



HIGH FLOW INDUCTION SYSTEM
1993-Later Camaro and Firebird LT-1
P/N 65840, 65845

TOOLS FOR INSTALLATION

- **FOR HOSE CLAMPS**
8mm socket on 1/4" drive ratchet
- **FOR LOWER BODY PANEL SCREWS AND FILTER PLATE BOLTS**
10MM SOCKET ON 1/4" DRIVE RATCHET
- **FOR FILTER PLATE BOLT HOLES**
Electric or air powered drill & 7mm (or 9/32") drill bit

STOCK AIR FILTER SYSTEM REMOVAL

NOTE: THE MASS AIR SENSOR (94 AND LATER MODELS) AND THE 90° RIBBED RUBBER HOSE ATTACHED TO THE THROTTLE BODY (ALL MODELS) WILL REMAIN ON THE ENGINE.

1. Disconnect the A.I.R. pump hose from the rear of the stock plastic air inlet duct.
2. Remove the stock plastic air inlet duct by removing the hose clamps at both ends and the push-in retainer attaching it to the radiator support.
3. Slide the air filter housing up to remove it from the radiator support. (Firebird Only) The headlamp door module is attached to the original equipment outside air duct. This duct will be removed; therefore, the module must be relocated as follows:

Remove the two harness connectors from the headlamp door module. Then, remove the outside air duct from the car by removing the push-in retainer from its base. The air baffle mounted to the front of the radiator support may be removed if desired. Next, remove the two module mounting screws to detach the module from the duct. See Installation Procedure Step 2 to remove the module.

INSTALLATION PROCEDURE

1. Place the filter plate over the hole in the car's body in which the stock air filter housing was located. Align the filter plate by sliding it forward so that it is flush against the vertical steel wall and adjust the left edge of the plate (closest to the center of the car) with the metal seam approximately 1" from the left edge of the opening. Scribe marks at each Nutsert hole for drilling the mounting holes. The figure illustrates the proper orientation for the filter plate. Remove the plate and drill two 7mm dia. Holes (or 9/32") at the scribe line.
2. **(FIREBIRD ONLY)** Mount the headlamp door module to the horizontal body surface next to the filter plate. Using the module as a template, scribe marks at the two mounting hole locations and drill two 3/16" dia. Holes. Attach the module to the body with two 1/4" x 1" metal thread-forming screws. Do not over-tighten.
3. **(FIREBIRD ONLY)** Plug the two harness connectors into the module. Match the two 4-pin connectors and two 5-pin connectors.
4. From under the car, remove the left front lower fascia deflector (the horizontal plastic panel connecting the inner fender with the front bumper fascia) to gain access to the area under the filter plate.
5. With the filter plate in position in the engine compartment, attach the filter plate to the body from below with two 6mm bolts and captive washers (supplied). Then, clamp the filter element to the filter plate and replace the left front lower fascia deflector.

**For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 458-0546 8:30am – 5:00pm Eastern Time**

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6. Install hoses and clamps as follows:

1994 and later models-

Push the duct-to-plate hose onto the filter plate and the duct-to-Mass Air Sensor hose over the Mass Air Sensor. Slip two hose clamps over the filter plate hose and two hose clamps over the Mass Air Sensor hose.

1993 models-

Push the duct-to-plate hose over the filter plate. Slip two hose clamps over the filter plate hose and one hose clamp over the 90° rubber duct attached to the car's throttle body.

7. Install the air inlet duct and tighten the hose clamps.

8. Re-attach the A.I.R. pump hose to the fitting on the rear of the inlet duct.

9. Attach product information label under the hood in a readily visible location.

NOTES:

This high flow induction system is a much larger duct than stock. Before closing the hood for the first time, make sure that the high flow induction system inlet air duct is fully inserted into the filter plate hose and that the hood does not contact the top of the duct. Check by looking under the hood with the first latch caught and ensure there is enough room to close the hood completely.

The stock body panels adequately protect the air filter against the elements in its new location. However, please note that it is now mounted approximately 4 inches above the bottom of the body. To avoid engine damage, use extra caution when driving in wet weather. Never drive through water that is higher than the bottom of the front of the cars body.

The filter element used in this system is washable and reusable. To service, first tap the element to remove excess dirt and foreign particles. Gently brush the element to remove the rest of the dirt. Next agitate the element in a bucket of hot water and laundry detergent or dishwashing soap. (Do not use flammable liquids or harsh chemicals).

Thoroughly soak the element and let stand for a few minutes. Use a faucet or hose to rinse from the **inside out**, using low water pressure. Allow the element to dry naturally. When the filter is completely dry re-oil. Spray each pleat and re-oil as necessary for proper filtration. Let element stand 10 minutes. Check for light spots and re-oil as necessary.

REPLACEMENT FILTER ELEMENTS ARE AVAILABLE THROUGH MOROSO PERFORMANCE AS P/N 97515.

