

## FAQs

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### FAQ's for CNG:

#### **Q1. Does CNG reduce engine life?**

No, OEM fitted CNG kits come with ECU (electronic control units) and fuel injection system that ensure adequate fuel supply. Kits make use of ECUs and intelligent injection systems that don't affect a vehicle's engine. Hence, CNG does not reduce a vehicle's engine life if the kit is factory-fitted and maintained timely.

#### **Q2. Does CNG increase car's fuel economy?**

Yes, CNG can return more fuel economy when compared to other fuels like petrol or diesel.

#### **Q3. Is CNG dangerous?**

The self-ignition temperature of CNG is about 540-degree Celsius whereas petrol burns at roughly 280-degree Celsius. Being a gaseous fuel, a leak can be detected because of the odor. This helps in keeping passengers safe and even the CNG cylinders are built to withstand more pressure than they will be usually subjected to even in case of accidents.

#### **Q4. Why do we step out of our car while filling CNG?**

CNG is stored at high pressure and this builds high gas concentration, So at the time of filling CNG in a vehicle this pressure can make any existing crack to bust open, resulting in gas leakage. Therefore, as a protective measure, it is advisable to step out of the vehicle at the time of getting CNG filled in your vehicle.

#### **Q5. It sounds more dangerous than diesel or petrol. Isn't CNG a dangerous fuel?**

CNG is lighter than air, which means that in the unlikely event if there is a leak, then CNG would quickly rise and dissipate into the air.

#### **Q6. What if my CNG car runs out of gas while driving?**

If the CNG car runs out of gas, it will automatically switch to petrol fuel, provided you have enough petrol in the fuel tank.

#### **Q7. Which is the best time to refuel a CNG car?**

You can consider refueling the CNG early in the day when the temperature is low because with the rising temperature CNG expands and you will not get more quantity of the fuel.

**Q8. What is the validity of my CNG kit and cylinder?**

Once you have your Registration Certificate book updated from your local RTO for the use of CNG as a fuel besides petrol, there is no limit to the life of CNG kit. It can be used as long as your Registration Certificate and CNG cylinder are valid. CNG cylinders need hydrostatic pressure test to be done on cylinder at every three years interval to ensure safety.

**Q9. Would my vehicle's air conditioning run on CNG?**

Yes. Your vehicle's AC runs the same as it does on petrol/diesel. The AC is powered by a compressor driven via a belt from the engine so using any fuel is not going to make any difference to it.

**Q10. Can I get my vehicle's Registration Certificate and insurance be updated with CNG fuel?**

Yes, depending upon your vehicle's make and year (different emission norms like BS-III, BS-IV, BS-VI), you can get CNG updated along with petrol in the Registration Book and insurance of your vehicle.

**Q11. How important is the role of CNG kit installer for my vehicle?**

The quality of the CNG kit and its installation are both equally important. For proper functioning of the CNG run vehicle and ensuring trouble-free performance, the kit should be installed by a well-trained and RTO approved retrofitter.

