



## Photoinstructions



**TechAFX Bottom Feed Spoiler kit**

**For: 1969 Chevrolet Camaro**

**Full kit - pn 220109**

**Plate only - pn 220107**

# Instructions

Bottom Feed Kit, PN 220109

Vehicle: 1969 Chevrolet Camaro

Follow these step-by-step instructions to properly install the Bottom Feed kit on a 1969 Camaro.



## Contents List (to check box contents)

Description	Quantity
TechAFX Bottom Feed Air Spoiler kit	1
5/16 inch dia. stainless bolt/washer/nuts	2

## Tools to perform install:

Box knife (or razor blade)

Side cutter pliers

7/16 and 1/2 inch combination wrenches

9/64 and 5/32 inch Allen sockets

Ratchet wrench, 3/8 inch size drive

Socket extension, 6 inches long for 3/8 inch drive

Torque Wrench, in-lb units

Floor Jack, hydraulic (Optional)

Jackstands, 2 (Optional)

# Installation Process

## 1. Project Prep



Once you have received your Bottom Feed kit, find a clean area to remove it from the packaging & do the vehicle upgrade. Lay out all the tools needed to install the Bottom Feed kit before beginning project (see list on inside cover).

## 2. Open Box



Using a box cutter, cut the tape on one end of the box. Peel open the box flaps.



### 3. Slide out kit



Reach in and pull out the Bottom Feed kit. The boxes are filled with packing peanuts, so be prepared to properly dispose of these at this time.

### 4. Cut ziptie



Using a pair of side cutting pliers, cut the ziptie at the end of the protective shipping bag. Remove the cut ziptie from the bag.

## 5. Remove fasteners bag



Pull off the bag holding the assorted stainless steel fasteners provided to install the Bottom Feed kit on your 1969 Camaro. Set this on your work mat.

## 6. Set up work area



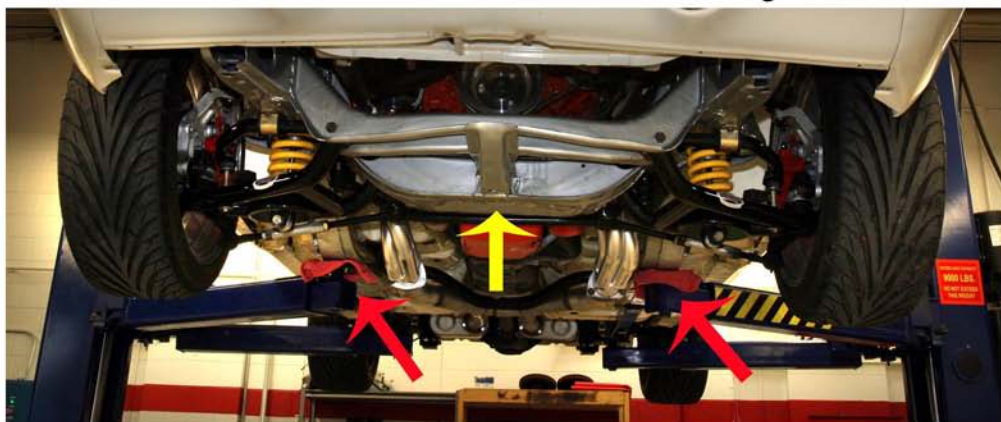
Find a large pad to work on to minimize scratching of part—in this case, we used a floor pad out of an SUV. Then, pull the Bottom Feed kit out of the protective shipping bag & set it on the pad.

## 7. Remove 'L' bracket



The center 'L' bracket needs to be removed to install the kit. Use 5/32 inch Allen socket/6 inch ext/3/8 inch ratchet wrench & 7/16 inch wrench to remove both bolt/nut combos.

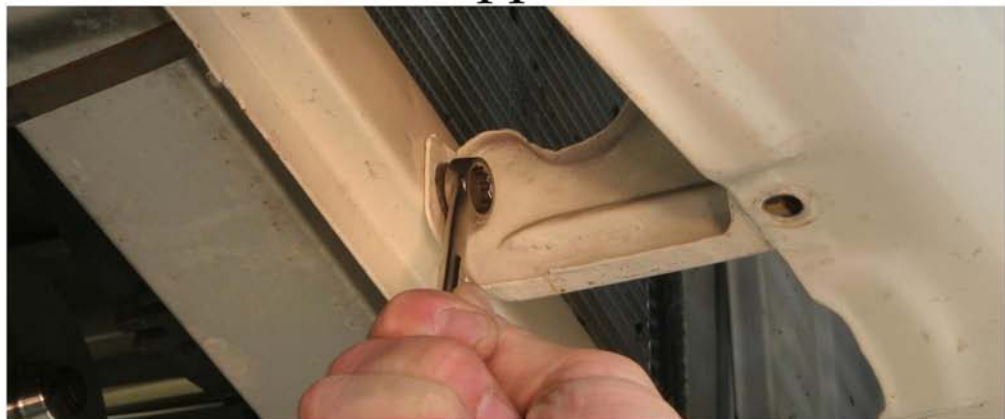
## 8. If needed, lift vehicle onto jack-



Some vehicles sit too low to install the kit—if so, vehicle should be raised in the front (lift with floor-jack on crossmember – at yellow arrow) & placed on two jackstands (locate at red arrows). If another spoiler on the vehicle, remove it at this time.



## 9. Remove rad support center bolt



Using the 1/2 inch wrench, remove the center bolt on the lower lip of the radiator core support. This bolt holds a factory bracket that comes off the

## 10. Install Bottom Feed 'L' bracket



The bracket needs to be lightly pushed forward so the 'L' bracket for the Bottom Feed kit can be slid in between the bracket and core support, as shown. Hand start the factory bolt back in the threaded hole and tighten it to hand tight.

## 11. Lift Bottom Feed kit into position



Slide one end of Bottom Feed plate into a fender/valence opening (position kit as shown). Front edge of the main plate should be above the rearward lip of the front lower valence panel.

## 12. Install rest of Bottom Feed kit



Swing other end of kit rearward about 6 inches before setting on lip of the other fender & valence panel. Keep leading edge of main plate above rear edge of front lower valence panel. Kit will be resting on the lower lip of front valence & fenders.



# Do it like the Pros do!

Order dimensioned drawings from

[www.DataDrawings.com](http://www.DataDrawings.com)

and avoid guessing on a measurement!



This impressive artwork also looks great mounted on the wall of your shop or office.

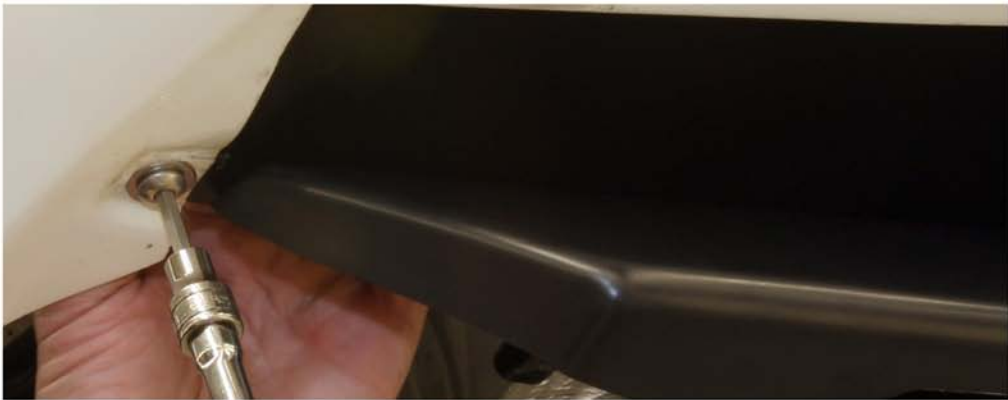
Dimensioned drawings available of many popular engines, transmissions, suspension systems and more!

### 13. Install center bolts/washers/nuts



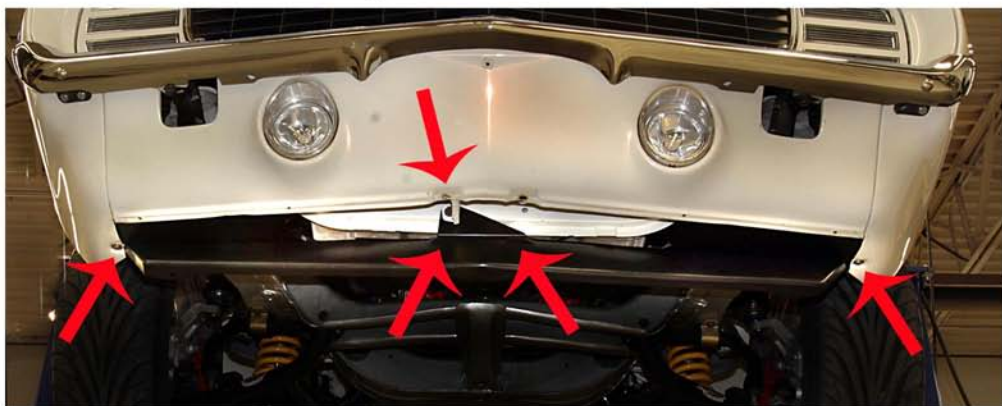
One at a time, push  $\frac{1}{4}$  inch diameter stainless 'L' bracket bolt & washer combo up thru hole in main plate & 'L' bracket. Hand start nylock nut on the bolt. Tighten with  $\frac{9}{64}$  Allen socket on 6 inch ext &  $\frac{3}{8}$  inch ratchet wrench &  $\frac{7}{16}$  inch wrench.

### 14. Install Fender Bolts



Using the bolts/washers/nuts provided in small plastic bag, insert bolts upward through the holes at ends of kit plate & the lower corners of the fenders. Tighten with  $\frac{5}{32}$  inch Allen socket/6 inch ext/ $\frac{3}{8}$  inch ratchet &  $\frac{1}{2}$  inch wrench.

## 15. Final Torque



Go back over all of the fasteners and tighten everything to 104 in-lbs. Now the Bottom Feed kit is installed and ready for action.

## 16. Final Installed product



Enjoy the reduction in coolant temperature, improved under vehicle aerodynamics and the improved looks of the Bottom Feed system!



Bottom Feed kits honor the original factory look while improving the overall performance of the vehicle.



TechAFX  
877 355 0137  
[www.techafx.com](http://www.techafx.com)

Thank You for buying from  
TechAFX.

We appreciate your business!

TechAFX Bottom Feed Air  
products provide their perfor-  
mance gains without any  
additional input of energy-  
-literally from THIN AIR!



Look for more products  
on our website at  
[www.techafx.com](http://www.techafx.com)