



Kong Gen3 LSA/LS9 Billet Supercharger Lid Dry Direct Port System Installation

PART NUMBER: 00-10432-K

INSTALLATION INSTRUCTIONS

This Nitrous Outlet Supercharger Specific Direct Port Conversion is designed specifically for the Kong Gen3 LSA/LS9 Billet Supercharger Lid. If you need any assistance during installation or if you have questions about this spacer plate system, call our Tech Help Line at (254) 848-4300.

Tools Needed for Installation: • 3/16" Allen Wrench • (2) - 7/16" Wrenches • 11/16" Wrench

*These are the tools required for installation of this kit on a stock vehicle. Additional tools may be required for supercharger removal/installation. If your vehicle has aftermarket parts, other tools may be required. *

Step 1 – Lid Disassembly



- Make sure the vehicle is keyed off.
- Remove the (8) 1/8" NPT plugs in the lid. If the supercharger is installed in a vehicle, it is not necessary to remove the entire unit from the car.

Step 2 – Nozzle Installation



- The Kong Gen 3 kit come with 8 nozzles. 2 nozzles are unmodified. They can be distinguished by the 1/8" NPT thread spaced away from the hex flats.



- 6 nozzles have been modified by relocating the 1/8" NPT thread closer to the hex flats.



- Apply red Loc-tite on the NPT threads of the unmodified nitrous nozzles.

IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s). Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting during and/or from the installation of any product(s). Nitrous oxide is for off-road use only.

WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES



Kong Gen3 LSA/LS9 Billet Supercharger Lid Dry Direct Port System Installation

PART NUMBER: 00-10432-K

INSTALLATION INSTRUCTIONS



- Using a 7/16" wrench, tighten the (2) unmodified nozzles in the 1/8"NPT ports on each side at the back of the supercharger lid. Make sure to point the discharge hole directly down toward the bottom of the lid. The dimple on the hex flat is aligned with the discharge hole of the nozzle for easier alignment. This will allow the nitrous to inject directly into the intake runners.



- Make sure the nozzle is firmly tighten in place. In theory there should be 3/16" amount of thread exposed but could vary.



- Apply red Loc-tite on the NPT threads of the nitrous nozzle.



- Using a 7/16" wrench, tighten the (6) modified nozzles in the remaining 1/8"NPT ports on the supercharger lid. Make sure to point the discharge hole directly down toward the bottom of the lid. The dimple on the hex flat is aligned with the discharge hole of the nozzle for easier alignment. This will allow the nitrous to inject directly into the intake runners.



- Make sure the nozzle is firmly tighten in place. In theory there should be 3/16" amount of thread exposed but could vary.

IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s).

Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting during and/or from the installation of any product(s). Nitrous oxide is for off-road use only.

WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES



Kong Gen3 LSA/LS9 Billet Supercharger Lid Dry Direct Port System Installation

PART NUMBER: 00-10432-K

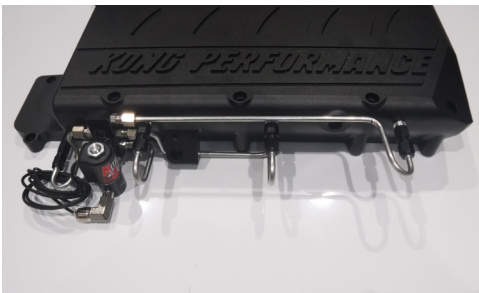
INSTALLATION INSTRUCTIONS



Step 3 – Jet Installation

- Install the nitrous and fuel jets into the nozzles.

****Notes:** Use the jet card that came with the nitrous system to choose the correct jetting recommendation for your desired horsepower.



Step 4 – Hardline Installation

- The hardlines will come pre-assembled. The distribution block and solenoid will be positioned at the rear of the supercharger lid with the hardline b-nuts pointed toward the nozzles.



- The hardline for the front nozzle will go above the MAP sensor boss and the hardline for the second from the front nozzle will go under the MAP sensor boss.



- Repeat Steps 2-4 on the opposite side of the supercharger lid.



Step 8 – Bottle Installation

- Place the stainless clamps that came with the nitrous system around the nitrous bottle. Position the clamps mounting tabs so that they both sit flush to the floor under the bottle and tighten the brackets around the bottle.

****Note:** The taller bracket will go at the top of the bottle and the shorter bracket will go at the bottom of the bottle.

IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s).

Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting during and/or from the installation of any product(s). Nitrous oxide is for off-road use only.

WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES



Kong Gen3 LSA/LS9 Billet Supercharger Lid Dry Direct Port System Installation

PART NUMBER: 00-10432-K

INSTALLATION INSTRUCTIONS



- Place the nitrous bottle back in its desired location. Using a sharpie mark the mounting tabs bolt holes. Then remove the bottle from the vehicle.



- Check under the vehicle and make sure the area you will be drilling holes in, is clear of any electrical, braking, exhaust, or fuel system components. Then use a center punch to mark the center of your marks. Drill the holes you marked.



- Place Bottle back in location, make sure the bolt holes line up, and bolt the brackets in place.



Step 9 – Nitrous Feed Line Installation

- Using tape, cover both ends of the 6AN feed line to keep debris from getting in.



- Route your nitrous feed line through your vehicle, making sure to avoid sharp and hot areas.

IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s).

Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting during and/or from the installation of any product(s). Nitrous oxide is for off-road use only.

WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES



Kong Gen3 LSA/LS9 Billet Supercharger Lid Dry Direct Port System Installation

PART NUMBER: 00-10432-K

INSTALLATION INSTRUCTIONS



- It may be necessary to drill through certain areas to route the nitrous feed line.



- Remove the tape from both ends of the feed line and blow the hose out with compressed air.



- Using an 11/16" wrench tighten the the 6" & 22" 6AN nitrous feed lines to the provided 6AN Y fitting.



- The 6" feed line should be routed to the side of the vehicle with the main feed line. The 22" feed line should be routed to the other side of the vehicle.



- Using an 11/16" wrench tighten the main feed line on to the Y fitting assembly.

IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s).

Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting during and/or from the installation of any product(s). Nitrous oxide is for off-road use only.

WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES



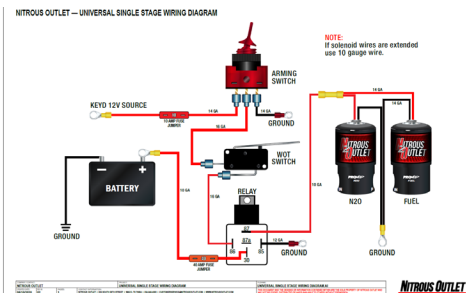
Kong Gen3 LSA/LS9 Billet Supercharger Lid Dry Direct Port System Installation

PART NUMBER: 00-10432-K

INSTALLATION INSTRUCTIONS



- Attach the main feed line using an 11/16" wrench.



Step 10 – Wiring

- This step will cross over into the installation of other components you're installing in conjunction with the nitrous system, such as nitrous controller, bottle heater, purge etc. Use the diagrams that came with those components to route the wiring.

****Note:** The diagram to the left is a basic system diagram with a WOT Switch. To view a larger diagram, turn to the last page of these instructions, however, you should be using a nitrous controller that incorporates a window safety switch with TPS activation.

Conclusion

- You have finished your installation.



IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s).

Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting during and/or from the installation of any product(s). Nitrous oxide is for off-road use only.

WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES

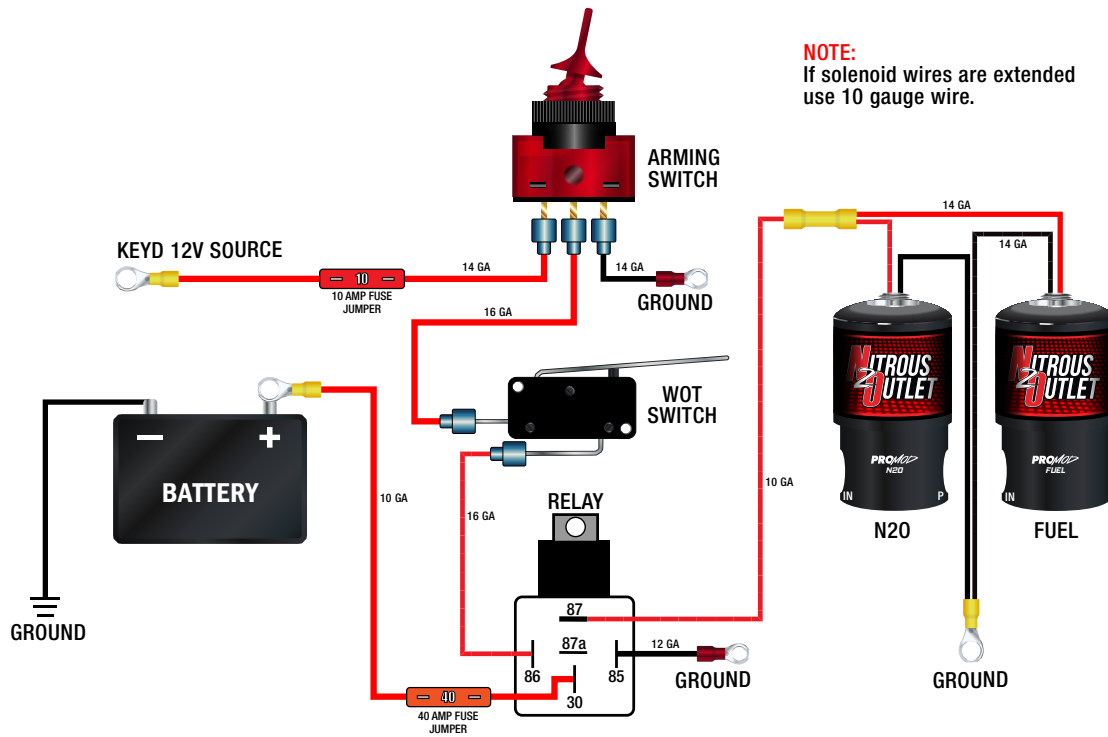


Kong Gen3 LSA/LS9 Billet Supercharger Lid Dry Direct Port System Installation

PART NUMBER: 00-10432-K

INSTALLATION INSTRUCTIONS

NITROUS OUTLET — UNIVERSAL SINGLE STAGE WIRING DIAGRAM



NITROUS OUTLET		UNIVERSAL SINGLE STAGE WIRING DIAGRAM		UNIVERSAL SINGLE STAGE WIRING DIAGRAM.AI	
08/10/2020	02	1	NITROUS OUTLET 305 SOUTH 28TH STREET WACO, TX 76704 254.848.4300 CUSTOMERSERVICE@NITROUSOUTLET.COM WWW.NITROUSOUTLET.COM	THIS DOCUMENT AND THE DESIGN OR INFORMATION CONTAINED WITHIN ARE THE SOLE PROPERTY OF NITROUS OUTLET AND MAY NOT BE COPIED, DISTRIBUTED OR MADE AVAILABLE TO OTHERS WITHOUT PERMISSION.	



IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s).

Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting during and/or from the installation of any product(s). Nitrous oxide is for off-road use only.

WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES