

Read all Instructions before beginning!!!!

Caution – EXTREME DANGER – Caution

Do not use or mix any other manufacturer's products with any Nitrous Express products.

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THESE INSTRUCTIONS APPLY TO NITROUS EXPRESS PRODUCTS ONLY!

FOR SANCTIONED RACE USE ONLY - NOT FOR SALE OR USE IN CALIFORNIA

REMOTE BOTTLE OPENER - PN 11107

This bottle valve opener will allow you to stay in the comfort of your seat and open your nitrous bottle. Nitrous Express has designed the opener to work with NX bottles with Lightning Valves.

1. Remove the bottle from the vehicle.
2. Install a cap onto the nipple to prevent nitrous flow.
3. Open the valve completely (Do not over open the valve). This will give the proper installation height for the opener to work without binding. (See Illustration A)
4. Remove the plastic cap on hand wheel by prying up gently. This will exposing the ½" Nut
5. Using a ½" socket, remove the nut and the hand wheel from the top of the bottle valve.
6. Install the adapter collar around the top of the bottle valve just below the hand wheel. (See Illustration B.)
7. Tighten allen-head bolt on collar to secure it to the valve.
8. Install the valve opener gear over the square brass stem on the top of valve. (See Illustration B)
9. Install the nut from the original hand wheel onto the opener gear.
10. Install the opener body and motor assembly over valve and collar making sure the gear on the drive motor meshes with the bottle gear correctly and the hole for the thumb-screw is properly aligned. NOTE: IF THE GEARS DO NOT MESH CORRECTLY, THE MAIN BODY WILL NOT SET DOWN PROPERLY AND DAMAGE TO THE DRIVE MOTOR TRANSMISSION IS POSSIBLE
11. Tighten the thumbscrew securely (HAND TIGHT ONLY!). (See Illustration C)



Wiring Your Opener

1. Install the seals and male weather pack terminals on the wires coming from the opener motor. The wires going to the activation switch will use female terminal ends. Slide the terminals into the weather pack housings. **NOTE: CARE MUST BE TAKEN TO INSTALL THE TERMINALS WITH THE CORRECT WEATHER PACK HOUSING. IMPROPER INSTALLATION WILL NOT ALLOW THE TWO HALFS TO PUSH TOGETHER.**
2. Connect the blue wire of the opener motor to the opener switch Terminal E. Connect the black wire of the opener motor to the opener switch terminal D. (See Illustration E.)
3. Using 14 gauge wire, connect the switched +12v (Terminal A) of the opener switch to an ignition switch controlled 12-volt positive source. Using 14 gauge black wire, connect the ground terminals of the opener switch to ground (Terminal C).
4. The switch has an internal light for easy location a night. This wire (Terminal L) will connect to an interior lighting wire for proper dimming function to work. To locate this power source consult a wiring manual for your vehicle.
5. To complete the installation, reinstall the bottle, and plug the weather pack connectors together. Turn the vehicle on and press the "close" side of the opener switch for roughly 2 seconds. The opener should completely close the bottle valve. Slowly remove the 4an cap on the bottle nipple. **WARNING NITROUS HAS EXTREMELY COLD PROPERTIES! FROST BITE MAY OCCUR IF CONTACT WITH THE SKIN!** A small amount of nitrous will escape, if the valve is leaking reinstall the cap and cycle the opener open and closed and recheck for leaks.

Illustration D



Illustration E

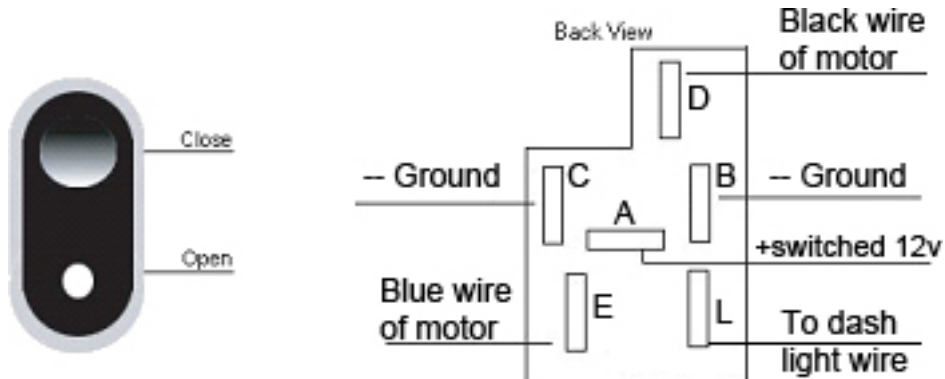


Illustration F

