

LS9 Blower Spacer Plate

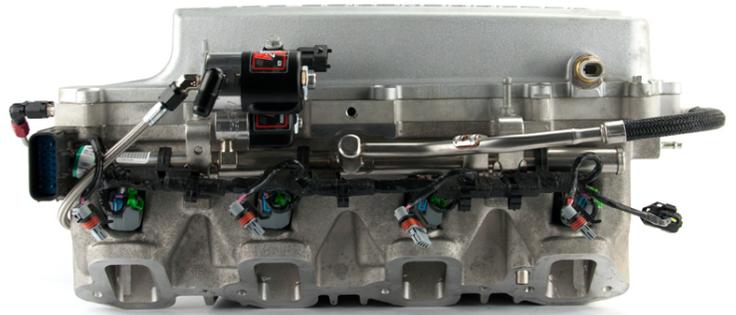
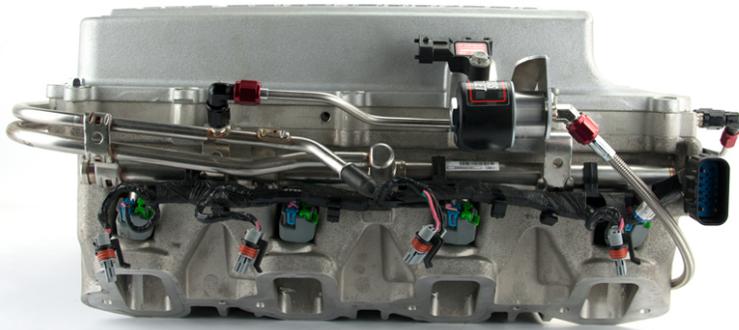
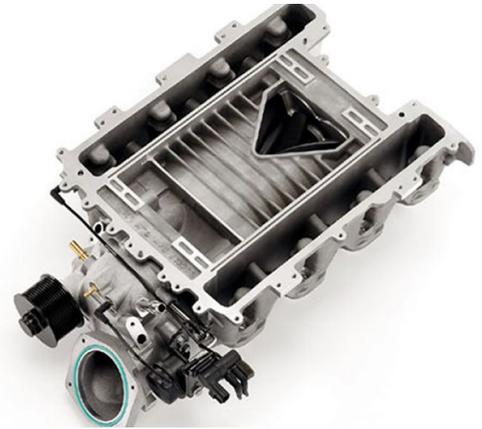
Ls9 Blower Spacer Plate Instructions

Part #'s 00-10172, 00-45021

INSTALLATION INSTRUCTIONS

ATTENTION: Never use teflon tape or teflon paste. Loc-tite is recommended. AN fittings and compression fittings do not require any sealer. Always wear protective gear!

1. Disconnect battery and remove the air induction tube from the throttle body.
2. Remove the gas cap to relieve the pressure from fuel system. Disconnect the air inlet tube and all sensors, vacuum lines and fuel feed lines. Place a rag under the fuel fitting to catch the extra fuel that will spill out. Once everything is disconnected from the blower lid you can remove the lid from the vehicle. You may need to remove the strut tower bar if you have one.
3. You will need to install the K member spacer bolts before installing the lid. To do this you will need to place a jack with a brace in the center of the K member directly underneath the engine. Be VERY careful when doing this as you are supporting the weight of the engine. Loosen the four K member bolts connected to the frame. Remove one of the bolts and slowly let the jack down so that you have just enough room to slide the spacer in and immediately replace the bolt. Repeat for each bolt until all four spacers are in. After all of the K member spacers are in tighten the bolts back to factory torque specs.
4. After removing the factory blower lid you will expose the lower blower housing. Remove the two black gaskets running parallel through the middle of the blower. You will place these gaskets in the same location on the blower spacer. Now place the spray bar plate down on the blower. The plate should line up with all factory holes. Next place the blower lid back down onto the spray bar plate and tighten down with supplied extended reach bolts. The second from rear bolt will hold down the solenoid brackets in the locations as shown below.



LS9 Blower Spacer Plate

Ls9 Blower Spacer Plate Instructions

Part #'s 00-10172, 00-45021

INSTALLATION INSTRUCTIONS

- Once you have placed the blower lid back on and mounted the solenoid brackets, remove the cap and Schrader valve from the fuel rail. Within the system you have a hard line and 90 degree swivel included that you will use to bring the fuel from the fuel rail to the fuel solenoid as shown . To do this you will need to remove the coil from the fuel solenoid, attach the hard line and make sure the b-nut is clocked correctly to allow the fuel solenoid coil to slide back on.
- Your nitrous solenoid will be on the passenger side of the supercharger and come with the required fittings installed. You simply have to hook up your main feed line to the inlet fitting and the supplied hose(Black b-nuts) to the outlet fitting.
- The next step will involve connecting the supplied hard lines to the correct spray bar inlets. The nitrous hard lines will have black fittings and the fuel hard lines will have red fittings. The spray bar plate is marked with an 'N' for nitrous and an 'F' for fuel . Be sure to put the correct jets in the plate fittings for your desired HP setting. Once installed, you can connect the braided hoses from the solenoids to the T fittings in the hardlines.
- Bolt everything back together in the reverse order that it came off. Double check all of your fittings are tight and secure to prevent leaks. Reconnect all of your sensor plugs, vacuum lines, and air inlet tube.
- If your bottle is in the trunk you can run the main feed line under the car to the trunk, its best to run the feed line with the stock fuel line. You will need to drill a hole in the bottom of the trunk to route the line into the trunk. If your bottle is in cab run the nitrous line through the firewall.
- Be sure that wherever your bottle is mounted the bottle nipple is the high end and it is facing straight down. Use the picture below for reference.



LS9 Blower Spacer Plate

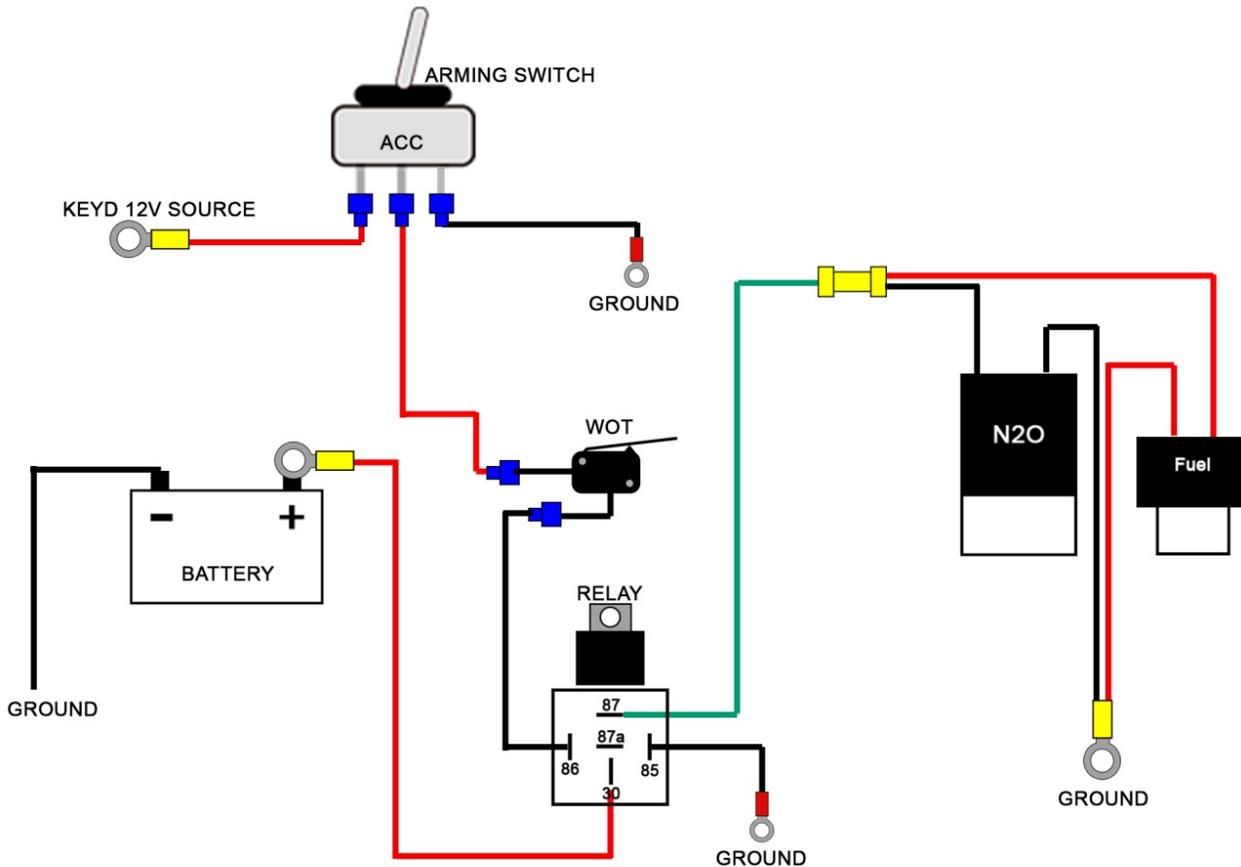
Ls9 Blower Spacer Plate Instructions

Part #'s 00-10172, 00-45021

INSTALLATION INSTRUCTIONS

ELECTRICAL

Using the diagram below you will be able to install the remainder of your system.



Note If you are planning on running a purge, our nitrous solenoid has a purge port on the side marked with a "P". Our purge kits contain a 1/8NPT Male X 1/8NPT Male fitting that you can use to couple the purge solenoid to the nitrous solenoid as shown above.

Attention: This is a custom built product. Jetting may vary from application to application. We strongly suggest dyno tuning with a wide band O2 reading to make sure your air fuel is correct.