

SAE CSC2009 SNOWMOBILE DESCRIPTION FORM

Please fill out the following form and return it to the registration desk. Answer all questions about your snowmobile as it is actually competing (not as it was intended to compete).

Team Name University at Buffalo Team Number: 14

Chassis-Year 2006 Model Polaris Fusion
Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric) 4-stroke Number Of cylinders 3

Engine Displacement (cc or electric motor size) 953 cc

Engine Manufacturer Daihatsu

Engine Modifications (if any) _____

Compression Ratio 24.8 : 1

Turbocharged? or Supercharged? Yes or No – If Yes circle one

Engine Management System (ECU) none

Fuel Delivery -Carburetors, EFI, DI, SDI – (circle one) injector pump

Fuel Pump Pressure 65 psi Fuel Type (circle one) Flex Fuel, Biodiesel, Battery technology AGM

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?) N/A

Catalyst? Type? Emitec Cat / PM Filter

Secondary Air Injection? - Yes or No (circle one)

Exhaust Gas Recirculation? – Yes or No (circle one)

Other _____

Noise Control

Muffler Design stainless straight through

Noise Treatment none

Cooling

Describe Strategy belt driven water pump & 2 heat exchangers
1 radiator

Other Unique Features of Your Snowmobile

Describe Strategy 3 cylinder turbo diesel

Track Manufacturer Camoplast Length 121 Pitch 2.52

Studs no