

2013 臺灣國際科學展覽會  
優勝作品專輯(國外作品)

作品編號 100047  
參展科別 工程學科  
作品名稱 Injector Taster with Timing  
得獎獎項 四等獎

國 家 Mexico

就讀學校 CECYTE TLAXCALA

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# ABSTRACT OF EXHIBIT

## TAIWAN INTERNATIONAL SCIENCE FAIR

### 1. Purpose of the research

Implement injector tester and timer button in mechanical, electrical for Correct Use

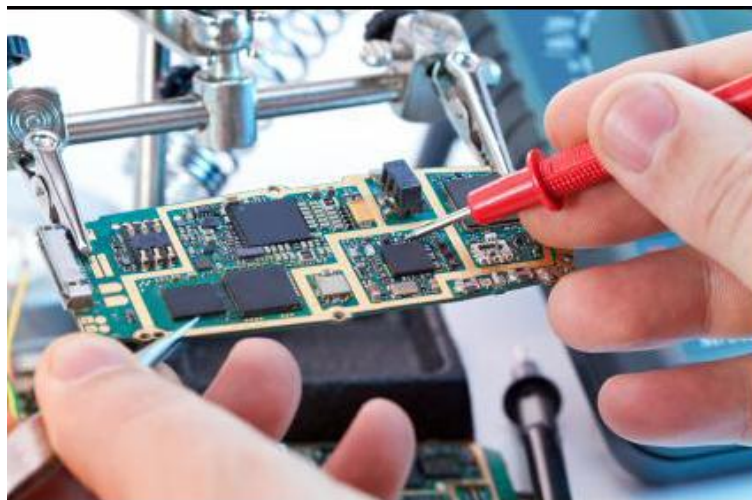
Hypothesis: if humans contribute to the contamination of unconsciously by technological convenience. Give solution with the same!



### 2. Procedures

Needed human and material resources. Besides a ventilated area with excellent ventilation.

Having basic knowledge of electricity and automobile electrical systems.



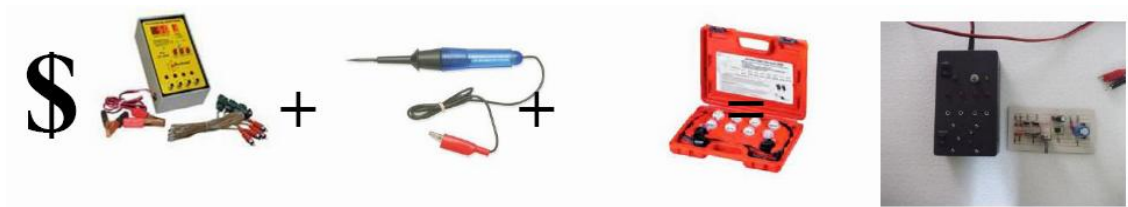
### 3. Data

This device is intended total replacement bulbs and multimeters tests relating to auto injectors of this system is important since in automotive history have been looking for improvements, part of technological development and of necessity, be have been implemented in complex systems such as electronic fuel injection, but what if our system does not work properly?

Humans would contribute to contamination of the ozone layer, this natural process accelerate global warming.

Hey there a social problem today becomes a global problem.

Here we can see that, sophisticated equipment, are of little technical solution with a higher cost. Not to mention that the technician who works on the vehicle: save time in making a diagnosis which will be successful.



#### 4. Conclusions

The solution: provide the necessary equipment that is available to countries that do not have low resource enough. Through a reliable and safe product for the sole purpose of showing that young researchers are able to provide improved technology in the automotive industry with no expectation of this project.



You should use this factor as important in society: it is the technology for the environment thereby demonstrates the certainty of our hypothesis.

The Mexican delegation is proud to present this project worldwide in the Republic of Taiwan in the international science fair

## 評語

本隊之重點在製作儀器取代現有高價之儀器，以方便檢查是否故障。對科學的分析與探討可以再增加，更能達到學活動之意義。