S550 BIG MOUTH Ram Air Intake Installation Guide

Kit Contents

Please review this document before attempting installation.

You will need basic hand tools and about 1 hour of installation time.

Please review the table below and make sure you have received the kit contents.

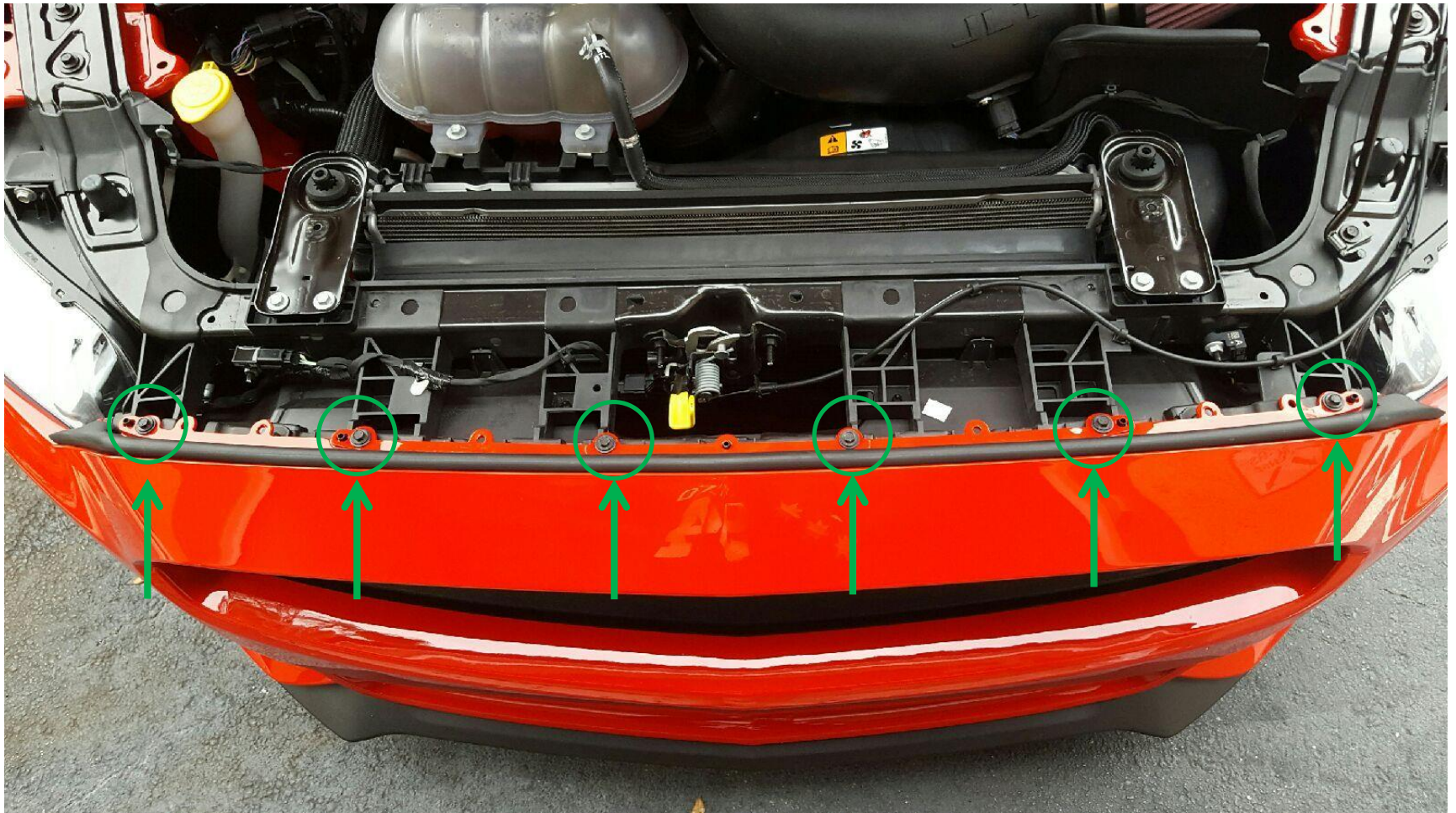| Kit Contents			
Description	Size	Length	Qty
S550 BIG MOUTH Ram Air Intake	NA	NA	1

Bumper Removal

Pop the hood and locate the front plastic cover that sits above the radiator.

Use a small screwdriver or dental tool, to pull up on the plastic clips retaining the plastic cover. There are 8 clips.
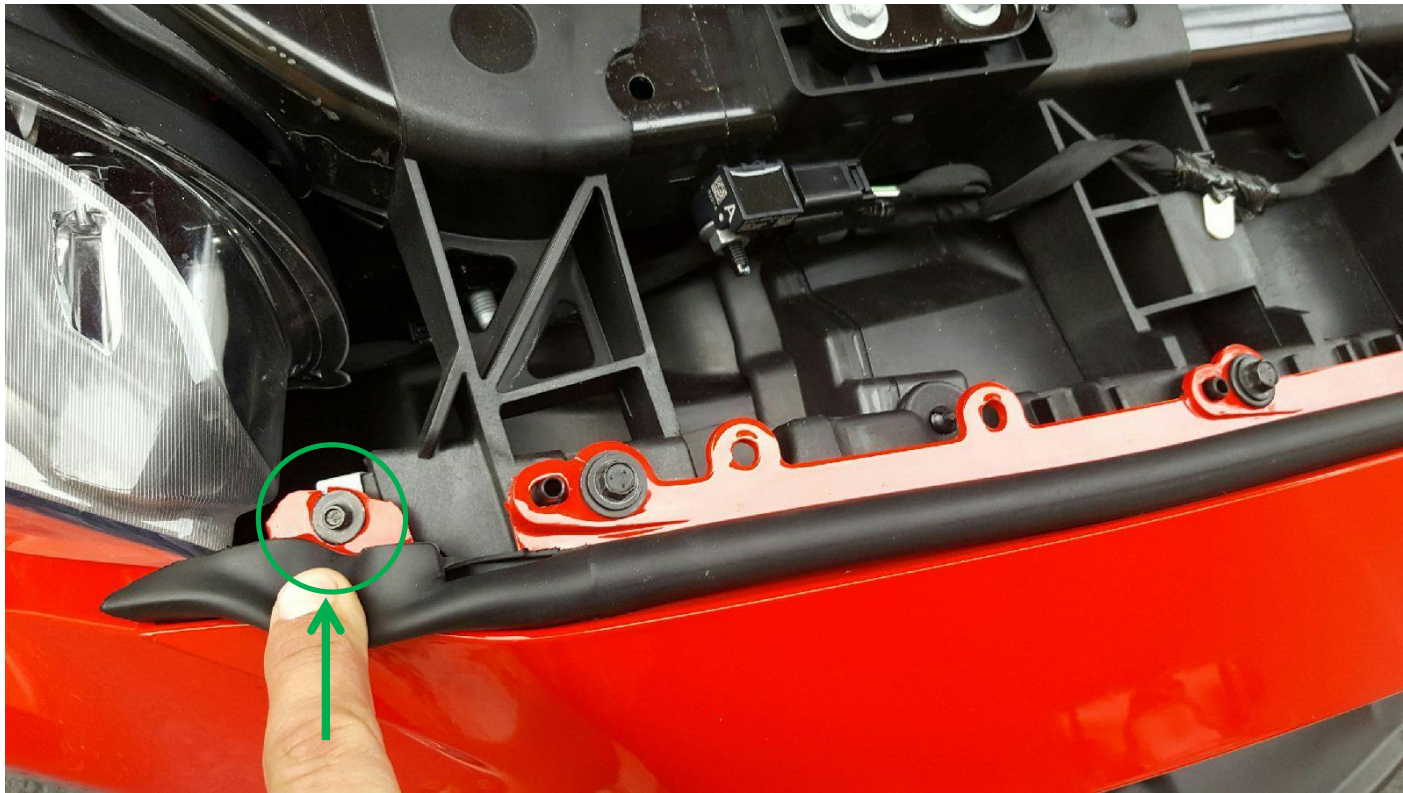
Bumper Removal

Once the cover is removed, there are six 5/16" screws that will need to be removed.
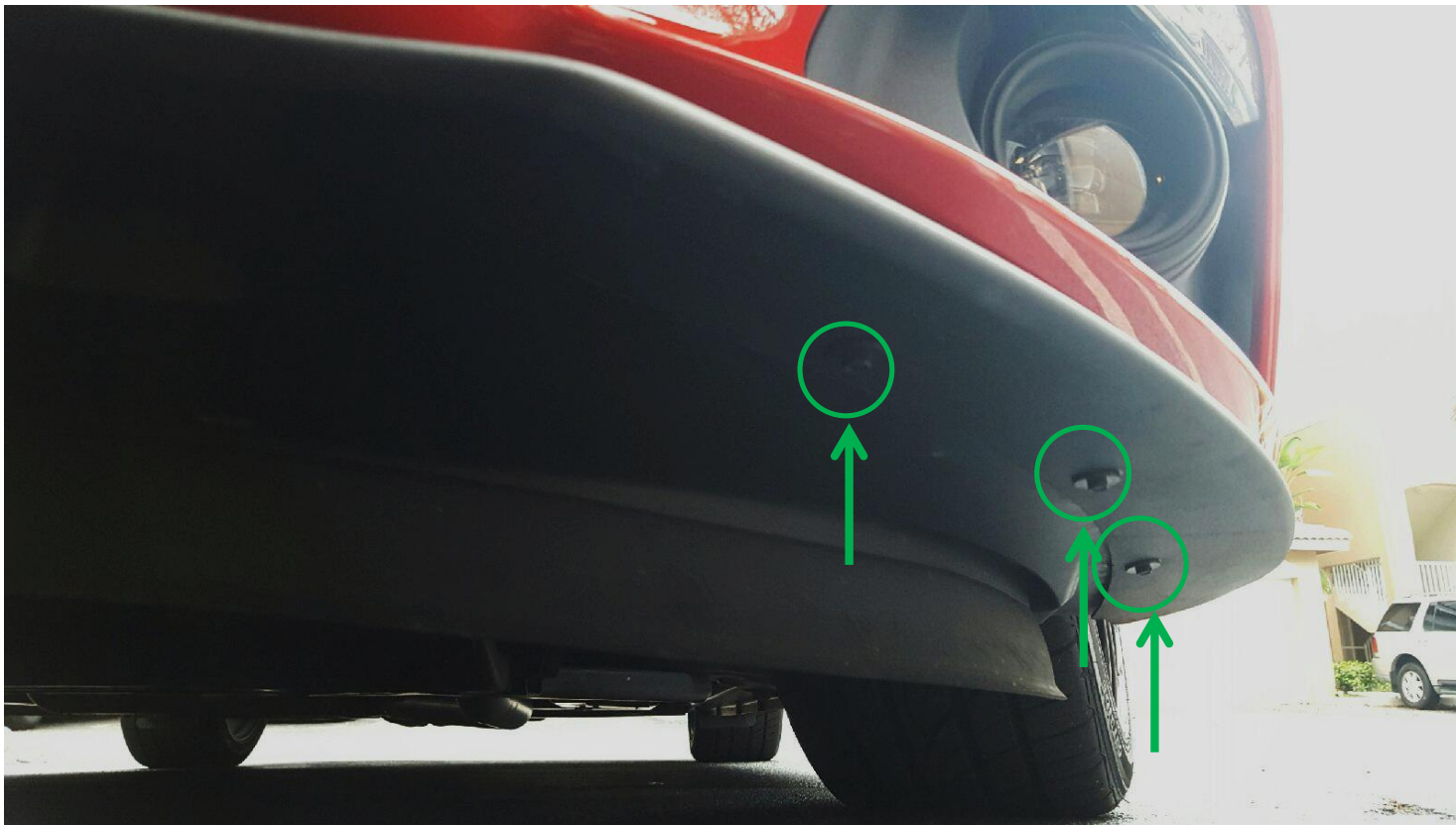
Bumper Removal

Two more screws are located on each side of the bumper near the headlight, they are 7/32".
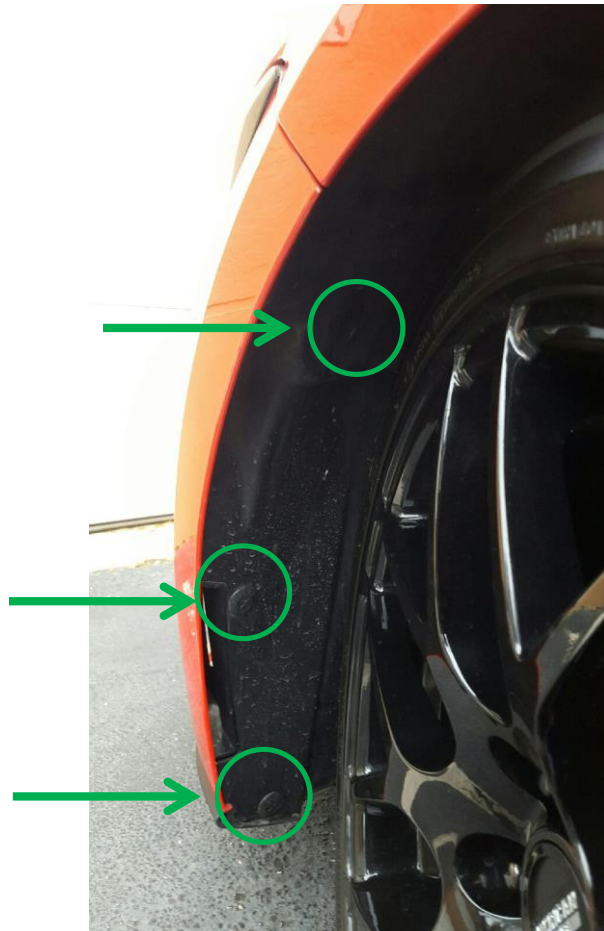
Bumper Removal

Underneath the front bumper, there are twelve 9/32" screws to be removed. Three are shown for example.

Bumper Removal

The wheel well contains 3 small plastic clips per side, pop them out using a flathead screwdriver, it is best to pop off the top cap instead of trying to pry them out by force.

Bumper Removal

You will need to pull back on the fender liner, and reach in with a 7mm socket to remove one screw per side on the inside of the fender.

7mm screw behind this location circled

Pull this region of the liner back slightly, it is best to reach in from both the top and bottom to work with the 7mm screw. A swivel and extension helps for this process.

BIG MOUTH Installation

Once you locate this area of the intake, insert the BIG MOUTH carefully. The BIG MOUTH is full floating, it compensates for alignment.

You may want to apply a film of dish soap in this inner tunnel area, to allow for easy install of the BIG MOUTH

Installation of Ram Intake

Once installed, the axial (forward/backward) position may shift slightly when you install the bumper. This is normal and is part of the alignment process.

Re-install the bumper and your installation is complete.

Hex Flat Removal

It is highly suggested to remove the hex flats shown. The hex flats impedes the ram inlet from performing to maximum flow potential.

The flats can be removed with a dremel tool or sanding tool, a sharp blade can also be used if done carefully.