



INSTALLATION INSTRUCTIONS

MSD Ignition Enhancer for 650 and 701 Yamaha Engines PN 4253

Important: Read these instructions before attempting any installation. Failure to do so may void the warranty.

The MSD Ignition Enhancer is a direct replacement for the stock CDI unit. No modifications in mounting or wiring are necessary. The MSD Enhancer will increase the spark energy and eliminates the stock rev limiter to increase engine rpm capability. The timing curve is also modified to improve low end and mid range while maintaining top end performance.

Note: It is recommended that the ignition timing be left in the factory setting.

Parts Included In This Kit

1 - MSD Ignition Enhancer

It is recommended that you have the Service Manual for your craft.

INSTALLATION

1. Disconnect the negative battery cable.
2. Remove the Waterbox from its mount. Refer to the Service Manual.
3. Remove the 14 screws and open the electrical box.
4. Remove the two screws that hold the stock CDI unit. Disconnect the wires and remove the unit.
5. Connect the color coded wires of the MSD Enhancer to the factory wiring harness. You will not be connecting the PINK wire or the WHITE/RED wire to the Enhancer. Refer to Figure 1 for wiring. Make sure all connections are tight and fully seated.
6. Position the MSD Ignition Enhancer in the stock mount. Install the plastic wire harness and route the wires so they are secure.
7. Install the top of the electrical box making sure that the rubber seal is in place and no wires are out of position. Install the 14 screws and mount the electrical box.
8. Connect the negative battery cable.

Note: Before starting the engine, make sure all wires and lines are mounted away from the engine and exhaust.

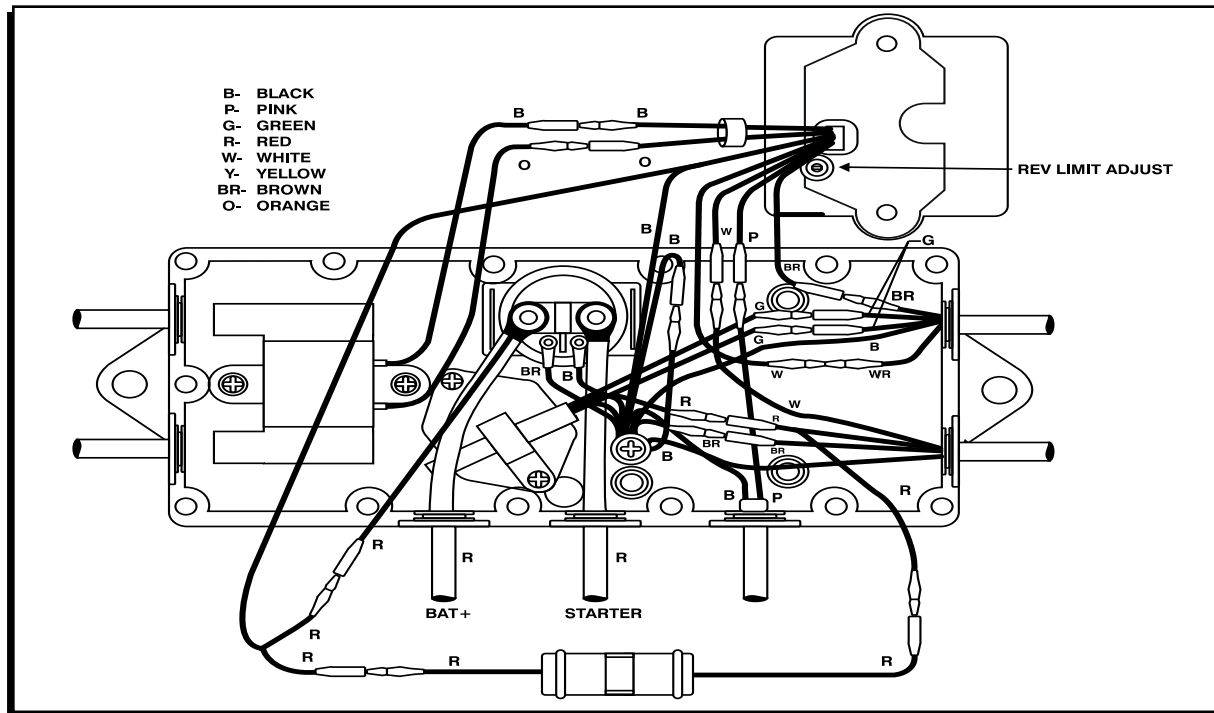


Figure 1 Wiring the MSD Ignition Enhancer.

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 service, Proof of Purchase must be supplied for warranty verification. After the warranty period has expired, repair service is charged based on a minimum and maximum charge.

Send the unit prepaid with proof of purchase to the attention of: **Customer Service Department, Autotronic Controls Corporation, 1490 Henry Brennan Drive, El Paso, Texas 79936.**

When returning the unit for repair, leave all wires at the length in which you have them installed. Cutting wires close to the unit will void your warranty. 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 after receipt, COD for any charges. For more information, call the MSD Customer Service Line (915) 855-7123. MSD technicians are available from 8:00 a.m. to 5:00 p.m. Monday - Friday (mountain time).

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.