

Classic "Fuelie" Air Cleaner Assembly Installation Instructions

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General Installation Notes:

Please read these instructions completely before beginning the installation. If you have any questions, please call.

Before beginning the installation, disconnect the negative battery cable and use wheel chocks to block the vehicle's wheels.

Refer to Fig. 1 for the component names.

NOTE: This air cleaner assembly is loosely based on the 1963-65 "Fuelie" Corvette air cleaner. It is NOT a direct fit, bolt-in, ready to install item for any particular application. Modification will be required.

Step 1: Install the rubber bellows onto the throttle body, and tighten the clamp on the throttle body end.

Step 2: Determine where the fresh air inlet will be located, and where you want the air cleaner housing to be placed. Temporarily position the air cleaner housing in the engine bay where you would like it, using straps, wire, or another method to hold it in position. In the final installation, it is strongly recommended that the air cleaner housing be supported by a fabricated bracket of some sort (not included).

Step 3: The kit contains a 45° elbow and a 90° elbow. Determine which one will work best in which location on your application, and how the elbows need to be oriented. It will likely be necessary to shorten or otherwise modify one or both elbows.

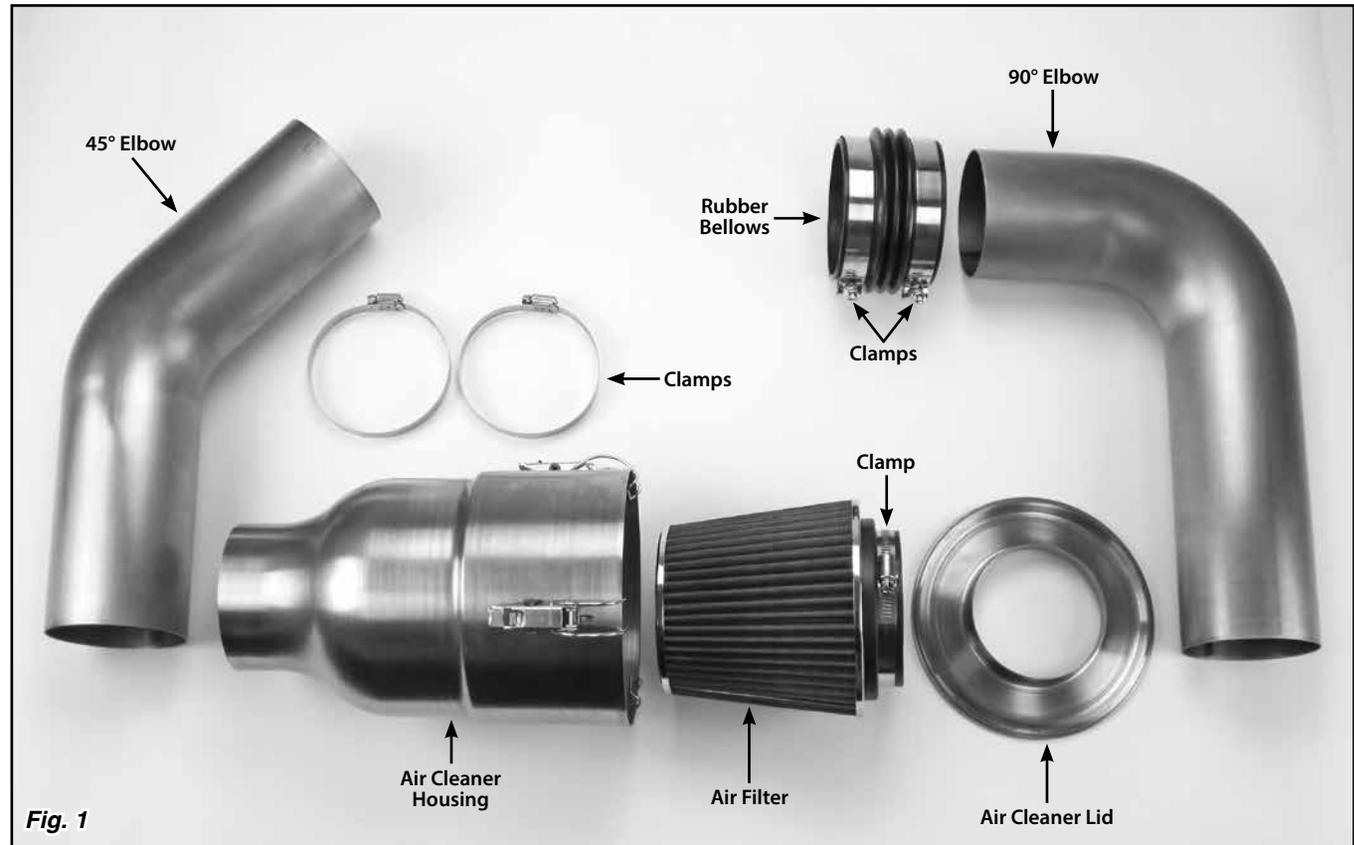


Fig. 1

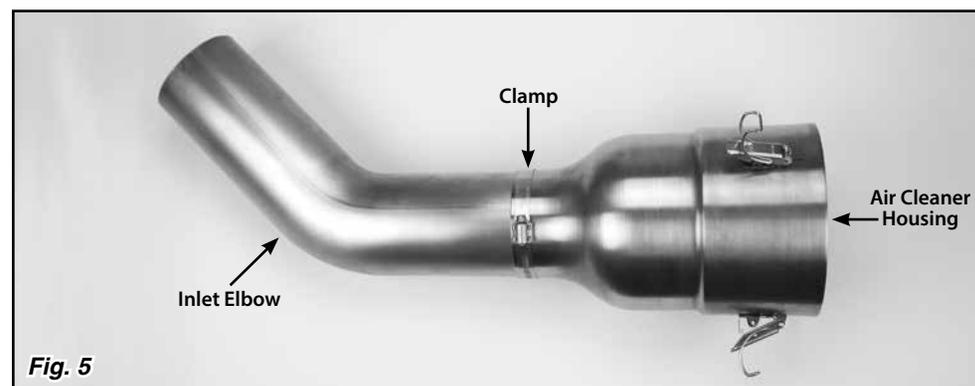
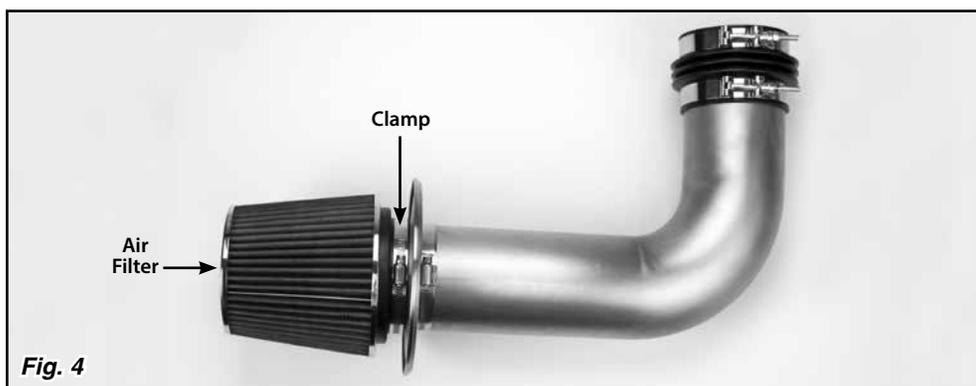
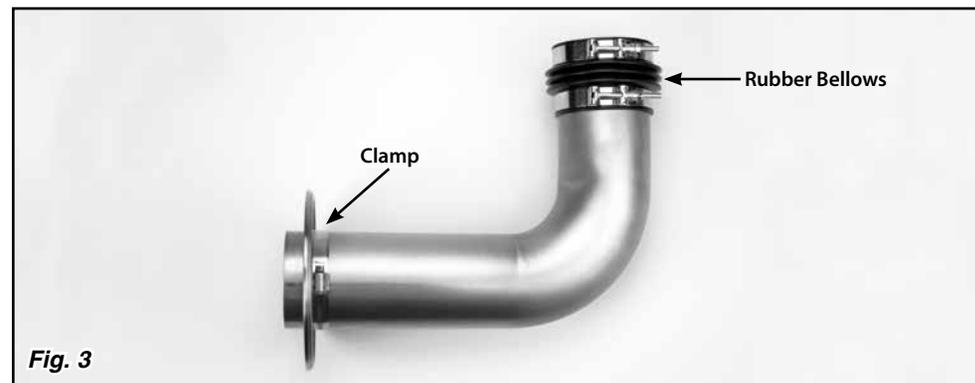
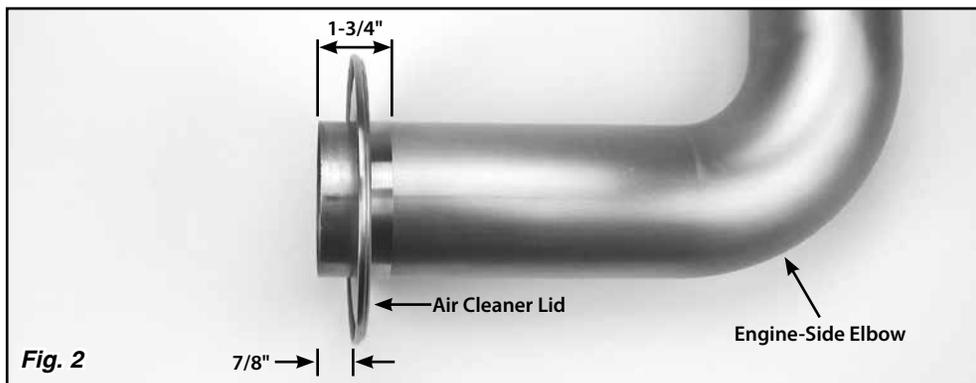
Step 3, continued: Keep in mind that the engine-side elbow needs to extend into the air cleaner housing a minimum of 7/8", or approximately 1-3/4" beyond the edge of the lip of the air cleaner lid, for the air filter to clamp onto. **Fig. 2**

There should be approximately 3/4" - 1" of the inlet elbow inside the air cleaner housing if using a clamp on that joint.

Step 4: Cut out the opening for the fresh air inlet if it doesn't already exist. Make any and all necessary modifications to the elbows and air cleaner housing, and build any necessary support brackets. This will likely require being mocked up and test fitted several times.

The elbows may be welded to the air cleaner housing and air cleaner lid instead of using the provided clamps, if desired. If you will be using the clamps, cut two or more slits approximately 5/8" long in the small diameter lip of the air cleaner lid and the smaller diameter (inlet end) of the air cleaner housing, to allow the clamps to work.

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Final Installation:

Step 5: If using a clamp on the air cleaner lid joint, install the clamp onto the engine-side elbow. Install the air cleaner lid onto the engine-side elbow, with the inner diameter lip pointing towards the throttle body. Make sure you have at least 7/8" of the elbow protruding beyond the air cleaner lid.

Tighten the clamp (if applicable).

Step 6: Install the engine-side elbow into the rubber bellows, and tighten the clamp. **Fig. 3**

Step 7: The air filter comes pre-oiled. Remove the 3" and 3-1/2" rubber adapter rings that are inserted into the air filter, and discard. Install the filter onto the end of the engine-side elbow, and tighten the clamp. **Fig. 4**

Step 8: If you are using a clamp on the inlet end of the air cleaner housing, slide it onto the inlet elbow. Install the inlet elbow into the small end of the air cleaner housing.

Tighten the clamp (if applicable). **Fig. 5**

Step 9: Install the inlet elbow and air cleaner housing assembly by slipping the air cleaner housing over the air filter. Latch the three spring clamps onto the air cleaner lid. **Fig. 6**

Step 10: Attach the end of the inlet elbow to the fresh air entry point. Connect any support bracketry as needed.

