



**INSTALLATION  
INSTRUCTIONS FOR  
DODGE/JEEP MODULE**

***ENGINEERED FOR  
POWER***

**TECHNICAL ASSISTANCE: (714) 848-5515**

**Jet Performance Products**

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## Information about your...



## PERFORMANCE MODULE

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

### **JET STAGE 1 MODULE:**

The Jet Stage 1 Module is optimized for stock vehicles. Minor bolt on modifications such as free flow air filters and cat back exhaust systems will work with the stage 1 tuning. Premium fuel is recommended for best performance gains, but for normal light driving, lowgrade or midgrade fuels may be used.

### **JET STAGE 2 MODULE:**

The Jet Stage 2 Module is optimized for modified vehicles. The stage 2 requires premium fuel and the use of a Jet 180 degree thermostat. We also recommend a cat back exhaust system. The stage 2 will work well with headers, free flow air intake systems and filters.

# INSTALLATION PROCEDURES

1. Disconnect negative battery cable.
2. Locate the stock ECU (see chart below).

## ECU LOCATION CHART

1996-2003	Dakota	#1
1996-2003	Ram Pickup	#3
1996-2003	Cherokee	#4
1996-2003	Grand Cherokee	#5
1996-2003	Wrangler	#5

#1 = Passenger side inner fender, under hood

#2 = Drivers-side under hood inner fender panel  
(behind battery)

#3 = Under hood on passenger side of firewall

#4 = Under hood drivers side inner fender well

#5 = Under hood passenger side on firewall

Photo 1

3. **Remove the ECU from the firewall.**

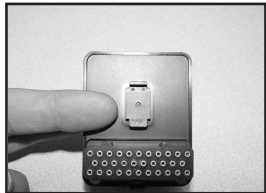


4. There are 3 color coded connectors (black, white & grey) remove the **BLACK** connector (see photo 1).

**NOTE: SOME APPLICATIONS WILL REQUIRE REMOVAL OF A DUST COVER. THIS WILL NOT REINSTALL WITHOUT MODIFICATIONS.**

5. Plug the Jet Module into the stock computer. Ensure the module is inserted all the way into the stock connector.
6. Slide the lock on the backside of the module until fully clipped down (see photo 2).

Photo 2



7. Reinstall the ECU.
8. Install the supplied O ring over stock ECM connector, make sure it is completely seated up to the last lip on connector (see photos 3 & 4).

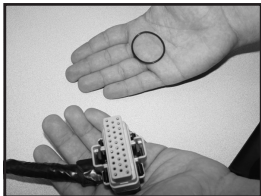


Photo 3

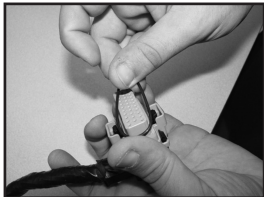


Photo 4

9. Reinstall all factory wiring harness into the Jet Module and computer (see photos 5 & 6).

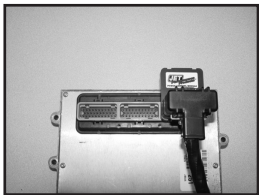


Photo 5

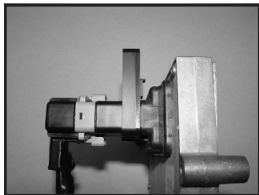


Photo 6

10. Reinstall battery if needed or reconnect battery cable.
11. Start the vehicle. Verify that the "service engine" light **IS NOT ON**. Go drive the vehicle for a few miles and verify everything is working properly.
12. In the event that you have a problem go to troubleshooting on page 6.

## **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.**



## 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. 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. For Warranty Registration go to [www.jetchip.com/register.asp](http://www.jetchip.com/register.asp)