

PART NUMBER 12-10304

## INSTALLATION INSTRUCTIONS

This Nitrous Outlet Vehicle Specific Pro Wiring Harness is designed specifically for the 2005-2010 Ford Mustang GT. 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\*:**

- 10mm Deep Socket
- 13mm Deep Socket 15mm Deep Socket
- Ratchet
  - 8mm Wrench

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- Drill with 1/16" Bit Body Tool
- Phillips Head Screwdriver





### Step 1:

Open the hood of your vehicle and disconnect the battery cables with an 8mm wrench. Remove battery. Remove the battery strap with an 8mm wrench. Remove the 3 bolts from the base of the battery tray with a 10mm deep socket, extension, and ratchet. Then remove the battery tray.





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.



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### Step 2:

Remove the rubber grommet on the firewall behind the battery tray in preparation for routing of wiring harness. (Step 10) Do not discard grommet.



#### Step 3:

Using a body panel removal tool, remove front passenger kick panel and door sill.

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#### Step 4:

Remove the rear seat bottom by pressing in on the plastic clips then lifting the seat up.



### Step 5:

Remove the passenger rear seat back with a 13mm deep socket and ratchet.



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#### Step 6:

Using a body panel removal tool, remove the rear passenger arm rest panel.





**Step 7:** Remove the carpet in the trunk.



**Step 8:** Unclip the passenger side carpet and roll it back toward the passenger seat.

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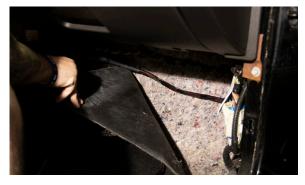
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#### Step 9:

Lay the harness in the car with the lines with the bottle related connectors toward the back of the car and the solenoid connectors toward the front. Tuck the harness under carpet next to the factory harness along door sill and up to the firewall.







#### Step 10:

Route the harness through the hole in the firewall from Step 2. Place the rubber grommet around the harness and re-in-stall it on the firewall.

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#### Step 11:

Route the harness under the rear passenger arm rest panel and towards the passenger side of the trunk.



### Step 12:

Route the wiring for the console mounted switch panel along the transmission tunnel under the console.



#### Step 13:

Pull through console to back of switch panel and make connections per wiring diagram provided at the back of these instructions.

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**Step 14:** Replace passenger carpet, interior plastics, and seats.







#### Step 15:

Under the hood, install round connector to harness per wiring diagram provided at the back of these instructions. Plug in to under hood section of harness.

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#### Step 16:

Using a Phillips head screwdriver, install the fuse block on the front of the passenger side strut tower and make electrical connections.





### Step 17:

Under the hood, place the relay block on the under hood harness on the firewall above the oblong indention between the engine and battery location. Mark the top holes of the bracket and drill a pilot hole with 1/16" drill bit. Using a Phillips head screwdriver and self-tapping screws, mount the relay block on the firewall.

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#### Step 18:

Use the installation guide in the back of these instructions to put the connectors on your solenoids. After the connectors are installed, plug them in to the leads of the wiring harness. There will be separate leads labeled 'Nitrous' and 'Fuel'.



### Step 19:

If using a ProMax Controller, plug in fuel pressure safety sensor. If using a WinMax controller, plug in fuel pressure safety switch.



#### Step 20:

In the trunk, plug in bottle heater, bottle opener, and pressure sensor.

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Step 21: Connect to battery.

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## INSTALLATION INSTRUCTIONS

#### **Deutsch Connector Assembly:**

To assemble Deutsch terminal ends you can use a special crimper, or if done cautiously, this can be done with a pair of needle nose pliers.



#### Step 1:

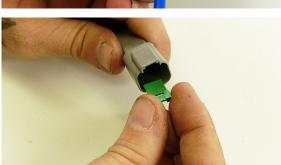
Strip the end of the wire you want to place the connector on about 3/8".

### Step 2:

Using a crimp tool or needle nose pliers, crimp the connector down. First the smaller crimp and then the larger crimp, make sure the weather pack seal gets crimped with the larger side.

#### Step 3:

Once your sure you have a good crimp slide the pins into the connector housing being sure to match the wires correctly on each side. Push the pin in the housing until you feel a positive click and the wire cannot be pulled back out of the connector.



#### Step 4:

Install the provided pin retainer lock in the connector body. It simply snaps in to place.

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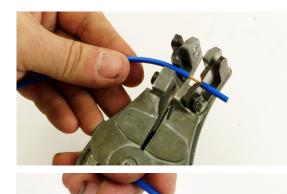


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## INSTALLATION INSTRUCTIONS

### **Bulkhead Connector Assembly:**

To assemble terminal ends you can use a special crimper, or if done cautiously, this can be done with a pair of needle nose pliers.



#### Step 1:

Strip the end of the wire you want to place the connector on about 3/8".

### Step 2:

Using a crimp tool or needle nose pliers, crimp the connector down. First the smaller crimp and then the larger crimp, make sure the weather pack seal gets crimped with the larger side.

### Step 3:

Once your sure you have a good crimp slide the pins into the connector housing being sure to match the terminal type and cavity correctly on each side. Push the pin in the housing until you feel a positive click and the wire cannot be pulled back out of the connector.

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### Step 4:

Align the halves and twist the lock ring to secure.

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