
Subject: Re: Hydrogen Fuel Cell, Electric Cars
Posted by [Javaxcx](#) on Mon, 13 Feb 2006 01:20:15 GMT
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Comrade wrote on Sun, 12 February 2006 00:32
@Hydrogen: Yeah, but liquid Hydrogen (nobody said anything about using its gas form) isn't unstable. Driving a vehicle that's powered by liquid Hydrogen is just as dangerous as driving one that's powered by either gasoline or diesel.

The problem with liquid hydrogen is twofold. You can either pressurize the hydrogen to the point where there is so much pressure that the molecules break down and become a liquid. The alternative is somehow supercooling a tank to hundreds of degrees below 0C to make a liquid. Both solutions are very inefficient and potentially dangerous.

The only solution I can see to a hydrogen gas tank is having an outer chamber around it containing a chemical to react with hydrogen into a stable compound long before a combustion reaction can occur.
