

**MSD Motorcycle Trigger Pickup,
Kawasaki, PN 15-06-4020
Suzuki GSXR 86-88, PN 15-10-4025
Suzuki GS, PN 15-10-4027**

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

1 - Trigger Pickup

WARNING: During installation, disconnect the battery cables. When disconnecting the battery, always remove the Negative cable first and install it last.

Note: The FDP Motorcycle Trigger Pickup assembly will eliminate all timing advance functions unless used with a mechanical advance mechanism.

INSTALLATION

Before installing the FDP Motorcycle Trigger Pickup, the stock trigger assembly must be removed. Refer to your motorcycle's Service Manual for the proper procedure for removing these components.

1. Remove the points/trigger cover located on the side of the engine.
2. Remove the bolt and hex washer that holds the mechanical advance assembly (points only) to the engine.
3. Remove the three screws which hold the points/trigger plate to the engine case. Disconnect the wires from the points/trigger where they attach to the OEM harness. Remove the entire points/trigger plate assembly from the engine.
4. Remove the mechanical advance assembly from the engine.
5. Remove the points/rotor cam from the mechanical advance assembly. With everything apart, it is a good idea to place a light coat of oil on the mechanical advance assembly shaft.

Note: The mechanical advance assembly is not required when using the FDP MC-4 Ignition.

6. While holding the assembly with the 1-4 position pointing up, slide the MSD rotor over the shaft. Rotate the rotor so the magnet in the rotor is located on the left side of the 1-4 position. Spread the advance weights, and push the rotor inward so that it engages to the weights. Verify that the rotor rotates freely and the advance weights operate correctly.
7. Install the advance rotor assembly on the engine. Confirm that the pin on the mechanical advance assembly engages to the pin hole on the crankshaft. Install the hex washer and bolt and torque to the manufacturers recommended specification.
8. Using the three screws removed in step 3, install the MSD Trigger Pickup Plate assembly and tighten.
9. Route the trigger pickup wires to the location where they will be attached to the MSD Motorcycle Ignition. The original grommet may be used if cut from the factory harness.

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
White/Blue	+12V to Trigger Pickups
Black	Ground to Trigger Pickups
White (Coil 1)	This wire is used to connect to breaker points or trigger pickups (Dyna* or MSD), electronic ignition amplifier output of the ECU for coil 1. (*Single Magnet Rotor Only.)
Green (Coil 2)	This wire is used to connect to breaker points or trigger pickups (Dyna* or MSD), electronic ignition amplifier output of the ECU for coil 2. (*Single Magnet Rotor Only.)

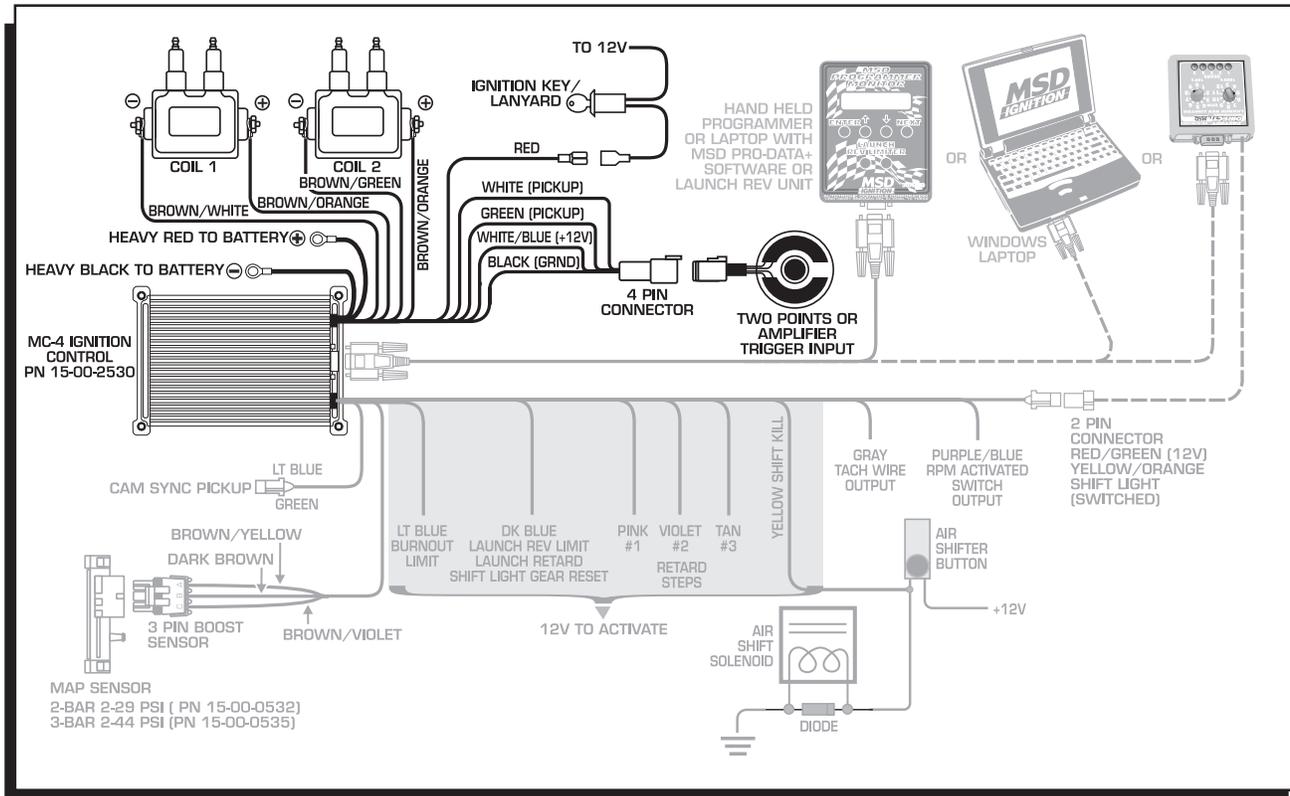


Figure 1 Wiring the MSD Trigger Pickup.

SETTING THE TIMING

The pickup on the left fires cylinders 1 and 4. The right side pickup triggers cylinders 2 and 3. The entire pickup plate assembly can be adjusted +/- 10° or each pickup can be adjusted +/- 3°. Moving the the plate/pickup counterclockwise advances the timing and clockwise retards the timing. All timing adjustments should be made using the advance timing marks which are approximately 1/2 " to the right of the "F" marks on the mechanical advance assembly.

