

SAE CSC2008 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 of Wisconsin Madison IC Team Number: 04

Chassis-Year and Model 2003 Polaris Liberty

Engine

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

Engine Displacement (cc or electric motor size): 750 CC

Engine Manufacturer: Weber

Engine Modifications (if any): Flex Fuel

Compression Ratio: 11.1:1

Turbocharged? or Supercharged? Yes or No : NO

Engine Management System: Mototron

Fuel Delivery -Carburetors, EFI, DI, SDI : EFI

Fuel Pump Pressure_ 42 _psi Fuel Type E10, E85, B10, Battery technology: Lead Acid

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?): Stoichometric -0 closed loop

Catalyst? Type? Hareaus

Secondary Air Injection? - Yes or No : NO

Exhaust Gas Recirculation? – Yes or No: NO

Other:

Noise Control

Muffler Design: Artic Cat

Noise Treatment: Catalyst & Cummins Filtration Resonator paddle cover, silent track

Cooling

Describe Strategy: Liquid – Tunnel x-changers

Other Unique Features of Your Snowmobile

Describe Strategy: