

Heated Bottle Bracket

Part 's 00-64000, 00-64001-4, 00-64001-6

INSTALLATION INSTRUCTIONS



00-64000



00-64001-4/6

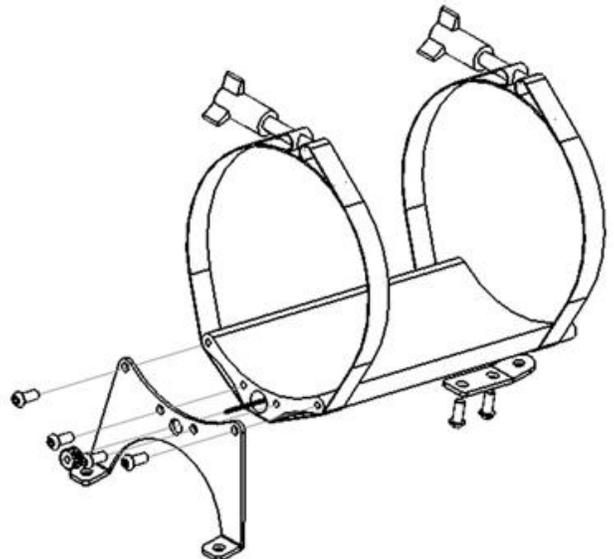
Included in this Kit

Description	Qty	Part Number
1. Front/Rear Mounting Bracket	1	03-30121
2. Heated Bottle Cradle	1	03-30120
3. H.D. Relay w. Harness*	1	00-52002
4. Band Clamps	2	03-30164
5. -4AN/-6AN Manifold*	1	00-01701/00-01705
6. 18 awg Blue Wire*	6ft	N/A
7. 14 awg Red Wire*	12ft	N/A
8. Pressure Switch*	1	00-60002
9. Elec. Hardware Bag*	1	00-59100

* 00-64001-4/6 only

-Step 1- Assembly of Bracket

1. Install the small rubber grommet into the center hole of the front mounting bracket.
2. Push the 2 heater wires through the center of the grommet and press the front mounting bracket flush against the front of the bottle cradle.
3. Attach the front mounting bracket to the bottle cradle using the 4 stainless steel 1/4-20 button head cap screws.
4. Attach the rear mounting bracket with 1 band clamp between it and the bottle cradle. **Do not** tighten the bolts at this time.
5. Place the other band clamp between the 5/16" stud and the front bracket and attach it using the 5/16 nut, lock washer, and washer. **Do not** tighten the nut at his time.



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-Step 2-

Install the Bracket in the Vehicle

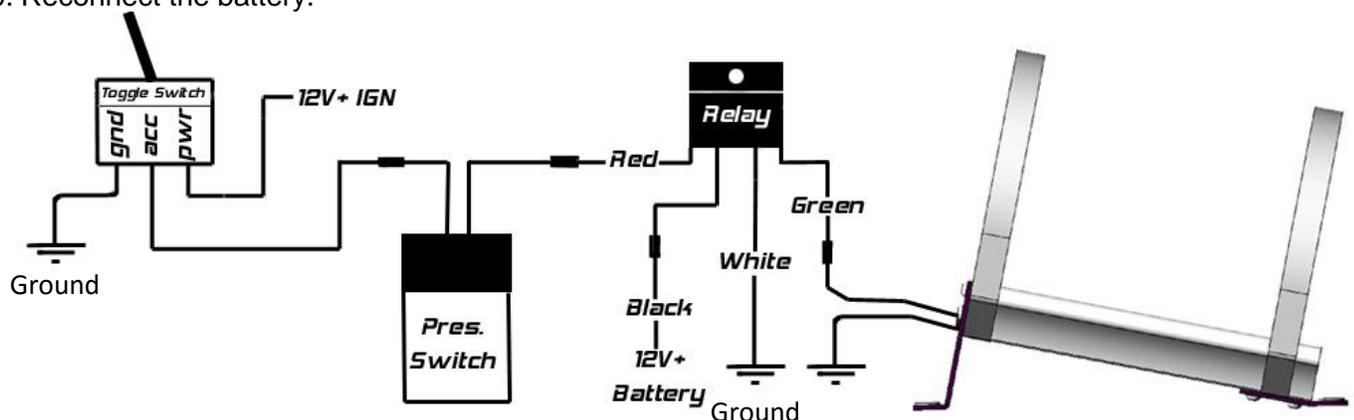
1. Refer to the nitrous systems manual for bottle location requirements. It is very important to position the bottle properly to ensure liquid nitrous exits the bottle with no gaseous nitrous.
2. With the bottle bracket in the car, clock or flip the band clamps to a desired location. Then tighten rear mounting bracket bolts and front band clamp nut.
3. Once the location/ position has been determined, mark the 3 mounting holes and drill holes for the 5/16" mounting bolts. Check under the area to be sure it is accessible and there are no fuel lines or fuel tank.
4. Bolt the bottle bracket down using the supplied 5/16-18 bolts, nuts, and washers. Use the thick 5/16" washer under the rear mounting bracket.

-Step 3- Plumbing

1. Install the pressure switch into the female 1/8" NPT port of the manifold.
2. Connect the nitrous feed line to the AN portion of the manifold.

-Step 4- Wiring

1. Disconnect the battery
2. Using the supplied 14-awg red wire, connect the "power" terminal on the switch to 12V+ ignition signal.
3. Using the supplied 14-awg black wire, connect the "ground" terminal on the switch to a chassis ground.
4. Using the supplied 14-awg red wire, connect the "acc" terminal on the switch to one terminal of the pressure switch.
5. Attach the other terminal of the pressure switch to the red wire of the relay.
6. Attach the white wire of the relay to chassis ground.
7. Attach the green wire of the relay to one of the heater wires.
8. Attach the black wire to a 30A fused 12V+ supply. This should be taken directly from the battery with an in-line fuse.
9. Attach the remaining heater wire to chassis ground.
10. Reconnect the battery.





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-Step 5- Testing & Operation

1. Install a full nitrous bottle into the bracket, connect the hose **and open the bottle valve.**
2. Turn the toggle switch to the "ON" position, the switch should illuminate
3. The bracket will get warm and pressure will rise. The pressure will increase about 50psi every 5minutes.

Monitor the bottle pressure with a pressure gauge. Once the bottle reaches its desired pressure slowly back out the adjustment screw on the pressure switch until you hear the relay click. Once you hear the relay click off, then you're done! The illuminated toggle switch will remain lit at this time, even when the heating element is off.

If the bottle pressure stabilizes below the pressure you want, then tighten the adjustment screw. Only make adjustments of 1 turn at a time giving the bottle at least 10 min stabilize, between adjustments. Once set, 1/2 turns will adjust the pressure by approximately 100psi. The pressure switch has a dead band of 75psi. Example: If you set your pressure to 1000psi the heater will shut off at 1000psi, and will remain off until the bottle pressure drops to 925psi.

WARNING

- **NEVER OPERATE THE HEATER UNLESS A BOTTLE IS SECURELY CLAMPED INTO THE BOTTLE CRADLE AND THE BOTTLE VALVE IS OPEN!**
- **NEVER TOUCH THE BOTTLE CRADLE AFTER USE, IT WILL REMAIN VERY HOT!**
- **BEFORE REMOVING A NITROUS BOTTLE, ALWAYS TURN THE BOTTLE OFF, THEN PURGE ALL NITROUS FROM THE SYSTEM.**