



2016-2017 Dodge Viper ACR Front Wheel Debris Deflectors

Overview:

The OEM Carbon Ceramic Matrix brake package size results in low clearance for the front OEM and aftermarket 18" wheels. This clearance and the shape of the brake caliper cause a "trap" for rocks and debris to get stuck and scratch or score the brake caliper and wheels. This damage can be cosmetically unsightly or worst case dangerous depending on the depth of the wheel scoring.

The debris deflectors fill in the void of the caliper and provide a shape that deflects larger debris and reduces risk of any smaller debris that happens to pass through from getting stuck with a fall away profile.

Compatibility:

The caliper studs will fit the 2016-2017 Dodge Viper ACR carbon ceramic brake calipers. The deflector does not extend beyond the diameter of the caliper so in theory should clear any wheel that fits with the brake calipers. Clearance has been tested for OEM ACR 19" wheels and Forgeline GTD1 Viper 18" wheels. Clearance should be tested for any alternative wheel setup.

Construction:

The deflectors are constructed from hard anodized aluminum with stainless steel hardware.

Ordering Information:

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

DSE-BR-DD-001: 2016-2017 Dodge Viper ACR Front Wheel Debris Deflector

Installation Guide:

- Installation is easiest with access to both sides of the brake caliper and the car raised.
- Installation is possible with the wheel installed but is easier with the wheel removed.
- Remove the locking clamps from either side of the deflector.
- Loosen the deflector main screw to install Loctite onto the threads. Tighten back to allow for a $\sim 1/8"$ gap in the assembly for easier installation.
- Install the locking clamp on one side of the caliper hard line as shown.
- Fit the assembly to the caliper. Press the clamp in place and ensure it is fully seated.
- Apply Loctite to the socket cap clamp screw and carefully thread into the assembly. Leave slightly loose until both sides are installed.
- Repeat clamp installation for the other side. Some caliper variance might make alignment more difficult, loosen main assembly screw as needed to allow for larger variations.
- Tighten all 3 screws once installed.

Inspection and Maintenance:

- Periodically do a visual check to check for damage, ensure all screws are in place and, confirm the assembly is still tight.



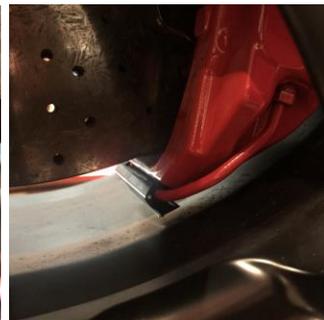
Debris Deflector Assemblies



Assembly Prepared for Installation



Clamp Installed





Example of Scoring Damage on Caliper and Wheel

Thank you for your purchase!

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

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