



A Holley Performance Brand

DODGE VIPER BOTTLE HEATER P/N 14164NOS – R10

INSTALLATION INSTRUCTIONS A5128-SNOS

1.0 General Information:

Your NOS bottle heater is designed to keep your nitrous bottle temperature at a constant 85° F. It features a backup thermostat that is set for 85° F as a safety device, in case the primary thermostat fails.

CAUTION! The heater should never be operated without the thermostats in place. The thermostat **MUST** remain in contact with the surface of the nitrous bottle.

1.1 Parts List

Before beginning the installation of your NOS bottle heater, compare the components you received with those listed below. If any components are missing, contact the NOS Technical Service at 1-866-GOHOLLEY.

Item	Description	NOS P/N	Qty.
(1)	Thermostat	15894-SNOS	1
(2)	Thermostat Pocket	15897-SNOS	1
(3)	Springs	15608-SNOS	2
(4)	Bottle Heater Element	14164-SNOS	1
(5)	Heater Harness	14164R10-SNOS	1
(6)	Large Wire Eyelet	15883-SNOS	2
(7)	30 AMP Relay	15618-SNOS	1
(8)	Male Spade Connector	15886B-SNOS	4
(9)	Female Spade Connector	15885B-SNOS	4
(10)	Activation Switch	15654-SNOS	1
(11)	Male Spade Connector	15885R-SNOS	2
(12)	Nylon Tie Wraps	NPN	4

1.2 Heater Element Installation

1. Attach the thermostat (1) to the thermostat pocket (2), using the Velcro™ provided.
2. Insert the attachment springs (3) inside the thermostat pocket.
3. Install the bottle heater element (4) on the nitrous bottle using the thermostat / thermostat pocket / attachment spring assembly. See Figure 1.

WARNING! Thermostat pocket / thermostat assembly must be orientated so that the thermostat is in direct contact with the nitrous bottle. Failure to do so may result in overloading of the heater element, producing a potential fire.

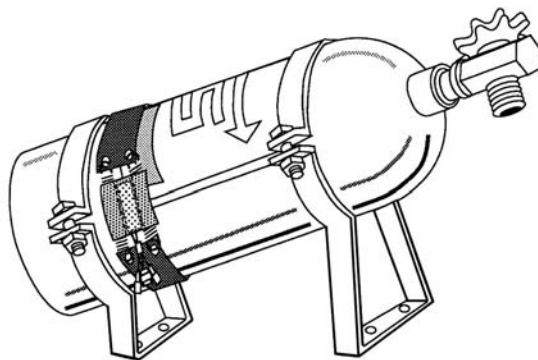


Figure 1

NOTE: The thermostat assembly goes under the blue fabric pocket, so that the Velcro™ is attached to the fabric and **NOT** the bottle surface.

1.3 Heater Harness Routing

1. Uncoil the heater harness (5) and run the layout in the vehicle.
2. The harness is designed to run from the nitrous bottle along the following path: 1) Through the 4" diameter rubber access plug in the trunk, on the driver's side of the trunk. 2) Along the driver's side frame rail. 3) Enter the engine bay just inside the driver's side exhaust heat shield. 4) Above the heat shield to the driver's side footwell box.
3. Secure with nylon tie wraps (12).

NOTE: When routing the harness across and around the exhaust heat shield, make sure that the harness does not contact the heat shield, or the harness will be susceptible to melting.

1.4 Heater / Heater Connection

1. Route one wire from the bottle heater element to a chassis ground. Connect to the ground using a large wire eyelet (6).

NOTE: The body-to-frame mounting bolt on the driver's side of the trunk usually works well.

2. Route one wire from the thermostat to a chassis ground. Connect to a ground using a large wire eyelet (6).
3. Secure the 30 AMP relay (7) in place, near the bottle heater.
4. Install the relay plug on the 30 AMP relay.
5. Connect the green relay wire to the thermostat's open wire, using one male (8) and one female (9) spade connector.
6. Connect the blue relay wire to the open wire on the heater element, using one male (8) and one female (9) spade connector.

1.5 Harness / Main Power Connection

1. Connect the red wire from the heater wiring harness to the ignition-switched +12V "break out" plug on the 5180 main wiring harness.
2. Connect the orange main power wire from the heater wiring harness to the +12V battery post on the driver's side footwell box.

1.6 Heater Activation Switch

1. Select a location where the activation switch (10) is to be spliced into the red +12V ignition-switched wire of the heater wiring harness.

NOTE: Installing the arming switch in the trunk (driver's side 4" diameter rubber plug) usually works well.

2. Install the activation switch.
3. Cut the red +12V ignition-switched wire at the desired location.
4. Install a male spade connector (11) on each wire end.
5. Connect the red wires to the activation switch.

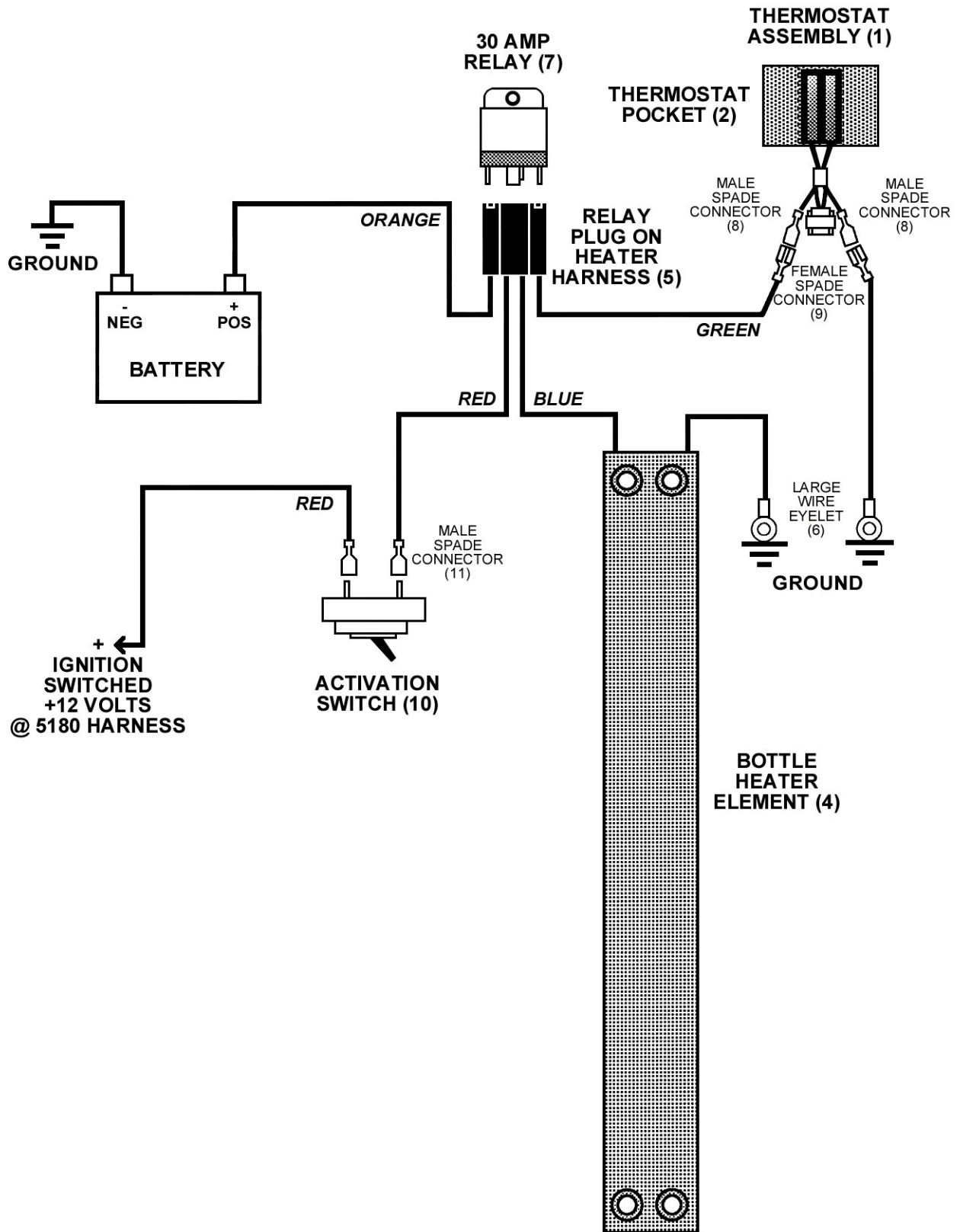


Figure 2 Wiring Diagram



NOS Technical Support

Phone: 1-866-GOHOLLEY

Fax: 1-270-781-9772

**For online help, please refer to the Tech
Service section of our website:**

www.holley.com

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