

## **MPI technology can accelerate the GM Electric VOLT**

General Motors has released considerable detail concerning their proposed Chevrolet Electric Car, the VOLT, but the need for better batteries has until recently precluded a firm production schedule. They are currently planning to recharge the batteries using the commercial power grid, as do all proposed "plug-in hybrids". Since much of the power supplied by the grid comes from burning coal and other fossil fuels, this approach raises substantial environmental questions.

Unlike the Toyota Prius and other hybrids, this is an electric car with the gasoline engine only used for battery recharge. The car does not ever drive on fuel directly.

MPI **Magnetic Power Modules**<sup>™</sup> will provide technology that might be used to dramatically improve the drive system, perhaps restoring GM to a leadership role in the automotive industry.

Ford and other auto manufacturers are invited to utilize the same breakthrough MPI technology.

MPI will describe for all interested automakers, the program, already mentioned on our website, which will involve removing the plug from a plug-in hybrid and substituting two, 1 kW, solid-state Magnetic Power Modules. We estimate these will each be about 5"x5"x16" in size.

MPI also plans the rapid development of a revolutionary **MPI Traction Motor** which utilizes a radically new approach to motor design that will dramatically reduce the energy storage and power required.

Success would allow a few off-the-shelf ultracapacitors to replace the substantial number of batteries otherwise required.

Finally, automakers could substitute one or more sufficiently large Magnetic Power Modules for the fuel burning engine.

All future automobiles might employ variations of this fuel-free drive system.

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