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DUO ENGINE TECHNOLOGY

INTRODUCTION:

Hi Friends, This Research paper is about my air boost technology and how to combine it with fuel engine to make better performance and efficiency out of it.

WHY DUO ENGINE?

So I got this idea of combining both my air boost technology and fuel engine when I read about the increasing pollution and emission problems.

The increase of pollution and emission, Government is planning on bringing Fully Electric cars by 2020, and when I thought about this even electric cars might be pollution free it becomes hard to charge cars when everyone purchases one. And on the other hand for the car enthusiasts driving an electric car won't give the complete driving pleasure and satisfaction of a fuel engine. So that's the reason why I decided to write a paper on this duo engine concept which includes air boost technology Which can be used instead of electric motors, to provide a pollution-free drive. And also includes a Fuel Running engine to give a complete driving satisfaction to car enthusiast.

BENEFITS OF HAVING DUO ENGINE:

1. Air Boost Technology can be used in city traffic condition and for an overall city and short distance highway trips, and the fuel engine can be used to extract the best pick and performance out of it when needed.

2. When you traveling on an open highway you can use air boost technology when your cruising and save money from spending on fuel and can reduce pollution, at the same time when you want to have a spirited drive you can switch to fuel engine and have a blast with it.

3. Reduction in maintenance cost and fuel bills noticeably and reduction in pollution.

So these are the benefits of having the duo engine.

Now let me explain how the duo engine works.

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HOW IT WORKS:

So basically this vehicle will be having two engines, now let me explain how it works elaborately:

There will be a valve located in between both the engine and which will switch the power supply to the desired engine, and from the there the power will be produced and will be sent to the wheels. And there will be an option located in the MID to let the driver pick which engine to use by himself, or the system will automatically pick which engine to use by the drive mode selected for instance if eco mode has been selected the car will only use Air Boost Engine, if the car is in normal mode for city driven speed, for example 50 Kmph, the air boost engine will function and above 50 kmph the Fuel engine will take over (also if you want to use the air boost technology even after 50 Kmph you can always select it by custom option). For Sport mode, the car will be powered only by the fuel operated engine. In Sport+ mode, we can have both extreme handling and full drive where both the engine will be function to deliver a lag free full-time performance.

So the Power Produced by the Fuel Engines Will be sent to all four wheels by an AWD System (All Wheel Drive) and the power produced by air boost engine will be sent to the rear wheels and the air pressure outlet.

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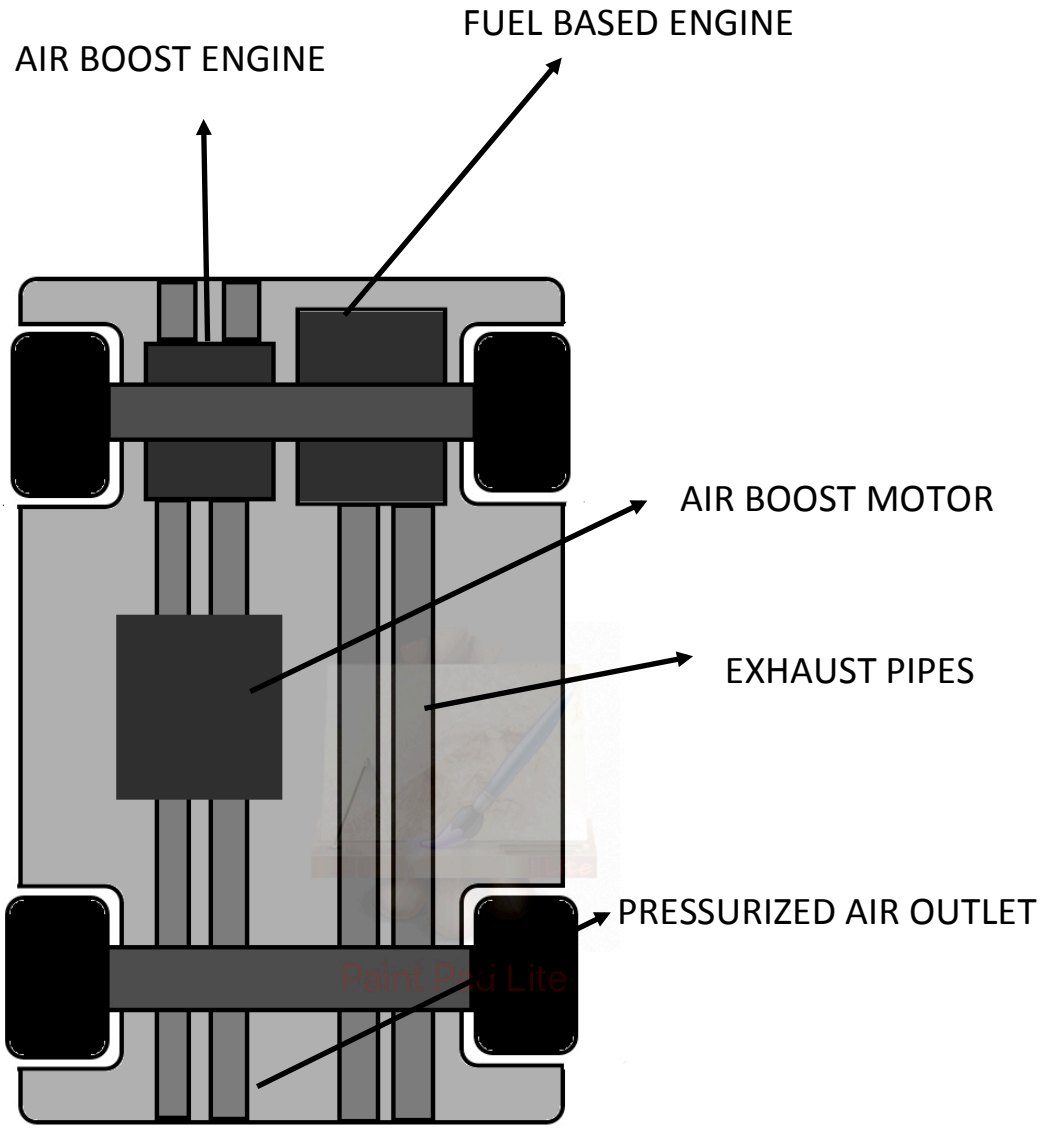
Now let me display the diagram for the same duo engine technology.

DIAGRAM:



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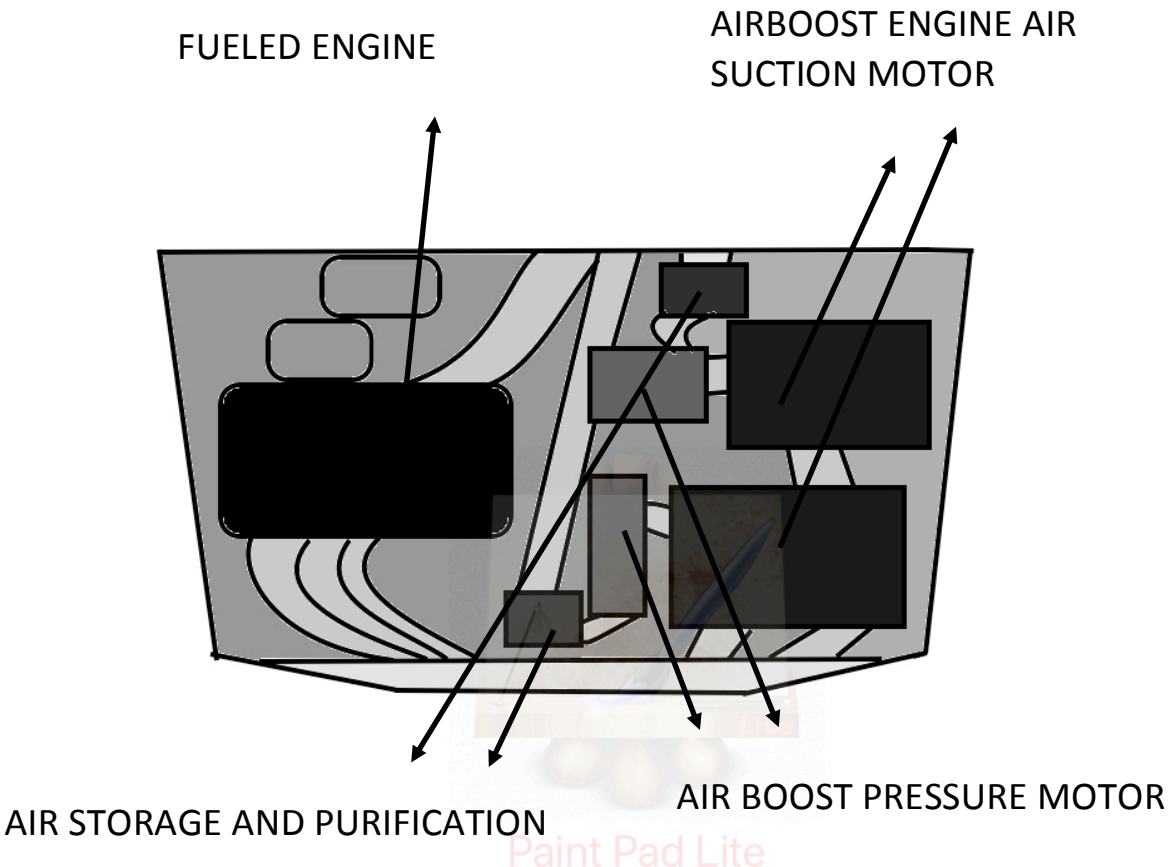

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CONCLUSION:

Friends this is my duo engine concept including my air boost technology and I hope this technology serves more and help with reducing pollution and emissions globally, at the same time not compromising on the driving pleasure and fun factor.

Thank You…

Regards,

Shriram Prabhakar.

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