



# INSTALLATION INSTRUCTIONS

## MSD Universal Motorcycle Trigger Pickups PN 42306

**IMPORTANT:** Read these instructions before attempting the installation!

**CAUTION:** This pickup assembly is for use with an MSD Motorcycle Ignition **only**.  
**Do Not** connect directly to coils or failure of the pickup will result.

### Parts Included In This Kit

2 - Trigger Pickups

1 - Magnet

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:** The MSD Motorcycle Trigger Pickup will eliminate all timing advance functions unless used with a mechanical advance mechanism.

The Universal Motorcycle Triggers can be used with the MSD MC-3 or MC-4 Ignition Controls. The triggers are supplied with the wiring harness, mounting screws and magnet.

### FABRICATION REQUIRED

This is a universal kit so a mounting plate and rotor will need to be fabricated. In most cases, the two pickups need to be mounted 180° apart. The magnet will need to be installed to the rotor in line with the pickups.

### WIRING

Clean, well crimped or soldered connections ensure reliable operation of the ignition system. Before making any connections, inspect all wires and their routing. Figure 1 shows the proper connections for the MSD Trigger Pickup Assembly.

Trigger Pickups	4 Pin Connector
Red	+12V to Trigger Pickups
Black	Ground to Trigger Pickups
White (Coil 1)	This wire connects to Channel #1 of the ignition.
Blue (Coil 2)	This wire connects to Channel #2 of the ignition.

### SETTING THE TIMING

In order to set your timing your mounting plate will have to have slots in order to rotate the plate clockwise or counterclockwise. In most cases moving the plate counterclockwise advances the timing and clockwise retards the timing. This will also depend on the rotation of your engine. The pickups are also slotted to equalize timing between cylinders.

### MAGNET

**Note:** The rotor must be made out of aluminum.

In the rotor that was fabricated a hole will have to be drilled approximately 1/4" in diameter and 1/4" in depth. The magnet should sit flush with the outer diameter of the rotor, with marked side of the magnet facing out. To secure the magnet in place use JB Weld or equivalent epoxy.



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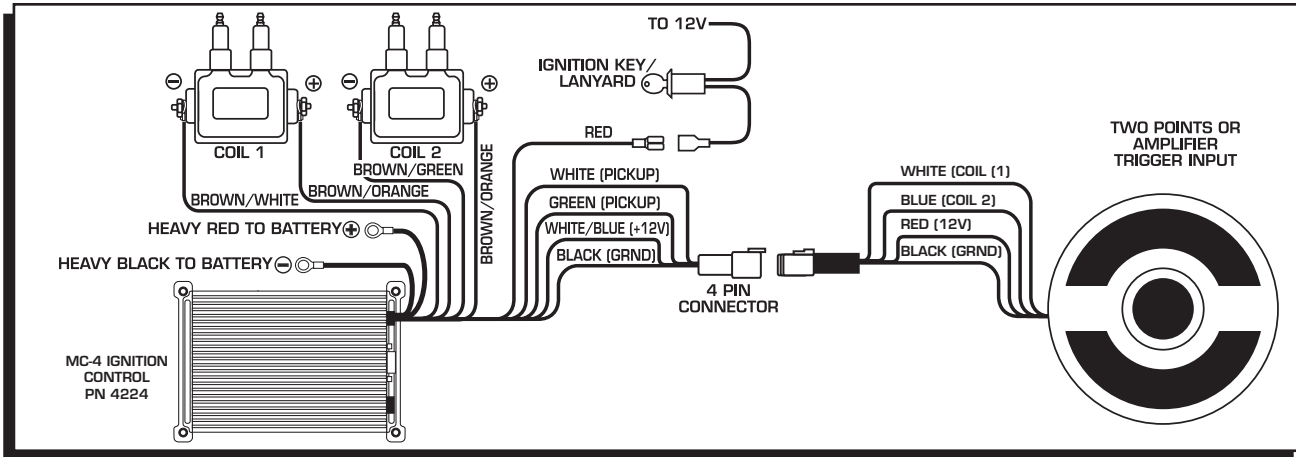


Figure 1 Wiring the MSD Trigger Pickup.