



1992-2017 Dodge Viper Spherical and Delrin Rear Lower Shock Mount Bushings

Overview:

The OEM lower rear shock mount bushing is rubber which deteriorates over time and provides inconsistent response. Replacing the rubber with a spherical or Delrin bushing allows for consistent, smooth response without deflection or deterioration. Spherical bushings allow a full range of unrestricted motion in all directions to accommodate any suspension geometry. The result is improved cornering consistency on track equating to more reliable handling response.

Compatibility:

The bushing assemblies are available for any 1992-2017 Viper.

Construction:

The brackets are manufactured from type III hard anodized aluminum and high strength cadmium plated 4340 steel. Spherical bushings are aerospace / motorsport grade PTFE spherical bearings and are sealed from the elements to protect from dirt ingress.



Rear Lower Shock Mount Delrin Bushing Assembly

Weight:

A set of 2 Delrin bushings are ~0.54 lbs lighter than the OEM bushings. The spherical bushing assemblies weigh approximately the same as the OEM assembly.

Ordering Information:

<http://www.dougshelbyengineering.com/>

DSE-VP-DB-004 // Set of 2 Delrin Rear Lower Shock Mount Bushing Gen III/IV/V

DSE-VP-DB-005 // Set of 2 Delrin Rear Lower Shock Mount Bushing Gen I/II

DSE-VP-DB-006 // Set of 2 Spherical Rear Lower Shock Mount Bushing Gen III/IV/V

DSE-VP-DB-007 // Set of 2 Spherical Rear Lower Shock Mount Bushing Gen I/II

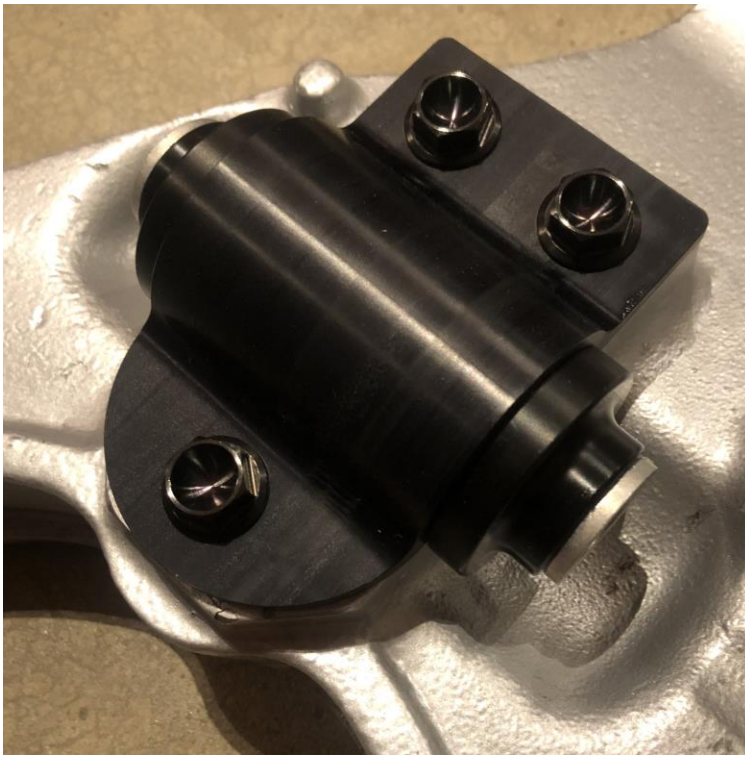
Installation Guide:

OEM Bushing Removal

1. Consult the service manual for detailed instructions on the specific model year in question.
2. Raise and support vehicle. It will be necessary to remove the rear wheels for bushing installation if the suspension is not already removed from the vehicle.
3. Loosen the nuts and remove the three bolts attaching each shock mount bushing to the lower control arm.
4. Remove the nut that clamps the lower shock to the bushing. Depending on year and spec the upper shock bolt may need to be removed as well or at minimum loosened. The entire shock may need to be removed depending on the year and spec. Consult the service manual for specific details on the vehicle.
5. Remove the rear lower shock mount assembly.

Bushing Installation

1. Inspect and clean the area of the control arm that seats the shock bushing.
2. The Delrin bushing comes pre lubricated and held together with a tywrap. Remove the tywrap once ready to install. Take care that the steel bushing inserts do not slide apart and out of the assembly.
3. Seat the shock mount into place on the control arm and reinstall the bolts/nuts. Tighten in a rotating pattern (as it were a wheel) starting with the single bolt and moving around making things progressively tighter. Tighten to 60 lb ft.
4. With the bushing in place reinstall the lower and upper shock mount bolts. Consult the service manual for specific instructions and torque.
5. For the Delrin bushing only tighten shock bolt at intended ride height, loosen when adjusting suspension and alignment settings per the service manual.



Lower Shock Mount Bushing Installed In Lower Control Arm

Inspection and Maintenance:

Periodically inspect the bushing and hardware to ensure nothing is loose or damaged.

Thank you for your purchase!

Your business is appreciated! Customer satisfaction is our top priority! Don't hesitate to contact us with any questions or feedback. Word of mouth is the best form of advertising so if you are satisfied please spread the word!

Disclaimer of Liability:

Doug Shelby Engineering assumes no liability expressed or implied for the improper installation or use of this product or its components.

Doug Shelby Engineering is NOT responsible for any damage, consequential or otherwise for equipment failure after installation.



Spherical Lower Shock Mount Bushing

Vehicle Modification:

Modification of your vehicle with the parts identified above may alter its stock performance; the buyer hereby expressly assumes all risks associated with any such modification.

Disclaimer of Warranty:

Seller disclaims any warranty express or implied with respect to the parts sold hereby whether as to merchantability, fitness for particular purpose, or any other matter.