



Blue Star Machining Installation Manual for Side-View Mirror Switch Extension-Toyota Style (SVMSE-TOY)



Thank you for purchasing a Blue Star Automotive Switch Extension for your adaptive vehicle. With the installation of a Blue Star side-view mirror switch extension, those with various upper body dexterity challenges will be able to increase control of automotive side-view mirror adjustments with relative ease. Once professionally installed, the switch extension will function as a leverage bar on the rotating switch that easily moves side to side or pushed down with clinched fingers, hand palms or orthopedic body extensions.

Technical Note

This switch extension is primarily designed for current and late model Toyota Vehicles that are equipped with a 0.070 inch diameter side-view mirror adjustment switch post. There are other vehicle manufacturers with models that have similar switch posts. As long as the post diameter is smaller than 0.070 inches, this switch extension should operate with the same level of success on different vehicle makes and models.

Note: The material your switch is machined from is a high-quality type of plastic called Delrin® made by the Dupont® Corporation. For a practical explanation, that means this material is much stronger and more stable than 3D printer plastic. Delrin® will not melt in a hot car nor will it retain heat and burn fingers when left sitting in the hot sun.

- If sizing help is needed: Please contact Blue Star Machining and identify to us the diameter of your rotary switch so we can recommend the correct length screw you need.

Before Installing the Switch Extension

Blue Star Machining strongly recommends your automotive switch extension(s) be installed by a qualified auto mechanic that specializes in adaptive equipment for physically disabled drivers. As there are varying degrees of abilities among potential users, Blue Star Machining recommends checking with your physician or physical rehabilitation counselor before using any automotive switch extensions. It is your responsibility to make certain this product is appropriate and safe for you to use and operate. Blue Star Machining will not be responsible for careless operating and shall in no event be liable for any incidental or consequential damages with respect to economic loss, injury, or damage to property.

Installing the Switch Extension

- 1) Before installing the switch extension, first take time to clean the adjustment gymbble with rubbing alcohol or another suitable detergent. It is important to remove any oils or dirt build up on all contact surface areas before the screw is torqued down and the extension is in place.
- 2) Align the switch extension to the top portion of the post. Making sure it mounts near the top portion of the gymbble. (See Fig. A)

While using the included allen hex key, turn the set screw snugly while only compress the silicon grip pad to not much more than 50% of its thickness. Take care not to over tighten the set screw as this can easily strip the allen hex key.

