

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: **McGill University –Hybrid**

Team Number: **12**

Chassis-Year and Model: **2006 MYZ Renegade**

Engine

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

Engine Displacement (cc or electric motor size): **749 CC**

Engine Manufacturer : **YANMAR**

Engine Modifications (if any):

Compression Ratio: **23.1:1**

Turbocharged? or Supercharged? Yes or No : **NO**

Engine Management System: **GOVERNOR**

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

Fuel Pump Pressure: psi- Fuel Type E10, E85, B10, or Battery technology: **B10 Lithium**

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?):

Catalyst? Type? : 4SXP Catalytic Exhaust Products Inc 20g Platinum

Secondary Air Injection? - Yes or No : **NO**

Exhaust Gas Recirculation? – Yes or No : **NO**

Other : **N/A**

Noise Control

Muffler Design : **Stock**

Noise Treatment:

Cooling

Describe Strategy : **Liquid Cooled, Radiator Cooled via Drive Shaft Coupled Fan**

Other Unique Features of Your Snowmobile

Describe Strategy: **Series Hybrid Design**