

[www.SeeLevelHeater.com](http://www.SeeLevelHeater.com)

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## 12 Volt (12NS) Heater Instructions

**Caution!!** to avoid injury caused by hot engine water and anti-freeze, make sure engine is completely cooled before beginning installation of the heater.

### *Important*

*Air enters heater through the heater core and exits on the motor side.*



*Front of heater, air exits this side*



*Back of heater, air enters this side*

### Mounting:

To protect your heater from rust and electrical corrosion, mount the unit in a dry location. Make sure to keep heater case at least two inches away from obstacles that could block intake air. Keep in mind air enters through the heater core and exits on the motor side of the heater.

### Water flow:

Note: Check with the engine manufacturer's specifications and recommendations for the coolant system feed and return sources.

Remove and discard the protective pipe end caps used for shipping, they are located in the tubing ends of the heater core.

The proper size heater hose is 5/8" ID. Hoses must be protected from chaffing damage, sharp bends (kinking) and should meet or exceed SAE 20R1 Type EC, Standard Wall Class D-1 specifications for engine cooling system hoses, such as Green Stripe® Heavy Duty Heater Hose.

If more than one heater is being used, they must be connected in series.

Feed first heater from engine block onto lower core fitting, then from top fitting of the first heater to the lower fitting of the second (third, etc.) heater, then return from the top fitting of the last in the series to the engine water pump.

### Electrical:

Proper wire size is 14 gauge.

Four position switch (Off-Low-Medium-High) is provided with your heater.



Heater switch face



B: Battery (+), L: Yellow wire  
M: Red wire, H: Orange wire

"B" post connects to the power source (Battery +). *A 20 amp overcurrent protection device (breaker or fuse) is required for the power source.*

Connect yellow wire (low speed) to the "L" top left post.

Connect the red wire (medium speed) to the "M" top middle post.

Connect the orange wire (high speed) to the "H" top right post.

Note: "C" bottom right post is not used.

Connect the black wire to the negative (-) ground source.

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