INSTALLATION INSTRUCTIONS FOR MODEL #VE500HC:
***REFER TO THE IMAGE ON RIGHT**

VADAENERGY HOD
saving money staying green

1. **Connecting the relay**

• Take a moment to identify the parts of the kit. Identify the wires that have been labeled for your convenience. Install them according to the following:

A. Ground Relay: Attach to the vehicles frame (ex: radiator support)
B. Battery Ground: Attach to the negative post on your battery.
C. Battery Positive: Attach to the positive post on your battery.
D. ACC ignition: Attach to the ignition wire or any where there is an ACC wire.

When turning on the ignition key, current will be supplied through this wire, which will power the hydrogen cell.

2. **Filling the hydrogen container**

• Hold the cap, while unscrewing the bottle. Be careful when opening and closing the container not to break/crack the glass.
• Fill up the glass container approximately 3" from the top. ONLY USE DISTILLED WATER
• Use 1tspn of baking soda as the electrolyte. Mix together until the soda dissolves.
USING MORE THAN 1TSPN MAY CAUSE THE CELL TO OVERHEAT RAPIDLY
• Carefully place the cell into the water, screw the lid back on tightly.
LOOSE LIDS WILL CAUSE HYDROGEN LEAKAGE
-Before continuing to the next step, make sure the water level is about 1" above the cell. If needed subtract or add water.

3. **Placing your hydrogen cell**

• Locate a proper place for your cell (do not place your cell near exhaust pipes, or any moving parts)
• When installing always place cell in upright position (outputs on top), NEVER position the cell in any other way.
• If the cell in insecure, you will need to strap it, this will prevent damage due to vibration during vehicle operation.

4. **Connecting the hydrogen output**

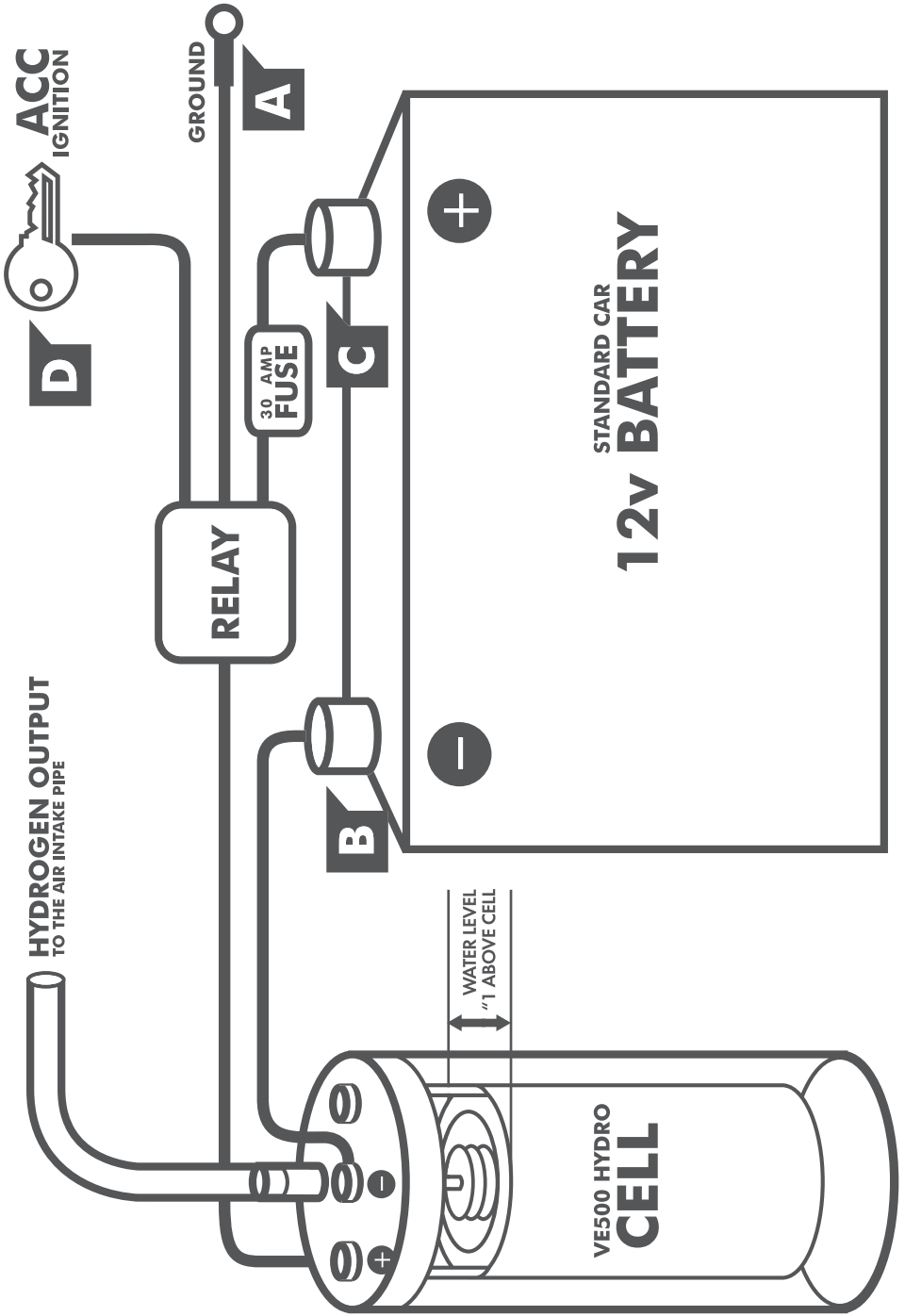
• Locate the intake piping that is connected from the air box to the intake manifold.
• Locate an area that is safe to connect the hydrogen output hose.
• Drill a hole in the intake piping, to tightly fit the hydrogen hose through.
• Use silicone (glue) to secure the fitting.

5. **Overview of installation**

• Double check that all wiring and hosing is secure and in proper position, not in areas that could cause problems to in the cell or vehicle.
• Turn on the ignition and inspect the cell for activity. Cell will bubble when operating.
• Within 30 seconds of turning ignition off, the cell should not be operating.
IF CELL OPERATES WHEN IGNITION IS IN OFF POSITION, DOUBLE CHECK THE WIRING.

6. **Maintenance**

• Occasionally inspect for proper water level, wiring and output hoses for any damage or looseness.
• Under everyday driving conditions the cell needs to be cleaned and refilled every 2,000 miles or every 3 weeks.
• When refilling the cell clean with soapy water and rinse thoroughly.



VADA ENERGY HYDROCELL VE500 MODEL