

Now let's install the bracket. Place the switch assembly in the location shown in the photo at the top of the article and mark where the holes need to be drilled. Make sure that the lever is depressed when the brake pedal is up before you mark the holes. If you need to slot the holes in the bracket to make this part easier, feel free. I found that I could hold things in place and mark the hole locations with no problem. Next drill holes for the sheetmetal screws or use self-tapping screws. Mount the bracket and make sure that when the pedal is depressed you hear an audible click. A voltmeter can also be used to verify operation of the switch.



Next make the 2 jumper wires for the switch. The Alpine and Tiger both have a wiring harness junction under the dash on the driver's side which makes this solution very simple. Cut 2 wires 10" long and place a female spade type terminal on one end and a male bullet connector on the other.

Next locate the junction for the wire feeding the rear brake lights. It will be green with a purple stripe and will have either a single or double female connector like this. Disconnect one side of the junction and plug one end of the newly made wire into the junction connector. The other wire, and new female bullet connector go on the other wire. None of this is critical, you are simply creating a loop through the new switch. Finally, plug the female spade lug



ends into the micro-switch. One wire goes onto the lug labeled "COM" (common). Because the switch is actuated by the pedal releasing the lever, we need to connect the other wire to the "NC" (normally closed) terminal. Zip-tie everything nice and neat up under the dash and you can climb out of the car.



Since we are no longer using the original hydraulic brake light switch we need to make a jumper to bypass it. This is simply a 3"- 4" piece of 18-gauge wire with a male spade lug on each end. Remove the wires from the original switch, it will be on the right side of the engine compartment under the generator. Plug in the newly made jumper. I like to wrap some electrical tape around things to make sure that the jumper can't pull out or somehow make contact with a ground. Finally, zip-tie the jumpered cable to the brake line near the old switch to keep it stable.

That's it! Check to make sure that everything works as expected and you are ready to run knowing that you now have a more reliable brake light switch solution. If folks are interested in this solution but would rather not go to the trouble of making all of the parts, I am offering a kit with all needed components. I expect that the kit will take less than 1/2 hour to install.


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