



Part# EZ-C01
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Every EZ Shields part allows the Car Enthusiast to showcase their fabrication skills while leveraging EZ Shields design expertise!

Installing the EZ Shields starter/solenoid heat shield

Designed to fit: Chevrolet Small Block 1965 - 1997
262ci, 283ci, 302ci, 305ci, 307ci, 327ci, 350ci, 400ci.
Chevrolet Big Block 1965 - 1976
396ci, 402ci, 427ci, 454ci, 502ci, 572ci.

Step 1: Orient the EZ Shield with the extended rear support leg on the left side and downward as shown in Figure A.



Figure A

Questions:

Review the FAQ section of the ezshields.com website for answers to the most frequently asked questions about our products!

Step 2: Roll a curvature into the portion of the heat shield that will cover the solenoid. Fit the curve to the shape of the starter solenoid (See Figure B).



Figure B



Figure C

Tip: It works well to form the curvature over the top of an aerosol spray paint can.

Step 3: Using a pair of pliers, bend both the small tabs to 90 degrees (see Figure C). Adjust the curvature formed in step 2, so that the tabs fit over the exposed ends of the 2 bolts that attach the solenoid to the starter.

Step 4: Install the shield onto the starter solenoid to verify fit. Install a nut onto the extended threads of each solenoid attachment bolt to hold the shield in place. Confirm that there is a consistent air gap between the shield and the solenoid. Remove and adjust the curvature as required to maintain an air gap between the shield and the solenoid.

Tip: If the existing solenoid attachment bolts are too short, they can be replaced with bolts that are 3/4" long to ensure threads will extend enough to allow a nut to be installed.

Step 5: Remove the shield from the starter and bend the extended rear support leg downward to a 90 degree angle. (as seen in Figure D and Figure E). The shield can now be installed onto the starter a final time, reviewing the fit and tweaking as required to maintain air gaps. Tighten all attachment bolts securely.

Tip: It works best if the starter has a bolt with a stud extension at this rear support position. Sometimes the stud may be on the lower case attachment bolt. If a stud is desired, the upper bolt could be swapped for the lower bolt or a stud style bolt can be taken from a donor starter.



Figure D



Figure E

Step 6: Trial fit by installing the starter into the vehicle. The shield material is flexible enough to dissipate heat quickly and allow bends to be placed in any position that will be needed to clear motor accessories like headers, etc. For maximum efficiency, maintain a min. 1/4" clearance between the shield and any motor part. After installation is complete the shield will appear as shown in Figure F.



Figure F

Additional questions or concerns:

Feel free to contact the EZ Shields technical team at tech@ezshields.com with any additional questions or concerns. We love to get feedback concerning our products.

Important Note: To avoid chafing the starter wiring, ensure that the wiring is kept clear of the shield edges as the starter is being reinstalled into the vehicle. Use wire tie wraps to limit wiring movement.