



## Remote Changeover/Kill switch for MSD mags

The remote changeover/kill box is two gadgets in one; a device that enables remote switching between the MSD mag internal pickup and a crank trigger pickup, and also a kill feature that doesn't require heavy-duty switches, solenoids, etc. This device will also automatically kill the mag when the vehicle's 12VDC supply is turned off as occurs with a vehicle master disconnect switch. Tie-wrap the Changeover/Kill box to the side of the magneto with a bead of silicone underneath. Due to the extremely low current draw of this device, 18gauge or smaller wire is just fine for the remote functions.

The changeover and kill feature can be used separately using regular switches mounted anywhere on the car. This allows a driver to control these functions without inducing EMI/RFI noise into the critical trigger signal. Routing the pickup signal long distances can degrade and pollute it. Noise introduced into the signal can cause the points box to false trigger resulting in engine misfiring. This device allows remote switching of functions but keeps the trigger signal path as short as possible.

**WHITE PLUG** (white and green twisted pair) – Input #1 (mag pickup or crank trigger pickup)

**BLACK PLUG** (Blue and green twisted pair) – Input #2 (mag pickup or crank trigger pickup)

**BLACK SOCKET** (Purple and green twisted pair) – Output; plugs into mag harness in stock mag trigger location.

**RED** – Constant 12VDC (from 9 - 24VDC). If the voltage to the red wire is ever interrupted, the mag/motor will be killed.

**YELLOW** – The “Select” wire. With the yellow wire **ungrounded**, Input #1 is passed to the output and is utilized by the points box to trigger the ignition. When the yellow wire is grounded, Input #2 is passed to the output instead.

**ORANGE** – The “Kill” wire. With the orange wire **ungrounded**, no trigger signal is passed to the output and the ignition will be defeated. When this wire is grounded, either Input #1 or #2 (depending on the state of the yellow select wire) will be passed to the output and the ignition is live.

