

INSTALLATION INSTRUCTIONS

Mazda Miata Boost Control Part No. 8662

Parts Included In This Kit

- 1 - MSD PN 8662 Boost Control Unit
- 4 - Mounting Screws
- 5 - Wire Splice Device
- 1 - Instruction Manual

Mounting the Boost Control Unit

The MSD Boost Control Unit may be mounted in the engine compartment in an area away from extreme exhaust manifold heat. Use the unit as a template to mark the location where 1/8" mounting holes are going to be drilled.

Electrical Connections

All of the connections are going to be done at the wires that go to the **crank angle sensor** located at the rear of the engine on the upper side behind the valve covers. Find the four-wire connector and pull off the wire wrap to reveal enough of the wires to be able to use the wire splice devices supplied. See Figure 1 on how to use the wire splice device.

The chart below shows the **crank angle sensor** wire colors and the MSD Boost Control wire colors and what each wire does. Reading across the chart also explains which wire is spliced to which wire.

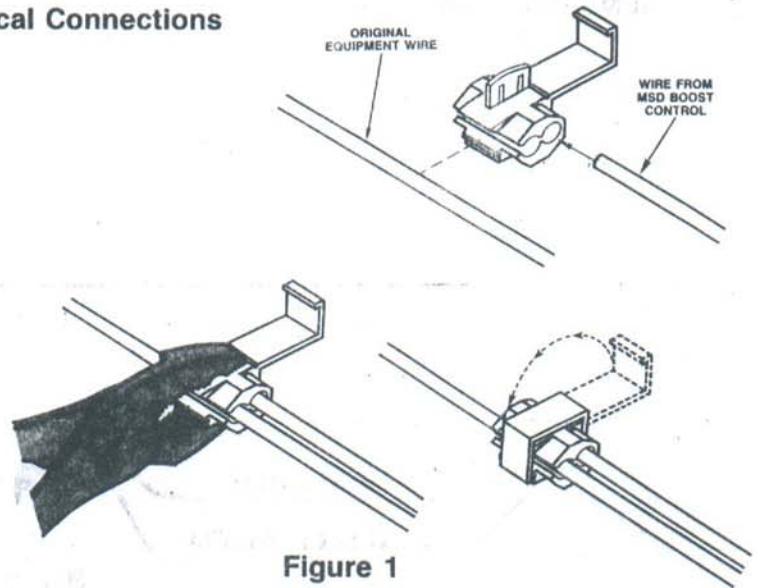


Figure 1

CRANK ANGLE SENSOR	MSD BOOST CONTROL	FUNCTION
Black/Light Green	Black	Provides Ground
White/Red	Red	Provides Power (12 volts)
White	White	Provides Timing Signal From Crank Angle Sensor
White	Yellow	Provides the "Modified" Signal to the Computer
Yellow/Blue	Not Connected	

The White wire coming from the **crank angle sensor** and going to the computer provides the timing signal for ignition timing. This wire **will be cut** to divert the timing signal through the MSD Boost Timing Control where it will be delayed according to the boost pressure the unit is receiving. (See Figure 2)

The diagram below shows where the wires from the MSD Boost Control Unit are spliced to the **crank angle sensor**.

Complete Installation

Connect one end of a 1/8" vacuum hose to the spigot on the side of the MSD Boost Control Unit and the other end of the hose to sense boost pressure.

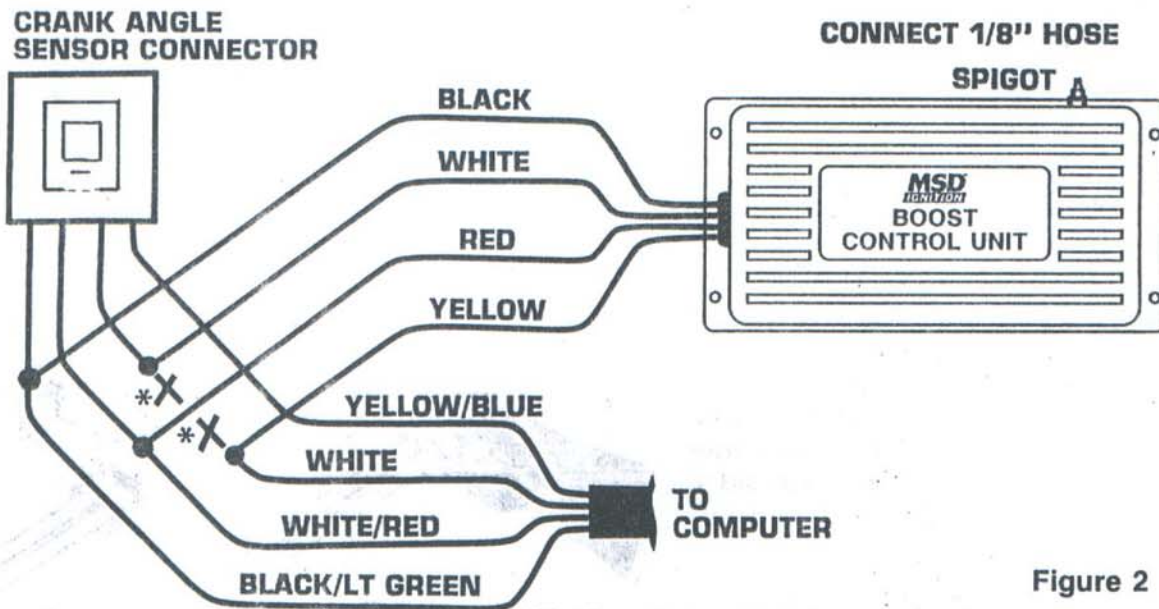


Figure 2

- = WIRE SPLICE
- * = THE WHITE WIRE WILL BE CUT

Limited Warranty

Autotronic Controls Corporation warrants MSD Ignition products to be free from defects in material and workmanship under normal use and if properly installed for a period of one year from date of purchase. If found to be defective as mentioned above, it will be replaced or repaired if returned prepaid along with proof of date of purchase. This shall constitute the sole remedy of the purchaser and the sole liability of Autotronic Controls Corporation. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representations whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall Autotronic Controls Corporation be liable for special or consequential damages.

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