EFI CONTROL instructions

RZR 800

WARNING: This product is legal ONLY for racing vehicles. Not applicable, nor intended for use on emissions controlled street or highway vehicles. This product is not applicable, nor intended for use on aircraft.

The DMC EFI Control Module has been programmed for ultimate performance when combined with a DMC Afterburner Exhaust System and Pro Design ProFlow Filter Kit on an otherwise stock engine. Different products, modifications, and other conditions may require additional adjustments as described in Basic Tuning Adjustments below.

MODULE INSTALLATION

1. Remove the negative lead on battery.
2. Remove driver and passenger seats. Directly behind the seats, you will find a plastic reveal panel. You'll need a T20 Torx Driver to remove the two screws securing the panel. The EFI connection is directly behind the driver's seat. Unplug the fuel injector connector.
3. The DMC EFI Control Module has three leads.
   - Attach the single black wire to the negative side of the battery. Plug the black female connector from the EFI Module directly into the fuel injection system.
   - Snap the EFI's black male connector to the fuel injector connector you removed in step (2) above. Double check all connections.
   - Re-attach the negative lead on the battery.
4. Start the engine and in approximately four seconds the lights on the DMC EFI Control Module will be visible. With a proper install, you should see lights illuminate from side to side on the controller. This will last approximately eight seconds and then will stop. After the lights have stopped going side to side, you will notice more illuminated lights on the left side of the controller. As you rev the motor, lights will increase across the controller and even change colors.
5. Attach the EFI module using the supplied Velcro to an easily accessible location of your choice. Be sure all leads are kept clear of any sharp or hot objects, or areas that could result in long term wear.
6. Unless basic tuning adjustments are required (as shown below), reinstall the reveal panel and seats. You are now ready to ride! Enjoy your new DMC EFI Control Module.

BASIC TUNING ADJUSTMENTS

1. The following instructions are for basic fuel tuning. Modes 1,2, & 3 allow adjustments that increase or decrease the amount of fuel the engine needs. Modes 4 & 5 are for advanced tuning only. DO NOT change modes 4 & 5 when doing basic tuning!
2. To help understand how these modes work, you can think of them as if you were working with a carburetor.
3. Remember each time you push the MODE button you will be advancing to the next mode.
   - Push the MODE button once to enter mode 1, indicated by green lights
   - Push the MODE button again to enter mode 2, indicated by yellow lights
   - Push the MODE button again to enter mode 3, indicated by red lights

   NOTE: You can also adjust your EFI module in half-increments. To set your EFI (as an example) to 2-1/2, press the PLUS button until both lights 2 and 3 are blinking. To advance to 3, simply press the plus button again. Dual blinking lights in any mode indicate a half-way setting between the blinking numbers.
4. Looking at the controller you will see eight lights with numbers under them, this is what you need to look at when changing settings. The #1 light on the controller represents the leanest setting.

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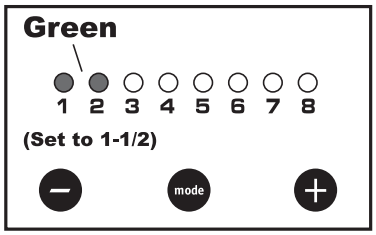
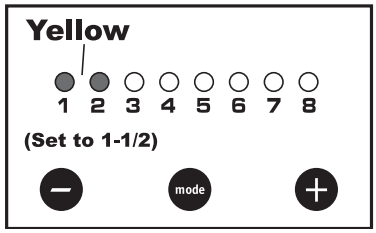
BASIC TUNING ADJUSTMENTS

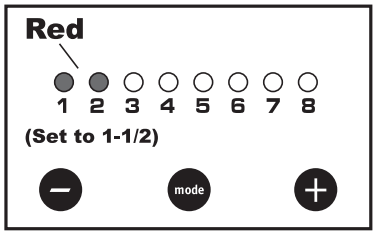
PILOT CIRCUIT MODE 1 green light represents idle & cruise adjustment (i.e. pilot circuit). To adjust this setting push the MODE button once and then push the plus or minus buttons to adjust fuel as needed.



ACCELERATOR PUMP MODE 2 yellow light represents an additional amount of fuel added during acceleration (i.e. needle circuit). To adjust this setting, push MODE twice and then push the plus or minus buttons to adjust fuel as needed..



MAIN CIRCUIT MODE 3 red light represents more fuel being added during full throttle (i.e. main circuit). To adjust this setting push the MODE button three times and then push the plus or minus buttons to adjust fuel as needed.

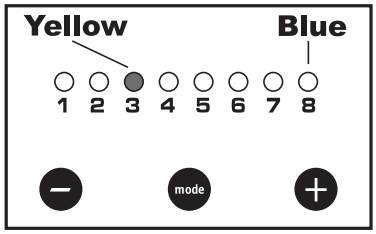


- If you wish to reset your settings to STOCK, essentially disabling the EFI unit, press the MINUS button down to the number 1 position. Notice the pace at which the light is blinking. Press the MINUS button again and you'll see the light is blinking twice as fast. This indicates that you are in "stock" mode and the EFI is disabled.
- If you wish to reset your EFI to DMC DEFAULT settings, reset the following three modes:
    - Mode 1, activate light 3
    - Mode 2, activate light 4
    - Mode 3, activate light 2

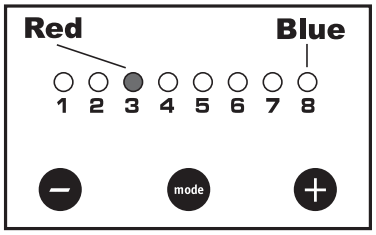
ADVANCED TUNING ADJUSTMENTS

Advance tuning utilizes MODES 4 and 5. In basic tuning, you are changing the amount of fuel that the engine receives, but with advance tuning, you will be changing when the fuel will be available. In each mode you can adjust when fuel delivery occurs

MODE 4 yellow light and blue light represent when fuel delivery is available during partial throttle acceleration. To adjust this setting, push the MODE button four times and then push the plus or minus buttons to adjust fuel needed. Only the yellow light will be changing.



MODE 5 red lights and blue light represent when the fuel delivery is available during full throttle acceleration. To adjust this setting, push the MODE button five times and then push the plus or minus buttons to adjust fuel as needed. Only the red lights will be changing.



WARRANTY

DMC warrants that this product carries a warranty for 2 years from date of purchase against original defects in materials and workmanship. Should this product fail to perform for either of the above reasons, DMC will repair or replace it with an equivalent product at no charge, except for postage, to the original retail purchaser. To obtain the benefits of this warranty, the retail purchaser must return the product and proof of purchase to the place of original purchase.

ALL WARRANTY CLAIMS MUST BE PROCESSED THROUGH THE ORIGINAL PLACE OF PURCHASE

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