

The double pole double throw relay can be used to control a number of different accessories in an automotive wiring system, however we are concerned only with controlling the nitrous system as it relates to the trans brake and full throttle launches. When wired in series with your nitrous system relay it will enable you to engage the trans brake, then go to wide open throttle without triggering the nitrous system. This is accomplished by splicing into the trans brake solenoid wiring and using this power source to activate the double throw relay. (See ILL. A)

When power is applied to this relay it breaks the circuit between the wide-open throttle switch and the nitrous system relay. Carefully splice a power source wire into the power wire leading to the trans brake solenoid. Connect this wire to the red wire on the double throw relay. Connect the white wire to a reliable ground source. Cut the existing wire that connects the wide-open throttle switch to the red wire on the nitrous system relay. Connect one end of that red wire to the blue wire, and connect the other end to the black wire from the double throw relay. The green wire is not used in this application. You are now ready to test the system.

### TESTING THE RELAY

1. In testing the system be sure the nitrous bottle is "OFF" and there is no pressure in the nitrous supply line. The fuel pump should be "OFF".
2. Engage the trans brake and engage the WOT switch. When the trans-brake is released the nitrous solenoids should "Click". If they do not recheck your wiring and test again until the system operates properly.

