

SAE CSC2005 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).* Please answer all questions accurately, as the responses you supply will be used to summarize your entry in the SAE CSC2005 Summary Technical Paper.

Team Name Clarkson University **Team Number:** 5

Engine

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

Engine Displacement (cc or electric motor size) 660 cc

Engine Manufacturer Suzuki

Engine Modifications none

Compression Ratio 8:1

Turbocharged? Supercharged? turbo

Engine Management System stock

Fuel Delivery (Carburetors, EFI, DI): electronic fuel injection

Fuel Pump Pressure unknown

Emission Control

Air/Fuel Ratio Chosen (lean, stoich?) 12.5:1 w/boost

Catalyst? Type? three way catalyst

Secondary Air Injection? yes

Exhaust Gas Recirculation? no

Other _____

Noise Control

Describe Strategy dual mufflers w/baffles, engine sound damping material, exhaust exit towards ground

Performance Maintenance

Describe Strategy free flowing exhaust, turbocharger and intercooler

Other Unique Features of Your Snowmobile

Describe Strategy _____