



2019 C7 ZR1 Corvette Plate Conversion

PART NUMBER: 00-42037

INSTALLATION INSTRUCTIONS

This Nitrous Outlet Vehicle Specific Plate Conversion is designed specifically for the 2017 - Present Chevrolet Corvette ZR1. If you need any assistance during installation or if you have questions about this plate system, call our Tech Help Line at (254) 848-4300.

Tools Needed for Installation*:

- 7mm Socket
- 10mm Deep Socket
- 13mm Deep Socket
- Ratchet
- 6" Extension
- 3/8" Wrench
- 7/16" Wrench
- 9/16" Wrench
- Flat Head Screwdriver
- Phillips Head Screwdriver
- Air Valve Tool

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



Step 1:

Open the rear hatch, lift the carpet, and remove the cover over the battery. Disconnect the battery by removing the cover over the positive terminal and loosening the nut from the terminal with a 13mm socket.



Step 2:

Open the hood. Using a 10mm deep socket and extension, remove the 4 bolts holding the carbon fiber cover. Remove the cover from the vehicle.

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 RESULTING IN THE INSTALLATION OF ANY PRODUCT(S). NITROUS OXIDE IS FOR OFF-ROAD USE ONLY.

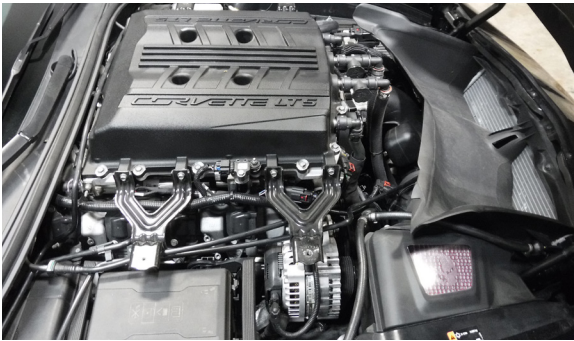
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Step 3:

Using a 7mm socket remove the 2 upper screws on the radiator heat extractor. Using a 10mm deep socket with extension, remove the 2 lower screws on the radiator heat extractor and remove it from the vehicle.



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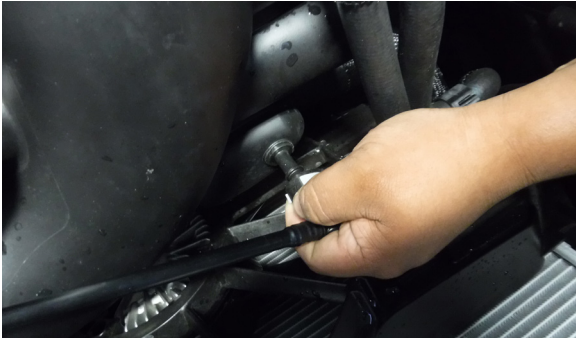
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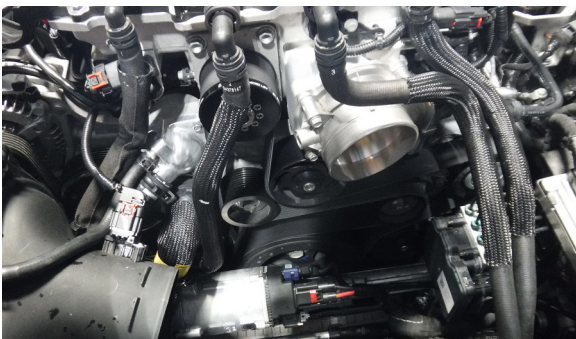
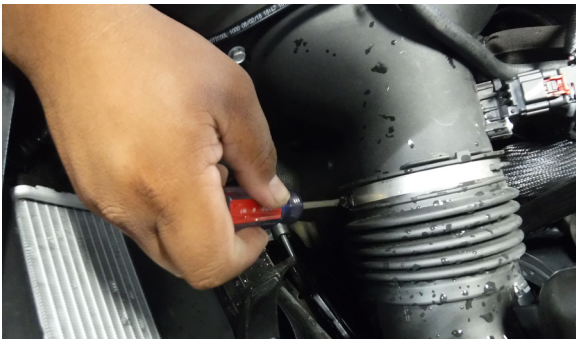
Step 4:

Disconnect the PCV connector on the intake tube.



Step 5:

Using a flat head screwdriver, loosen the clamps on the intake tube at the throttle body and the air filter box. Remove the tube from the vehicle.



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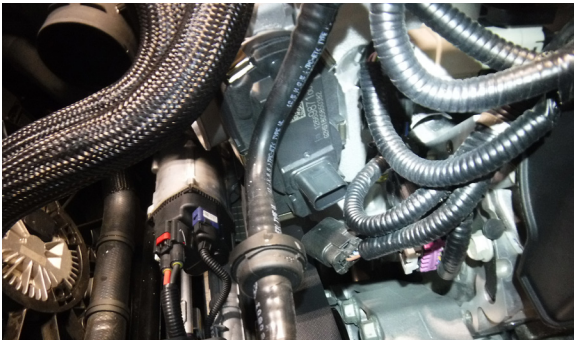
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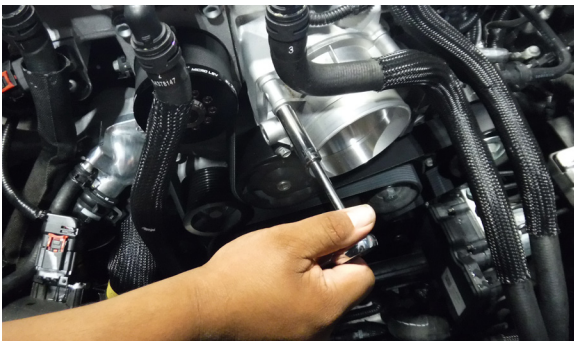
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Step 6:

Disconnect the throttle body position sensor.



Step 7:

Using a 10mm deep socket and extension, remove the 4 throttle body bolts and remove the throttle body from the vehicle.



Step 8:

Using a Phillips head screwdriver, install the solenoids on to the bracket as shown. Install the 90° fittings on the "IN" port of the solenoids as shown.

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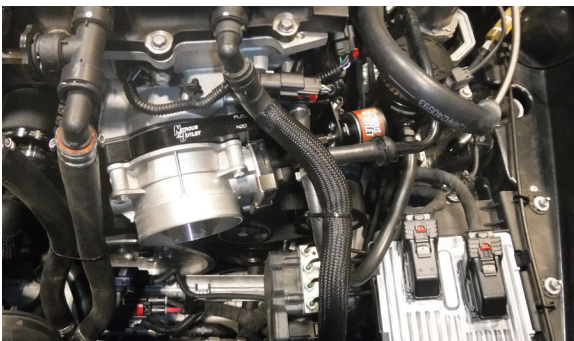
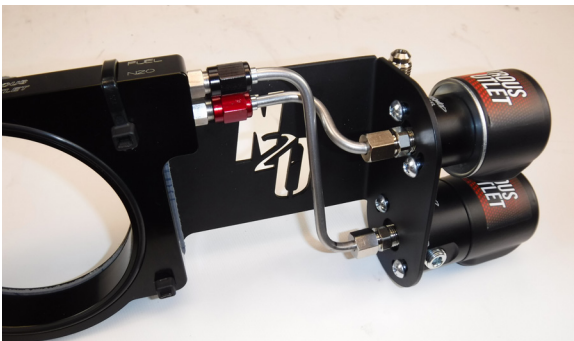
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Step 9:

If you have purchased the optional hardline kit, install the hardlines. Red on the fuel fitting and black on the N2O fitting. Use a 3/8" wrench to hold the jet fitting on the plate and use a 7/16" wrench to tighten the hard line onto the plate. Do not over-tighten the B-nut, it only needs to be snugged down. Use a 7/16" wrench to tighten them down on the solenoids. Using the jet chart that came with your nitrous system, find the recommended jetting for the amount of horsepower you are wanting to add. Then, place the jets into the correct fitting on the nitrous plate.



Step 10:

Using the supplied hardware, install the plate system in this order:

- 1: Solenoid bracket
- 2: Gasket
- 3: Plate
- 4: Throttle body



Step 11:

Using a 10mm deep socket, remove the 2 bolts from the engine cover bracket on the left front side of the supercharger and remove the bracket from the vehicle.

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Step 12:

Disconnect the wiring connector from the left front of the supercharger.



Step 13:

Disconnect the PCV tube from the left front of the supercharger.



Step 14:

Disconnect the wiring connector from the front of the left side fuel rail service port.



Step 15:

Using an air valve tool, remove the Schrader Valve from the stock fuel rail.

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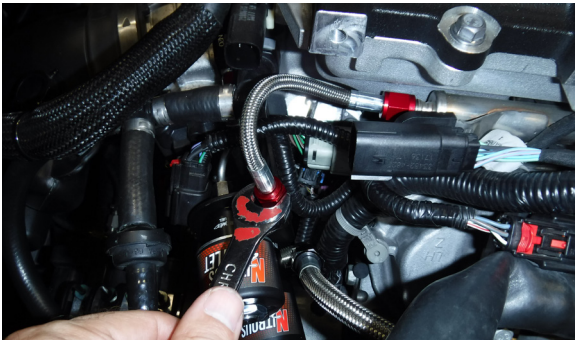
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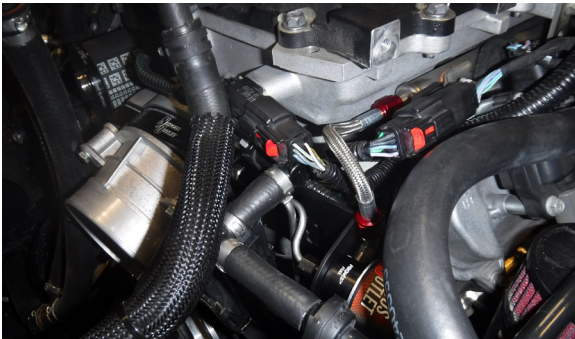
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Step 16:

Using a 9/16" wrench, install the fuel supply hose between the fuel rail and the fuel solenoid.



Step 17:

Reconnect the PCV tube and 2 electrical connectors.



Step 18:

Reinstall the engine cover bracket.



Step 19:

Connect your existing nitrous line to the nitrous solenoid.

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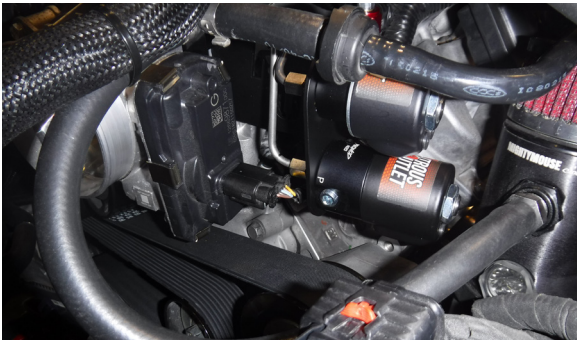
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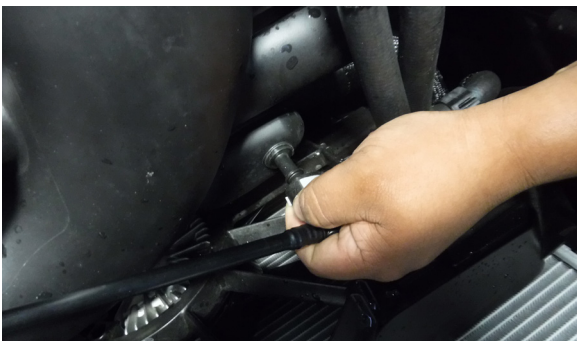
Step 20

Reconnect the throttle position sensor.



Step 21:

Reinstall the intake tube and reconnect the PCV line.



Step 22:

Reinstall the radiator heat extractor.



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Step 23:
Reinstall the engine cover.



Step 24:
Reconnect the battery.

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