



**INSTALLATION INSTRUCTIONS FOR  
FORD  
PERFORMANCE  
MODULE**

***Engineered For Power***

**TECHNICAL ASSISTANCE 714-848-5515**

**JET Performance Products**

17491 Apex Circle

Huntington Beach, CA 92647

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# Information about your...



## **PERFORMANCE MODULE**

The Jet Performance Module is designed to enhance the performance and driveability of your vehicle. By optimizing the air/fuel ratio, ignition advance and various other parameters, the Jet Module retunes your engine for maximum performance.

The use of premium fuel (91 octane or higher) is recommended for maximum results. Lower octane fuels may be used, but could result in lower performance gains. JET Performance strongly recommends the use of premium fuel when towing.

**For Warranty Registration Go To  
[www.jetchip.com/register.asp](http://www.jetchip.com/register.asp)**

## ECU Location Chart

1987-1994	Bronco II, Explorer	#1
1993-1998	E Series Van	#6
1995-2002	Explorer	#2*
1987-1996	F150, 250, 350 Bronco	#3
1997-2003	F150, Expedition	#5
1997-2003	F250, 350	#6
1994-1997	F250, 350 Diesel	#3
1998-2003	F250, 350 Diesel	#6
1987-1992	Ranger	#1*
1993-1995	Ranger	#2*

\*NOTE: See Page 8

#1= Behind the passenger kick panel.

#2= Under hood on drivers side

#3= Driver's side kick panel, behind emergency brake

#4= Under hood, near top of firewall, near passenger side

#5= Passenger side above kick panel

#6= Under dash on drivers side, inside plastic sleeve

#7= Back firewall, under cowl panel

#8= Behind panel below steering column

#9= Eng, compartment-pass side rear-under cowl panel

#10= Drivers side engine compartment near firewall

#11= Above passenger side kick panel

#12= Underneath the battery tray, remove battery tray to gain access to PCM connectors

#13=Under hood next to master cylinder

#14=Under hood passenger side

1. Remove negative battery cable.
2. Remove any covers (kick panels, etc.).
3. Remove the ECU mounting bracket screw and pull the ECU out of it's bracket.
4. On the rear of the ECU remove the warranty sticker or plastic cap to expose the connector.

**IMPORTANT: It is necessary to clean the protective coating off of the circuit board connection on the factory computer. Using the supplied cleaning pad, gently rub back and forth over the circuit board to remove all of the coating (see pictures). You MUST clean both sides of the circuit board for the module to get a proper contact. Remove any flakes of coating left from cleaning.**

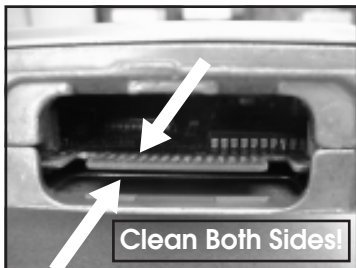
**If the vehicle does not start or any warning lamps stay on after installing the module, reclean the circuit board and remove any residual coating from inside the connector on the JET module.**

5. Plug the JET Module onto the exposed connector (see pages 4-7 for pictured instructions.)

**IMPORTANT: When installing the module onto the connector, care should be taken **NOT** to **FORCE** the module inside the computer. Damage to your computer could result.**

6. To prevent the module from working loose - use the provided mounting strip and tape over the module to hold it on the ECU.
7. Reinstall the ECU, bracket and any panels back in their original location.
8. Reconnect the negative battery cable.
9. Start the vehicle - verify that the service engine light is **NOT** on and that the idle RPM is normal. If **NOT**, turn **OFF** the engine. Verify all the installation procedures.

# Module A Photo Instructions



## Step 1

Clean both sides of connector.



## Step 2

Plug Jet Module onto connector.



## Step 3

Make sure the module is seated all the way down.

# Module A Photo Instructions (Continued)



## Step 4

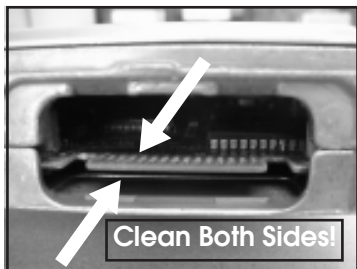
Secure the module with the supplied sticker.



## Step 5

Finished!

# Module B Photo Instructions



## Step 1

Clean both sides of connector.



## Step 2

Plug Jet Module onto connector.



## Step 3

Make sure the module is seated all the way down.

## Module B Photo Instructions (Continued)



### Step 4

Secure the module with the supplied sticker.



### Step 5

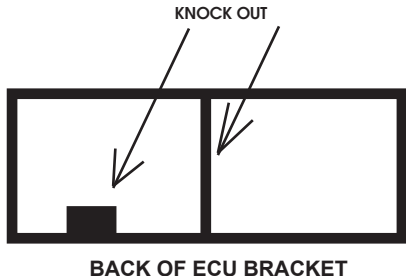
Finished!



# **ATTENTION RANGER AND EXPLORER OWNERS**

On some 1995 thru 2005 models, it may be necessary to remove the ECU stop bracket located directly behind your stock ECU. This bracket is put in by the factory for assembly reasons. It will not affect the vehicle by removing it.

This can be done by using a flathead screwdriver and a hammer. Gently tap the corners of the stop bracket. This simple procedure will allow the ECU to stay in its stock position with the JET Power Tech Module attached.



# TROUBLESHOOTING GUIDE...

Most computer or module problems are due to poor electrical contacts. If you have a problem, try the following:

1. Disconnect the negative battery cable, unplug the factory harness and the Jet Module.
2. Inspect both the factory parts and Jet Module for any bent or broken pins, dirt or contamination. Fix any minor problems you find.
3. Reinstall the module, harness, battery cable and recheck for the service engine light or any drivability problems.
4. If the problem still exists...

**Contact the Jet Technical Department  
at (714) 848-5515**

If these fail to correct your problem - **DO NOT CONTACT THE DISTRIBUTOR YOU PURCHASED IT FROM OR GO BACK TO THE CAR/TRUCK DEALER - CALL THE JET TECH LINE AT (714) 848-5515.**

# ASK ABOUT OTHER JET PRODUCTS FOR YOUR CAR OR TRUCK

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- T.B.I SPACERS

- POWR-FLO AIR INTAKE SYSTEMS



- PERFORMANCE PROGRAMMER

- MASS AIR SENSORS

- JET POWER SHIFT





## WHAT TO DO BEFORE TAKING YOUR VEHICLE IN FOR SERVICE

If a problem occurs that may require you to take your vehicle to a mechanic or dealership for service, first remove the JET Performance Chip or Module and reinstall back to stock. If the problem disappears when you remove the JET Performance Product, call JET and we will troubleshoot the product. However, if returning to stock does **not** cure your problem, there is nothing wrong with your JET Performance Product and you will need to have your vehicle serviced.

**Anytime** a diagnostic machine is to be used, the vehicle must be back to stock. Diagnostic machines expect to find the original stock program and often cannot correctly analyze the problem if other devices are installed. Failure to reinstall your system back to stock can result in unnecessary and costly repairs not covered by JET. Before you have any work done on the vehicle that you feel may have been related to the JET Performance Chip or Module, please call JET at 714-848-5515.

## Limited Warranty

JET Performance Products warrants Chips and Modules to be free from defects in material and workmanship under normal use and if properly installed. This limited 2 year warranty is to the original purchaser for as long as he or she owns the vehicle on which the product was originally installed, provided all information requested is furnished. If found to be defective as mentioned above, it will be replaced or repaired at the sole discretion of JET if returned prepaid along with proof of date of purchase.

All other products and services performed by JET are warranted in defects in material and workmanship for a period of 6 months from date of purchase. This warranty is to the original purchaser for as long as he or she owns the vehicle on which the product was originally installed. Repair, Replacement, or Credit will be based on the date of purchase. Costs for labor are specifically excluded and are the sole responsibility of the purchaser.

This warranty does not apply to Custom Programming or any product incorrectly installed, modified by the purchaser, or to any product that has been subjected to misuse, negligence or accident.

To obtain warranty service and Return Authorization Number, contact our Customer Service Department at 714-848-5515 between 8 am and 5 pm Pacific Standard Time, Monday through Friday

Defective Products may be brought or sent prepaid (with Return Number) to JET Performance Products, 17491 Apex Circle, Huntington Beach, CA 92647.

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