SPECTRE

Intake Installation Instructions

P/N 901234(red filter) - P/N 901234B (blue filter)
P/N 901234K (black filter) - P/N 901234W (white filter)

Year/Model
1968-72 Chevelle

Parts List

- 1 - Heat Shield- Driver's Side
- 1 - Bulb Seal- 30"
- 1 - Bulb Seal- 28"
- 1 - Intake Tube
- 1 - Air Filter
- 1 - 4" 30° Flex Boot
- 1 - 4" Coupler
- 1 - Velocity Stack
- 4 - Hose Clamps
- 1 - Sheet Metal Screw
- 1 - Grommet
- 1 - 90° Barbed Fitting
- 1 - MAF Adapter

THIS IS A CUSTOM KIT AND THE TUBE MAY NEED TO BE CUT TO FIT YOUR VEHICLE ENGINE COMBINATION.
THIS KIT IS DESIGNED TO BE USED WITH A BLADE STYLE MAF SENSOR. USE SPECTRE P/N 7153 OR P/N 7155 MAFS CONVERSION KIT IF YOU HAVE A ROUND BOOT IN STYLE MASS AIR FLOW SENSOR.
This conversion kit WILL NOT work with the factory GM ECU or PCM without having it recalibrated. If you do not have extensive EFI tuning knowledge then we HIGHLY recommend that you have a reputable shop or custom calibration company do this for you.

Step 1 - Install the 2" long coupler (with clamps), on the throttle body. Fully tighten the clamp closest to the throttle body. Leave the other clamp loose at this time.

Step 2 - Place the velocity stack adapter/funnel in the heat shield. Install the flex coupler making sure it is pushed completely against the heat shield. Once the adapter and the flex boot are tight against the heat shield, fully tighten the clamp. Install the bulb seal around edges of the shield.

Step 3 - Remove any components from the driver's corner of engine bay and install the heat shield using the existing hardware, most kits utilize the factory body hardware.

Step 4 - Test fit THE SHORT LEG tube LENGTH in throttle body coupler. Make sure there's clearance between the radiator/fan and tube WHILE CENTERING THE TUBE INTO THE FLEX COUPLER. Trim tube to desired dimension and then install tube to throttle body. Now determine THE LONG LEG tube length but keep in mind that the tube needs to go into coupler an inch AND TRIM TUBE TO DESIRED DIMENSION.

Step 5 - If your engine has a hose that is to be connected to the intake tube for the PCV fresh air system, drill a 5/8" hole in the tube at an ideal location and insert the grommet and fitting. This hose MUST be between the throttle body and the mass air flow sensor. To prevent any engine damage, be sure to clean out any metal shavings that might be in the tube before installation.

Step 6 - Place the tube in the flex boot and then install into the coupler on the throttle body. Now determine where you want the MAFS pad to be located. This pad needs to be a minimum of 8-10" from the throttle body. Make sure that there is enough clearance for the electrical connector for the MAF sensor. If you have any questions about locating the MAFS pad we suggest that you contact our technical department for assistance. After you determine the location, place the MAFS pad on the tube and outline the pad and the slot in it. Then you will cut a slot 1/2"wide X 1 1/2" long. To determine the correct direction the MAFS pad will be installed on the tube, put the MAFS into the pad; there is a small arrow on the top of the sensor which needs to point towards the throttle body. Be sure that the mount is positioned correctly on the tube as the sensor will only work if it is installed in the proper air flow direction. Weld the MAFS pad to the tube and reinstall tube. To prevent any engine damage, be sure to clean out any metal shavings that might be in the tube before installation. Once everything is aligned, fully tighten all clamps.

Step 7 - Install the air filter onto the velocity stack adapter with the supplied clamp and fully tighten.

Step 8 - Install the MAF sensor into the intake tube. Install two Phillips screws to secure the sensor and connect the MAFS harness.

If you have any difficulties or questions regarding the installation of this intake system, contact the Spectre Performance Technical Department by email - Tech@spectreperformance.com or by phone 1-909-673-9800 Monday thru Friday 6:00am to 2:00pm PST.

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