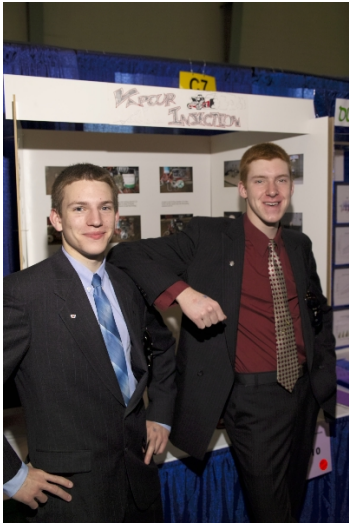


CWSF 2005 - Vancouver, British Columbia



Adam Parrish, Joshua Alders

Vapour Injection

Division: Engineering & Computing Sciences

Category: Senior

Region: Annapolis Valley

City: Kentville, NS, South Alton, NS

School: Central Kings Rural High School

Abstract: Our purpose is to improve an efficient carburetion method and utilize ethyl alcohol as the fuel. By vaporizing fuel the combustion is more complete. We hypothesized that fuel needed to be heated past the critical point. A vapour carburetor was constructed; however no results were obtained due to sealant problems.