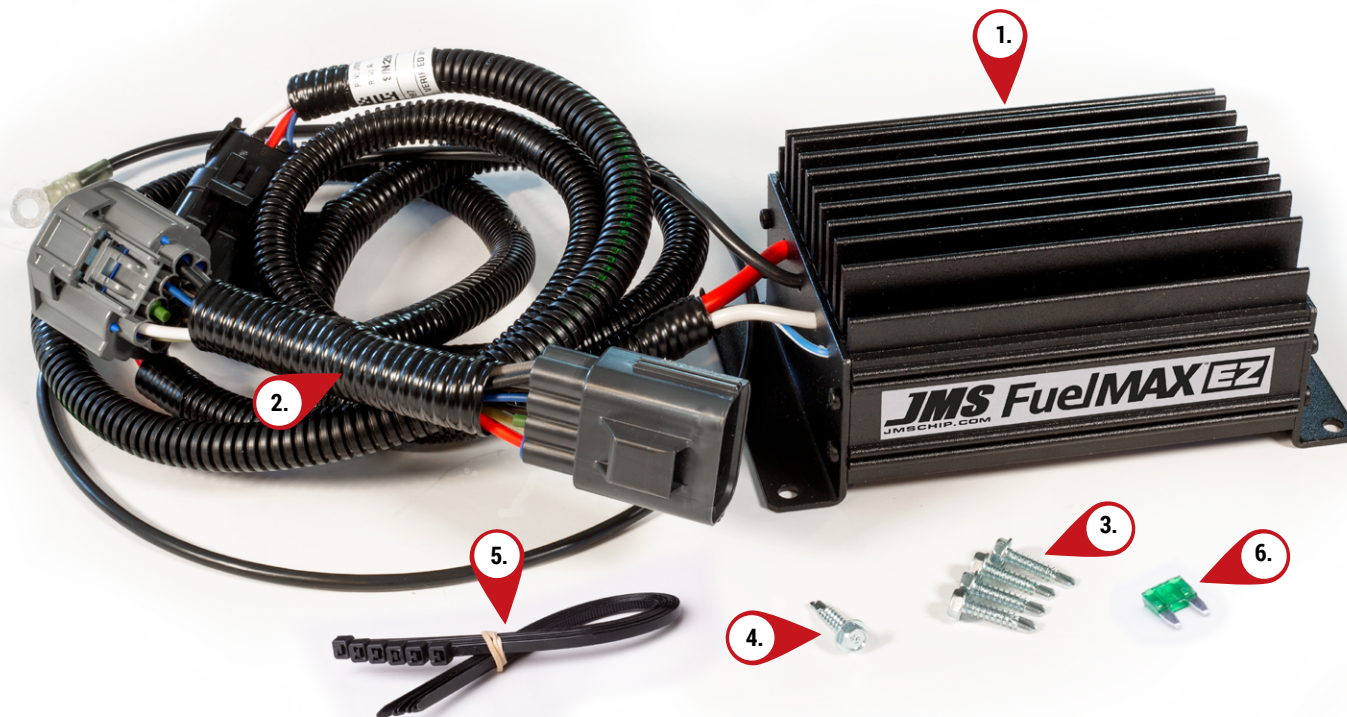




## FuelMAX EZ

### INSTALLATION GUIDE

## WHAT'S IN THE BOX



1: FUELMAX EZ Unit

2: Fuel Pump Driver Module Harness

3: 4x Mounting Screws

4: 1x Grounding Screw

5: 6x Wire Ties

6: 1x 30amp Fuse

## TOOLS NEEDED

Driver / Drill



1/4" Socket / Nut Driver



Dykes / Diagonal Cutters  
(for wire ties)



## STEP 1

### Locate the fuel pump driver modules

Verify that the vehicle is turned off (*no key in ignition*).

Locate the Fuel Pump Driver Module or Modules  
The Fuel Pump or FPDM is typically located in the trunk or possibly in or near the fuel tank.



Fuel Pump Driver Module (FPDM)

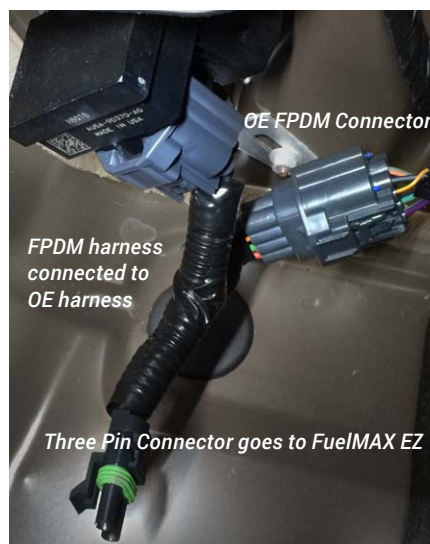
FPDM and FPDM connectors may not match the picture shown

## STEP 2

### Connect the JMS Plug & Play Harness

Install the Plug & Play Fuel Pump Driver Module Harness in-between the factory harness and the fuel pump driver module.

Connect the three pin connector to the FuelMAX EZ main harness connector.



OE FPDM Connector

FPDM harness connected to OE harness

Three Pin Connector goes to FuelMAX EZ



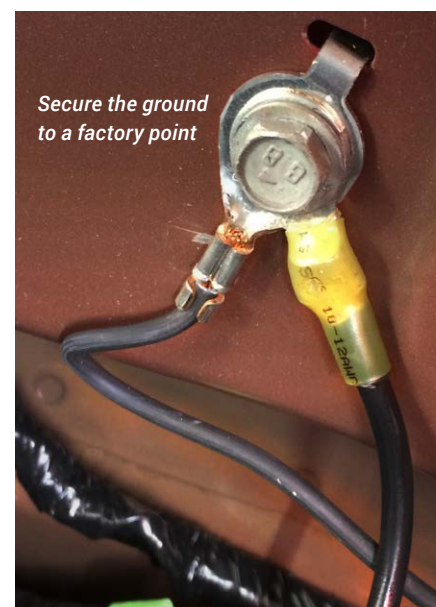
To remove the OE Pump Driver Plug you press and hold the tab and remove the connector plug.

## STEP 3

### Secure the Ground Wire

The Black Wire is pre-crimped with a yellow ground ring.

Terminate the Black Wire to a factory chassis ground point.



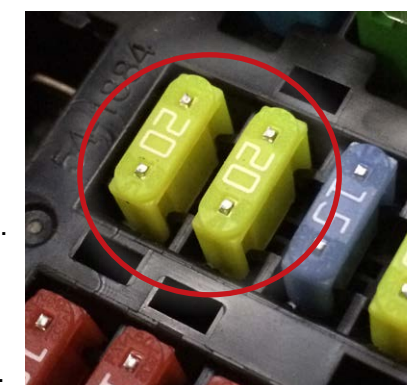
Secure the ground to a factory point

## STEP 4

### Upgrade the Fuel Pump Fuse

Most vehicles have a single pump and a single fuse.

Locate and replace fuse or fuses that provide +12v to the fuel pump driver module(s). Replace the stock fuse or fuses with 30amp versions.



'07 - '10 Shelby Vehicles utilize two fuses.

'07 - '12 Shelby GT500 vehicles require the JMS Fuel Pump Wiring Upgrade (p/n: JCA105732)

'11 - '12 Shelby GT500 vehicle utilize a single fuse.

'13 - '14 Shelby Vehicles utilize two fuses.

To support BIG HP on the '11-'12 Shelby: Use the JMS Shelby Fuel Pump Wiring Upgrade. This upgrade easily supports the amperage requirements required.

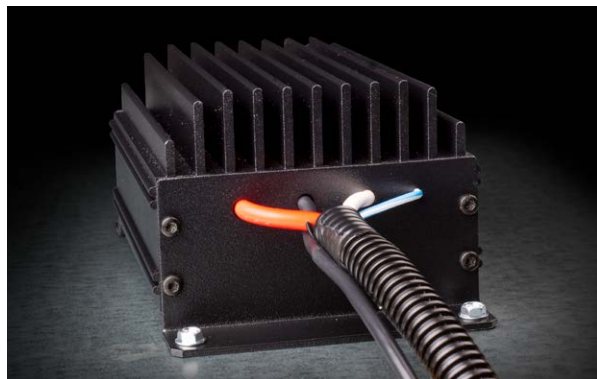


Typically newer cars (2000-up) utilize a fuel pump driver module to drive the fuel pump. FuelMAX boosts the voltage to the fuel pump driver module and this increases the fuel flow from the fuel pump.

## STEP 5

### Mount the Unit

Utilize the self-taping screws to mount the unit.



Make sure that the mounting location leaves you with enough excess wire so none of the connections are under strain.

Pay attention to where you are mounting the unit (avoid drilling into the factory fuel lines, brake lines or wire harness).

Be sure to mount the unit away from extreme heat and direct contact with water. Typically the unit is mounted inside the vehicle cabin or trunk.

## STEP 6

### Verify the Unit Powers On

Green LED will illuminate ON (*solid*), when the ignition key is set in the "ON" position.

FuelMAX EZ monitors the FPDM Duty Cycle - it will automatically boost voltage to 22v anytime the Fuel Pump demand is greater than 60% (*heavy load and wide open throttle*).

The green LED will slowly blink ONLY when they vehicle is at heavy load and wide open throttle.



## TROUBLESHOOTING

### Power Issue -> LED is OFF and the unit does not Output Voltage

1. Is the Key turned ON? Check the fuse(s) for the fuel pump
2. Blown Fuse (check the 40amp Heavy Gauge Red Wire Input Fuse)
3. The Black Ground wire is not connected to Chassis Ground.
4. Verify that the two pin connector is plugged into the FuelMAX EZ.

### Power Issue ->

- Verify that the two pin Red/White connector is connected and the FPDM plug and play connectors are connected to FuelMAX EZ.

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## Warranty & Contact Information

### JMS warrants to the original purchaser the following:

Your JMS Product will be free from defects in materials and workmanship for a period of twelve months from the original purchase date. The warranty only covers the product itself and not the cost of removal and re-installation of the product. JMS may extend the limited warranty on a case by case basis, based on the circumstances of the warranty claim. Our products are designed exclusively for use in racing applications. JMS products that are not installed according to the supplied instructions, may not be covered by warranty.

### Specific conditions that will VOID the product warranty:

- If the product case has been opened or the product has been modified or repaired.
- If the product was not installed or used correctly.
- If the product has been tampered with by: negligence, misuse or accident.
- If the product is returned without explanation of the problem or Return Authorization.

### Contact us at 601-766-9424 for a Return Authorization Number:

All warranty returns should be returned freight pre-paid and should include inside of the box: Proof of Purchase and a Letter that contains both the Return Authorization Number and a Clear Explanation of the EXACT problem. The Return Authorization Number should also be clearly written on the outside of the box.

### Send all returns to:

**JMS Returns**  
240 Springview Commerce Drive, Bld 1, Ste J  
DeBary, FL 32713

JMS Chip & Performance LLC is not liable for any and all consequential damages arising from the breach of any implied or written warranty in regards to the sale of this product, in excess of the purchase price.

**Technical Support & Contact Information:**  
240 Springview Commerce Drive, Bld 1, Ste J  
DeBary, FL 32713  
601-766-9424

### Technical Support Hours:

Monday - Friday 9:00am - 5:00pm (Central Standard Time)

Installation videos are available online: [www.youtube.com/jmschip](http://www.youtube.com/jmschip)

If you have any questions, please contact JMS technical support via email: [jms@jmschip.com](mailto:jms@jmschip.com)

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