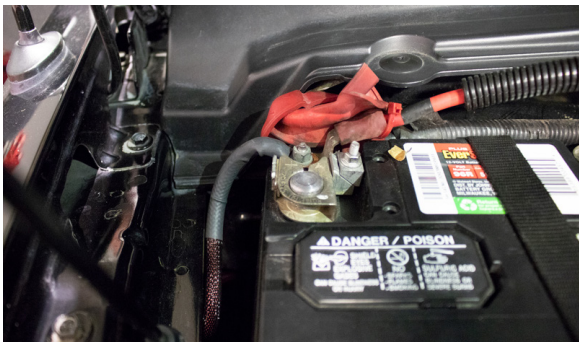
X-Series Weekend Warrior Nitrous Plate

INSTALLATION INSTRUCTIONS

Thank you for purchasing the highest quality nitrous system on the market. Nitrous Outlet strives to offer the best product with the best price and customer service available. Nitrous Outlet has trained professionals on staff to help with any technical questions you may have before and after your installation. You can contact Nitrous Outlet at 254-848-4300 and select option 2 or techsupport@nitrousoutlet.com.

Use red loc-tite on all pipe thread connections. Do NOT use any type of sealer on the AN fittings (Flare, hose, and bottle connections) AN Fittings are designed to use the tapered seat to seal. NEVER USE TEFLON TAPE OR PASTE. If you use loc-tite you will need to heat the connector to loosen.



Step 1:
Disconnect battery and remove the air filter from the throttle body/Carburetor.

Step 2:
Release all pressure from the vehicles fuel system by removing the gas cap.

Step 3:
Remove the throttle cable from the throttle body/Carburetor.

X-Series Weekend Warrior Nitrous Plate

INSTALLATION INSTRUCTIONS

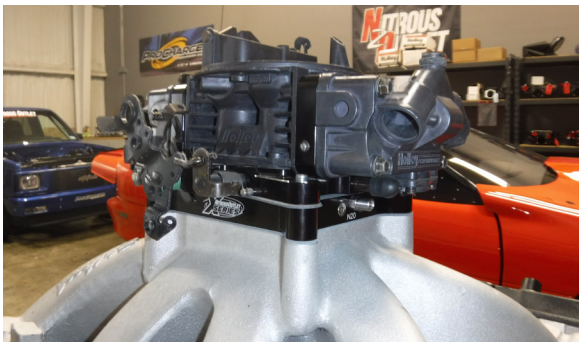
Step 4:
Disconnect the vacuum hoses, TPS, and IAT sensors from the throttle body, and fuel feed if carbureted.

Step 5:
Remove the throttle body/Carburetor from the intake and clean up any gasket residue.

Step 6:
Because there are so many options for carbureted/plate applications we do not supply the extended bolts you will need to attach the throttle body/Carburetor back to the intake.

X-Series Weekend Warrior Nitrous Plate

INSTALLATION INSTRUCTIONS



Step 7:

Place the X-Series plate between the intake and the throttle body/Carburetor with the fuel fitting in front. Do a visual inspection to make sure you clear everything on top of the engine. Always use new gaskets!

Step 8:

Install the solenoids using the supplied brackets. Fuel solenoid in front, nitrous solenoid in back. The solenoids can be mounted vertically, horizontally or upside down.

Step 9:

After you are sure that the bracket and solenoids are free from rubbing or coming into contact with moving parts you are ready to bolt the throttle body/carburetor back down using your intakes suggested torque specs.

X-Series Weekend Warrior Nitrous Plate

INSTALLATION INSTRUCTIONS

Step 10:
Connect the main nitrous feed hose to the nitrous solenoid.

NOTE: Before attaching, purge the main feed line to remove any debris from the line. You can do this by blowing compressed air into the line while having an assistant hold the other end away from the car and any bystanders. Immediately after purging attach the feed line to the nitrous solenoid and the bottle nipple.

Now, connect the fuel feed hose to the fuel solenoid and to the fuel supply source. We include universal type fuel adapter fittings, but for a vehicle specific fuel rail adapter, visit nitrousoutlet.com or call a tech at 254-848-4300.

Step 11:
Once both nitrous and fuel lines are connected to the solenoids take the other ends of the hoses and connect them to the plate making sure you run the nitrous hose to the nitrous side of the plate and the fuel to the fuel side. Remember, before connecting the hoses don't forget to place the nitrous and fuel jets in the plate fittings before connecting the hose.

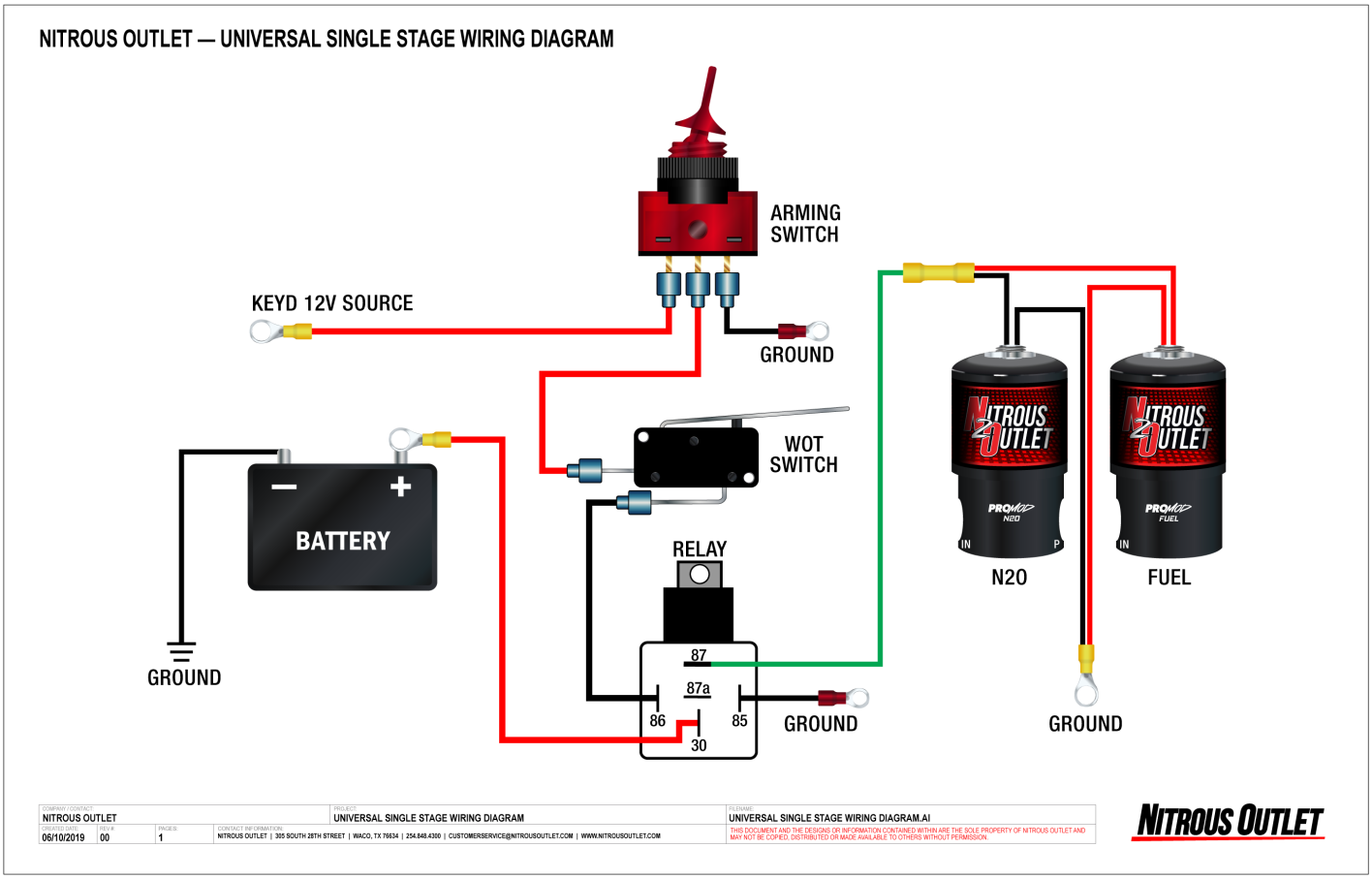
Step 12:
Re-assemble your throttle body/Carburetor and install the wide open throttle switch so that the throttle lever clicks the switch at WOT using the supplied universal bracket. This will be your system activation.

Step 13:
Find a good place for your arming switch in the cab and note its position.

X-Series Weekend Warrior Nitrous Plate

INSTALLATION INSTRUCTIONS

Step 14: Using the wiring diagram below you can wire up the rest of your system.



Step 15:

Bottle mounting is very important. 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. For further instructions regarding bottle mounting refer to the Nitrous Bottle Placement Instructions on the next page.

Attention: Using the provided jets and jet chart will be a great starting point, but jetting may vary from application to application. We strongly suggest dyno tuning with a wide band 02 reading to make sure your air fuel is correct and by reading the spark plugs. We HIGHLY suggest running dual stage systems on a nitrous controller such as our ProMax Progressive Controller or our WinMax TPS/RPM Activated Window Switch. You can purchase these from our website www.nitrousoutlet.com, or by calling one of our specialists at 254-848-4300 and selecting option 1.

Nitrous Bottle Placement

INSTALLATION INSTRUCTIONS

Bottle placement is critical to the performance of your nitrous system.

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.

It is important to mount your nitrous bottle properly in order to ensure that the siphon tube located in the nitrous bottle picks up liquid nitrous.
If mounting the bottle in lay-down position, the bottle valve must be towards the front of the vehicle with the label facing up.

If mounting the bottle vertically, the valve handle and label must face toward the front of the vehicle. This position will orientate the siphon tube at the back of the bottle where the liquid nitrous will be during acceleration.

If mounting the bottle sideways in the vehicle the valve handle and label must be angled around 45° toward the front of the vehicle. This position will orientate the siphon tube at the back of the bottle where the liquid nitrous will be during acceleration.

1. Insert the bottle nipple into the bottle nut and tighten on to the bottle valve. Fasten bottle brackets around the bottle. Use the illustration as a guide for proper bottle and bracket orientation.

2. Place the bottle, still in the brackets, in a mounting location that will provide easy access. Using the brackets as a pattern, mark and drill four 3/8” holes.

3. Remove the bottle form the brackets and bolt the brackets down using the supplied hardware. NOTE: Before drilling check for fuel tank, lines, wiring, etc. Secure bracket using the four supplied 5/16” bolts.