



# Nitrous Bottle Filling Instructions

## FILLING INSTRUCTIONS

### Bottle Filling Instructions

#### Bottle Filling Tips:

- If the nitrous Mother bottle does not have a pick-up tube, the mother bottle will need to be turned upside down. The Nitrous Outlet Mother Bottle Stand will be needed. (Part number 00-68001)
- If the nitrous mother bottle is cold due to air temperature, The Nitrous Outlet Mother Bottle Heater will be needed. (Part number 00-64003)
- Always keep track of how much nitrous has been taken from the mother bottle to prevent filling the nitrous bottle with air.
- If the nitrous bottle you are filling is hot you will need to cool it before filling.

#### Safety Tips:

- Direct contact with nitrous oxide will cause severe frost bite. Avoid contact to body
- Never directly inhale nitrous oxide as vehicle applications contains sulfur. Inhaling any amount of nitrous oxide can cause respiratory ailments and/or death by suffocation.
- Always wear hand and eye protection when performing bottle fills.
- Never allow oil, grease, or any other combustible substances to come in contact with cylinders, valves, solenoids, hoses and fittings. Oil and certain gases (such as oxygen and nitrous oxide) may combine to produce a flammable condition.
- Use caution, these components are under high pressure and can cause bodily injury or death.



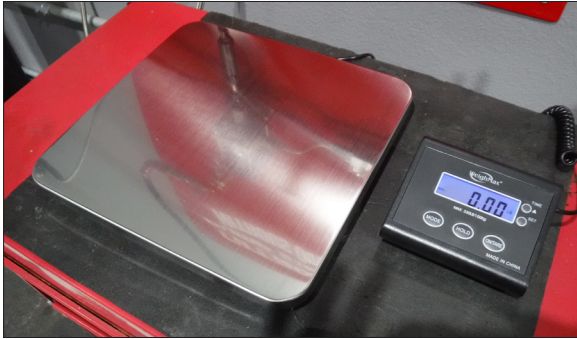
**IMPORTANT:** All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s). Nitro Dave's LLC accepts NO responsibility for injuries resulting in the installation of any product(s). Nitrous oxide is for off-road use only.

[WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES](http://WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES)



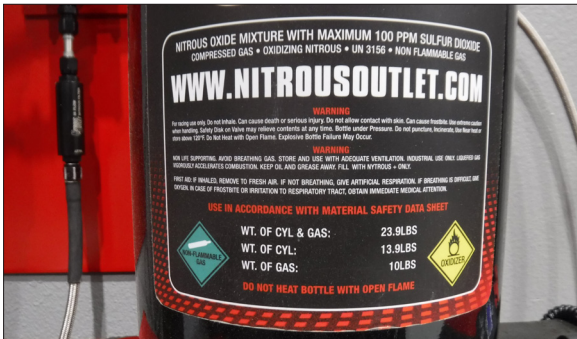
# Nitrous Bottle Filling Instructions

## FILLING INSTRUCTIONS



**Step 1 - Determine how much nitrous is needed to fill the bottle.**

- Turn on your scale and zero it out.



- The nitrous bottle you are filling should have a label on the bottle that states the empty weight and a full weight.



- Set the bottle you are filling on the scale.
- Take the scale weight and subtract the empty weight shown on the bottle label.
- This is the amount of nitrous needed to fill the bottle.



**Step 2 - Preparation**

- Make sure the air supply shut off valve is closed.

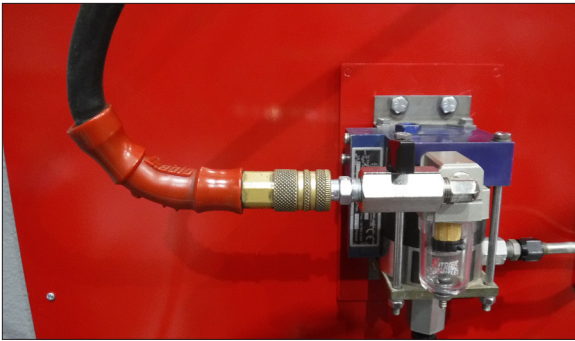
**IMPORTANT:** All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s). Nitro Dave's LLC accepts NO responsibility for injuries resulting in the installation of any product(s). Nitrous oxide is for off-road use only.

[WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES](http://WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES)



# Nitrous Bottle Filling Instructions

## FILLING INSTRUCTIONS



- Connect the air supply to the nitrous pump.



- Make sure the bottle valve is closed on the bottle you are filling.



- Make sure the pump station's inline shut off valve is closed.



- Using a wrench, tighten the pump station feed hose to the bottle valve on the bottle you are filling.

**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.

[WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES](http://WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES)



# Nitrous Bottle Filling Instructions

## FILLING INSTRUCTIONS



- Open the bottle valve on the nitrous mother bottle.



- Partially open the inline shut off valve, slowly.



- Using a wrench, slowly loosen the feed hose at the bottle valve you are filling until it starts leaking.



- When the discharge switches from clear air to a solid white nitrous cloud tighten the feed hose.

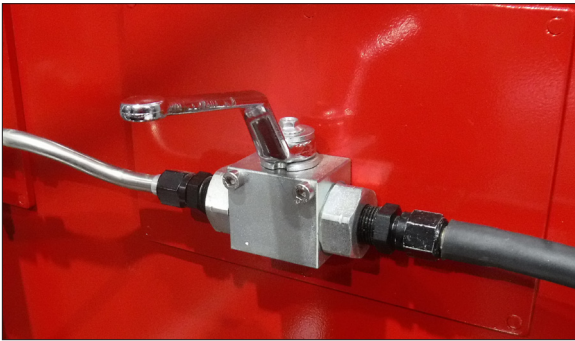
**IMPORTANT:** All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s). Nitro Dave's LLC accepts NO responsibility for injuries resulting in the installation of any product(s). Nitrous oxide is for off-road use only.

[WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES](http://WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES)



# Nitrous Bottle Filling Instructions

## FILLING INSTRUCTIONS



- Close the inline shut off valve.

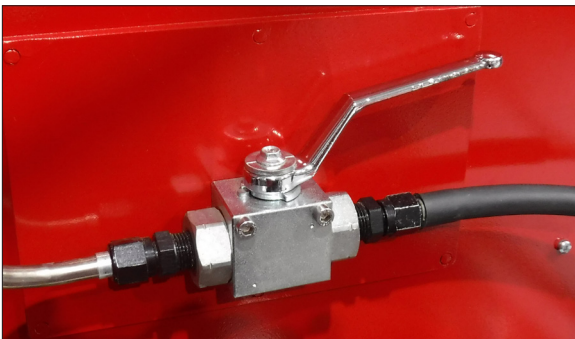


- Zero out the scale.



### Step 3 - Nitrous Transfer

- Slowly open the bottle valve on the bottle you are filling.



- Slowly open the inline shut off valve until it is fully open.

**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.

[WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES](http://WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES)



# Nitrous Bottle Filling Instructions

## FILLING INSTRUCTIONS



- The nitrous pressure will equalize between the mother bottle and the bottle you are filling. Watch the weight on the scale to make sure it does not over fill the bottle.



- Once the gravity filling process stops open the air supply shut off valve to activate the pump.



- When the scale reaches the weight needed close the shut off valve to the air supply on the pump.



- Close the valve on the bottle you are filling.

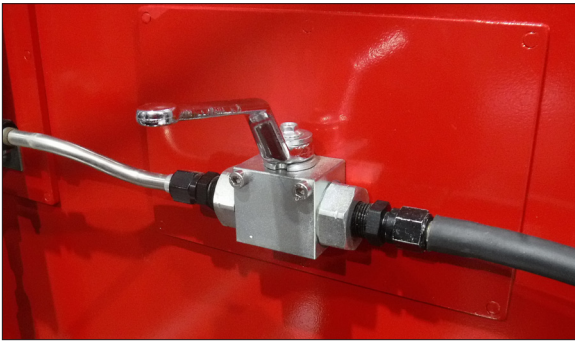
**IMPORTANT:** All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s). Nitro Dave's LLC accepts NO responsibility for injuries resulting in the installation of any product(s). Nitrous oxide is for off-road use only.

[WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES](http://WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES)



# Nitrous Bottle Filling Instructions

## FILLING INSTRUCTIONS



- Close the inline feed hose shut off valve.



- Close the mother bottle valve.



- Loosen the hose at the bottle valve you are filling.



- Allow the nitrous to leak until the hose is unpressurized and disconnect the hose.

**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.

[WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES](http://WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES)



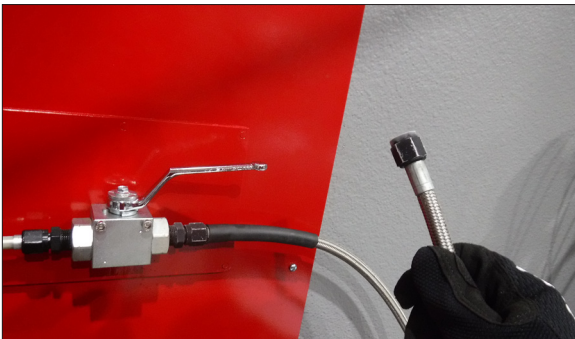
# Nitrous Bottle Filling Instructions

## FILLING INSTRUCTIONS



### CONCLUSION

You are done filling the bottle.



If you are not filling another bottle, Hold the nitrous hose firmly and slowly bleed nitrous pressure from the feed pump by partially opening the inline shut off valve.

**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.

[WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES](http://WWW.NITROUSOUTLET.COM/INSTALLATION-GUIDES)