U-1004-0P

FORCED-AIR CAB COOLING

HURRICANE ROOF FAN

KEY FEATURES

- Easily installed **patented** high-velocity roof fan.
- Four IP68-rated waterproof motors provide maximum air velocity.
- Multi-speed air control for maximum comfort flexibility.
- LED interior lighting for dark cabins.
- Tested in wind tunnel at high speed in simulated rain testing.
- Four 360° directional vents for maximum cooling and flexibility.
- Overhead mounting location provides direct cooling effect toward passengers.
- Removable and **washable filter** to catch dust and debris.
- Great for UTV's, Golf Cart's, Forklift's, or anything that can use extra airflow.
- **Dimensions:** 15" L x 11" W x 5.15" H **Weight:** 4.25lbs
  Diameter for roof hole: 8.5"
- **Voltage:** 12V **AMP Draw:** 6amps on high speed
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Hurricane Roof Fan

BEFORE STARTING INSTALL: Read instructions thoroughly prior to installation. Installation should be performed by a qualified professional. Always practice proper usage of personal protective equipment when using power tools and always wear safety glasses.

NOTE: This product is made to be used on **12-volt vehicles only.** Do not attempt to hookup the Roof Fan to a non 12-volt vehicle as damage to the unit may occur.

IMPORTANT: Only operate the fan while the unit is securely installed on the vehicle. Do not block fan's air intake around the cover and maintain at least a 3 inch (7.62 cm) clearance. Do not operate fan with an enclosure over the cover. Possibility of personal injury when working on high voltage electrical circuitry and batteries. Use best safe practices and remove jewelry before hooking up to the battery to make sure that metal jewelry such as bracelets and rings do not come in contact with battery terminals and cause shorting. Shorting across battery terminals may cause explosion.

TOOLS REQUIRED:

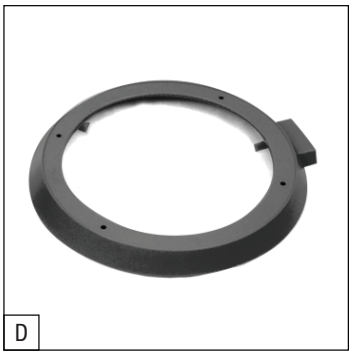
- Variable Speed Jig Saw
- 11 to 14 TPI Saw Blade
- Sawhorses
- Drill Motor
- Drill Bit Size: (3/8")
- Marker or Pencil
- Tape Measure
- Phillips HD Screwdriver
- De-burring Tool
- Cable Tie Cutter

Parts


A


B

C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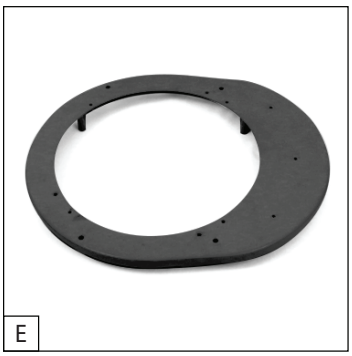
E


F


G


H


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K


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M


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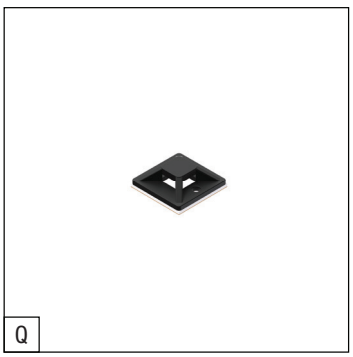
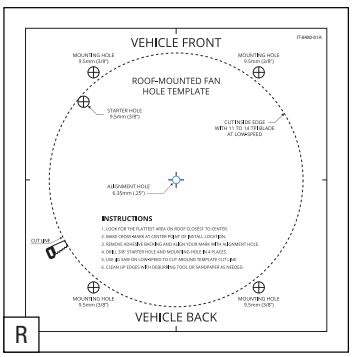

Q



R

PARTS LIST:

A) Cover
B) Filter
C) Base
D) Roof Adapter A
E) Roof Adapter B
F) Control Panel
G) Vents (4)
H) Wiring Harness
J) Cable Ties (10)
K) #8 x 1” Phillips Pan HD Screw (4)
L) #8 x 5/8” Phillips Pan HD Screw (10)
M) #8 x 3/4” Phillips Pan HD Screw (4)
N) #8 x 3/4” Phillips Oval HD Screw (4)
P) Self Tapping Torx Screw
Q) Adhesive Tie Mount
R) Template

Instructions

1. Remove the roof and place it onto sawhorses with the top side facing up.

2. Determine preferred install location by centering the unit and adjusting on all sides to clear any roof contours.

> ⓘ **NOTE:** Look for the flattest area on the roof while also considering fan control location for ease-of-use.

3. Make a crossmark at center point of install location.

4. Remove the adhesive backing of template (R) and align so that your mark is centered in the template alignment hole.

> ⓘ **DEALERS/DISTRIBUTORS:** Follow instructions on metal template to cut roof.

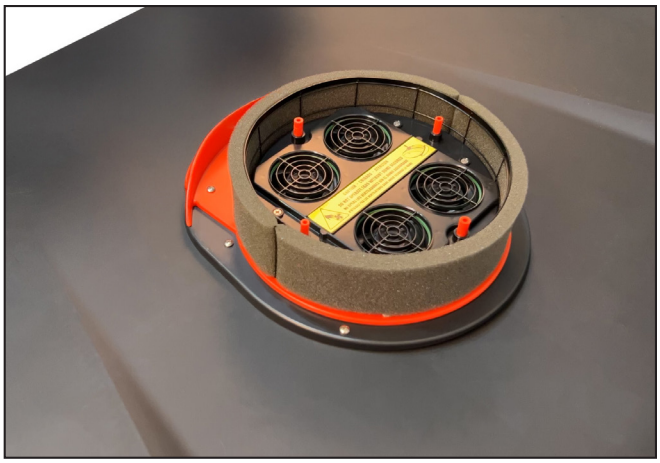
5. Following the template, drill one 3/8” hole on the inner edge of the dotted circle for the starter hole, and then drill four 3/8” holes on the corners for the mounting holes. Optional: Use smaller drill bit as pilot hole.

6. Using a jig saw on a low-speed setting, begin cutting around the dotted circle of the template edge. Carefully cut all the way around, and clean up the hole edges with a deburring tool or sandpaper as needed.

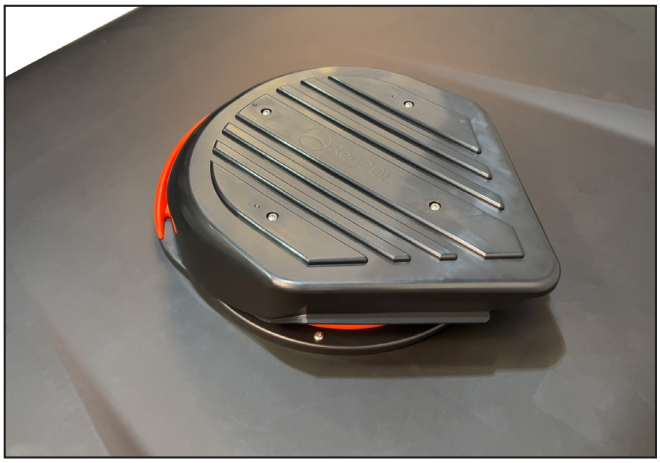
7. Place roof adapter B (E) into main mounting hole, taking care to center within the hole and align with roof. Secure with screw (M) in four places.

8. Secure the base (C) using screw (L) in 10 places.

9. Place filter (B) over base. Ensure filter flange sits flat on base.

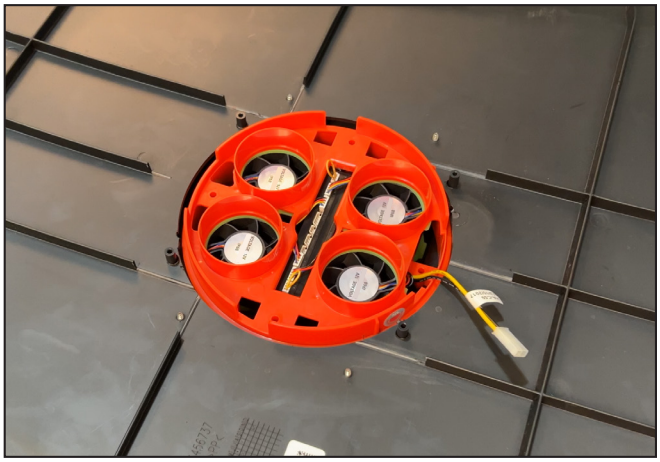


10. Secure cover (A) using screw (K) in four places.

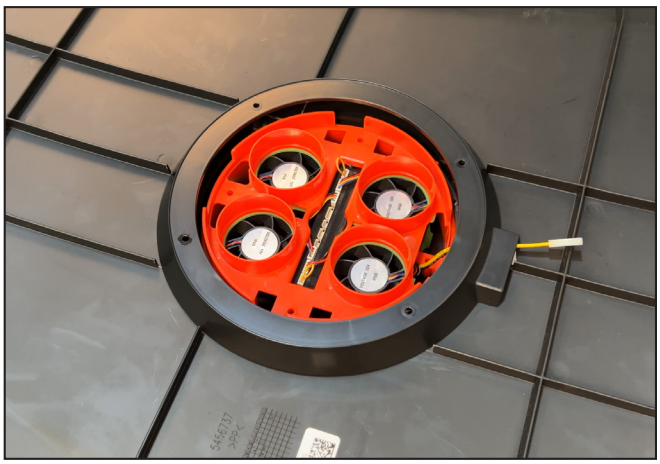


11. Flip the roof over so the underside faces up.

12. Remove portion of ribs in roof with knife to make flat surface for roof adapter A (D) to sit flush.

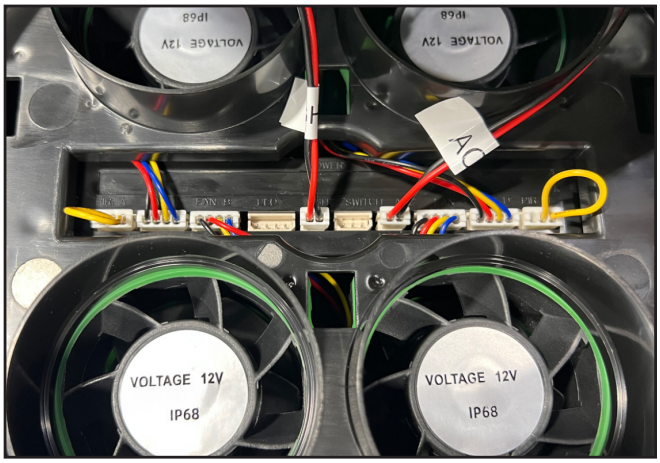


13. Set roof adapter A (D) onto base (C).

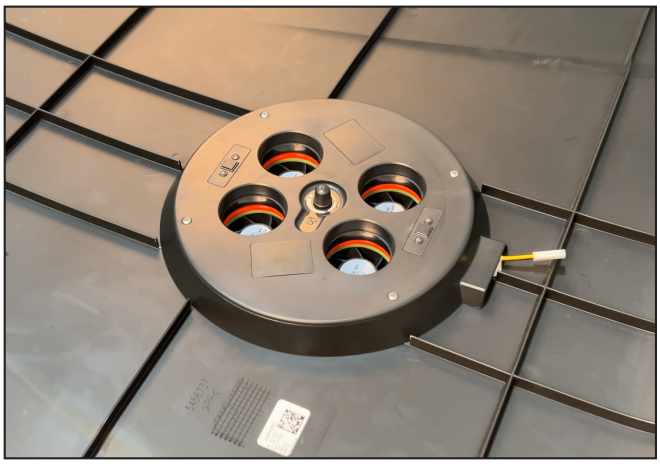


14. Install control panel (F) to base by plugging in four connectors (LED, Light, Switch, ACC). Begin with either the far left or far right connector and work your way to the opposite end.

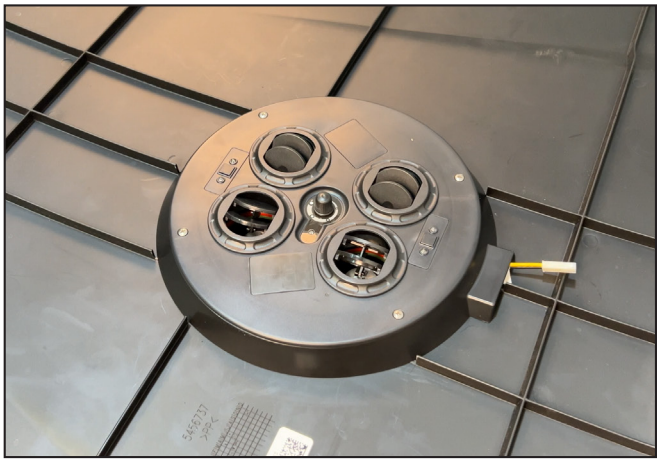
> ⓘ **NOTE:** While lowering the control panel, ensure no wire interference with the vent mount holes. Use fingers through vent holes to route wires into tracks.



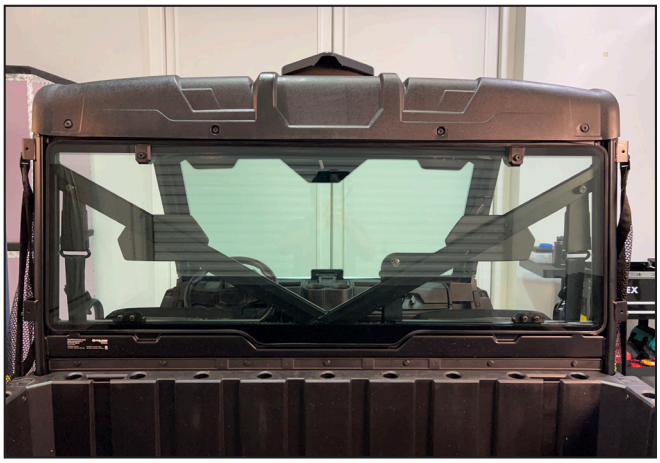
15. Secure control panel to base, through roof adapter A (D), using screw (16) in four places.



16. Insert four vents (G) into control panel (F) by pressing down and snapping into place.

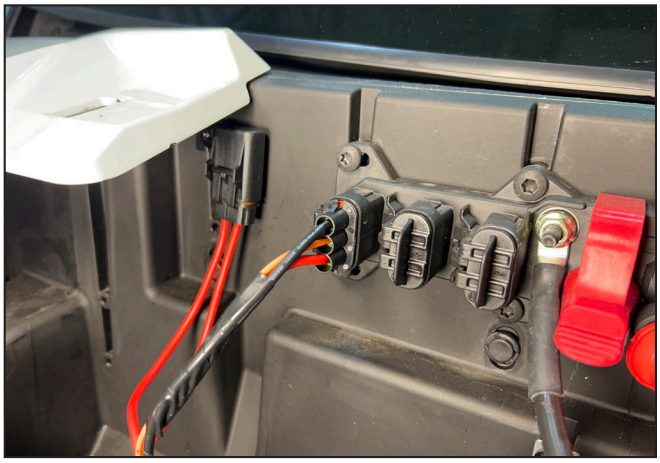


17. Reinstall roof onto vehicle.

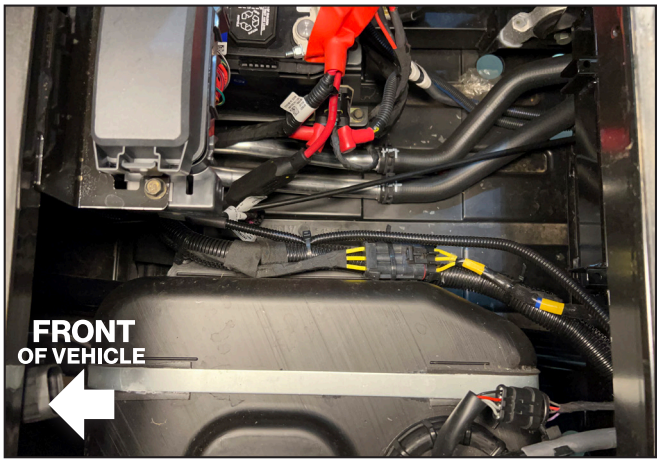


18. Connect power connector on wiring harness (H) to fuse box at front of vehicle, or keyed power source.

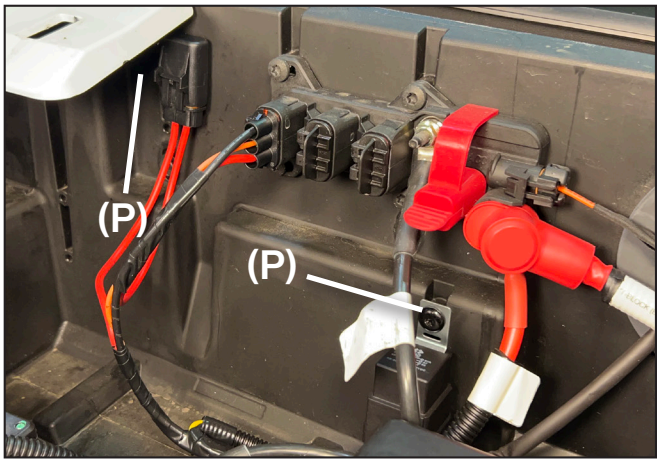
> ⓘ **NOTE:** Power connector designed for Polaris vehicles. Universal ring adapter sold separately. This step varies depending on your vehicle. This is commonly located on a solenoid in the battery compartment or a designated accessory terminal behind the dash. Refer to owner's manual to determine ideal switched power hook-up location.



19. Route wiring harness to back of vehicle, secure fuse holder and relay using screw (P). Secure harness using cable ties (J).

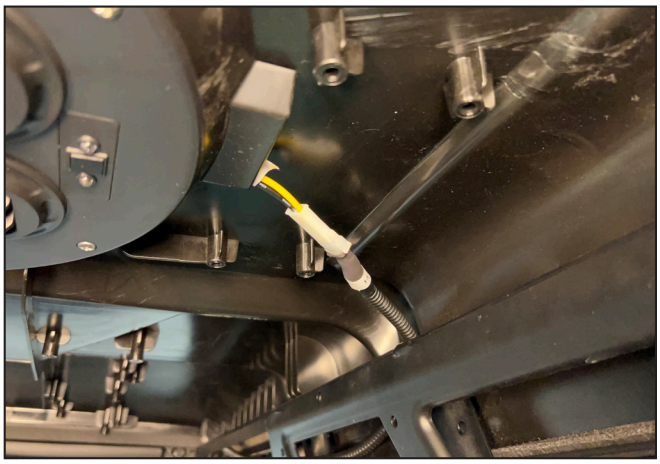


> ⓘ **NOTE:** Routing under seat shown above. Be sure to secure away from moving parts of vehicle.



20. Route harness following vehicle ROPS (roll bars) and secure to roof using adhesive tie mounts (Q) and cable ties (J).

21. Connect wiring harness (H) to roof fan.



22. Turn ignition on and check fan operation.

✔ *Installation complete. Verify fan functions properly.*