

## SAE CSC 2011 IC SNOWMOBILE DESCRIPTION FORM

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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 CLARKSON UNIVERSITY WINTER KNIGHTS Team Number: 12

Chassis-Year 2011 Model SKI-DOO REV-XP  
Engine

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

Engine Displacement (cc or electric motor size) 600 CC

Engine Manufacturer ROTAX

Engine Modifications (if any) \_\_\_\_\_

Compression Ratio 12:1

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

Engine Management System ECU) STOCK ECU, BOONDOCKER PERFORMANCE CONTROL BOX

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, stoichometric?) STOICHOMETRIC (13.232:1 FOR E25)

Catalyst? Type? 3 WAY CATALYST, HIGH PERFORMANCE

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

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

Other \_\_\_\_\_

## Noise Control

Muffler Design STOCK MUFFLER WITH DUAL CATALYTIC CONVERTERS

Noise Treatment N/A

## Cooling

Describe Strategy STOCK HEAT EXCHANGER EQUIPPED WITH QUICK CONNECTS FOR DYNO TESTING

## Other Unique Features of Your Snowmobile

Describe Strategy \_\_\_\_\_

Track Manufacturer STOCK Length 120 IN Pitch 3 IN

Traction Studs No? X Yes? Type \_\_\_\_\_