



Manufactured by Mountain Performance, Inc and Forced Air Performance, Inc
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PROLOGGER ADDENDUM FOR DUAL TEMPERATURE GAUGE VERSION

Read and Understand these Instructions thoroughly BEFORE beginning installation.

NOTE:

A pre-wired Harness is available on an exchange basis for a small fee. The harness is terminated with the proper connectors and is fully shielded with PVC Wiring Loom and ends are finished with Heat Shrink.

DISABLED FEATURES ON DUAL TEMP VERSION

- 1) This unit can be retrofitted back to a Standard ProLogger, but requires factory reprogramming.
- 2) General Purpose Switched Outputs are No Longer Available: (Page 13-16)
- 3) Nitrous Oxide Controls are No Longer Available: (Page 18-21)
- 4) Turbo Wastegate Control is No Longer Available: (Page 22-26)
- 5) Fuel Injection Trimming is No Longer Available: (Page 26-27)

INSTALLATION

- 6) Standard installation instructions apply on pages 4-13
- 7) Wiring Diagram on Page 7 has additional Detail.
 - a) Pin 4 Light Green: There are 2 identical wires. One Lt Grn wires goes to each temp sensor.
 - b) Pin 9 Grey: Is the Signal wire for Temp Sensor #1 (Oil in Window 1)
 - c) Pin 8 Light Blue: Is the Signal wire for Temp Sensor #2 (Water in Window 2)
- 8) The connectors Supplied are known as GM (General Motors) Weather Paks. They can be crimped with a standard multi-size universal Molex Crimper or a Specific GM / Delphi Tool such as GM1201-4254
- 9) MAP sensor: It is a GM 3 bar. Pin A is furthest from the pressure input port. Pin C is closest to the port.
 - a) Pin A: Brown – Signal Ground
 - b) Pin B: Pink – Signal Input (0-5v)
 - c) Pin C: Yellow – 5 Volt Supply (programmable 0-5v output)
- 10) Typically the Tan wire is unused and should be tied to ground at the same location as the Black wire. Leave the wire independent until they reach a suitable ground point (such as the Battery Neg Post)
- 11) Normal Automotive ProLogger Operation suggests connecting the Red ProLogger Power Wire Directly to the Battery. This is fine with a Car Battery; HOWEVER, with an ATV/SNOWMOBILE with a small battery the ProLogger can drain the battery in a weeks time or less. On this type of application, we recommend connecting the ProLogger to a switched power source. The ProLogger will retain all information even after a full power disconnect in its NVM (Non-Volatile Memory). Something Chris Earl has none of.

OPERATION

- 12) Standard operation instructions apply on pages 4-13.
- 13) Temperature operation is as follows:
 - a) Programming Alarm Limits
 - i) Power The ProLogger on.
 - ii) Press the Power Key Once.
 - iii) Press the Menu Key repeatedly until Window 1 shows "oiL" and window 2 shows "ALr". Use the up and down arrows to set the desired Alarm limit for Temperature #1 (Oil) in degrees Fahrenheit .
 - iv) Press the Menu Key once more and Window 1 shows "H2o" and window 2 shows "ALr". Use the up and down arrows to set the desired Alarm limit for Temperature #2 (Water / H2O) in degrees Fahrenheit.



- v) Press the Power Key once to return to normal operating mode.
 - b) Displaying Temperatures when both temperatures are below alarm limits.
 - i) Press the Down Arrow once and the top Displays will toggle:
 - (1) Window 1 from Air:Fuel ratio to Oil Temperature
 - (2) Window 2 from Boost Pressure to Water/H2O Temperature
 - ii) The Unit will remember the last display setting even after power down.
 - c) Alarms
 - i) Regardless of the Display Setting, when One of the Alarm limits is reached, the unit will alternate flashing AFR and Oil Temp in Window 1 and Pressure and H2O Temp in Window 2
 - ii) When the temps fall below the alarm limits, the display will return to normal operation
- 14) This is NO FAST HEATER OPTION ON THESE UNITS. It is very hard on sensors and promotes premature burnout. It is intended for Drag Racing only.

TERMS OF SALES AND USE

Warning: This product may alter the handling of the machine. Use at own your risk.

Note: Use and/or installation of this product may void your manufacture's warranty.

Warranties

- 1) This product is sold without any warranty of any kind, either expressed or implied, including warranty of merchantability or of fitness for any particular purpose. It is the purchaser's responsibility to determine that the application of the Product is within the limits of their purpose.
- 2) The installation and use of this Product requires technical and mechanical skill. Because of the custom nature, racing type abuse, and the limitless application variables that the Product is subject to, The Manufacture shall not be responsible for any damage of any nature including, but not limited to, consequential and incidental damages as a result of the use of this Product or any parts that the Product may affect, Failure due to improper assembly, modification of parts or instructions, weather conditions, neglect, abuse, accident, and/or, normal wear, including failure reasonable and necessary maintenance or applications not included within the scope of the Manufacturer's research and development.
- 3) The purchaser is reminded that snowmobiling & atv operation and / or racing are dangerous sports and parts are subject to failure when exposed to the high stresses involved. The Manufacture will not be held liable for any injuries incurred as a result of the use of the Product or any parts the Product may affect. The purchaser and user assumes any and all risk.
- 4) The Manufacturer reserves the right to change Product specifications without notice. Updates and continuing research and development to the Product do not constitute warranty.
- 5) This warranty disclaimer shall be construed in accordance with the laws of the state of Utah.

Damaged Merchandise

Before we ship, products are inspected for damage and repacked to make sure they arrive at your door safely. Claims for damage during shipment must be made by you to the delivering carrier within 48 hours of receipt/delivery. Also notify us of the problem and we will make arrangements to replace the damaged item.

Legal Disclaimer

Seller hereby expressly disclaims all warranties either expressed or implied warranty of merchantability or fitness for a particular purpose. This disclaimer by the seller in no way affects the terms of the manufacturer's warranty, if any. Title to goods herein being purchased is retained by the seller until goods are paid for by the purchaser and at that time title passes to the purchaser. If goods herein being purchased are being purchased for purposes of export, purchaser must obtain from the federal government certain export documentation before shipping to a foreign country. In addition, manufacturers' warranties for exported goods may vary or even be null and void. If you have questions, please inquire. Any and all liability is only for the products purchased.

Scope of this Agreement:

This agreement covers all materials in which the customer may hereafter acquire at any time from the supplier. This contract constitutes the entire agreement with the supplier. No waivers or modifications shall be valid unless the same are in writing and executed by the parties thereto. This contract shall apply and accrue to the benefit of -- and be binding upon -- the heirs, executors, administrators, successors, and assigns of the respective parties.

Litigation:

In the event of litigation arising out of either this agreement or any consumer-purchase at Mountain Performance, Inc., Mountain Performance shall be entitled to reasonable costs and expenses incurred pursuant to the aforementioned litigation including, but not limited to, attorney's fees. All litigation, disputes, conflict of laws, and etcetera, arising out of any purchase transaction with Mountain Performance, Inc. shall be governed by the laws of the State of Utah and shall be litigated within the forum of the State of Utah.

Receipt and Acceptance of Agreement:

Acceptance of goods from Mountain Performance, Inc. manifests the customer's acknowledgment of receipt and acceptance of this agreement and its execution at time of purchase.