



Race smart.



2017 Pro2/Pro4 EFI Details

For the attention of: Lucas Oil Off Road

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Disclosure

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1. System Overview

Lucas Oil Off Road Racing Series (LOORRS) has approved the MoTeC EFI system as an option for Pro2 and Pro 4 starting 2017. MoTeC presented the following system with the focus being performance and reliability.

Pro2/Pro4 System

Product	Details	Cost
M130 Engine Management	Lucas Oil Advanced Package, 1000 Log Channels	
LTC-D	Dual Lambda with Sensors	
Analog Sensors	Air Temp, Engine Temp, Manifold Pressure, Fuel Pressure, Oil Pressure, Oil Temp, Fuel Temp, Throttle Position	
Speed Sensors	Crankshaft, Camshaft	
Wiring	Engine Loom/Chassis Loom	
Coils	(8) Ignition Coils	
Injectors	(8) 725cc Port Fuel Injectors	
Total		\$10,200.00

ECU

The ECU is a MoTeC M130 with software developed specifically for LOORRS. The ECU is enabled to have multiple log sets and up to 1000 channels of logging. Some of this will be reserved for series logging. Each system will also come with a LTC-D which is a dual exhaust lambda to can.

Wiring

After looking at as many trucks as possible and taking measurements, a single harness design was defined which should work for all trucks. The following harnesses will be delivered with each system:

Chassis – 3800-EC014

Engine – 3800-EE009

Coil Adapter – 3800-IB013

Coil Extension - 3800-IB015

Sensors/Coils/Injectors

The kit will be supplied with one set of all of the approved sensors, coils, and injectors listed in the rules document PTR-25. Sensor extensions will be offered at an additional cost if needed for specific placement.

Purchase/Delivery

Systems can be purchased from:

MoTeC Systems East

169-5 Gasoline Alley

Mooresville, NC 28117

704-799-3800

A 50% deposit will be required before harness construction will begin. All harnesses are built to order and take up to 6-8 weeks to complete. The systems will be delivered once the harness is complete and the balance of the system has been paid. System price does not include shipping.

Support

MoTeC will have support personnel present at each event to provide technical support. LOORRSupport@motec.com has been created for technical support questions.