

## MSD RPM ACTIVATED SWITCHES

This section covers the MSD RPM Activated Switch, PN 8950, and the Window Switch, PN 8956. The PN 8950 will activate a circuit at a desired rpm by supplying or removing ground. The PN 8956 Window Switch will activate a circuit by supplying ground, then will deactivate the same circuit at a different rpm.

The MSD Switches are capable of switching approximately 2 amps continuously. If too much current or the circuit heats up over time, the Switches will shut off to prevent damage. For circuits that require more current for an extended time, MSD recommends a Relay. Page 84 shows a relay wiring example.

If no module is installed, the switch will not activate.

An RPM Activated Switch for magnetos is also available as PN 8957. It shares the same wiring as the PN 8950.

### Wire Functions

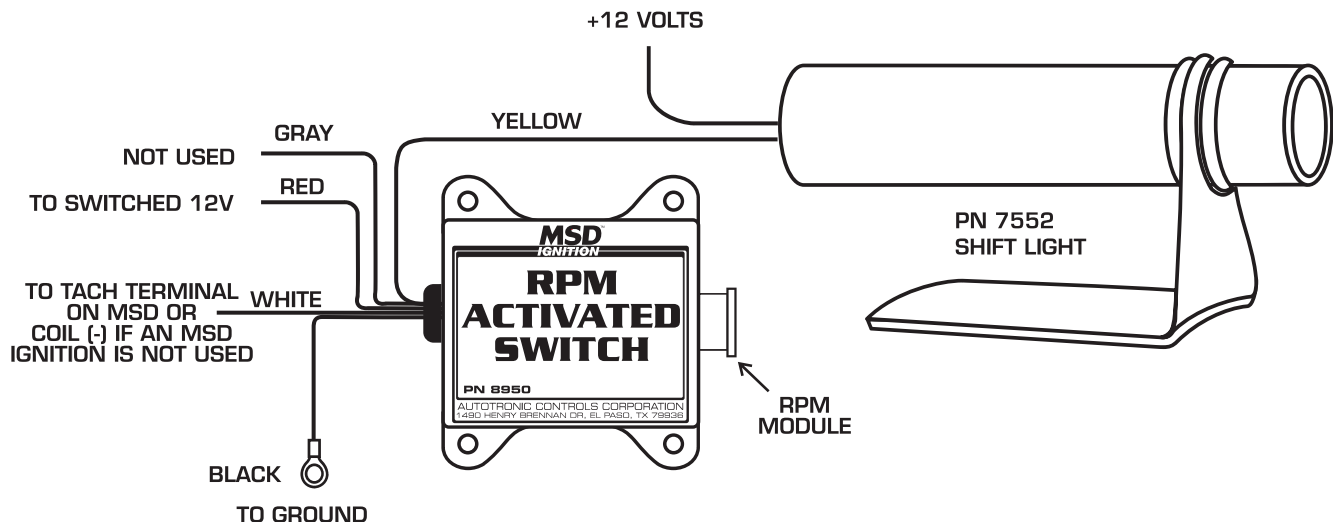
- Red:** Connects to a switched 12 volt source.
- Black:** Connects to ground.
- White:** The rpm input wire that picks up engine rpm. It connects to the tach output terminal of an MSD Ignition. When used with inductive or factory ignitions it connects to the coil negative terminal.

#### Activation Wires:

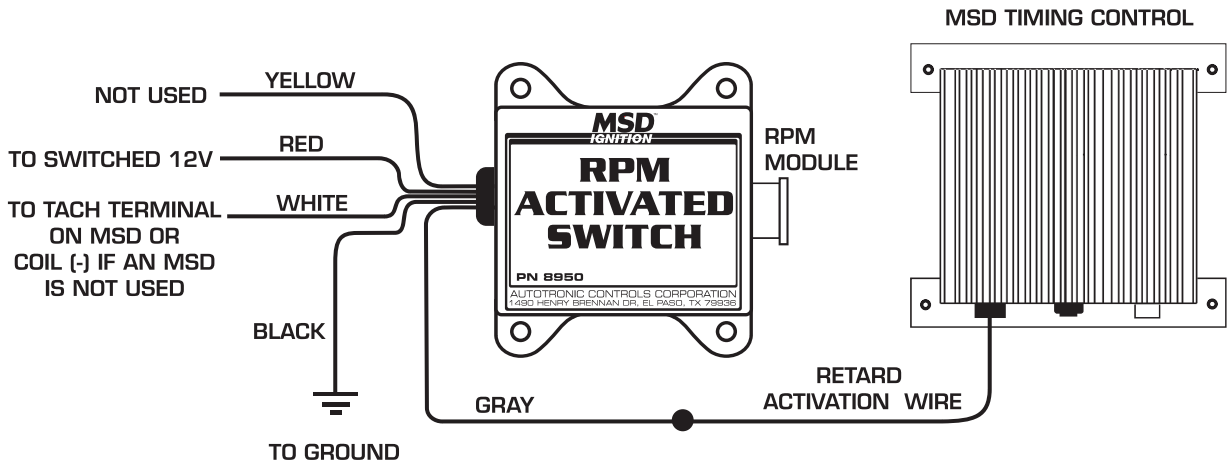
- Yellow:** This wire is normally open and will switch to ground at your desired rpm to complete a circuit.
- Gray:** This is on the PN 8950 only. This wire is normally closed to ground and will open a circuit at your desired rpm.

**Cylinder Programming Loops:** There are two wire loops, Red and Blue, on the side of the Control. For a 6-cylinder engine, cut the Red loop. For 4-cylinder applications, cut the Blue and Red loops.

## RPM ACTIVATED SWITCH TO A SHIFT LIGHT



# RPM ACTIVATED SWITCH TO TIMING CONTROL RETARD



● INDICATES CONNECTIONS

# RPM ACTIVATED WINDOW SWITCH TO ACTIVATE NITROUS

