Something You Wanted to Know About CNG by James Blee

Article published on February 23rd 2012 | Business

CNG or Compressed Natural Gas is made by compressing natural gas to less than 1% of its actual volume at standard atmospheric pressure. It is generally stored and distributed in hard containers at a compressed pressure. The containers are spherical or cylindrical in shape. Compressed natural Gas is used in the traditional gasoline driven cars having an internal combustion engine. Often these vehicles are converted into bi-fuel vehicles. Due to the increasing prices of gasoline, natural gas vehicles are used increasingly in Asia Pacific countries. Environmental problems are also a big factor in this respect as diesel and other fuels are a big contributor to pollution. Compressed gas on the other hand is environment friendly and brings about no harmful effect on the ecological balance.

The cng conversion is an expensive process and often the vehicles take a lot of time to make up for the investment made. As a result of this, the private vehicle owners do not welcome this conversion as warmly as the private vehicles do. The annual growth in people adopting compressed natural gas as an option is a mere 30%. Letâ€™s go into the details of the uses of Compressed Natural Gas in various vehicles. The first focus would be on private cars. The cars usually are bi-fuel vehicles which mean that they can either use gasoline from a gasoline tank or cng from a separate cylinder. It is the discretion of the drivers as to which fuel he would choose by just switching alternatively on the dashboard. Several world famous car manufacturers sell these bi-fuel cars. The next to use this technology are the locomotives which operate on several railroads. The converted locomotives were upgraded to make use of computer controlled fuel injection system. The locomotives using Compressed Natural Gas are usually diesel locomotives that have been converted to use generators other diesel generators to generate electricity that drives the trains..

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Article Keywords:
CNG, CNG Conversion

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