

## MSD 6BTM PN 6462

### Additional Parts Supplied:

1 – 2-Pin Weathertight Connector  
1 – Control Dial

1 – 3/8" Rubber Bushing  
4 – Self Tapping Screws

**Note:** A length of 1/8" tubing is required.

This is an addendum to the supplied instructions that detail the function and wiring of the MSD 6BTM Ignition Control and other 6 Series Ignitions. Review those instructions first for information and wiring for your application.

## INSTALLATION

1. Mount the Boost Control Dial where it can easily be reached by the driver. (Before mounting the unit, ensure that the Boost Control Wiring harness reaches your desired location). Use the adhesive on the back or the four mounting screws (use a 3/16" bit).
2. If an access hole to the engine compartment is not available, use a 3/8" bit to locate a new one. A 3/8" rubber bushing is supplied to route the wires through.
3. Route the wires to the MSD Ignition making sure they are secured away from heat sources and moving parts. Install the supplied 2-pin Weathertight Connector to the two wires. This connection is not polarity sensitive so it does not matter which way the terminals are positioned.
4. Connect the 1/8" tubing to the spigot of the MSD and route it to a port on the intake manifold. Use care when routing this line not to kink it and secure it away from heat sources and moving parts.

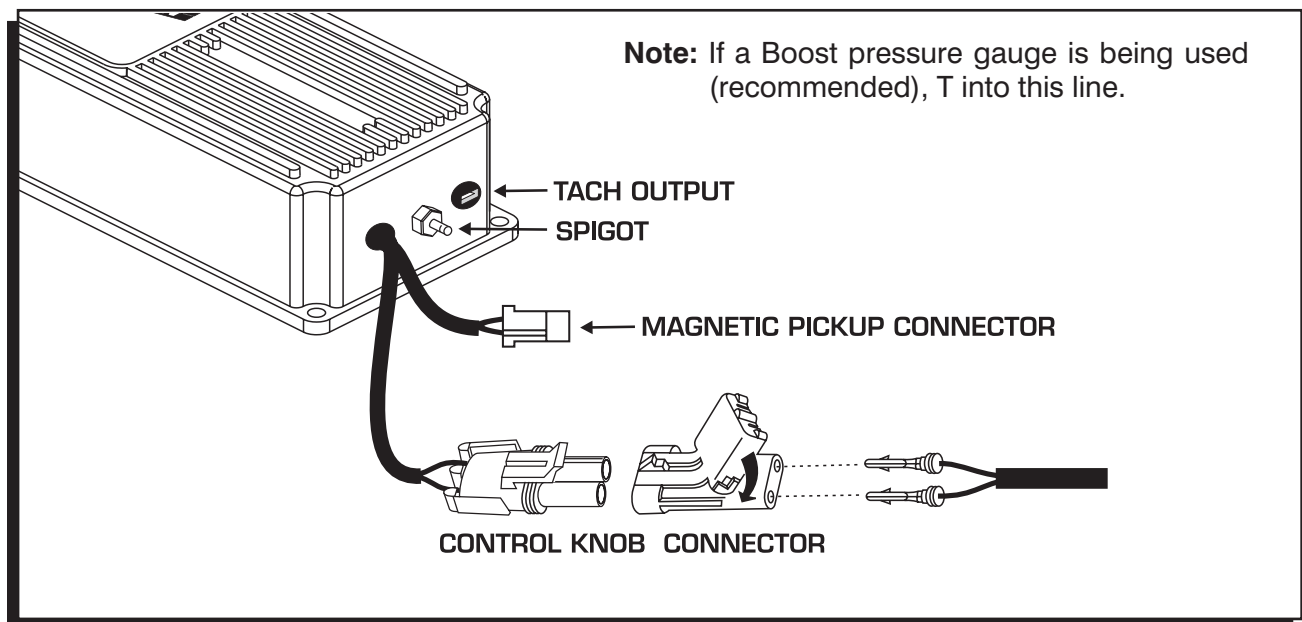


Figure 1 Connecting the Boost Lines and Connector.

## **OPERATION**

The 6BTM provides a variable timing retard in relation to the amount of boost occurring. The amount of retard that occurs is controlled with the dash mounted control knob and ranges from 0° -3° per pound of boost. The chart in Figure 2 shows the relation of boost and retard.

As an example, if you have the control knob set at 2° and run a maximum of 6-pounds of boost, the total retard at max boost is 12° ( $2 \times 6 = 12^\circ$ ).

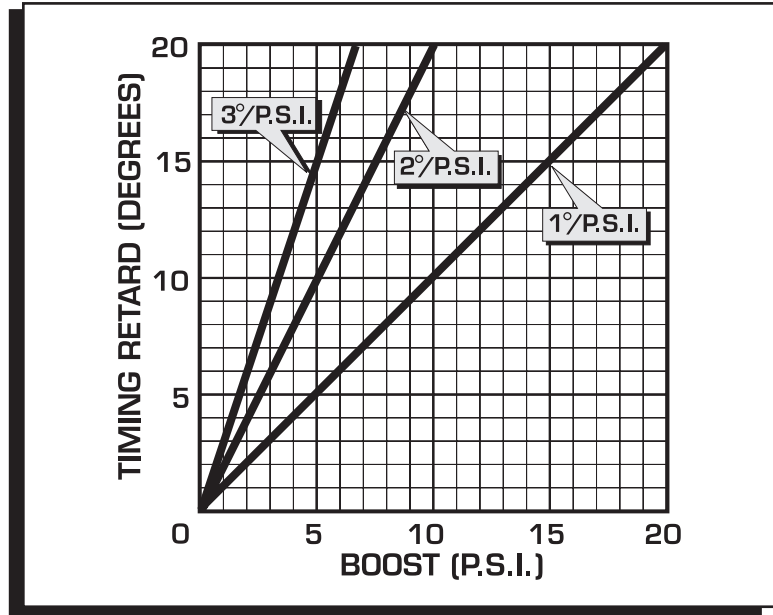


Figure 2 Retard in Relation to Boost Chart.

### **Service**

In case of malfunction, this MSD component will be repaired free of charge according to the terms of the warranty. When returning MSD components for warranty service, **Proof of Purchase** must be supplied for verification. After the warranty period has expired, repair service is based on a minimum and maximum fee.

**All returns must have a Return Material Authorization (RMA) number** issued to them before being returned. To obtain an RMA number please contact MSD Customer Service at 1 (888) MSD-7859 or visit our website at [www.msdisignition.com/rma](http://www.msdisignition.com/rma) to automatically obtain a number and shipping information.

When returning the unit for repair, leave all wires at the length in which you have them installed. Be sure to include a detailed account of any problems experienced, and what components and accessories are installed on the vehicle. The repaired unit will be returned as soon as possible using Ground shipping methods (ground shipping is covered by warranty). For more information, call MSD Ignition at (915) 855-7123. MSD technicians are available from 7:00 a.m. to 6:00 p.m. Monday - Friday (mountain time).

### **Limited Warranty**

MSD IGNITION warrants this product to be free from defects in material and workmanship under its intended normal use\*, when properly installed and purchased from an authorized MSD dealer, for a period of one year from the date of the original purchase. This warranty is void for any products purchased through auction websites. If found to be defective as mentioned above, it will be repaired or replaced at the option of MSD Ignition. Any item that is covered under this warranty will be returned free of charge using Ground shipping methods.

This shall constitute the sole remedy of the purchaser and the sole liability of MSD Ignition. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representation whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall MSD Ignition or its suppliers be liable for special or consequential damages.

\*Intended normal use means that this item is being used as was originally intended and for the original application as sold by MSD Ignition. Any modifications to this item or if it is used on an application other than what MSD Ignition markets the product, the warranty will be void. It is the sole responsibility of the customer to determine that this item will work for the application they are intending. MSD Ignition will accept no liability for custom applications.