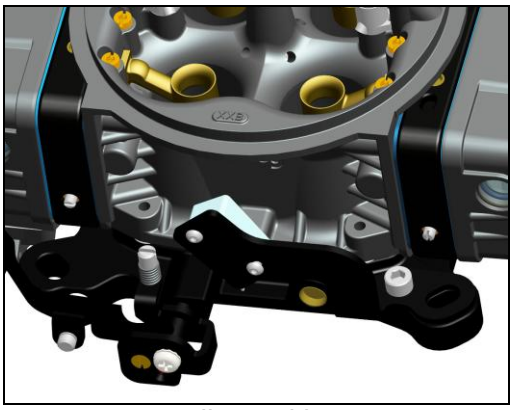
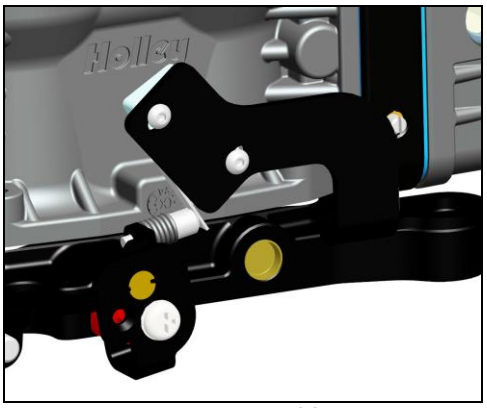
Ultra HP Microswitch Bracket
P/N 20-130

1. Loosely assemble the microswitch to the inside of the bracket using the screws and nuts that came with the microswitch.
2. Assemble the bracket to the carburetor baseplate using the supplied screw and lock washer. If the carburetor is currently mounted to the engine, first remove the nut from the mounting stud on the primary "non-lever" side of the carburetor and slide the bracket over the mounting stud.
   a. **NOTE:** Your aluminum Ultra HP carburetor may not have the drilled and tapped hole for the microswitch bracket; you will need to remove your carburetor from the engine and properly align the bracket to the carburetor baseplate and mark the center of the mounting hole. Drill and tap this hole for a ¼ - 20 UNC screw.
   b. **NOTE:** This bracket is designed specifically for use with the Holley Aluminum Ultra HP carburetor. However, it may be modified to work with other carburetor applications.
3. Adjust the microswitch to trigger at wide-open throttle by adjusting the microswitch's position. This ensures that the actuation lever of the microswitch "clicks" at the same point the throttle linkage reaches wide-open throttle against the throttle stop. When satisfied with the position of the microswitch, further tighten the microswitch to the bracket.
   a. **NOTE:** The common microswitch this bracket is designed for has an arm that can be further bent to ensure proper activation of the switch.
4. Ensure that the microswitch is activated by the accelerator pedal. Have an assistant slowly press the pedal to the floor while you listen for the "click" of the microswitch.
   a. **NOTE:** This bracket is designed to activate the microswitch upon contact with the secondary idle adjustment screw. Any adjustment made to this screw may require further adjustment to the microswitch's position.



Idle Position



WOT Position

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