

BIG GULP

By ROTO-FAB



Installation Instructions

Items included:

Big Gulp air duct assembly
(2) M4 Phillips screws
(2) M4 washers

Please read and understand the instructions
before starting the installation

Tools/items needed:

- T20 torx driver
- 7mm socket
- 13mm socket
- Ratchet
- Pry tool or equivalent
- Tape measure
- Lug nut wrench/torque wrench
- garbage bag

Warning: While the actual installation of this product is relatively simple, the procedure does require removal of the left front tire. Therefore, it is necessary to raise and safely support the vehicle to perform the installation. If you don't have the proper equipment and knowledge to do this, we strongly recommend you have a qualified professional carry out the installation. Serious injury or death can result from the vehicle falling on you!

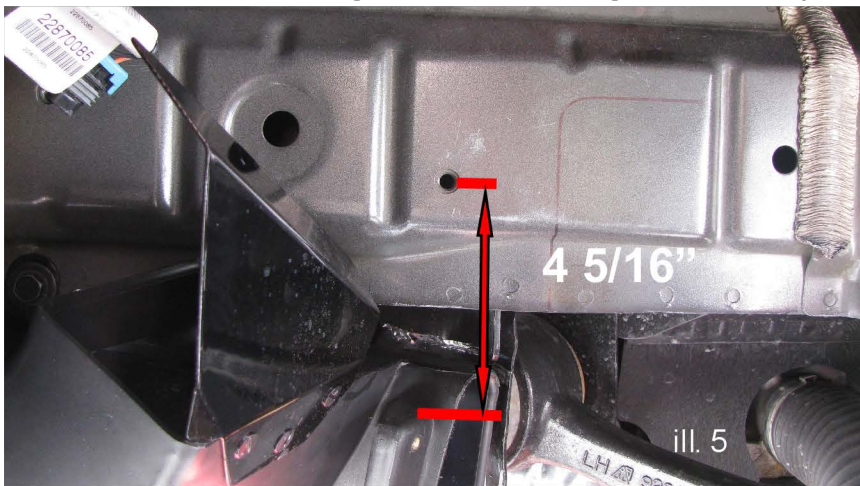
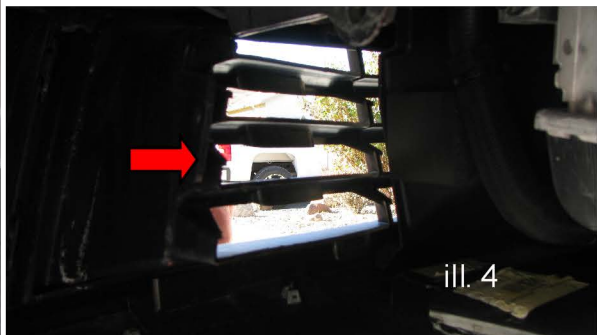
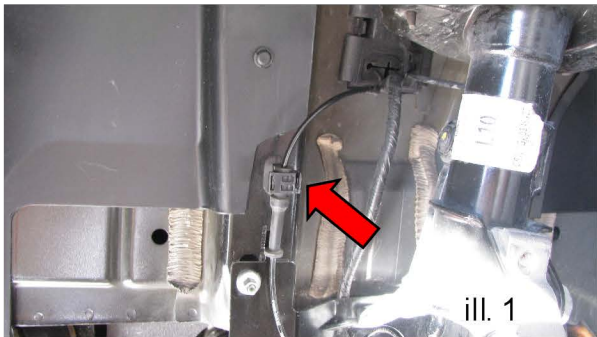
With the vehicle safely supported, remove the front left wheel/tire. Use a garbage bag to cover the brake rotor. Remove the 5 push fasteners retaining the inner fender panel. Do so by using a pry tool or equivalent to first lift the center “nail”, then lift outwards to remove the fastener itself. Using a T20 torx driver, remove the 12 screws retaining the inner fender. It is not necessary to remove the 2 screws retaining the small spoiler to the bottom of the inner fender.

Inner fender liner removal- begin the by carefully pulling the liner outward over the line shown in ill 1. Next, free the inner fender from the brake duct. Pull the front section of the liner downward and inward. Finally, pull the rear section downward and remove the inner fender.

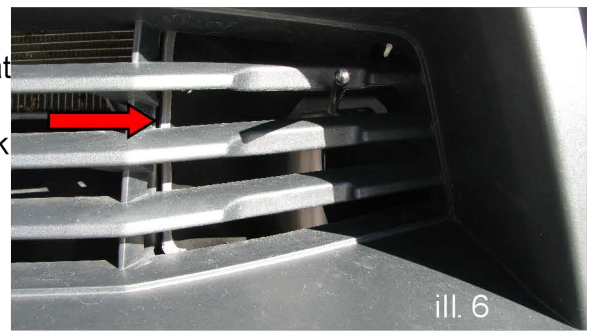
Brake duct removal- Using a 7mm socket, remove the screw retaining the stock brake duct. (see ill. 2) Remove the duct by pulling straight reward in a quick motion. If you are installing the Roto-fab W/W reservoir kit, switch to those instructions now. Otherwise, disconnect the wire harness from the W/W pump, the outlet hose and the three bolts retaining the reservoir. Remove the res. assembly.

From the inner fender area, examine the grill area which the Big Gulp will engage. Note the top, bottom and vertical flange with the screw hole will all be within the Big Gulp opening.

Locate one of the three 8mm W/W reservoir bolts previously removed and a 13mm socket. Prepare the Big Gulp for installation by moving the adjustable slide lever to the center as shown in ill. 3. Install the Big Gulp by inserting the adjustable lever into the 3rd grill slot from the bottom. (ill 4) Continue engaging over the grill opening until the slotted hole in the mounting bracket is aligned with the lower tapped hole in the frame rail. Start the 8mm bolt. To set the height of the unit, measure 4 5/16” from the top flat surface of the mounting pad to the center of the top hole. (ill. 5) With the measurement correct, tighten the mounting bolt securely.

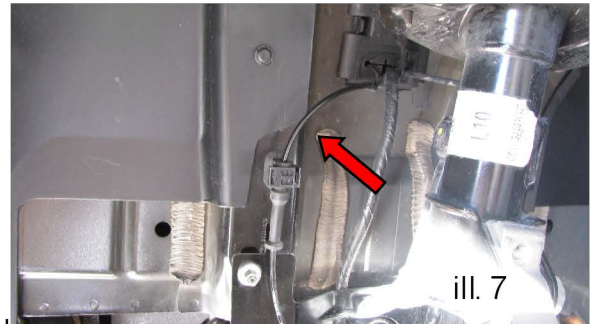


At this point, inspect the grill area from the front of the car to ensure proper installation. The only edge of the Big Gulp that should be visible from the front is the vertical edge shown in ill. 6. If you see the top edge, remove the mounting bolt, back out 1" and re-install with the top edge of the Big Gulp over the top lip of the grill opening. Reset the 4 5/16" measurement and be sure the mounting bolt is tightened securely.

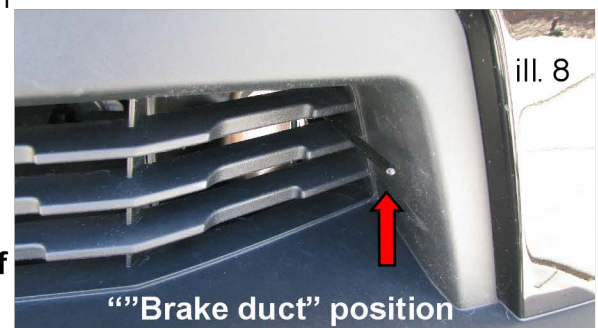


Inner fender liner installation- Important! Use the supplied stainless steel M4 screws to fasten through the inner fender liner into the Big Gulp mounting inserts. Do not attempt to use the stock screws in this location as irreversible damage will be done to the brass inserts.

To install the inner fender, start by dropping the front section over the rotor, then the back side. Push the top into position making sure it doesn't get caught on the spring. Carefully work the rear vertical wall into position without straining the line shown in ill. 7.



Next, work the vertical mounting surface with the three mounting holes into position. This would be the side to your left as you are installing. Now position the lower rear vertical section with the two mounting screws. Start 1 of the 2 rear screws to hold the liner in position. Fully engage the liner over the brake duct portion of the Big Gulp. At this point, install the 5 push fasteners. Locate the two supplied M4 stainless steel screws. **Use a phillips screwdriver to align and start the screws. Do not attempt to start the screws until they are straight and inline with the brass inserts. If a screw feels cross threaded, back it out and start it again. Tighten both phillips screws.**



Start all of the torx head screws in the remaining liner mounting locations. Tighten all of the screws. You should have 3 fasteners remaining-2 torx head and (1) 7mm head.



From the front of the vehicle, slide the adjustable lever to both extremities to ensure proper operation. Ill. 8 shows the Big Gulp in the “brake duct” position while Ill. 9 shows the “air intake” position.

Re-install the wheel/tire according to manufacturer's specifications.

Operation- Slide the adjustable lever horizontally to the desired position. The “air intake” position blocks the brake duct and directs virtually all of the incoming air to the air box area. The “brake duct” position directs the majority of the air to the brake duct portion while still supplying some additional air to the intake. This is possible because the Big Gulp has a larger entry which uses the entire available opening.

WARNING-DO NOT remove the water deflector. Removal of the water deflector could allow water to enter the intake which could result in severe engine damage.