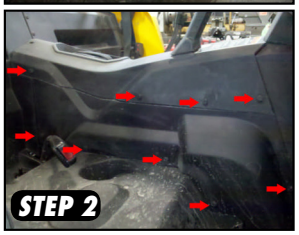
EFI CONTROL
instructions
CAN AM COMMANDER

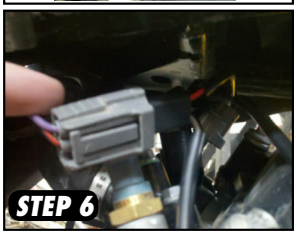
WARNING: This product is legal ONLY for racing vehicles. Not applicable, nor intended for use on emissions controlled street or highway vehicles. This product is not applicable, nor intended for use on aircraft.

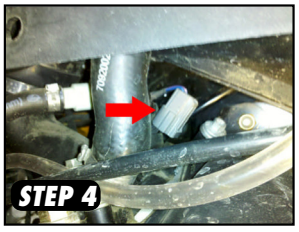
The DMC EFI Control Module has been programmed for ultimate performance when combined with a DMC Afterburner Exhaust System and a High Volume Air Filter of Filter Kit on an otherwise stock engine. Different products, modifications, and other conditions may require additional adjustments as described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

MODULE INSTALLATION

1. Remove both seats.
2. Remove left & right side engine covers. (Figure 1&2).
3. Locate and unplug Factory harness from the injectors. Then plug matching DMC EFI connectors on to the injectors. (these are female connectors). (Fig 3&4).
4. Plug male EFI connectors into the Factory female connectors. (Fig 5&6)
5. Attach ground wire from EFI to engine case. (Figure 7).
6. Route EFI harness down the center of the vehicle towards the front securing the EFI harness as needed.
7. Reassembly is the opposite of disassembly
8. Now locate the fuel injector from the left hand side of the vehicle (Figure 7).







Final Installation Note
Re-check your wire routing and the DMC EFI location to make certain that in no way the wires can come into contact with any moving parts or high heat source. The DMC EFI should be mounted in a way as to not cause a handling problem with the machine.

Troubleshooting
If the number 1 LED is flashing green and the number 8 LED is flashing red at idle then this indicates a connection issue. Re-check the wires from the DMC EFI and make sure they are connected to the proper wire of your ATV's stock harness.

The DMC EFI unit only needs power and a proper ground to show this error display. If the ATV fails to start then you will also need to re-check the wiring. If you have not connected the ground wire to the negative post of the battery then make sure you have attached the wire to a proper grounding source on the frame.

BASIC TUNING ADJUSTMENTS

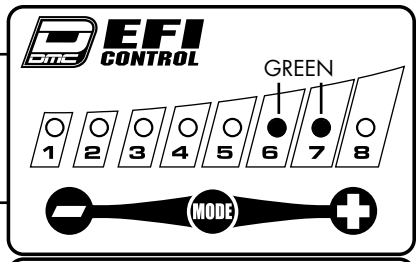
1. The following instructions are for basic fuel tuning. Modes 1,2, 3, and 4 allow adjustments that increase or decrease the amount of fuel the engine needs. Modes 5 and 6 are for advanced tuning only. DO NOT change modes 5 & 6 when doing basic tuning!
2. To help understand how these modes work, you 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.

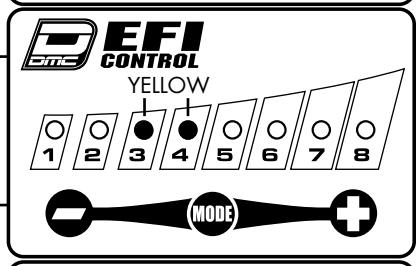
(continued next page)

BASIC TUNING ADJUSTMENTS

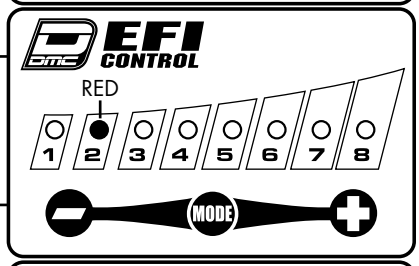
PILOT CIRCUIT MODE 1 green light represents idle & cruise adjustment (i.e. pilot circuit). To adjust this setting push the MODE button once and then push the plus or minus buttons to adjust fuel as needed.



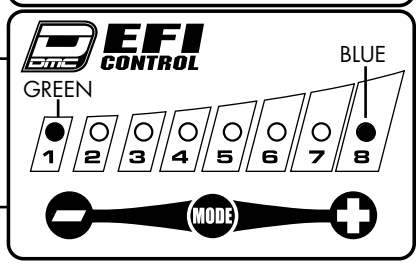
ACCELERATION MODE 2 yellow light represents an additional amount of fuel added during acceleration (i.e. needle circuit). To adjust this setting, push MODE twice and then push the plus or minus buttons to adjust fuel as needed.



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.



VIRTUAL ACCELERATOR PUMP green-blue lights represent an additional amount of fuel added during fast rate changes. To adjust this setting, push Mode four times and then push the plus or minus buttons to adjust fuel as needed.

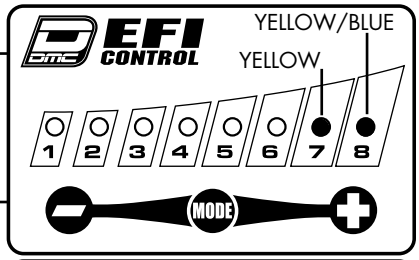


You can reset your settings to stock, you need to set the first four modes to a light setting of 3. DMC base settings are illustrated by the controller pictures at the right of each tuning mode.

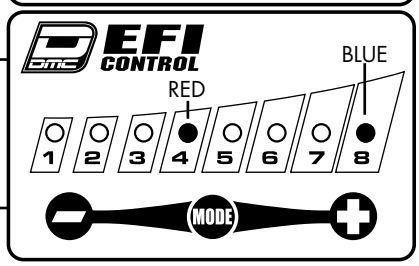
ADVANCED TUNING ADJUSTMENTS

Advance tuning utilizes MODES 5 AND 6. 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

ACCELERATION SWITCH POINT MODE 5 yellow-blue lights represent a switch point of when the transition from mode 1 cruise fuel into mode 2 acceleration fuel. To adjust this setting, push Mode button five times and then push the plus or minus buttons to adjust the transition switch point higher or lower.



MAIN CIRCUIT SWITCH POINT MODE 6 red-blue lights represent a switch point of when the transition from mode 2 acceleration fuel into mode 3 main circuit fuel. To adjust this setting, push Mode button six times and then push the plus or minus buttons to adjust the transition switch point higher or lower.



SUPPORT First contact your dealer or product representative where you purchased the product and check if they can assist you. If all else fails then feel free to contact the manufacturer directly to gain additional support. Call toll free at 1-877-764-3337.

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