



LT1 Camaro Accessory Cold Air Intake Kit I-Sheet # 84315276

Thank you for choosing Chevrolet Performance as your high performance source. Chevrolet is committed to providing proven, innovative performance technology that is truly more than just power. Chevrolet Performance air inlet systems are engineered, developed and tested to exceed your expectations for fit and function. Please visit our website at www.chevroletperformance.com.

This publication provides general information on components and procedures that may be useful when installing a Chevrolet Camaro air induction system. Please read the entire publication before starting work. Observe all safety precautions and warnings in the service manuals when installing the Chevrolet Camaro intake system on your vehicle. Wear eye protection and appropriate protective clothing. When working under or around the vehicle support it securely with jack stands. Use only the proper tools. Exercise extreme caution when working with flammable, corrosive and hazardous liquids and materials. Some procedures require special equipment or skills. If you do not have the appropriate training, expertise and tools to perform any part of the installation safely, this work should be done by a professional.

Please read this entire publication before starting work. Also, please verify that all of the components listed in the Package Contents section below were shipped in the kit. The information below is divided into the following sections: Package contents and installation instructions. It is not the intent of these specifications to replace the comprehensive and detailed service practices explained in the GM service manuals. For detailed installation instructions please look to the service manual for you specific vehicle.

GM service manuals are available from:

Helm Incorporated
PO Box 07130
Detroit, MI 48207

For information about warranty coverage, please contact your local Chevrolet Performance dealer.

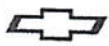
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This accessory kit requires a calibration. Reprogramming is done with a Service Programming System at an Authorized GM Dealer. When reprogramming, the GM dealer needs to call the Techline Customer Support Center (TCSC). The TCSC will provide a Vehicle Configuration Index (VCI). The VCI is good for only one specific Vehicle Identification Number (VIN). Call TCSC (1-888-337-1010) to obtain a VCI number. You must have the vehicle's VIN that will be upgraded and the following Authorization Code.

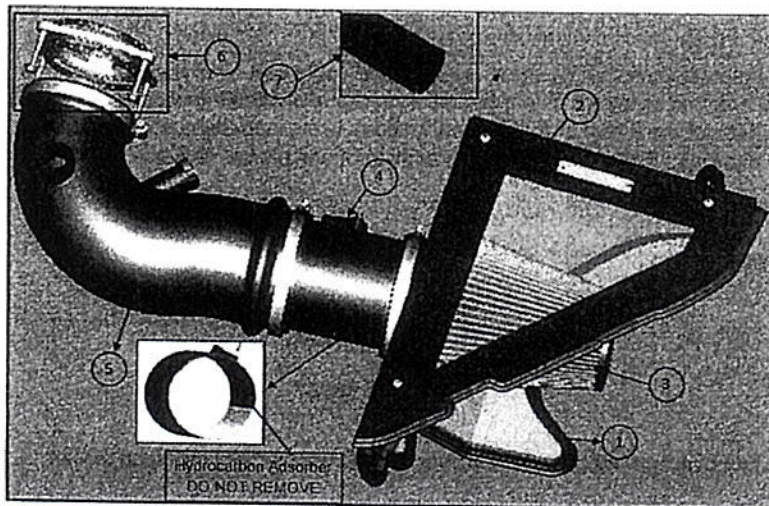


NOTE: The cost of re-programing is included in the cost of this kit. The dealer is instructed to charge the reflash to Labor Code 0601558.



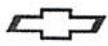
Package Content: Air Intake Kit P/N – 84315275 (Not Legal to sell or install this kit on vehicles registered in California emissions states)

1. Box assembly.
2. Box Lid with ¼ turn fasteners pre-installed.
3. Filter with clamp.
4. MAF Sensor Housing with MAF sensor screws.
5. Duct assembly with 2 stainless steel hose clamps and two small plastic clamps installed.
6. Spacer and Gasket Kit containing 2 seals, four screws, and spacer plate.
7. Kit - Wrap sleeve with tie straps.

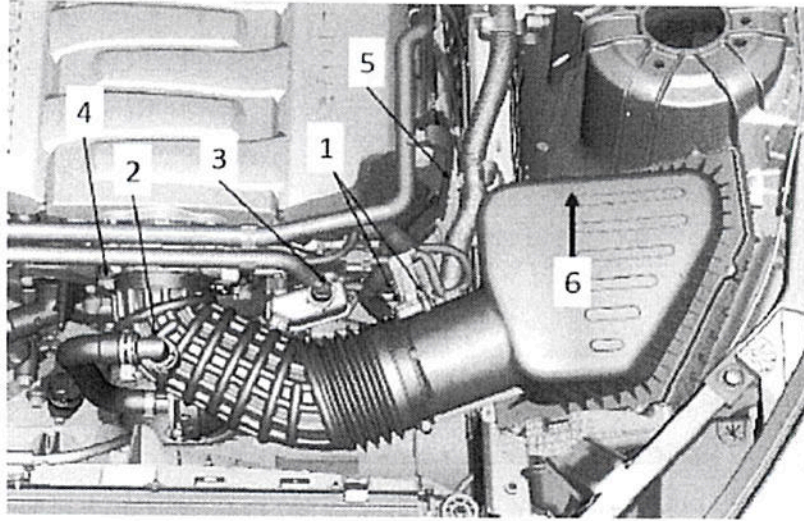


EMMISIONS WARNING

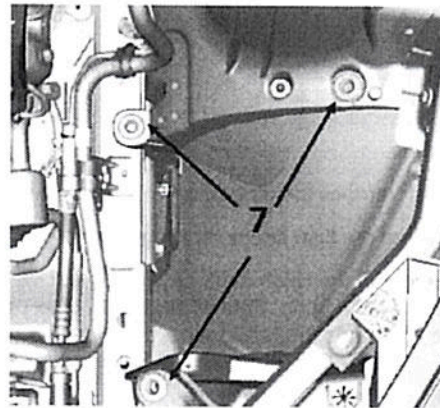
This kit contains components essential to the operation of Evaporative Emission system. Specifically, there is a Hydrocarbon Adsorber attached to the inside of the MAF Sensor Housing (see picture above). Removal of this Adsorber will void the emissions warranty of the vehicle. Additionally, the MAF sensor is calibrated to function properly with the Adsorber in place. Removal of the Adsorber can also adversely affect engine performance. **DO NOT REMOVE!**



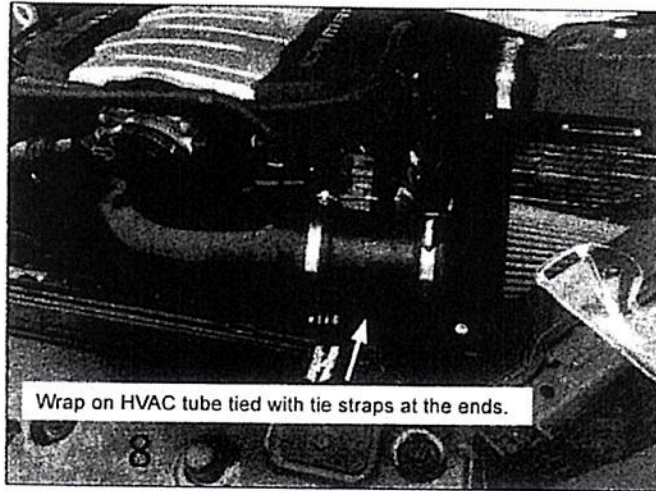
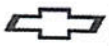
Installation Instructions



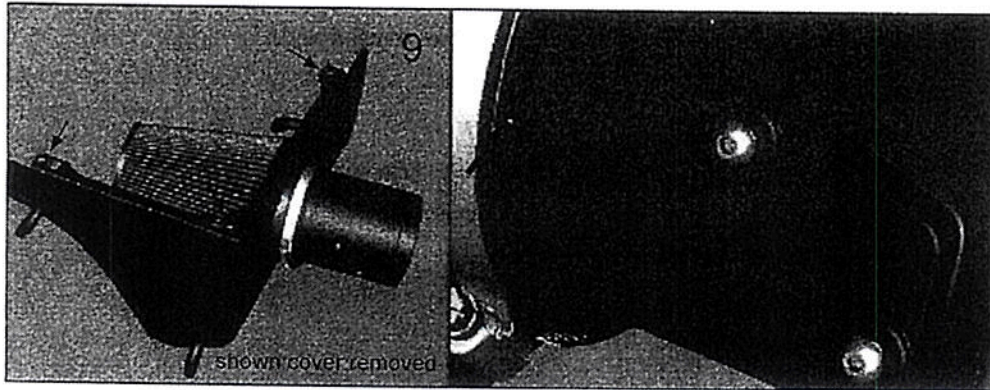
1. Do not unplug the factory MAF sensor electrical connector. Unscrew the two screws holding the MAF sensor to the stock airbox and carefully set on the engine cover leaving it plugged in.
2. Remove the MSE tube from the factory intake. Remove and discard crimped clamp.
3. Remove the quick connect tube from the top of the PCV reservoir.
4. Loosen the clamp that holds the intake tube to the throttle body.
5. Open the clamp that holds the Mechanical Sound Enhancer (MSE) tube from the factory airbox.
6. Lift firmly on the factory airbox to unseat it from the three grommets holding it in place. Remove the factory airbox assembly with inlet duct attached.



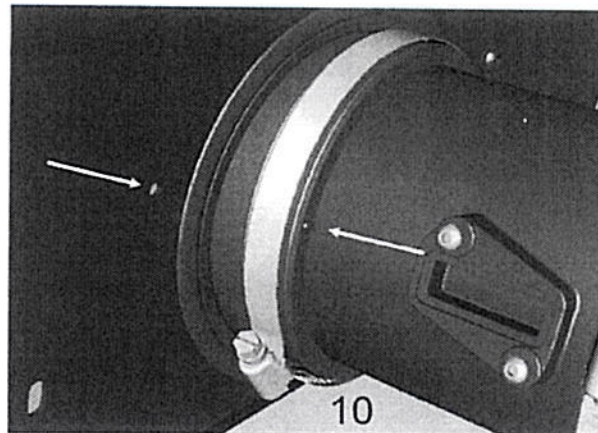
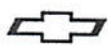
7. Reinstall any grommets that may have stayed attached to the factory airbox assembly.



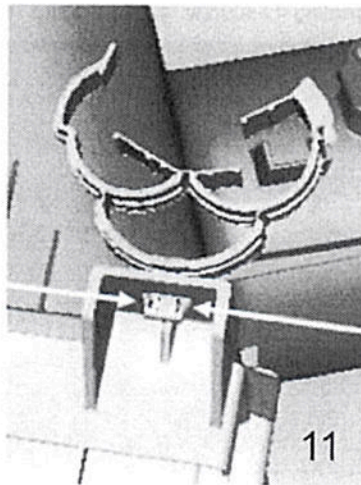
8. Install the wrap sleeve on the HVAC tube. Align one end of the wrap to the tube fitting and twist the wrap to snug fit on tube. Tighten the wrap at both ends with the tie straps. Make sure the tie strap extension is directed away from the MAF tube. Snap off the extension of the tie straps.



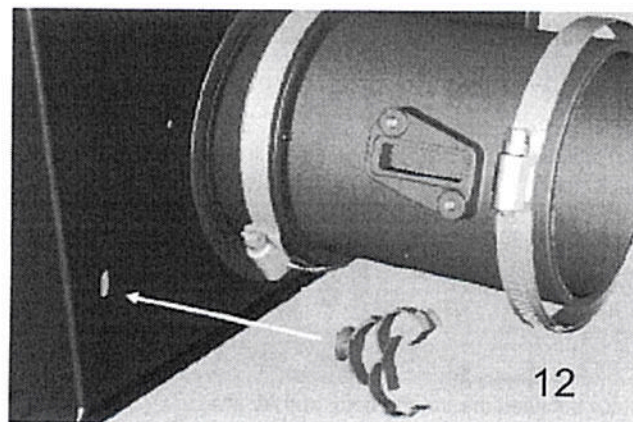
9. Sub assemble the filter, box, and MAF tube.
- Loosen the three 1/4 turn screws and remove the air box cover and remove the protective sheet from clear lid.
 - Install the filter into the box. The base of the filter should fit snugly into the rubber seal around the opening in the box.
 - Install the MAF tube onto the filter. Line up the Hash mark on the edge of the filter to the Mark on the MAF tube. The mark on the MAF tube is just outboard of the MAF bung. **This step is critical to proper performance of the MAF sensor.** Tighten the hose clamp holding the filter on to the MAF tube.



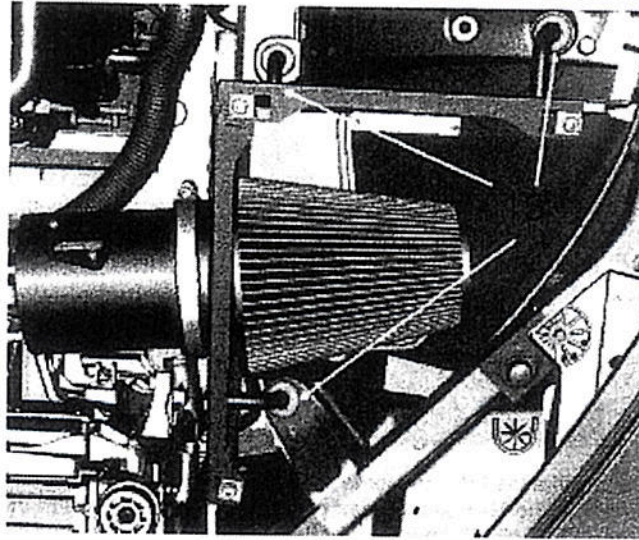
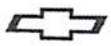
10. Orient the MAF tube to the box so that the MAF sensor to filter alignment marks line up with the mark on the box. "This alignment is critical to insure that the MAF sensor can properly read the airflow in the duct. Failure to set this alignment improperly can result in a check engine light being set."



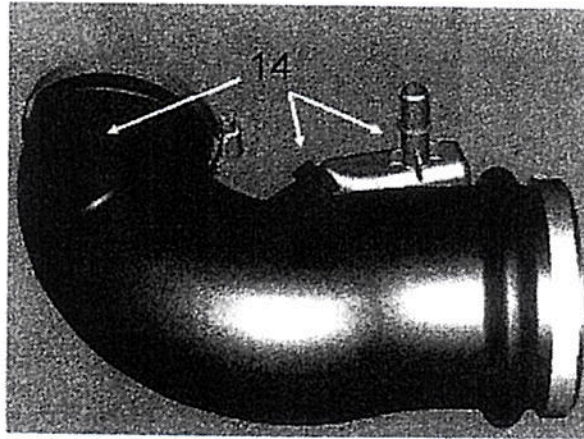
11. Remove MSE clip from production airbox by squeezing both tabs together on back of part. Be careful not to damage tabs or clip will not seat properly into box.



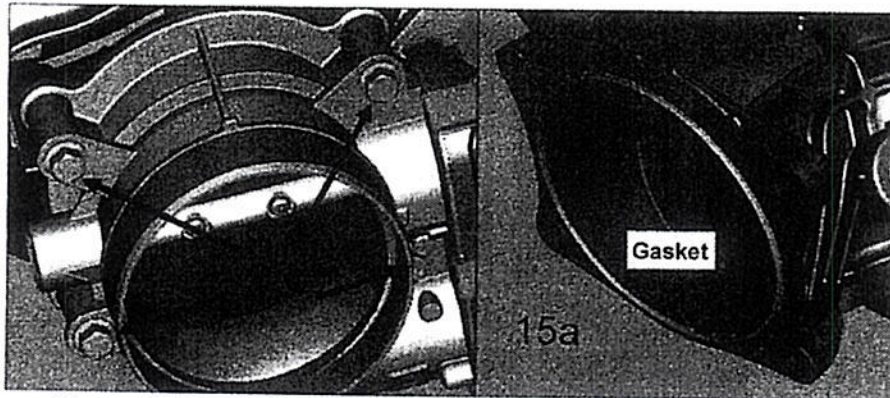
12. Install clip into the slot on the accessory box assembly



13. Install the box assembly into the vehicle, seating it securely into the three mounting grommets.

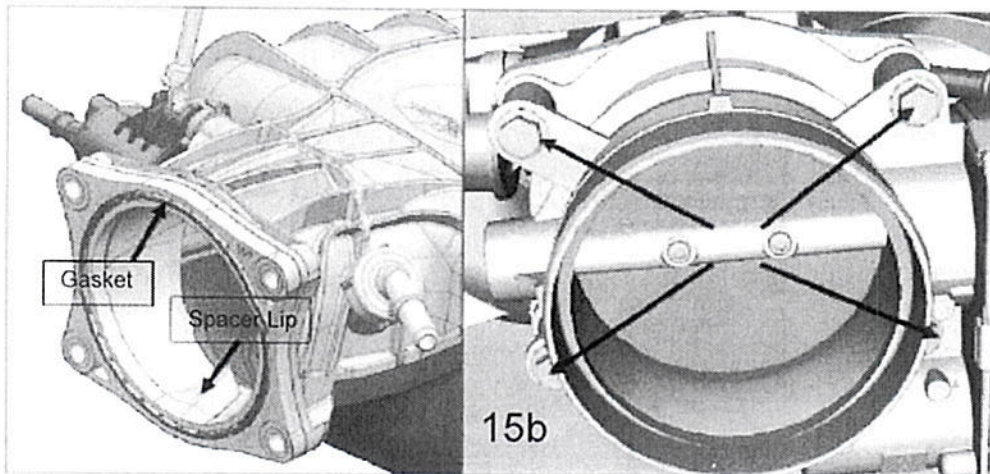
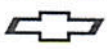


14. Remove PCV Reservoir from the stock intake and install it into the accessory intake tube using the clamp provided. Loosely install the other plastic clamp on the MSE port.

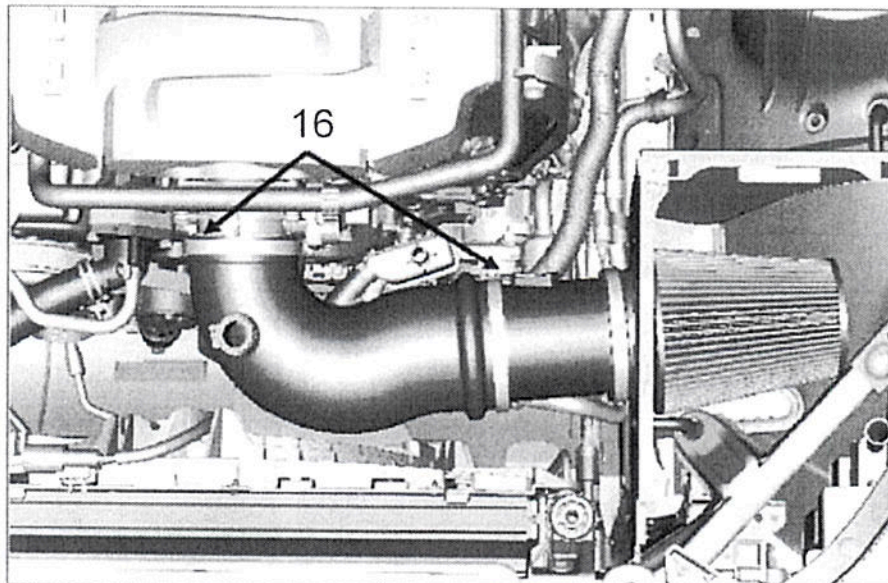


15. Install the spacer and Gasket Kit between the throttle body and Air Intake

- a. Remove four bolts holding the throttle body to the intake manifold. Discard the old gasket and install a new one provided with the kit into the intake manifold. The gasket is not re-usable. Discard the 4 bolts.

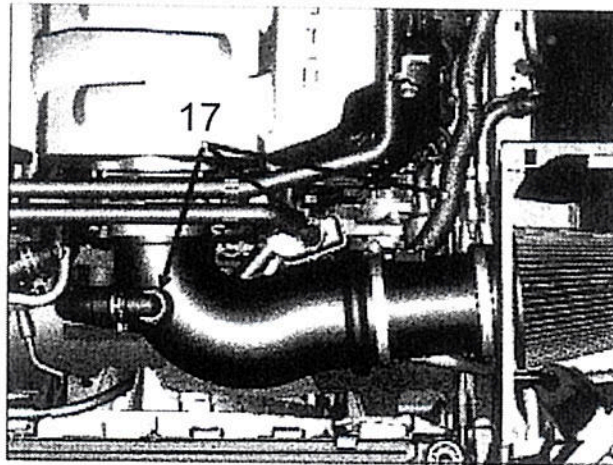


- b. Install gasket into spacer plate and seat spacer plate onto intake manifold with spacer lip at the bottom as shown above. Install throttle body onto spacer plate. Torque four screws provided with the kit to 10 Nm (88 in lbs.)

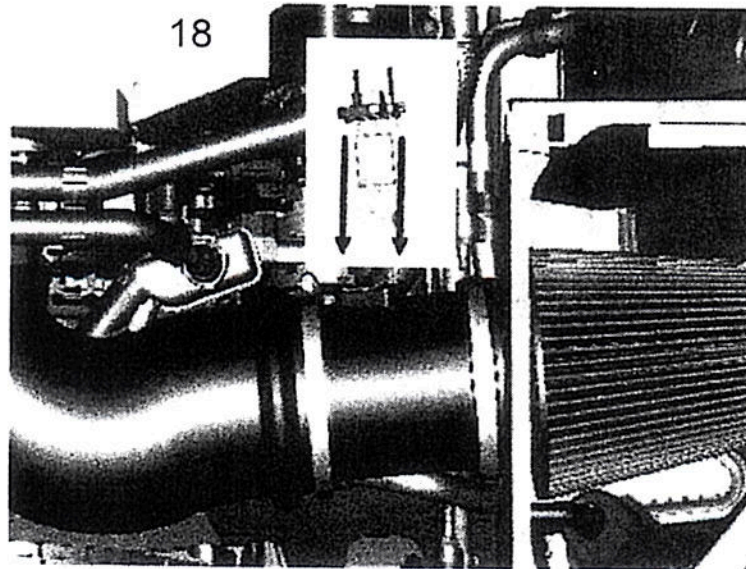


16. Install the duct between the MAF Tube and throttle body.

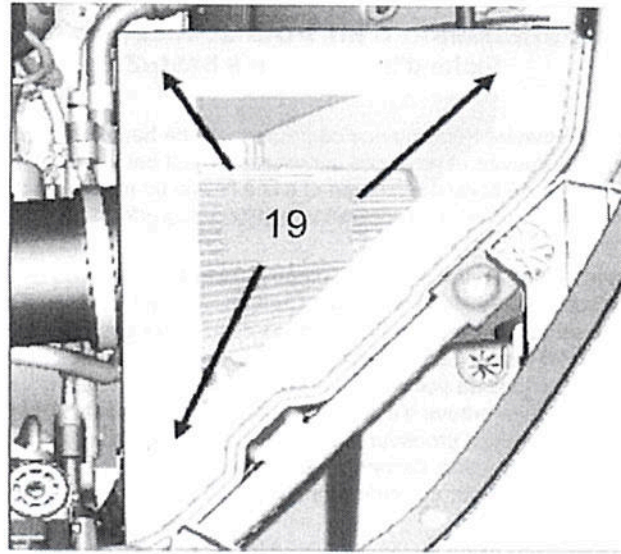
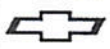
- Assemble the Duct on the throttle body and MAF tube
- Align the duct to the throttle body - there is a step inside the duct that should snugly seat it to the throttle body. Tighten the clamp on duct to the throttle body to torque 5.1 +/-0.5 Nm.
- Adjust the duct over the MAF tube until there is no tension in the duct. The filter will be slightly angled in the box when aligned properly (see picture). Tighten the clamp on duct to filter to torque 5.1 +/-0.5 Nm.



17. Install MSE elbow into duct and squeeze clamp tight. Install PCV hose onto reservoir in duct. Install MSE tube into clip in the side of the box.



18. Re-Install MAF sensor using the screws provided in the MAF sensor housing. Tighten screws to 1.5 +/-0.2 Nm.



19. Install the cover onto the box using three attached ¼ turn fasteners.
20. Have the calibration flashed at dealer. You will require Authorization code as mentioned on the front page of the instruction.