

MSD INSTALLATION INSTRUCTIONS

MSD Hall-Effect Pickup Replacement for Distributor Plugs with Cam Sync PN 2341

Parts Included:

- 1 - Pickup Assembly, 1/2-20 UNF Thread x 1.25L
- 1 - 3-Pin Metripack Connector with Secondary Lock
- 3 - Metripack Terminals and Seals

WARNING: When installing any electronic accessory or component, disconnect the battery cables. When disconnecting, always remove the negative cable first and install it last.

This is a replacement for the Hall-Effect Pickup used on the Cam Sync Distributor Plugs, PN 85141, PN 85221, PN 85061, and PN 85211. Also included is the mating connector with terminals and seals.

HALL-EFFECT PICKUP LED OPERATION

The LED is On whenever the magnet is **not** in front of the pickup. The LED turns Off when the magnet passes over the center of the pickup (approximately 40°).

SPECIFICATIONS

Accepts 5 – 18 Volts continuous

Output: Within 1.5 volts, of supply voltage, on the red wire (Signal Hi) and 0.3 volt above ground (Signal Lo).

Protected from reverse polarity, short circuit, and over voltage.

PICKUP INSTALLATION

1. Remove the old pickup by loosening the nut and unscrewing the assembly from the distributor plug.
2. Making sure the nut is installed, screw in the new pickup until it bottoms out against the magnet.
3. To obtain the air gap, back the pickup out one full turn and tighten the nut.

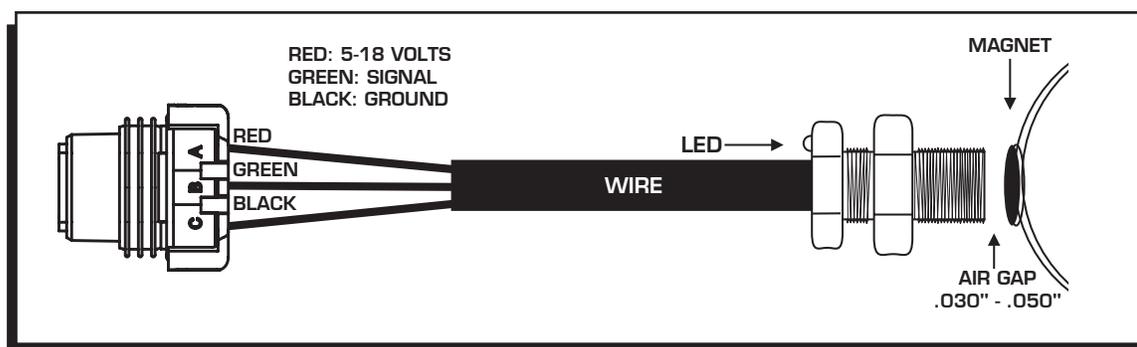


Figure 1 Installing the Hall-Effect Pickup.

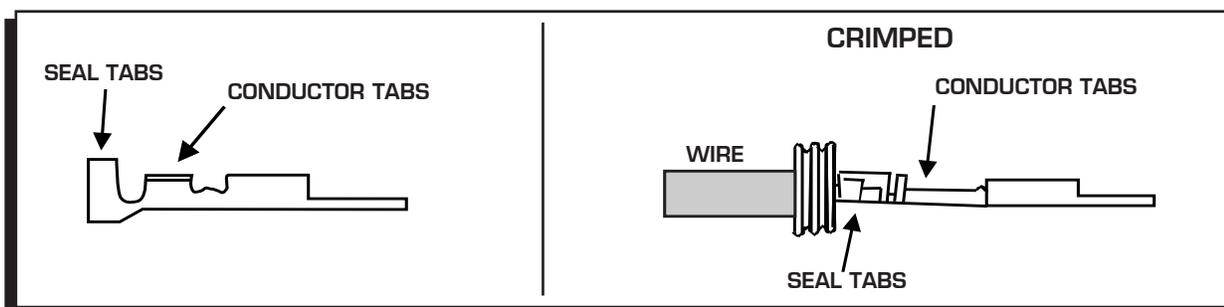
MATING CONNECTOR INSTALLATION

To install the Metripack seals, terminals, and connector (Figure 2) it is recommended to use MSD's Pro-Crimp Tool, PN 35051, with Weatherpack Dies, PN 3509.

1. Strip the wire about 3/16" and install the seal over the insulation. (For small diameter wires, strip the wire about 3/8" and fold it in half before crimping).
2. Crimp the exposed wire with the conductor crimp tabs.
3. Once the wire is crimped, crimp the seal tabs over the seal.
4. Position each wire into the connector making sure they are in the correct position as shown in Table 1. *Please note that your mating wire colors may be different from the pickup's shown in Figure 1.* Fully insert each terminal and listen for an audible click. Make sure the terminal has locked in the connector shell by gently pulling on the wire and confirming that it does not back out.
5. Install the secondary lock to the connector.

Table 1 Wiring Connector.

A	5-18 Volts
B	Signal
C	Ground

**Figure 2 Installing the Terminals.****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.msdpower.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.