

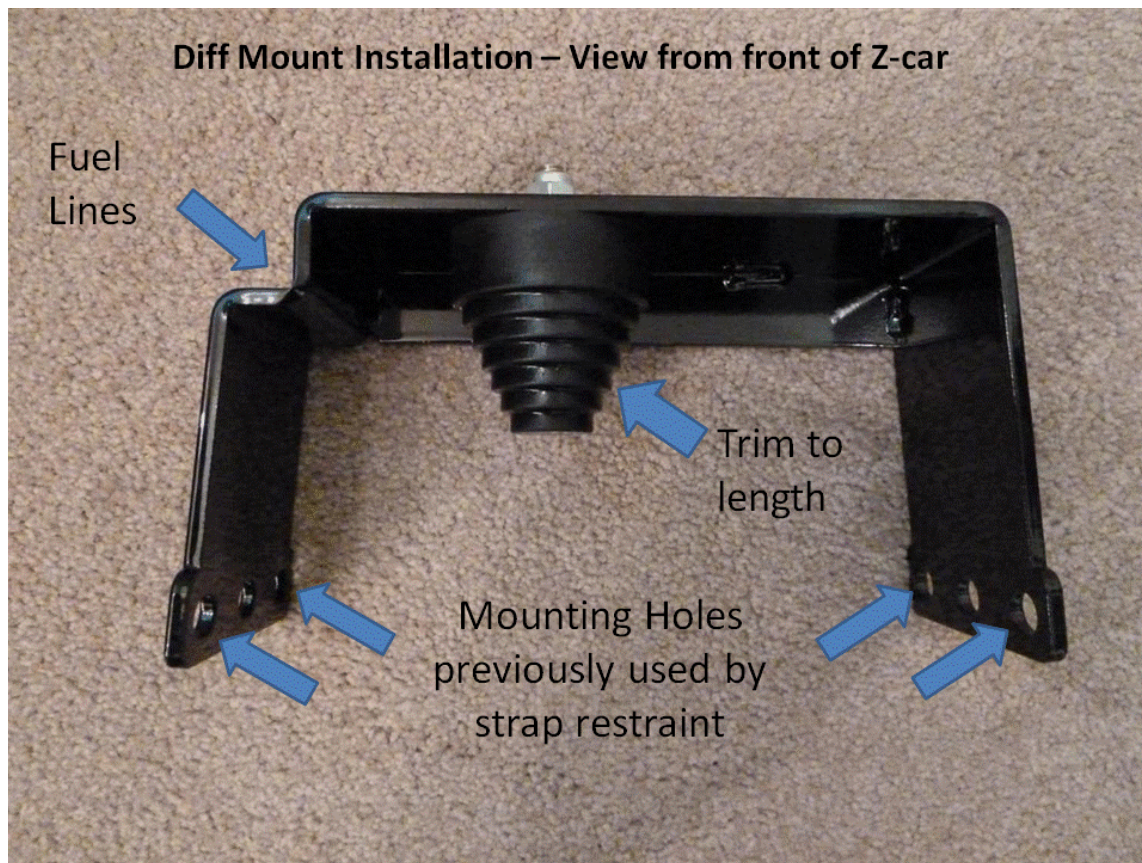
# Diff Mount Installation Guide

If you have your differential removed, that's the ideal time to install the Diff Mount since you have full easy access to its final location. Alternatively, you may need to unbolt the original front differential mount to allow the differential to swing down slightly in front for easier access

## Standard Diff Mount with Snubber

To install the TechnoVersions Diff Mount, it is first necessary to remove the factory differential restraint strap.

With the strap removed, and the snubber removed from the mount, position the diff mount into place and loosely install it with the four bolts previously used by the strap. The orientation is as shown below. In most installations, the two outer holes are used to bolt it to the strap restraint holes. It may be necessary in some cars (e.g. 280Z) to remove a clip on the side of the hump that interferes with the diff mount.



Measure the distance from the bottom of the diff mount to the top of the differential, and trim the snubber to the length you have measured. It can be cut with a hack-saw, or grinder. In

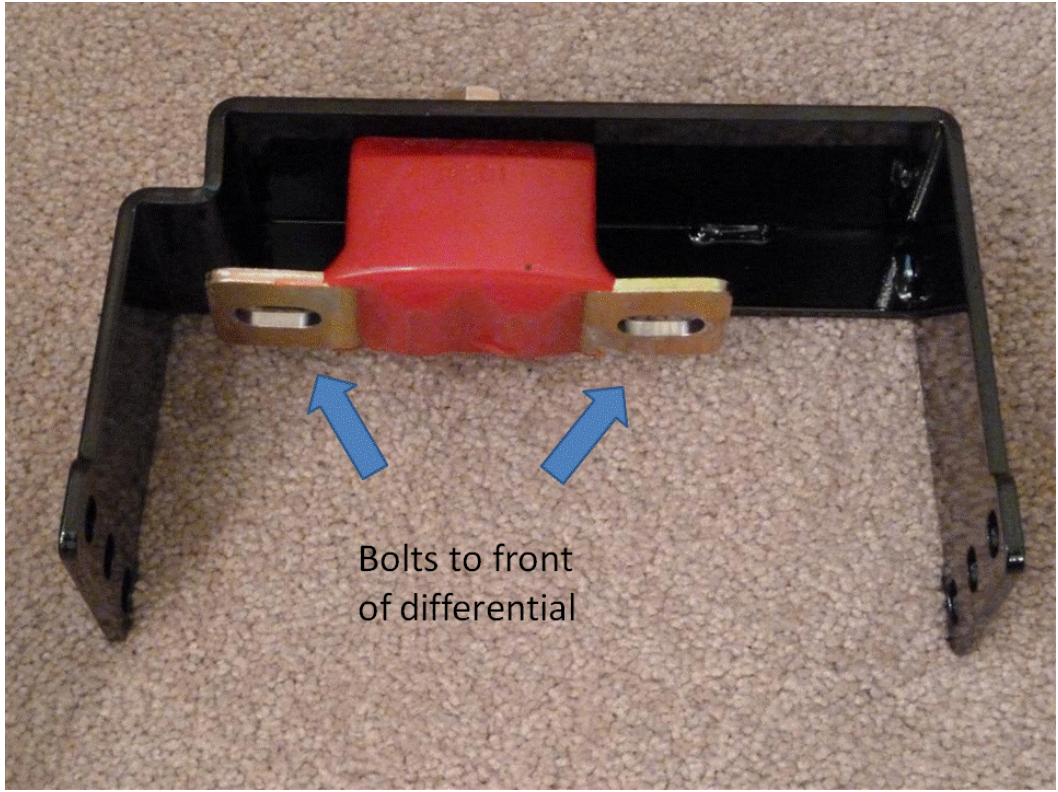
most installations, approximately the bottom two "bumps" are removed, but measure first since variations from car to car can be significant. The snubber should lightly brush against the differential. If you accidentally cut it too short, it can be shimmed with washers between the diff mount metal and the snubber.

Once you have trimmed the snubber to length, remove the diff mount, permanently bolt in the snubber, then reinstall the unit in your Z-car, this time securely tightening the bolts holding it to the hump. In most cases, you will find that a fuel line clamp, above the diff mount, needs to be loosened and moved forward enough to clear the new diff mount, then retightened.

### **Diff Mount with Energy Suspension Top-Mount**

If the diff mount with Energy Suspension mount is used, installation is slightly different. In this case, the factory restraint strap and lower factory differential mount are both removed and not used.

Install the Energy Suspension mount to the diff mount as shown below. It is possible to twist apart the Energy Suspension mount as the top bolt is installed. But that can be avoided by holding the top sides of the mount with channel-lock pliers as the top bolt is installed. Some find it easier to loosen the differential rear bolts to allow the differential to pivot down during installation, and it can also be helpful (but not absolutely necessary) to disconnect the drive shaft during installation. Depending on your differential, it may be necessary to install spacers between the mount and the differential, or to grind some of the rubber between the two mounting holes of the mount to provide a radius for the differential.



**Recommended Bolt Torque**

\*ES is Energy Suspension top-mount

Fastener	Torque (foot-lbs)
Nose of differential to ES* top-mount	50-55
ES* top-mount bolt to bracket	35-40
Snubber bolt to bracket	20-25
Bracket to holes in tunnel (M10-1.25)	25-30