



## 2013-2017 Dodge Viper Transmission Mount

### Overview:

The aluminum crossmember is stiffer and lighter than the OEM steel crossmember. The varied hole pattern is compatible with the polyurethane transmission mount adapter kit from DSE.

### Compatibility:

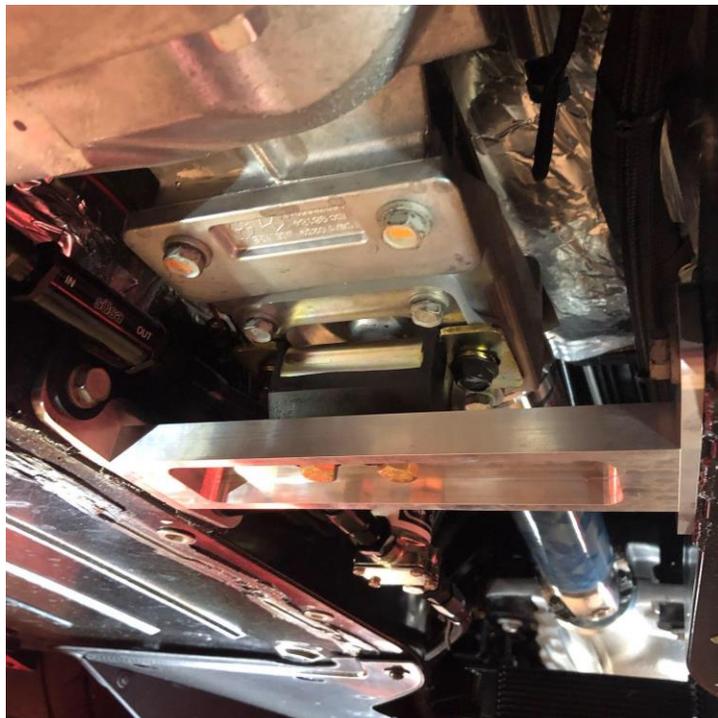
These parts will fit any 2013-2017 Viper.

### Construction:

The brackets are made from hard anodized billet aluminum and all hardware is high strength steel. The polyurethane transmission mount is constructed with an internal mechanical lock meaning it will not separate should damage occur to the polyurethane.

### Weight:

The crossmember itself saves about 0.7lbs from the steel crossmember (OEM 05037263A).



***Transmission Crossmember and Polyurethane Mount Installed***

### Ordering Information:

<http://dougshelbyengineering.com/Viper.html>

DSE-VP-TM-002: Gen V Viper Aluminum Transmission Crossmember ONLY, (0.7lbs lighter and stiffer than OEM)

DSE-VP-TM-003: Gen V Viper Polyurethane Transmission Mount Kit - Includes crossmember, poly mount, adapter

### Installation Guide:

#### *Crossmember Removal -*

- Remove the belly pan and support the transmission to allow weight to be taken off the crossmember.
- Remove the 2 bolts connecting the crossmember to the OEM rubber mount.
- Remove the 4 bolts connecting the crossmember to the frame.
- Remove the OEM crossmember. If not installing the polyurethane kit, install the DSE crossmember now.

#### *Polyurethane Mount Installation -*

- Remove the 4 bolts that connect the OEM rubber mount to the transmission bracket.
- Install the polyurethane mount assembly using the new shorter bolts provided in the kit.
- Do not completely tighten the bolts as alignment adjustments may be needed.

#### *Crossmember Installation -*

- Fit the new crossmember in place.
- Install the 2 bolts connecting the crossmember to the OEM rubber mount, adjust the position of the mount as needed to align the holes to the slots on the crossmember (4 transmission bolts can be loosened if not already).
- Install the 4 bolts connecting the crossmember to the frame.
- Once fit is satisfactory, tighten all bolts to spec.
- Larger crossmember bolts can be torqued to 61 N-m (45 ft. lbs.);  
The 4 smaller transmission mount bolts should be torque to 41 N-m (30 ft. lbs.);

**Inspection and Maintenance:**

- Periodically inspect the crossmember and polyurethane mount for signs of wear or damage and replace if necessary.



**Polyurethane Mount Installed**

**Thank you for your purchase!**

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