

VF2

Installation instructions for The Plate Flipper

Vehicle Installation

WARNING!! (Read and agree to the following Disclaimer)

PLATE FLIPPER products are **STRICTLY** intended for **off road use only**, and should be professionally installed. **PLATE FLIPPER** should **NOT** be used while driving. Improper installation of the retractable **PLATE FLIPPER** products may result in vehicle damage. When purchasing our products you take full responsibility for all liabilities associated with the use or misuse of our products.

1: Remove license plate from your vehicle.

2: Cut a clearance opening in your bumper to accommodate the actuators and flipper assembly.

3: Take the red positive wire included in the kit and cut approximately 2 pieces 1 foot long each. Strip all 4 ends of these 2 wires. Crimp the provided spade terminals on only one end of each wire. Then insert one wire's spade terminal into any terminal of one actuator (you can insert the spade terminal into the left prong or the right prong of the actuator, either one will work). Then insert the 2nd wire's spade terminal into any terminal of the second actuator. You will then have two ends of wires that you can twist together and then put into one side of the butt connector. With the remaining red wire that you have, strip one end and crimp it in the other end of butt connector. Run this red wire (for positive) under your carpet to the front of your car where you want to mount your toggle switch. Do the same steps with another piece of red wire connecting to the second prong of both actuators and run this wire through the gasket hole to any ground screw in the rear of the vehicle (this wire does not need to run all the way to the front).

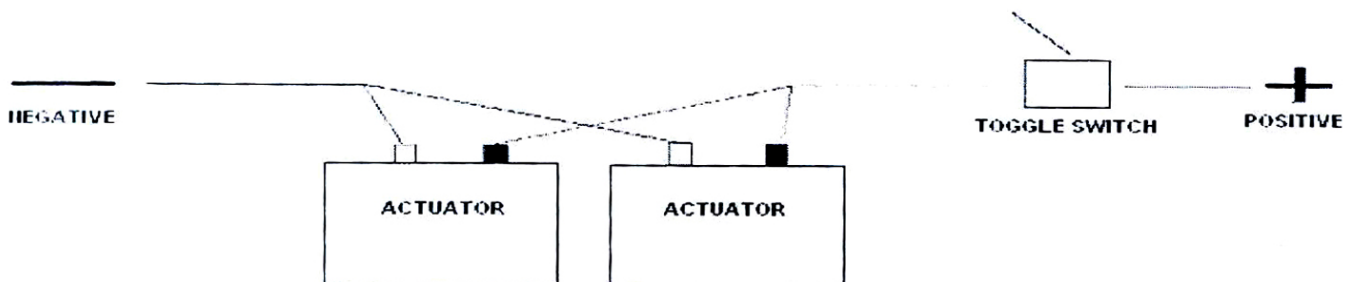
4: Now you can bolt the flipper bracket to the back of your vehicle. The bigger plate in the hinged assembly kit is the top and the thinner strip is the bottom of the Plate Flipper. At this time, you have to knock out the corresponding mounting holes tabs in the top Flipper plate to match the mounting holes in your bumper. Using the long bolts and the nylon spacers that are provided, install the bigger plate of the Plate Flipper to your vehicle. You may also have to trim the nylon spacers to the length you need. Make sure to tighten bolts snug. Also make sure that there is no slack in the wires from the actuators as they are pulled through the gasket hole so that the wires don't get pinched behind the flipper.

5: Now using the bolts provided in your kit, bolt your license plate to the bottom strip of the Plate Flipper and make sure to tighten bolts.

6: Now mount your toggle switch in the front of the vehicle wherever desired.

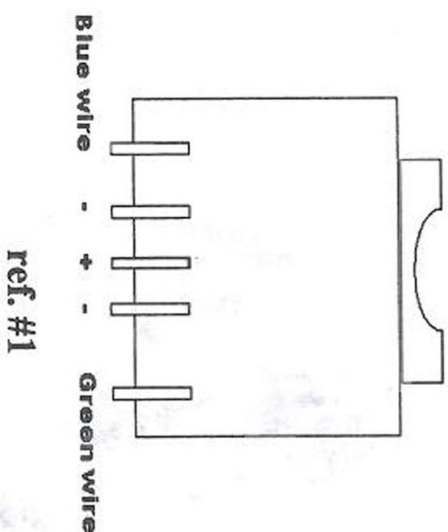
7: Wire the toggle switch so that when the light on the toggle is off the Plate Flipper is off and your license plate is in the normal position. When the light is on, the plate flipper should be in the flipped down position. Make sure to wire the positive of the toggle to a fuse in your fuse block that is a 12 volt positive (If you do this, you will not have to put an inline fuse in the wire that runs from the Plate Flipper through your car. If you decide to hook up straight to the battery you will have to put a 25 amp inline fuse within 6 inches from the positive terminal on your battery.). This way you can flip your plate flipper while the car is on or off. *** DO NOT LEAVE THE PLATE FLIPPER ON FOR MORE THAN FIVE MINUTES AT A TIME AND LET IT COOL DOWN FOR FIVE MINUTES BEFORE USING IT AGAIN. IF YOU LEAVE IT ON FOR TOO LONG, THE ACTUATORS WILL OVERHEAT AND GET DAMAGED AND WILL NO LONGER WORK*****

8: You can now put your sticker or decal behind your license plate on the Plate Flipper's black surface and **EXPRESS YOURSELF**.

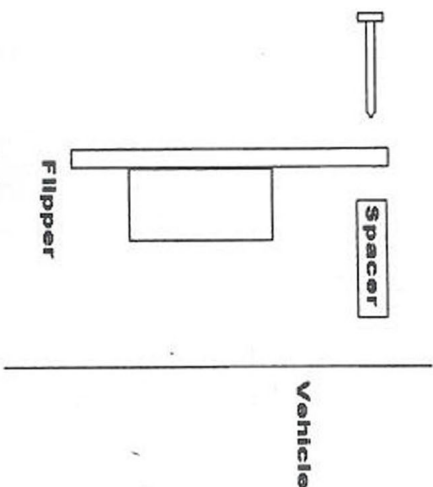


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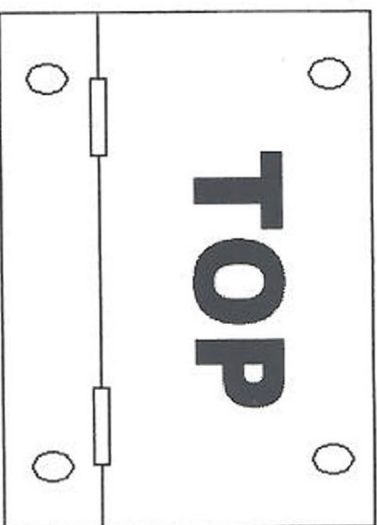
Toggle switch



ref. #2



ref. #3



Bolt on instructions

- 1: Wire toggle switch according to the ref. #1 and mount switch in an easy to reach location from the drivers seat.
- 2: Remove license plate from vehicle.
- 3: Using the long bolts and the spacers mount the plate flipper to the vehicle (ref. #2) in the factory holes previously used for the license plate.
- 4: Mount license plate to the Plate Flipper utilizing the bottom holes of the license plate and the bottom of the Plate Flipper.
- 5: **Tip: mount toggle switch so that the up arrow point upwards for flipping the plate up.**

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