Virtual Race Car Engineer Introduction

The Virtual Race Car Engineer (VRCE) program is an easy to use program that will assist you in optimizing your race car setup by offering you advice tailored to your needs and your car's capabilities.

The VRCE program is divided into three sections;

The **Lap Wizard** is used when at a race track for a day of testing to get a general setup for your race car. You will choose or create your car, track, and base setup before taking to an on-track test session. Upon completion of a few laps of testing (known as a "test run") your driver returns to the pits to record vital tire and lap data as well as supply driver feedback to the program. The program will then use that data to offer recommendations to better your race car setup. Make a setup change and send your driver back out on track for another test run. Rinse and repeat to optimize your race car setup without the need for a Masters degree in engineering.

You may save a setup at any time during test runs by opening the FILE pull-down menu and selecting **Save Setup**. You may also load any previous test run data specific to that car and track by opening the FILE pull-down menu and selecting **Load Test Run**

The **Corner Wizard** takes your setup optimization one step further by allowing you to target individual corners based on the driver's feedback. Simply describe the problem with the individual corner via the offered choices and recommendations are offered in real-time.

The **Garage Manager** gives you the ability to create, edit, or delete your created cars, tracks, and setup files.