MSD INSTALLATION INSTRUCTIONS

Starter Saver
PN 8984

Parts Included:
1 – Control
3 – Mounting Screws
1- Parts Bag

WARNING: During installation, disconnect the battery cables. When disconnecting the battery, always remove the negative cable first and install it last.

Note: For use on 8-cylinder engines only.

Note: Must be used with an MSD Ignition and MSD distributor or crank trigger only.

OPERATION

The Starter Saver will automatically retard the timing when the engine is cranking. The timing will return to, and stay at, the run timing setting when the rpm reaches over 800 rpm. If the engine rpm drops below 500 rpm, the retard will activate again.

The Saver also has a very accurate magnetic pickup compensation circuit built-in and will hold the timing steady throughout the entire rpm range of the engine. This is why there is a 4° change in the engine timing when the Control is installed.

Important: After installation the engine's mechanical timing must be checked and reset.

MOUNTING

The Control can be mounted under the hood but should be away from direct engine heat sources. Make sure the wiring reaches the connections and mark the mounting holes. Use an 1/8" bit to drill mounting holes and mount the unit.

WIRING:

Red:	Connects to a switched 12 volts.
Black:	Connects to ground.
Yellow:	Connects to the MSD Ignition's White wire or Points input terminal.
Green/Violet:	This 2-Pin connector plugs into the MSD crank trigger pickup or magnetic pickup of an MSD Distributor.
Blue Loop:	This loop controls the amount of retard that occurs during cranking. Cut the loop for 20° of start retard. Seal the wire ends. Uncut provides 10° of start retard.
LED:	The LED on the side of the unit flashes for every trigger signal. When the engine is running, it will appear to be illuminated all the time.

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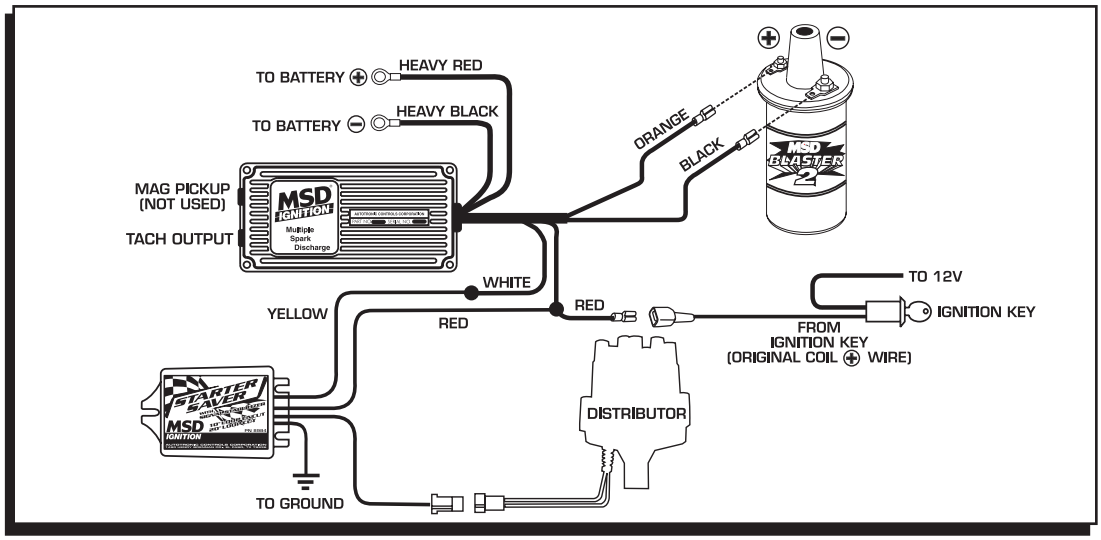

Figure 1 Wiring the Control with an MSD 6 Series Ignition Control.

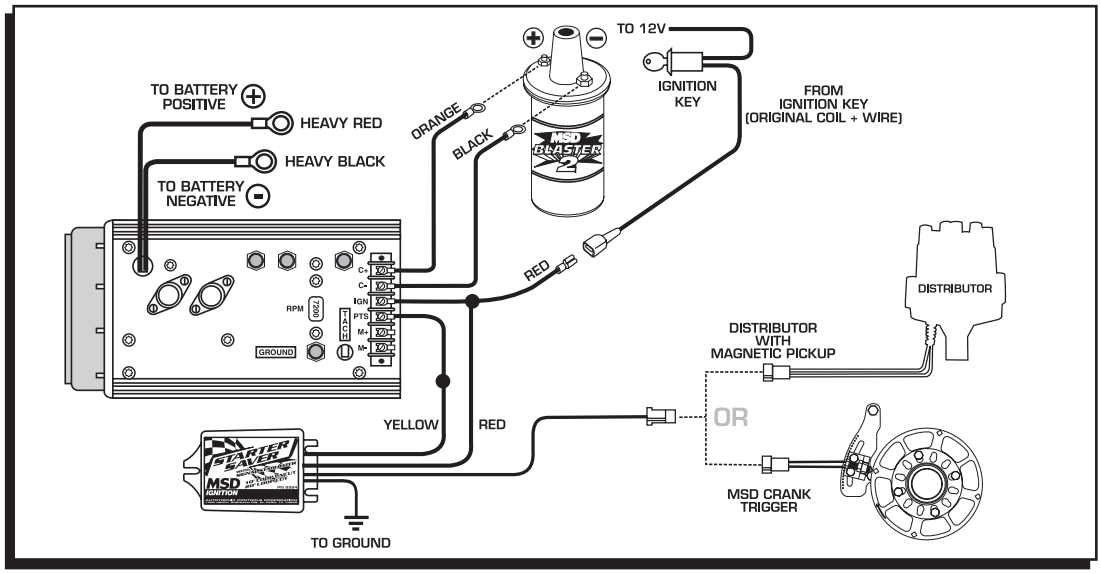

Figure 2 Wiring the Control with an MSD 7 Series Ignition Control.

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.msdperformance.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 at (915) 855-7123. MSD technicians are available from 7:00 a.m. to 5:00 p.m. Monday - Friday (mountain time).

Limited Warranty

MSD 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. 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. 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 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. Any modifications to this item or if it is used on an application other than what MSD 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 will accept no liability for custom applications.

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FRM28596 Revised 01/14 Printed in U.S.A.