

Kirk VanGelder

As an automotive expert and automotive textbook author (Who supports electric vehicles), I am vehemently opposed to banning the sale of fossil fueled vehicles by an arbitrary deadline, or at all! Our infrastructure cannot handle it. Our resources for manufacturing EV batteries in large quantity are not available. The costs and hardships put on people does not outweigh any small consequences of additional carbon dioxide. In fact, our state is already one of the greenest in the nation, let alone the world.

Also, there is the 80/20 rule. It takes 80% of the effort and cost to achieve the last 20% of improvement, which is where we are at with vehicle pollution. Gas powered cars today emit fewer pollutants out the tailpipe than they breathe in through the induction system.

Let the battery technology catch up to the challenge. There are some encouraging research being done, but not in time to meet this ill-advised timeline.

Lastly, electric vehicles are not zero emission unless they run on electricity created from nuclear, hydro, solar, or wind power. Until those can produce the needed electricity for an affordable cost (Nuclear and Hydro do, but we don't have near enough of it), electric vehicle mandates need to be thrown in the trash!

Focus on improving electrical capacity (Preferably nuclear, the grid, and battery technology. Allow the market to transition to electric vehicles at its own pace!

Very Sincerely,

Kirk VanGelder

Author - Fundamentals of Automotive Technology - Principles and Practice 1e, 2e, 3e Textbook

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