

Re: The Electric Car

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- *From:* Charlie Edmondson <edmondson@xxxxxxxx>
 - *Date:* Wed, 26 Sep 2007 09:33:13 -0700
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JosephKK wrote:

Eeyore rabbitsfriendsandrelations@xxxxxxxxxxxx posted to sci.electronics.design:

BradGuth wrote:

Eeyore wrote:

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Eeyore wrote:

MooseFET
wrote:

The
main
problem
with
the
Hummer
on
the
highway
is
that
it

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is
less
streamlined
than
a
brick.

It has a drag
area of
about 2.5 sq
metres. Its 3
1/2 tons
results in a
fair bit of
rolling
resistance
too.

I just
calculated
the power
required to
propel it @
70 mph
(the UK
national
speed limit)
as 52kW.
That means
that 100
miles (at 70
mph) would
require 52 x
3600 x
100/70 kJ =
267
MJ

Regular
gasoline
(per
Wikipedia)
contains
34.8MJ/litre.
A US

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gallon
therefore
contains
132 MJ.

So it would
only need a
200%
efficient
engine ***
LOL *** to
propel this
Hummer at
100 mpg (at
70 mph).

Brad Guth
doesn't
seem to
understand
the
problems
about ICE
efficiency.

Thanks for those honest
enough numbers. However,
add quality
silicon enhanced tires,

Bollocks. No such thing. You're just making
stuff up. Besides,
the rolling resistance is a small proportion of
the total drag.
You could of course fit SOLID wheels but
the ride would be a bit
harsh !

give that brick of a Hummer
a high energy density
battery/fuel-cell, feed it and
that little one-cycle efficient

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engine with h₂o₂ plus
whatever fossil derived fuel
(such as
common diesel road fuel)
for accommodating the little
ICE, and
say it again, KT.

That will not affect the energy required. So
your 100 mpg claim
is quite simply barking mad.

Once again, Sir ExxonMobil, up yours.

Your lack of answer/meaningful response is noted. Quite simply,
science tells us the truth about your daft suggestions.

Your ridiculous 'ideas' are quite frankly no more use than PIGSWILL.

Graham

Quite a bit less actually.

Yeah, don't insult good, quality pigswill that helps raise good bacon by comparing it with Barkin' Braddies
nonsense!

Charlie

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