

Installation Instructions

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Part Number: 10.145.100K

Description: Intercooler Vent Plate, VW A4 Chassis 1.8T

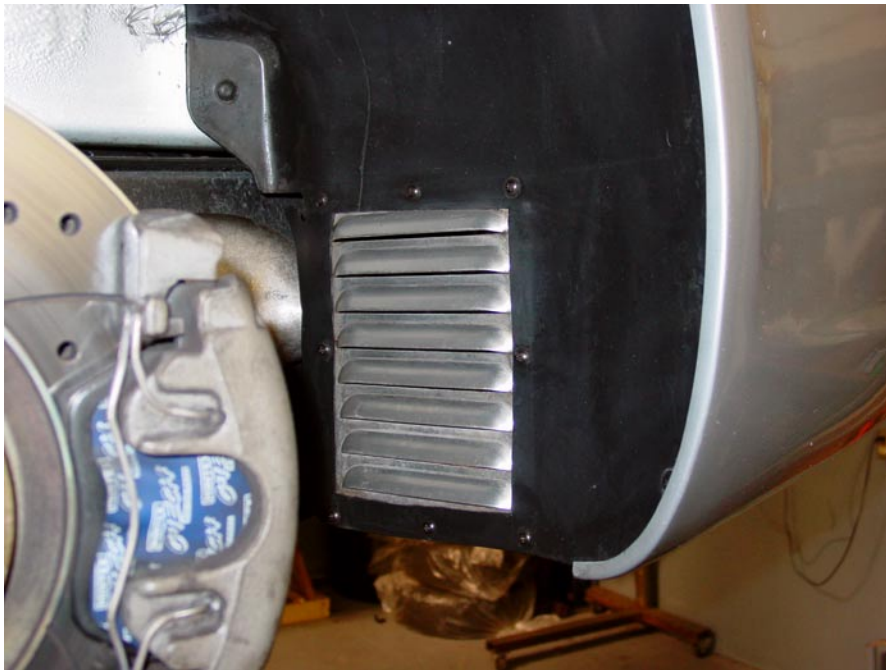
Tools Needed: 9/64" drill bit; Phillips screwdriver; utility/hobby knife; T20 torx driver for liner removal (optional)

Notes:

Autotech's Vent Plate is designed to open up a straight pathway for air that flows through the factory intercooler. In stock form, the fender liner is so close to the backside of the intercooler, that optimum airflow is reduced, forcing the air to find its way out beneath the liner. By freeing up the airflow off the back of the intercooler, better heat exchange takes place, increasing the intercooler's effectiveness at cooling the intake air. Our louvered plate remains effective at preventing debris damage to the intercooler core, while allowing excellent airflow.

Procedure:

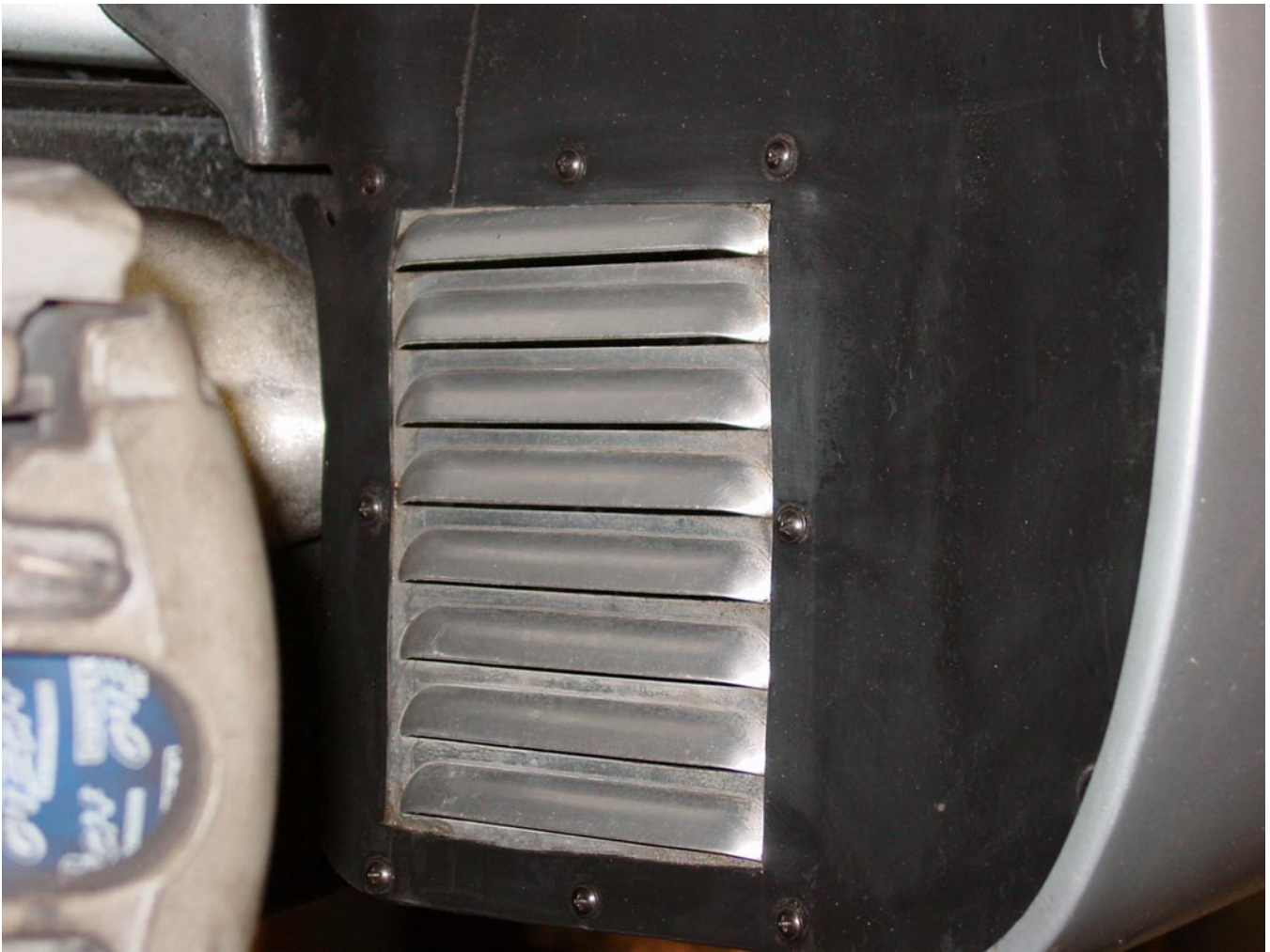
- 1) Place the front of the car on jackstands, block the rear wheels, and set the parking brake to ensure the car is safe to work under. You'll want to remove the right front wheel to allow easier access to the front fender liner.
- 2) Cut out the rectangular template provided on page 3.



- 3) Position the template on the liner about an inch up from the bottom and an inch and a half out from the inner edge. Observe the webbing on the intercooler-side of the fender liner. You may want to adjust the position of the template to find the "sweet spot" relative to the webs, so as to avoid interference with the mounting screws.

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- 4) Trace the rectangle onto the liner to mark your cutting line using a grease pencil or Sharpie® style marking pen.
- 5) If you prefer, you can remove the fender liner from the car to make cutting the hole easier. Cut the hole in the liner using a utility knife. It is usually better to make several lighter strokes to cut through the thick plastic, rather than trying to cut all the way through in one pass.
- 6) Once the hole is cut, place the vent plate into the hole from the intercooler side of the liner. If any of the liner's webbing interferes, simply cut off the section of the webbing to allow the plate to fit flush.
- 7) With the Vent Plate in place as a template, use a pen or punch to mark the hole locations for the mounting screws.
- 8) Drill the holes in the liner using a 9/64" drill bit.
- 9) Install the Vent plate and fasten to the liner with the included mounting screws. Re-install the liner on the car if it was removed earlier.



cut out rectangle above and use as a template to cut the opening in the fender liner