



GM 102mm Texas Speed Titan LR-T, SR-1, SR-3, SR-7 Intake Hard-line Plate System

PART NUMBER: 00-10129-TST

INSTALLATION INSTRUCTIONS

This Nitrous Outlet system is designed specifically for the BTR Equalizer Intake. 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*:

- Phillips Screwdriver
- 7/16" Wrench
- 9/16" Wrench
- 17mm Wrench
- 5mm or 3/16" Allen
- Flat Tipped Screw Driver
- Tools to disconnect battery

***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:

Disconnect the battery.



Step 2:

If you are getting your fuel feed from the fuel rail you need to bleed off the fuel pressure. Place a rag under one of the fuel fittings and loosen the fitting slowly. Using the rag to catch excess fuel. If you are using a dedicated fuel cell you will connect the fuel line later.



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.

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Step 3:

Disconnect the air intake tube to the throttle body.



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Step 4:

Disconnect all the sensors and cable attached to the throttle body. I.e: throttle position sensor(tps), maf sensor, and idle air control.



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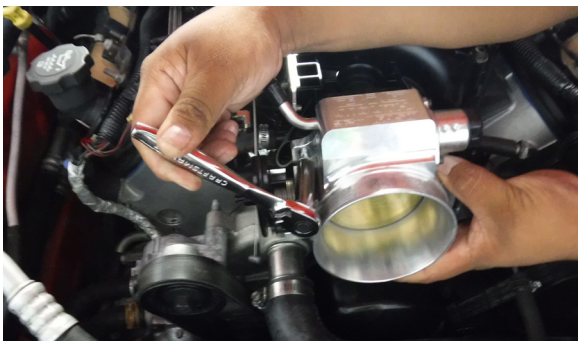
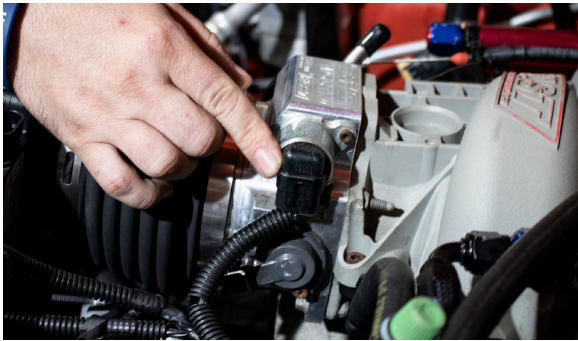
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Step 5:

Remove the 4 throttle body bolts and remove the throttle body from the intake manifold.



Step 6:

Place the new supplied throttle body bolts in the throttle body and nitrous plate with the o-ring facing the throttle body. Install the throttle body and plate assembly onto the intake manifold.

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Step 7:

Remove the front lid bolt from both sides of the intake manifold.



Step 8:

Place the supplied spacers in the machined boss of the intake manifold lid.



Step 9:

Install the solenoid bracket assemblies. The nitrous solenoid must be installed on the passenger side and the fuel solenoid must be installed on the driver side.



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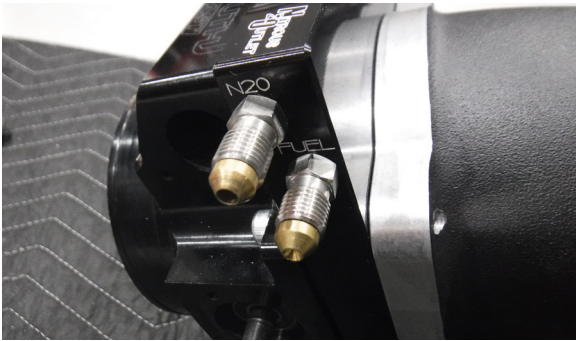
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Step 10:

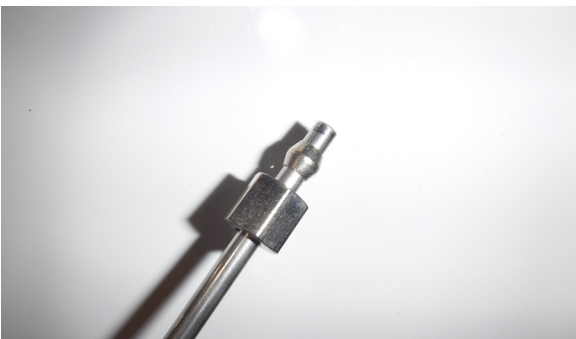
Install the nitrous and fuel jet into the nitrous plate. The plate is engraved N2O for nitrous jet location and engraved FUEL for fuel jet location.

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



Step 11:

Remove the nut and compression ferrule from the solenoids exit fittings located at the bottom of the solenoids.



Step 12:

Using the hardline with the red b-nut, slide the compression nut and ferrule on the opposite end of the b-nut.

****Note:** The nut slides on first and then the ferrule.



Step 13:

Holding the nut and ferrule in place slide the hardline into the fuel solenoid exit fitting. Finger tighten the compression nut onto the solenoid exit fitting and the red b-nut onto the fuel jet holder fitting.

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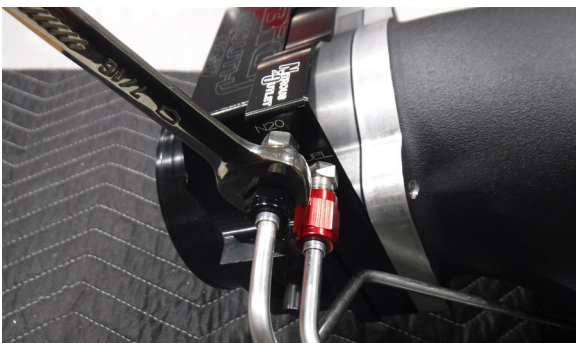
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Step 14:

Repeat the same steps to install the nitrous hardline.



Step 16:

Using a 7/16" wrench, tighten the compression and b-nuts on each hardline.



Step 17:

Using a 17mm wrench, install the supplied swivel fitting on the front of the driver's side fuel rail AN fitting.

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Step 18:

Using a 9/16" wrench, install the 12" long fuel supply hose between the 90 fitting on the swivel adapter and the solenoid.



Step 19:

Reconnect your throttle cable, tps, and iac.



Step 20:

Re-install your intake tube and connect your maf.

Step 21:

Connect your nitrous main feed hose.

Step 22:

Make your electrical connections and check for leaks.

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