

MSD[®] IGNITION INSTALLATION INSTRUCTIONS

MSD Harness for Honda/Acura PN 8888

The MSD Installation Harnesses for Honda/Acura will allow for an MSD SCI, 6 or 7 series ignition to be installed on a vehicle with minimum modification to the distributors.

Parts Included:

1- Parts Bag
1-18 Gauge Red Wire
1-18 Gauge White Wire
1-18 Gauge Orange Wire
1-18 Gauge Black Wire

Parts Bag Includes:

1-Male Spade Terminal
1-Internal Tooth Washer
1-Phillips Screw (.375" Long)
1-Phillips Screw (14mm Long)
1-Wire Retainer

1-Wire Retainer Nut
1-Rubber Grommet
4-Male Connectors
4-Female Connectors

Parts Needed:

1-3/8" Drill Bit

WARNING: When installing the MSD Harness, disconnect the battery cables. When disconnecting, always remove the negative cable first and install it last.

These instructions cover two different installations. One for the '98-'02 Accord and '98-'99 Acura CL 2.3L, while the other steps are for all other Hitachi Distributors.

Note: Before performing the installation take note of the firing order on the distributor cap.

STEPS FOR THE '98-'02 ACCORD AND '98-'99 ACURA CL 2.3L (MSD CAP PN 8294)

1. Begin by removing the distributor cap.
2. Take note of where the 12V (coil +) wire is located on the coil. The 12V wire is a BLK/YEL wire.
3. Remove both the coil positive (+) and coil negative (-) wires from the coil. The coil negative (-) wires will also need to be disconnected from the igniter. The coil negative (-) wire will no longer be used and needs to be removed from the distributor.
4. Install the supplied wire retainer using the supplied 14mm Phillips screw in the location shown in Figure 1.
5. Install the supplied male spade connector, and supplied RED wire to the Wire Retainer using the supplied (.375") Phillips screw and internal tooth lock washer (Figure 2).
6. Connect the factory coil positive (+) wire (BLK/YEL) to the male spade connector on the wire retainer (Figure 2).
7. Connect the supplied White wire to the igniter where the factory coil negative (-) wire was connected (Figure 2, 3).
8. Install the supplied Black and supplied Orange wires onto the coil. The Orange wire installs on the positive (+) side of the coil, and the Black installs on the negative (-) side of the coil (Figure 2).
9. Apply the supplied template (see back page) to the outside of the distributor cap using a piece of tape as shown in Figure 4.
10. Using a 3/8 drill bit carefully drill a hole in the distributor cap as specified on the template. Once you have drilled the 3/8" hole remove any debris from the cap.
11. Route the four wires through the hole in the distributor cap and reinstall the cap to the distributor.

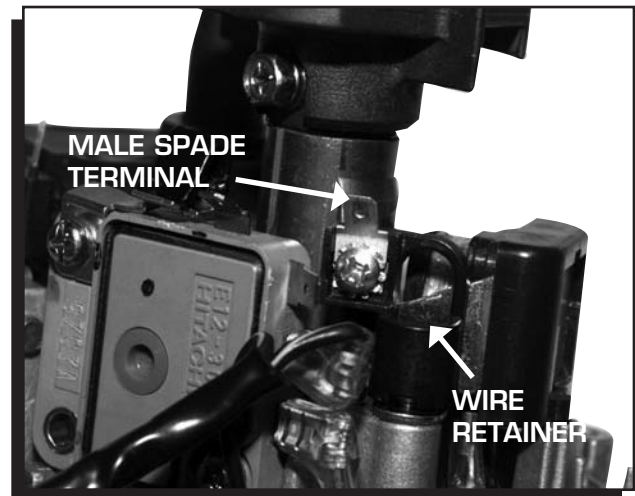


Figure 1 Installing the Spade Terminal.

12. Apply some lubricant (WD 40) to the four wires coming out of the distributor and install the supplied rubber grommet. Do not pull on the wires excessively while installing the rubber grommet. Make sure and slide the rubber grommet all the way into the hole of the distributor cap until the umbrella sits flush on the distributor cap (Figure 4).
13. Match the colors from the four wires coming out of the distributor to the four wires from the MSD Ignition Box (Figure 5). Connect the wires from the distributor to the wires from the MSD Ignition Box using the supplied male and female connectors.
14. Install a male connector to both the Red, and the Black wires from the distributor.
15. Install a female connector to both the White, and the Orange wires from the distributor (Figure 5). Do the opposite to the four wires coming from the MSD Ignition Box. This will allow you to bypass the ignition box and run on the stock ignition without rewiring the distributor (Figure 5).
16. Last reinstall the spark plug wire to the distributor cap, and reconnect the battery.

STEPS FOR ALL HITACHI DISTRIBUTORS (EXCEPT THE '98-'02 ACCORD, '98-'99 ACURA CL 2.3L WITH A HITACHI DISTRIBUTOR) MSD CAP PN 8291

1. Begin by removing the distributor cap.
2. Take note of where the 12V (coil +) wire is located on the coil. The 12V wire is a BLK/YEL wire.
3. Remove both the coil positive (+) and coil negative (-) wires from the coil. The coil negative (-) wire will also need to be disconnected from the igniter. The coil negative (-) wire will no longer be used and needs to be removed from the distributor.
4. Install the supplied wire retainer using the supplied 14mm Phillips screw in the location shown in Figure 6.
5. Install the supplied male spade connector, and supplied Red wire to the Wire Retainer using the supplied (.375") Phillips screw and internal tooth lock washer.

Route the Red wire through the hoop on the retainer (Figure 7,8).

6. Install the supplied Black and supplied Orange wires onto the coil. The Orange wire installs on the positive (+) side of the coil, and the Black wire installs on the negative (-) side of the coil. Once the Orange and Black wires have been installed on the coil route the wires through the hoop on the retainer (Figure 7, 8).
7. Connect the factory coil (+) wire (BLK/YEL) to the male spade connector on the wire retainer (Figure 7).

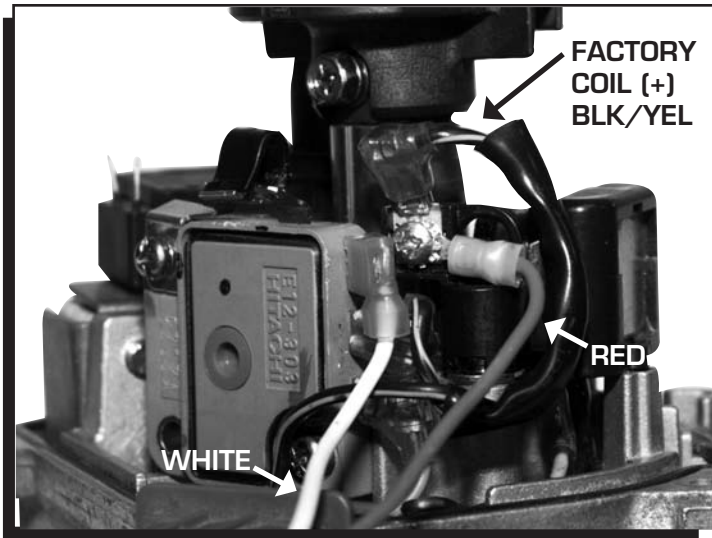


Figure 2 Wire Positions.

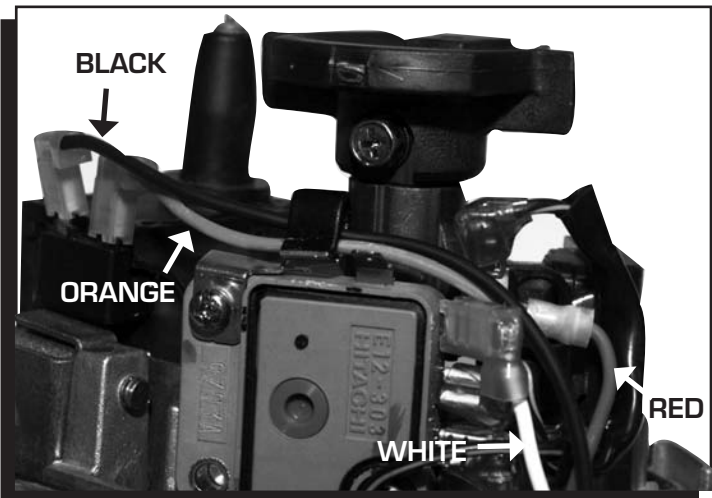


Figure 3 Routing the Coil wires.



Figure 4 Modifying the Cap.

8. Connect the supplied White wire to the available terminal on the igniter where the factory coil negative (-) wire was connected (Figure 7, 8). Make sure all the wires are routed away from any moving parts
9. Apply the supplied template to the outside of the distributor cap using a piece of tape as shown in Figure 9.
10. Using a 3/8" drill bit carefully drill a hole in the distributor cap as specified on the template. Once you have drilled the 3/8" hole remove any debris from the cap.
11. Route the four wires through the hole in the distributor cap and reinstall the cap to the distributor.
12. Apply some lubricant (WD 40) to the four wires coming out of the distributor and install the supplied rubber grommet. (Do not pull on the wires excessively while installing the rubber grommet). Slide the rubber grommet all the way into the hole of the distributor cap until the umbrella sits flush on the distributor cap (Figure 9).
13. Match the colors from the four wires coming out of the distributor to the four wires from the MSD Ignition Box (Figure 5). Connect the wires from the distributor to the wires from the MSD Ignition Box using the supplied male and female connectors.

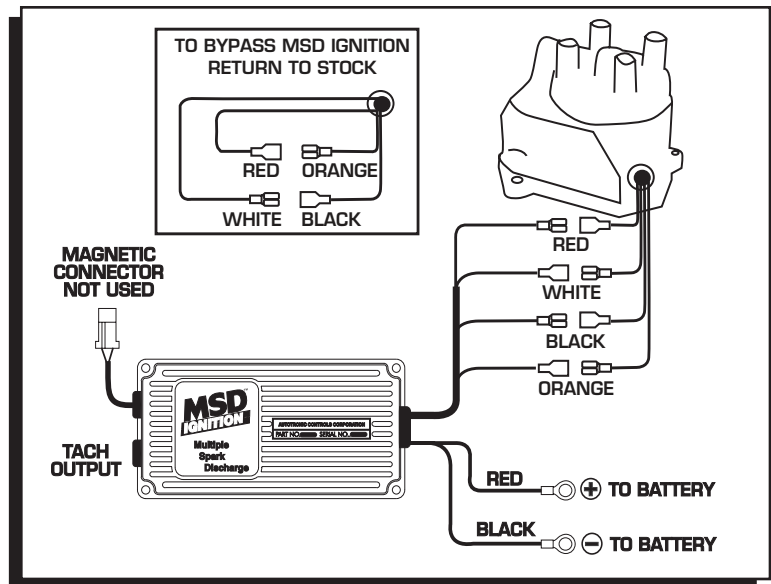


Figure 5 Wiring a Honda/Acura with Internal Coil.

13. Match the colors from the four wires coming out of the distributor to the four wires from the MSD Ignition Box (Figure 5). Connect the wires from the distributor to the wires from the MSD Ignition Box using the supplied male and female connectors.

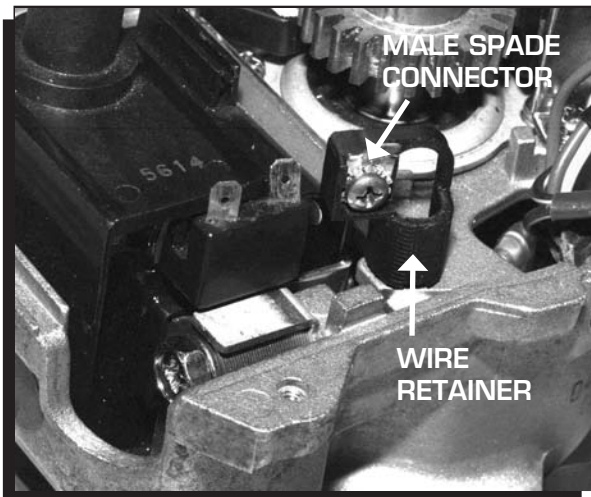


Figure 6 Installing the Wire Retainer.

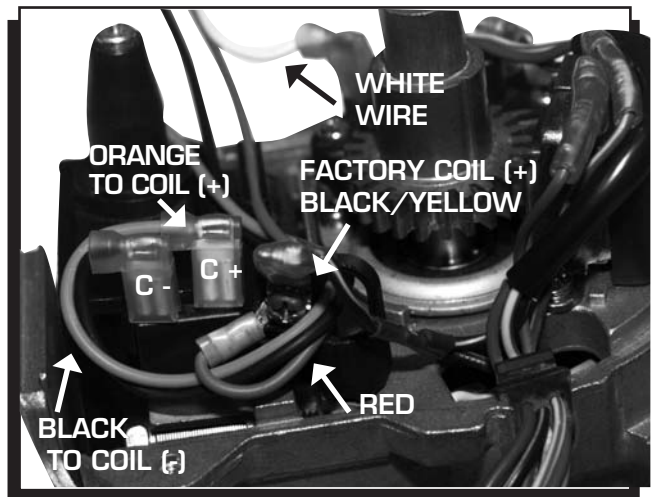
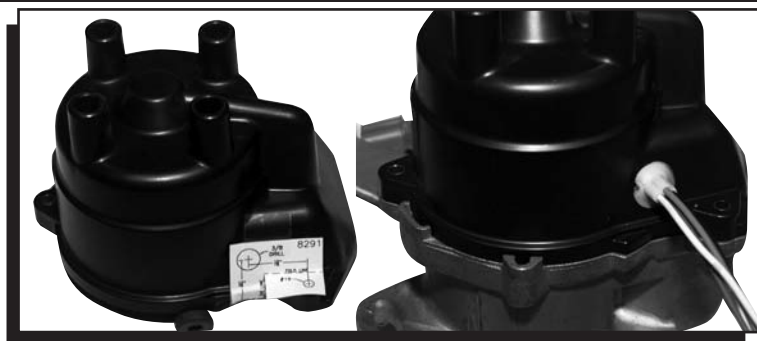
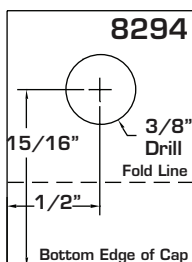
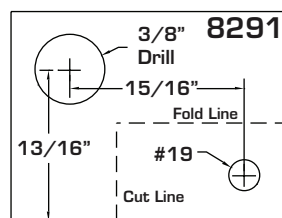


Figure 7 Routing the Wiring.

14. Install a male connector to both the Red, and the Black wires from the distributor. Install a female connector to both the White, and the Orange wire from the distributor.
15. Do the opposite to the four wires coming from the MSD Ignition Box. This will allow you to bypass the ignition box and run on the stock ignition without rewiring the distributor (Figure 5).
16. Last reinstall the spark plug wire to the distributor cap, and reconnect the battery.



Figure 8 Routing the MSD Wiring.

**Figure 9 Modifying the Cap.****HOLE LOCATION TEMPLATE****PN 8888****1998-2002 2.3L Accord/CL****PN 8888****Up to 1997 Hitachi Distributors****Templates****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.

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 (915) 855-7123 or fax a request to (915) 857-3344. Send the unit prepaid with proof of purchase to the attention of: **MSD Ignition, Customer Service - RMA #, 12120 Esther Lama, Dock 5, El Paso, Texas 79936.**

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 after receipt, COD for any charges. (Ground shipping is covered by warranty). All units are returned regular UPS unless otherwise noted. For more information, call the MSD Customer Service Line (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 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 MSD Ignition. 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 MSD Ignition be liable for special or consequential damages.