INSTRUCTION SHEET
LS1 Full Throttle Billet Bracket

   Thank you for purchasing this LS1/LS6 full throttle switch and billet bracket from Nitrous Outlet. This bracket was designed to simplify the installation and operation or your nitrous system. The billet bracket can be installed onto your car in a matter of minutes, and once installed should never need readjustment. Please take the time to read the steps and tools needed to make the installation fast and worry free.

   This switch has been installed on a throttle body and set for proper operation; hence, the markings may be noticed on the front side of the bracket. This is normal. Some adjustment may be needed for your intake and throttle body combination. All adjustments are done with the switch arm.
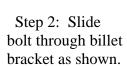
   This kit includes 1 billet bracket, 1 switch, 2 screws, 2 wire flag terminals and instruction sheet.

The tools necessary to complete this installation
1. 10mm wrench or socket/ratchet
2. Quality wire terminal strippers/crimpers

Lower lefthand bolt

Step 1: Remove the lower passenger side throttle body bolt using your 10mm wrench or socket/ratchet.

Step 2: Slide bolt through billet bracket as shown.

Bolt Placement through bracket

Throttle cam

Switch arm

Step 3: Reinstall the bracket and bolt, as shown, making sure the alignment between the throttle cam and the switch arm is straight. Use your 10mm wrench or socket/ratchet to torque to OEM mfg specs.

Wide open throttle

Step 4: After installation is complete, have a friend push the gas pedal to wide-open throttle. The throttle cam should come into contact with the switch arm right before full throttle is achieved. If the throttle cam makes contact with the arm but does not close the switch contacts at wide open throttle, simply tweak or adjust the arm so it does.

Wide open throttle switch contacts are closed, properly adjusted.

Throttle is closed, contacts are open.

Throttle closed

Step 5: Using a pair of quality wire strippers/crimpers, strip about an 1/8 inch of the insulation away from your two activation wires. Install one wire per terminal as shown. After crimping, tug on the wire: it should not come out. If it does come out you did not have a proper crimp. Reinstall and try again. Now install one wire assembly on each terminal. You are done.