



INTAKE AIR TEMPERATURE

RELOCATOR KIT

Engineered For Power!

INSTALLATION INSTRUCTIONS

The Jet Intake Air Temperature Sensor Relocation Kit is for GM vehicles equipped with a Mass Air Flow Sensor that has a Integral Intake Air Temperature Sensor. The Intake Air Temperature Sensor is a negative coefficient (NTC) thermistor that is used to sense air entering the engine. The computer utilizes the IAT to adjust the air/fuel ratio in accordance with air density. It's also used to modify spark advancement and acceleration enrichment. This kit allows the IAT to be relocated away from the hot engine compartment so the computer can get a more accurate reading of ambient air temperature thus improving performance.

INSTALLATION INSTRUCTIONS



Figure 1

1. Locate the Mass Air Flow Sensor. Using the supplied screwdriver, disengage the lock and disconnect the wiring harness to the MASS Air Flow Sensor. (Fig.1 & 2)



Figure 2

2. Using the supplied screwdriver, remove the purple colored cap from the Mass Air Flow Sensor male connector you just removed. (Fig. 3 & 4)



Figure 3

Tip: To release the cap, use the screwdriver and slightly pry the cap upward and outward to disengage the locks.

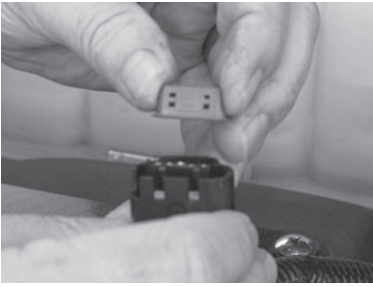


Figure 4



Figure 5

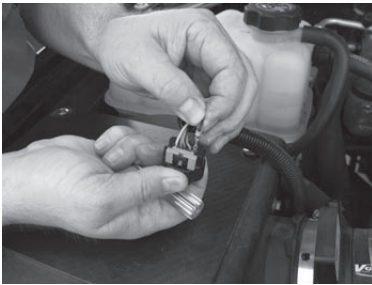


Figure 6



Figure 7

3. Locate the two terminals/wires for the Intake Air Temperature sensor, depending on the application these wires will be either Black and Tan, Tan w/Black Stripe or Tan. To release the wires from the connector use the screwdriver to lift up slightly on the black terminal lock fingers while gently pulling on the terminal/wires. (Fig. 5 & 6)

4. Using the male connector with the yellow cap supplied in the kit, push the IAT terminals/wires into the connector. From wire side, starting from the left and going right, Black goes in opening "A" and Tan goes in opening "B", Once the wires are in, press the yellow cap down to lock them into place, you should here a "click". (Fig. 7)

5. Snap the purple cap back on to the factory Mass Air Flow Sensor male connector and plug the factory



Figure 8

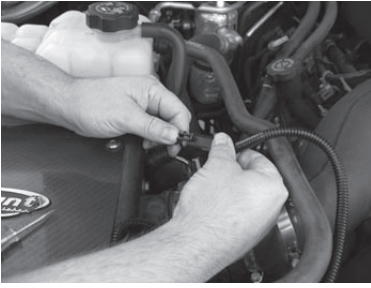


Figure 9

6. Plug the the yellow male connector into the female side of the supplied Jet IAT Relocator harness. (Fig. 9)

7. On the factory Mass Air connector, Using needle nose pliers take the two little orange cavity plugs and plug them into the openings where the Intake Air Temperature Sensor wires use to be. This will help prevent against moisture or condensation from getting to the connections. (Fig. 10)



Figure 10

8. Now connect the supplied Jet Intake Air Temperature Sensor to the male side of the IAT Relocator harness. (Fig. 11)



Figure 11

9. Use the purple lock, attached to your harness, and slide in and lock the IAT to the harness. (Fig. 12 & 13)



Figure 12

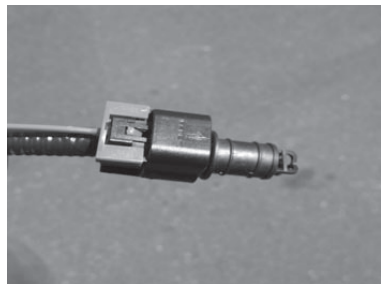
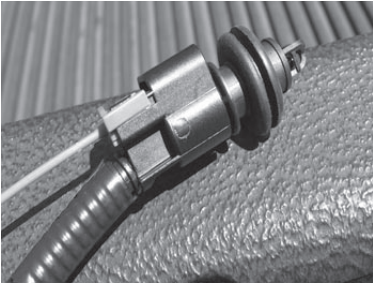


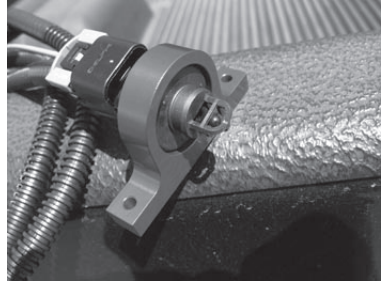
Figure 13

MOUNTING INSTRUCTIONS

It is best to mount the IAT in a cool ambient stream of air using the supplied grommet and/or bracket. There can be several different places and ways to mount your IAT, this can vary from vehicle to vehicle.



IAT w/ Grommet



*IAT w/ Grommet
& Bracket*

This kit includes:

- | | |
|------------------------------|--------------------------------|
| 1 - IAT Relocator Harness | 2 - Orange Cavity Plugs |
| 1 - IAT Sensor | 2 - 6-32 x 7/8 Pan Head Screw |
| 1 - Two Way Female Connector | 2 - #6 x 3/4 Sheet Metal Screw |
| 1 - Bracket | 2 - 6-32 Nylon-Insert Nut |
| 1 - Rubber Grommet | 4 - Zip Tie |
| 1 - Jet Mini Screwdriver | |

TECHNICAL ASSISTANCE

Technical Assistance is available Monday through Friday between 8:00 am and 5:00 pm Pacific Standard Time. Technical Assistance is provided by Jet Performance Products by calling 1-714-848-5515 or by email at customerservice@powerbyjet.com. **DO NOT CALL THE PLACE OF PURCHASE FOR TECHNICAL ASSISTANCE**

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 lifetime 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 purchase.

All other products and services performed by Jet are warranted to be free of 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

JET Performance Products

17491 Apex Circle

Huntington Beach, CA 92647

(714) 848-5515 • Fax: (714) 847-6290

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