. Washington, DC: The National Academies Press. https://doi.org/10.17226/11620.