

# ***Installation Instructions for 2051A Nitrous Switch***

**Note:** Designed for 4150 style carburetors without choke. This includes Holley® HP series. Bracket will work with standard and aftermarket adjustable secondary arms.

- 1.** We recommend removing the carburetor from the engine prior to beginning this step (if so installed) to eliminate any debris from entering the engine. A carburetor fixture or a vise with soft or protected jaws works best. For the past few years, Holley® has been tapping these holes with a #8-32 thread. If your carburetor is threaded simply install the bracket and tighten the screws. If not you will have to tap the holes prior to installation. Use a tap lubrication fluid to lubricate the threads. To avoid loading the tap with material, the tap should be backed off about a half a turn for each complete thread formed. Upon completion the tap is backed out of the hole and all chips are blown clear.
- 2.** Install the carburetor on the engine.
- 3.** Install the bracket and switch using the two rear most holes in the passenger side of the main body and tighten the screws.
- 4.** Test the switch for activation by moving the throttle to wide open. You should hear a click from the switch indicating activation. An alternate test method would be to use a voltage/ohm meter.
- 5.** Adjust the switch as necessary by loosening the two bolt and nut assemblies and rotating the switch on the bracket until engaged and re-tighten. Be sure to also check the carburetor secondary bracket for alignment. No binding of any sort should be present.
- 6.** Wiring is achieved by a normally open method along with the common for ground (Note: NO = Normally Open and COM = Common Ground).