

SAE CSC 2012 IC 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 Kettering Bulldogs Team Number: 009

Chassis-Year 2011 Model Ski-Doo Renegade Sport

Engine
Engine Cycle (2-stroke, 4-stroke, rotary, or electric) 4 Number of Cylinders 2

Engine Displacement (cc or electric motor size) 600 cc

Engine Manufacturer BRP Rotax

Engine Modifications (if any) 1-step colder spark plug (CR8E), GM Coil-Near-Plug Coils (LS)

Compression Ratio 12:1

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

Engine Management System ECU MotoTron/ProEFI 128

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

Fuel Pump Pressure 58 psi Fuel Type (circle one) Flex Fuel, Biodiesel, Battery technology

Emission Control

Air/Fuel Ratio Chosen (lean, stoichiometric?) lean

Catalyst? Type? Yes, close-couple TWC/Lean NOx Catalyst

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

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

Other _____

Noise Control

Muffler Design Tri-flow with absorptive center chamber

Noise Treatment Dynamat, stock body panel foam

Cooling

Describe Strategy Stock heat exchanger melts snow provided by ferocious track

Other Unique Features of Your Snowmobile

Describe Strategy Flex-fuel sensor and direct WR02 control provide precise fueling EO-E85

Track Manufacturer Camoplast Length 136" Pitch 2.86"

Traction Studs No? Yes? Type _____