

MSD INSTALLATION INSTRUCTIONS

MSD Hall-Effect Pickup PN 2348

Parts Included:

- 1 - Pickup Assembly, 1/2" x 20 x 1.25"
- 1 - Magnet and Retainer
- 1 - 3-Pin Weathertight Connector
- 3 - Weathertight Terminals and Seals

Notes:

- This pickup can be used to replace the non-magnetic pickup used in MSD's Cam Sync Distributors or as a cam sync pickup in custom installations.
- Precise machining is required when installing the MSD Hall-Effect Pickup to a cam gear or other engine component.
- The magnet must be installed with the proper polarity facing the pickup with power supplied, pass the magnet over the pickup. Polarity is correct when the magnet turns the LED off.

CONNECTOR INSTALLATION

1. Install the Weathertight seals, terminals and connector (Figure 1). It is recommended to use MSD's Pro-Crimp Tool, PN 35051, with Weathertight Dies, PN 3509.
2. Strip the sleeve of the wire back then install the seal on the wire.
3. Crimp the exposed wire with the conductor crimp tabs.
4. Once the wire is crimped, crimp the seal tabs over the seal.
5. Position each wire into the connector making sure they are in the correct position for your application.

MAGNET INSTALLATION

1. The magnet retainer is .383" diameter and requires a mounting hole be drilled.
2. Before installing the magnet, the polarity must be correct. Connect power and ground to the pickup, the LED will light. Pass the magnet over the pickup. When the LED turns off, the polarity is correct (Figure 2).

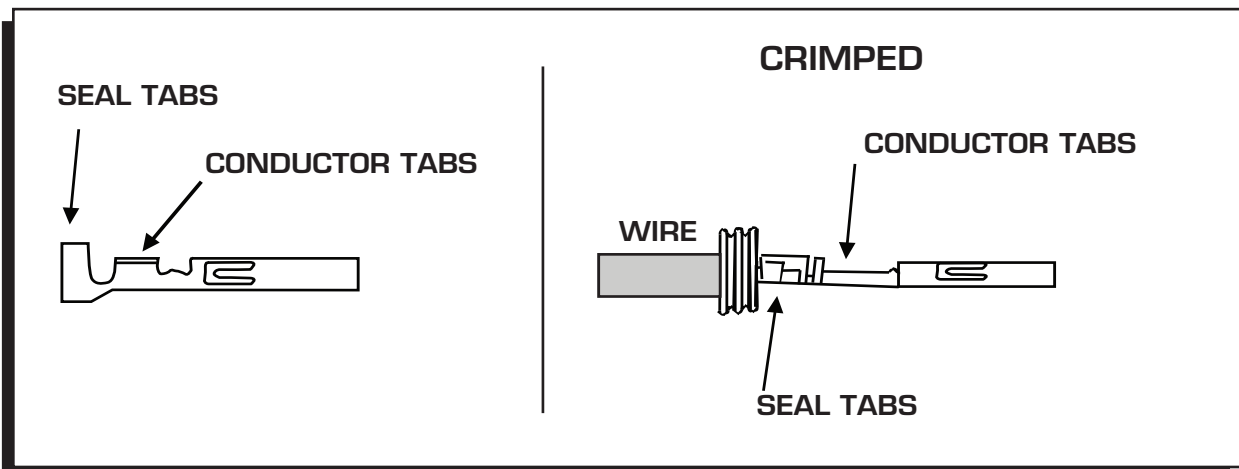


Figure 1 Installing the Terminals.

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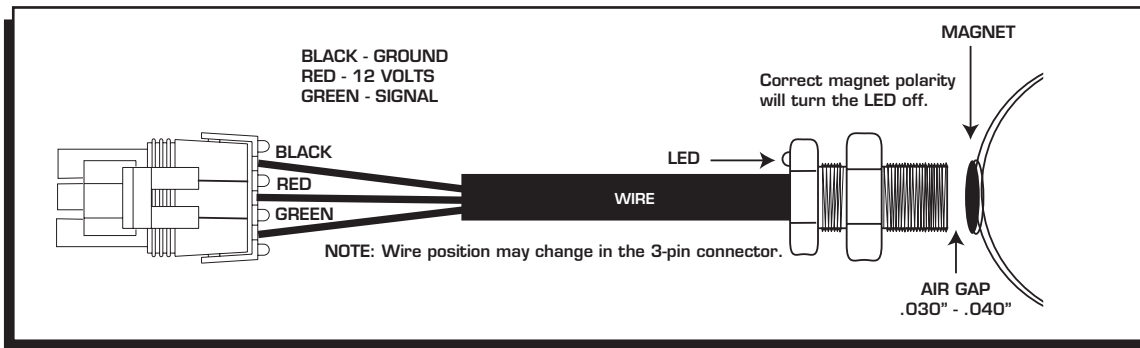


Figure 2 Installing the Hall-Effect Pickup.

LED OPERATION

The LED is On whenever the magnet is not in front of the pickup. The pickup turns Off when the magnet passes over the center of the pickup.

SPECIFICATIONS

Accepts 5 – 18 Volts continuous

Output: Within 1.5 volt on the red wire and .3 volt above ground

Protected from reverse polarity, short circuit and over voltage.

MSD CAM SYNC DISTRIBUTOR

When installing in an MSD Cam Sync Distributor, screw the sensor all the way in, then back it out one full turn.