

C8 Hornet Cold Air Intake



Quick Start Installation Instructions

Below is a written list of basic instructions for removing your stock cold air intake and replacing with your new Halltech Hornet. Before you begin, please ensure all portions of the engine and engine cavity are cool to the touch. Disconnect the battery. Wear proper personal protective equipment. Be patient and don't force anything at any time.

1. Remove the center portion of the trunk carpet kit:

- a. Pop-out the 4 plastic panel fasteners on the floor.
- b. Unscrew the 2 tie-down fasteners by hand.
- c. Remove the 8 T15 fasteners holding the left and right Targa top latches in place.
- d. Slide the carpet out from underneath the gasket and remove the carpet kit.

2. Remove the access panel:

- a. Remove the 19 T15 fasteners.
- b. Remove the access panel.

3. Remove stock cold air intake, trunk side:

- a. Remove the left and right inlet ducts by removing the 10mm bolts (4 per side). You will reuse these ducts later. You will only reuse 2 of the 10mm bolts per side.
- b. Remove the two 10mm mounting bolts underneath the airbox. You will reuse these later (along with some new custom washers)
- c. Pop-out the two orange plastic panel fasteners, located underneath the airbox on either side.
- d. Carefully remove the temperature sensor, located at the bottom right of the airbox.
- e. Push out the two oval plastic clips from the top of the housing. You can barely see the back side of them.

4. Remove stock cold air intake, engine side:

- a. Disconnect the harness from the MAF sensor.
- b. Disconnect the PCV fitting from the throttle body transition hose.
- c. Loosen the hose clamp securing the transition hose to the throttle body.
- d. Remove the two 10mm mounting bolts underneath the airbox. You will reuse these later.

- e. Gently start to pull the stock intake into the trunk space. As you do so, you will need to remove 5 more panel fasteners. They are not easy to access, so be patient in the removal process.
- f. You will also need to remove the electrical clip from the antenna at the top of the intake box.
- g. Remove the entire assembly and place on work bench for Step 5.
- h. Replace any broken panel clip zip ties in the engine bay with the ones provided.

5. Benchtop disassembly and reassembly:

- a. Remove the throttle body transition hose from the stock intake and reinstall it on the Halltech Hornet. Make sure the tab of the hose is aligned between the two indicator lines.
- b. Remove the stock MAF sensor and reinstall it in the Halltech Hornet using the new MAF hardware provided.
- c. Remove the left and right exhaust shields and reinstall them on the Halltech Hornet using the new installation hardware provided. Each shield uses 3 bolts (2 into the stainless plate, 1 into the filter box).
- d. Use a knife to cut the heads off the plastic rivets securing the antenna to the stock intake. Reinstall onto to the stainless plate of the Halltech Hornet using the new installation hardware provided.
- e. Peel the adhesive back off the provided gasket seal and apply on the interior face of the left and right inlet ducts. Trim to length as needed.
- f. Using the new installation hardware provided, install both the left and right inlet ducts onto the Halltech Hornet filter box. Make sure to position each against the filter box as far as possible before tightening. Using a small mallet, bend stainless steel tabs against the back side of each inlet duct to secure them in place.

6. Final Installation:

- a. Slowly insert your new Hornet assembly back into place. While doing so reconnect the antenna clip (see step 4f).
- b. While pushing into place, reconnect all panel clips into the stainless plate. All clip locations are conserved, so manipulation of the harness is not necessary (see step 4e).
- c. Tighten the hose clamp around the throttle body (see step 4c)
- d. Reattached PCV fitting (see step 4b)
- e. Reattach MAF harness connector (see step 4a)
- f. Use 2 stock mounting bolts to secure the Hornet in place on the engine side (see step 4d)
- g. Use the other 2 stock mounting bolts to secure the Hornet in place on the trunk side. Be sure to use the custom stainless washer provided in the kit (see step 3b). These special washers provide the snap-in locations for the orange clips, as well as the temperature sensor (see step 3c and 3d).
- h. Reinstall the access cover (see step 2). Reinstall the carpet kit (see step 1).

Click this [LINK](#) to the video installation instructions provided by Paragon Performance.