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## **Performance Electronics' PE3 named new engine control unit for the Formula 2000 Championship Racing Series.**

Performance Electronics' PE3 fuel injection and ignition engine control unit (ECU), has been adopted by the Formula 2000 (F2000) SCCA Pro Racing series. The F2000 Championship Series is a North American-based open wheel road racing series. Most F2000 series cars are powered by a 2.0L Ford Zetec engine capable of 155 horsepower and speeds up to 145 mph. The series boasts distinguished alumni including Dan Weldon, Paul Tracy and Sam Hornish Jr.

While racers are often looking to gain a competitive edge using stand-alone ECUs to realize peak performance, this new relationship with the F2000 series uses the PE3 technology to actually level the playing field, at least as far as engine performance is concerned. Although F2000 is a formula, not spec series, and some modifications are permitted, the engine tune is not one of them. All F2000 engines are tuned for optimal performance using the PE3 by the engine builder and then provided to the competitors. All competitors must use the ECU map provided by the Series. This type of standardization helps to keep costs in check. Teams are encouraged to try and build a better race car, but can save their design enhancement dollars for elsewhere.

Performance Electronics is now the vendor of choice for a few different racing series. Brian Lewis, co-founder of Performance Electronics, is excited about this new opportunity for his company. "The PE3 series of high performance, budget-minded control units is a particularly good fit for series racing. Our ability to support and customize control units means Performance Electronics is well suited to supply to both sanctioning bodies and individuals alike. We're anxious to complete the roll out and get all F2000 Championship Series cars running the PE3."

The PE3 which is proudly designed, manufactured and supported in the USA, is replacing the Pectel T2 ECU, which is no longer supported by its United Kingdom based manufacturer.

Founded in 1999, and based in West Chester, Ohio, Performance Electronics, Ltd (PE) is an engineering firm specializing in the design and manufacture of embedded electronic control systems for racing and a broad range of other applications and industries.

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