

# **Installation Guide for 70622**

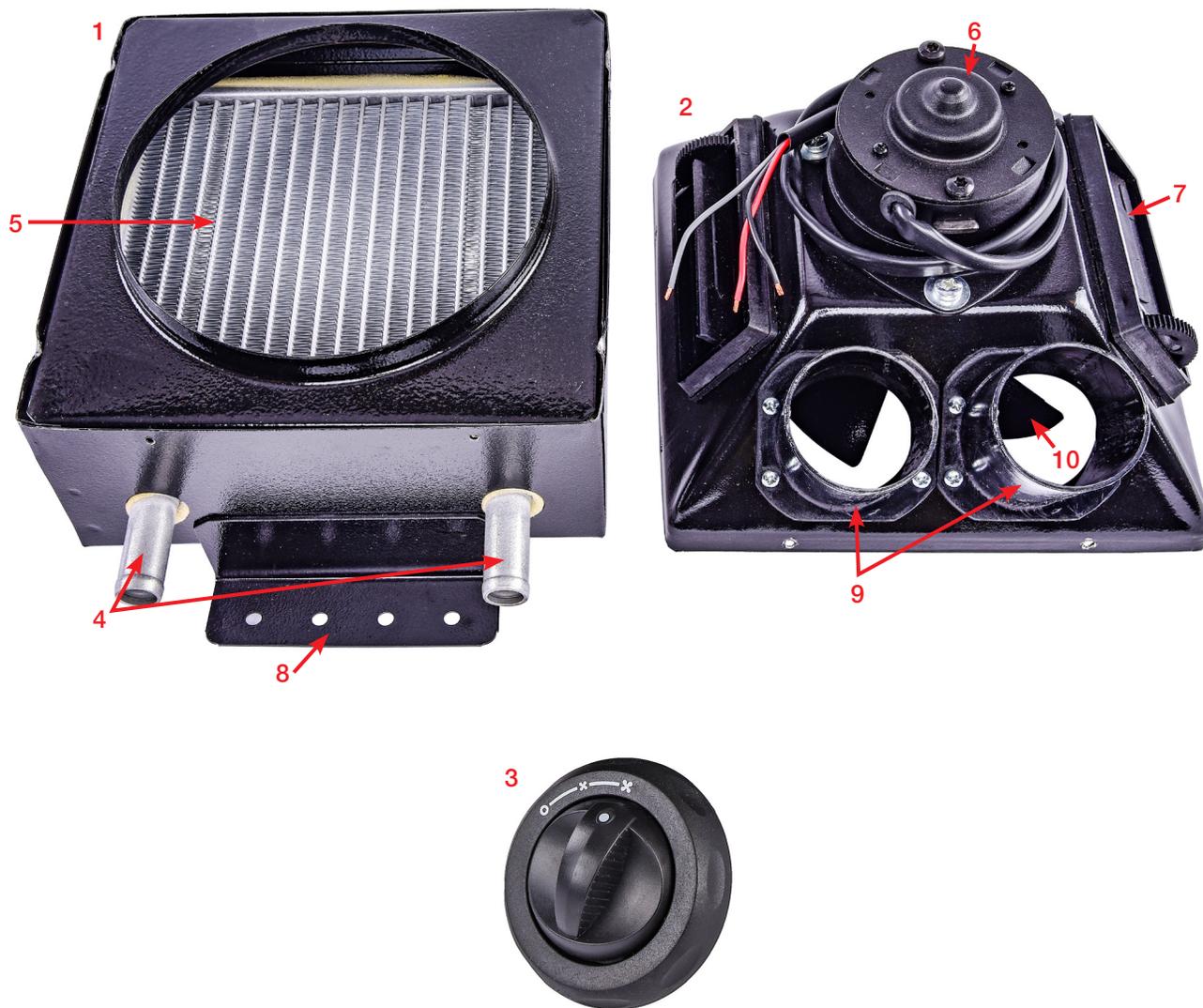
## **Auxiliary Heater Assembly**

200 CFM at 15,000 BTU

325 CFM at 22,000 BTU



# Parts List



1	(1) Lower Heater Housing	6	(1) Fan
2	(1) Upper Heater Housing	7	(2) Adjustable Louver Vents
3	(1) Fan Speed Switch [2-Speed]	8	(2) Mounting Braces
4	(2) 5/8 in. Coolant Inlet & Outlet	9	(2) Ducts [2 in. OD]
5	(1) Heater Core		

## Read Before Installation

Thank you for your purchase of this JEGS Auxiliary Heater Assembly.

Before installation, please be sure to verify that all of the kit components have been received. Reference the parts list on the previous page. If any components are missing or damaged please contact customer service at: 1.800.345.4545.

Installation of this kit can be done with basic hand tools. If you are having issues, or have questions regarding the installation of this heater, please contact our technical support department at: 1.800.345.4545.

Prior to installation, test fit this heater assembly in its intended location to ensure that it will fit.

Installation of this heater assembly requires working with the cooling system, performing wiring, and securely mounting it to the interior bodywork of the vehicle. If you are not comfortable with these processes contact a trusted repair shop to perform the heater installation.

Always disconnect the battery before any wiring projects. And do not work with the coolant system until the car has cooled, and pressure released in the system.

**Return Information:** Before modifying any of the parts in this kit, please trial fit all components. **Modified parts will not be accepted for return.**

## Installation

### 1. Vehicle Preparation

Position your vehicle so that you have access to the interior and engine bay. Disconnect the battery, and make sure that the cooling system is at room temperature. Depending on the desired heater location, and engine bay access to coolant lines, placing the vehicle on jack stands may allow more room to work.

### 2. Test-Fit

Position the auxiliary heater in your desired location. Determine if there is clearance and adequate mounting surfaces. Identify the coolant source, along with the return access. Ensure that the coolant lines will be clear of sharp edges, and hot surfaces. Mark the mounting and coolant line locations.

The universal design of this auxiliary heater allows the upper portion to be removed and reinstalled in 4 different orientations. The 8 self-threading screws can be removed to allow access.



## Installation Contd.

### 3. Mounting

Drill the mounting and coolant line holes. Check and remove any sharp edges in the drilled coolant holes. Grommets, not included, to protect the coolant lines will offer additional protection from abrasion. Securely mount the heater assembly using the mounting bases. Each base has 4 optional hole locations.

### 4. Coolant Connections

Prior to plumbing the coolant lines, make sure the engine is cool and the system has been drained. Starting in the engine bay, tie into the coolant system and attach the appropriate length of 5/8 in. ID hose. Remove the plastic caps on the heater core tubes prior to attaching the hoses. Pass the 5/8 in. heater hose through the holes drilled into the body, making sure to not damage the rubber. Once the lines have been connected top up the cooling system.

Note: It is important to remember that the cooling system will need to be bled once installation is complete.

### 5. Electrical Connection

For safety, the heater's electrical circuit must be fused. Make sure the install the fuse as close to the fuse panel as possible. If your fuse panel has an open circuit, connect into that. The recommended fuse is 7.5 amps. The heater fan is grounded to the case. If the case is not mounted to a grounded surface, a separate ground wire, not included, must be used. 16-gauge wire is the suggested wire size for all connections. The proper wiring for the 2-speed fan switch is illustrated on this page.

### 6. Final Notes

At this point, reconnect the battery and turn on the ignition. Test the fan switch. Start the car and allow it to heat up to test the heater. Turn off the engine, allow it to cool, and then top up the coolant as needed.

