

MSD INSTALLATION INSTRUCTIONS

MSD Crank Trigger to Generator Cross-Over Switch PN 7990

Parts Included:
1 - Switch

This Switch allows the driver to switch between the crank trigger pickup and the pickup in the generator. This is a benefit when setting timing because the engine only needs to be started once. Racers can also use this Switch to change to a different timing setting. By setting the timing of the generator pickup a couple degrees retarded, the driver can switch from the crank trigger to a “softer” timing setting as track conditions deteriorate.

There are three different length harnesses on the Switch. They connect as follows:

Long Harness: Connects to the Generator's Magnetic Pickup

Mid-Length Harness: Connects to the Generator

Short Harness: Connects to the Crank Trigger Pickup

The Switch must be mounted on the dash panel where the Long and Mid-Length harnesses will reach their connections without using an extension harness. **Do not lengthen these wires!**

When mounting the Switch, note the flat area on the threads of the switch. When the lever of the switch is towards the flat area, the crank trigger pickup is being used (Figure 1).

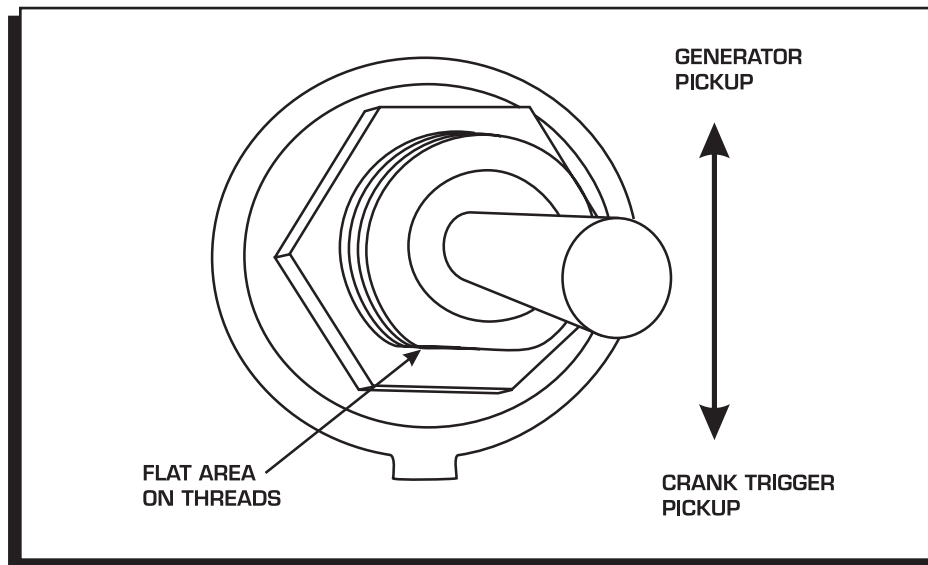


Figure 1 Switch Position.

LONG HARNESS	TO GENERATOR'S MAGNETIC PICKUP
MID-LENGTH HARNESS	TO GENERATOR
SHORT HARNESS	TO CRANK TRIGGER

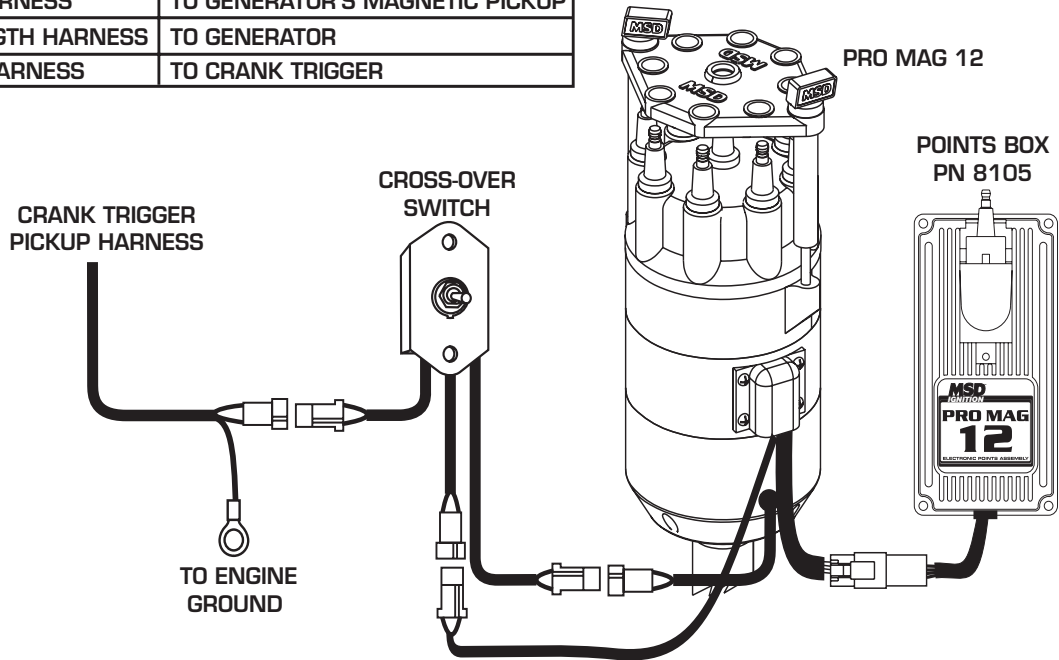


Figure 2 Wiring the Cross-Over Switch.