



**SAFETY FIRST**

You must read and understand this manual before you install or operate the AC unit



## INSTALL GUIDE FOR VAN CONVERSIONS

# B-COOL

GREEN POWER AC

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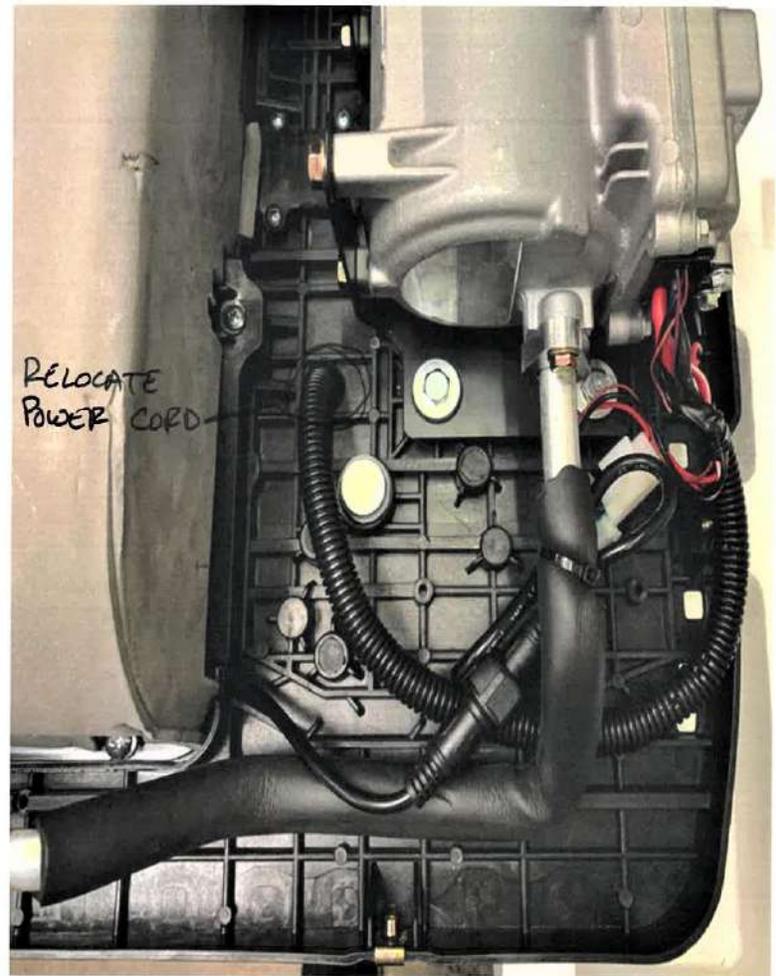
## Recommendations / Safety instructions

	The installation must be performed by a qualified professional.
	Switch off / disconnect the battery before installation and performing maintenance work.
	Wear goggles and gloves for the installation of this product or disassembly an item for repair.
	ATTENTION: The unit must be cooled before any work is performed. Some parts are hot and can cause burns.
	ATTENTION. Do not remove any protection provided on the unit. This could cause serious injury.
	ATTENTION: The unit is heavy. Do not handle or install the unit alone.

# INSTALLATION TIPS

- Remove the top cover of the unit by placing the entire unit on a firm, level surface and removing the cover screws
- Note the position on the picture that shows exactly where to run the power cord through the base frame (black base plate). A 1" hole saw can be used to make the opening - **be careful** not to go too deep after the initial cut as you may damage components underneath the base frame if not careful.
- Move the power cord to the inside of the unit and run the cord through the new inside hole. There is no need for any additional sealant around the hole as it will be inside of the gasket area. Extend the power cord as much possible so it hangs freely out of the base frame.
- Place the top cover back on the unit and tighten it back down using all of the screws that were removed.
- Mark the area on top of the van that you want to cut out for the unit installation, The hole only needs to be 24.4 x 14.2 inches (62 cm x 36 cm) to fit the unit. If replacing a different unit, the maximum cut hole can only be 29.5 x 19.7 inches (75 cm x 50 cm).
- Ensure that the cut-out hole will be between the interior "ceiling ribs" that run side to side.
- The roof cut out hole can be over the roof ridges but should not be over reinforcement seams or through "ceiling ribs".
- After cutting out the ceiling hole, use a flat metal file to smooth all of the edges and remove any metal burrs.
- Using rubbing alcohol and a rag, remove any dirt and debris from around the top of the hole where the rubber sealing gasket will go.
- if you have roof ridges where the sealing gasket is going to be applied use butyl tape to build up the areas between the ridges, making the gasket surface area equal in height.
- Unfold the sealing gasket to make it a rectangular shape- do not cut the gasket.
- Place the sealing gasket around the installation hole, centering the gasket on all sides.
- Carefully lower the unit onto the installation hole and center the interior control panel. it's helpful to have a second person inside the van, assisting with the placement and centering There is no glue or sealant on the outside of the gasket, so it is possible to carefully lift the unit when necessary without damaging the gasket.
- Ensure the power cord is placed on the outside of the clamp plate, between the clamp plate and the side of the cut opening.
- Once centered, place the clamp plates onto the bottom of the unit, running front to back, using the 4 bolts.
- It maybe necessary to trim the ends of the clamp plates to make sure that they rest between the ceiling ribs and not on top of the ceiling ribs. Trim just enough of the camp plates to fit them between the ribs.

- Tighten the 4 nuts down on the extended bolts through the clamp plates using the included nuts and washers. Tighten the clamp plate nuts evenly, compressing the sealant gasket no more than 6 – 7 centimeters (2 – 2.25 inches).
- From inside of the van, you should not see any light coming through any of the edges of the gasket.



NOTE EXACT POSITION FOR THE HOLE TO MOVE POWER CORD INSIDE A VAN ETC.

A decorative header featuring a complex, low-poly geometric pattern in various shades of blue and cyan, resembling a crystalline or abstract architectural structure.

**NOTES.....**

