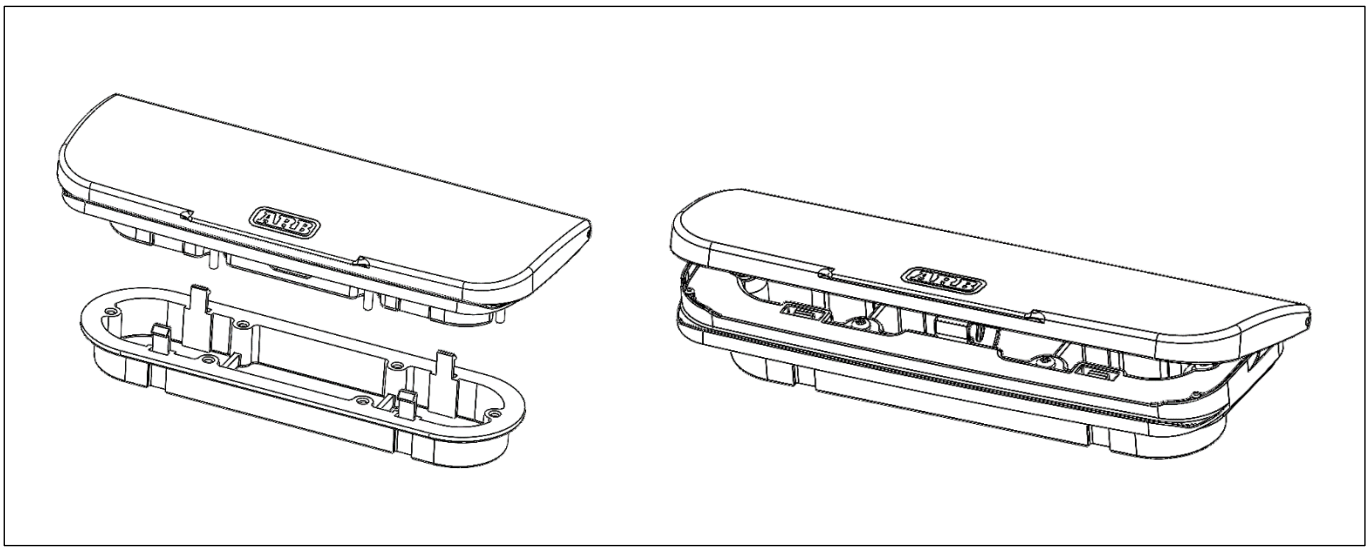
# FITTING INSTRUCTIONS

# CANOPY VENT 2021 P/N: 4700030



## IMPORTANT USE AND FITMENT CONSIDERATIONS:

- The canopy vent is used to provide fresh air and if you are in dusty conditions to pressurise the canopy shell, to avoid dust being drawn in through the gaps around the tailgate.
- The ARB vent can be fitted to either the front or rear of both high and standard roof ARB Classic and Classic Plus canopies.
- **Note: when fitting vent to Mitsubishi Triton canopies, the ARB canopy vent must be fitted to the front of the canopy.**
- It is important to place the vent in a position that is suitable for your canopy application.
  **FACTORS THAT CAN INFLUENCE THE VENT POSITIONING:**
  - **ROOF BARS**
  - **ROOF RACKS**
  - **THE SHAPE OF THE FRONT OF THE CANOPY**

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

| | | | |
|---|---|---|---|
| Protective eyewear |  | Hearing protection |  |



**If you have any queries regarding the installation of this product please contact the distributor from whom it was purchased, or alternatively the ARB office in your state.**
**Head Office – ARB Corporation Ltd VIC:** 42-44 Garden Street, Kilsyth, Victoria, 3137 Tel: (03) 9761 6622 Fax: (03) 9761 6807
**WA:**(08) 9244 3553 **NSW:** (02) 9821 3633 **ACT:** (02) 6280 7475 **SA:** (08) 8244 5001 **QLD:** (07) 3872 3872 **NT:** (08) 8947 2262 **TAS:** (03) 6331 4190

*NOTE: 'WARNING' notes in the fitting procedure relate to OHS situations, where to avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.*

**TOOL LIST FOR FITMENT:**

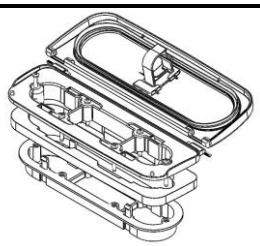
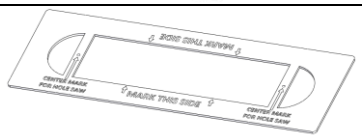
- Non - Permanent Marking Pen
- Drill, 5 mm drill bit,
- 51mm (or 2") Hole Saw
- Jig Saw with blade suitable for plastic cutting
- Flat file
- No.2 Phillips **Torque Settable** Screw driver**.**

**FITTING THE CANOPY VENT IS CARRIED OUT IN 4 STEPS:**

1. Positioning the vent
2. Cutting the canopy shell
3. Fixing the vent
4. Water leak testing and proper operation of the vent.

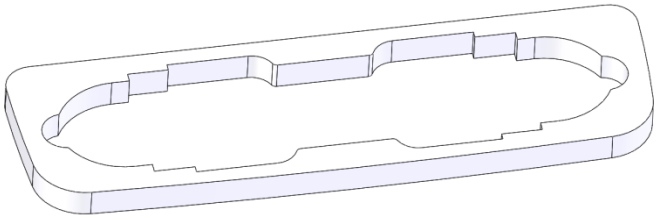
Note: If replacing Vent follow only step 3.

**THE FITTING KIT CONTAINS:**

| | Part No | Picture | Qty | Description |
|---|---|---|---|---|
| **1. 4700030 Kit Box** | 6604810 |  | 1 | VENT ASSEMBLY 2022 - INCLUDING ALL SEALS - LOWER CLAMP RING - 6 SCREWS (M4x35 BLACK PAN PHILLIPS HEAD) |
| | 3789966 |  | 1 | VENT HOLE CUTTING TEMPLATE |

**Replacement parts:**

Base die cut seal can be purchased <u>if required</u> as a replacement part 6604805SP however it comes assembled to the vent:



## 1. POSITIONING THE VENT

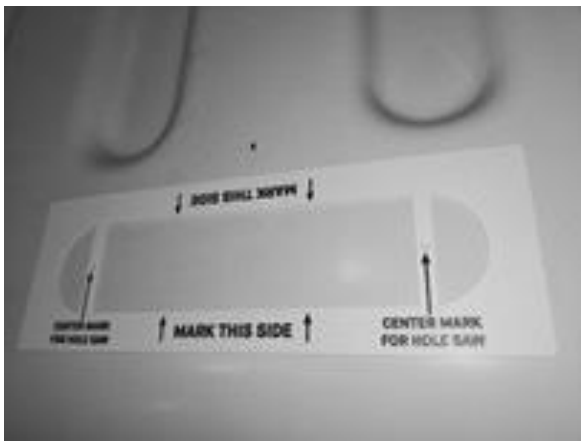
| POSITIONING ON A HIGH ROOF CANOPY | |
|---|---|
| 1.0) The vent can be fitted to either the front or rear of a High Roof canopy. If a rack or channel bars are fitted, check the clearance over the vent, as installations do vary. Allow a minimum of 10mm clearance with the vent fully open. |    |
| **POSITIONING ON A STANDARD ROOF** | |
| 1.2) The vent can be fitted to either the front or rear of a Standard Roof canopy. If a rack or channel bars are fitted, check the clearance over the vent, as installations do vary. Allow a minimum of 10mm clearance with the vent fully open. |     |

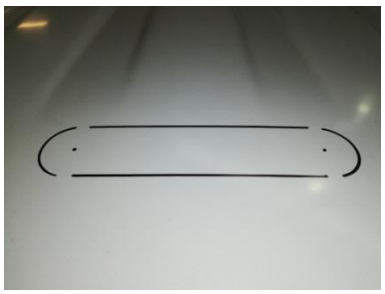
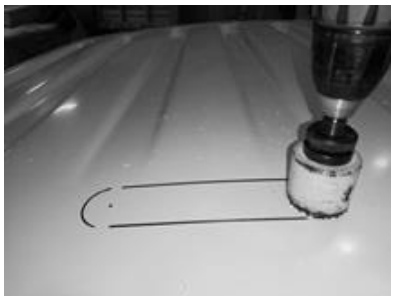
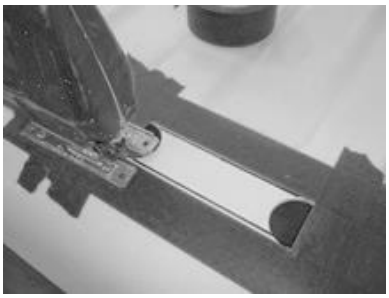
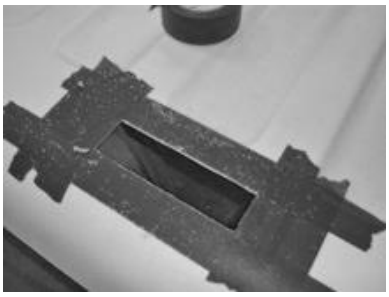
1.3) Vent must be fitted facing forward when in the open position.
1.4) Vent must be fitted to an area that is free of styling ribs.
1.5) Check your canopy carefully before cutting the shell.
1.6) If the clearance to a rack or roof bars at the rear is minimal fit the vent to the front.
1.7) If the styling ribs are in the way in front side of the canopy then vent has to be fitted at the rear end only.

## 2. CUTTING THE CANOPY SHELL

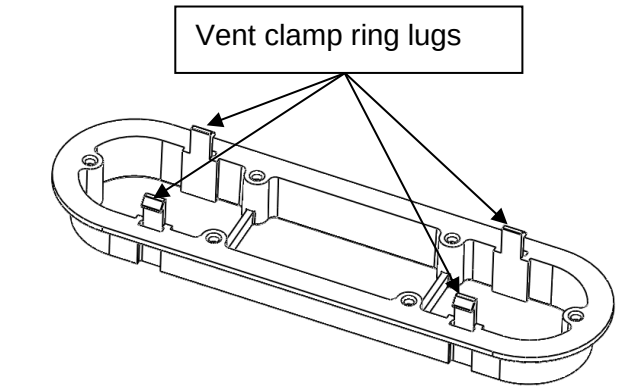
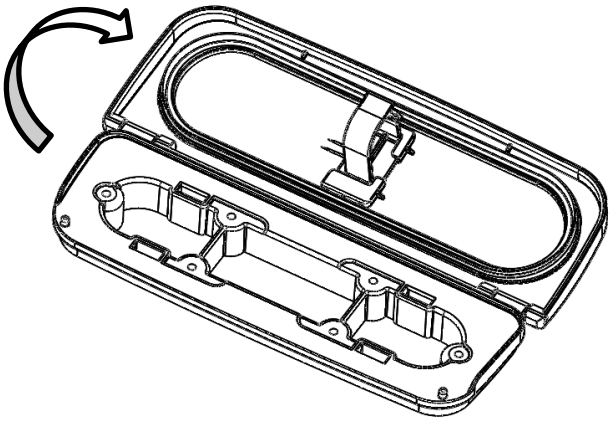
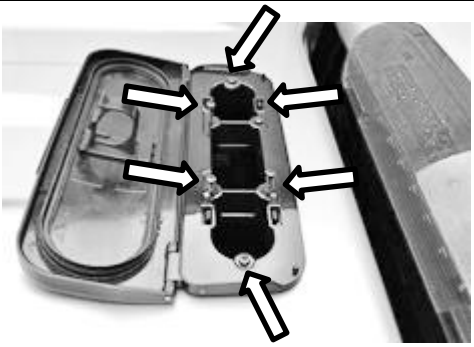
### MARKING THE VENT CUT OUT

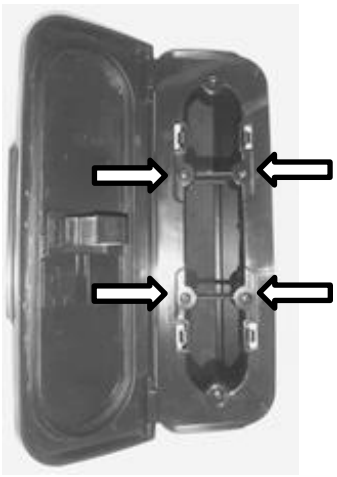
2.0) On front or rear of canopy shell as chosen by the customer, position the template centrally to the canopy roof. Mark around inside profile of the cutting template with a non-permanent marker including the two centre marks for Dia 51mm (or 2") hole saw.



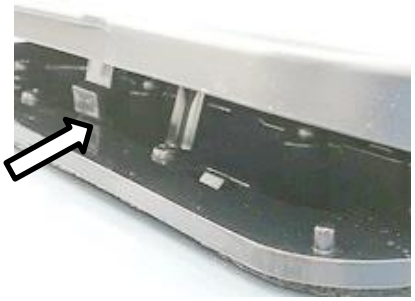

| | |
|---|---|
| 2.1) Mask shell to protect finish. Use a 51mm (or 2”) hole saw to cut ends first. |    |
| 2.2) Ensure the inside is clear of any obstructions and cut using a jig saw or hand saw. De-bur with flat file. |    |

## 3. MOUNTING THE VENT

| | |
|---|---|
| 3.0) Insert the vent lower clamp ring from inside the canopy, push it through the cut-out, so that the 4 lugs sit outside the top of canopy shell roof and it should snap in place to hold itself in this position. |  <br>  |
| 3.1) Open the vent completely by flexing the vent catch to the rear to disengage it from the base to open the lid.<br><br>3.2) Insert the Vent Lid assembly from the top of the Canopy, **ensure the bottom foam seal of the vent is not rippled or folded over in positioining to the top of the shell cutout, it must seal against the canopy shell roof** . |  |
| 3.3) Align and engage each of the 6 screws (M4 x 35), with the corresponding threaded inserts on the lower vent clamp ring. Do up a few turns all the screws to gain alingnment loosely first.<br><br>3.4) Position Vent correctly and **make sure bottom foam seal is seated properly to seal to the roof** |  |

| | |
|---|---|
| 3.5) Tighten the end 2 screws to 1Nm first. |  |
| 3.6) Do up the four centre screws to 1Nm. |  |
| ⚠ Tightening the screws to a lower torque may result in the leakage, over tightening could destroy the vent mounting and cause water leaks through distortion of the vent base. ⚠ | |

## 4. PROPER OPERATION OF THE VENT AND WATER TESTING.

| Vent <u>not closed properly</u> as clip ring is sitting on top of the base. | Vent is now set properly in open position, when clip ring engages under the base. | Vent in fully closed position |
|---|---|---|
|  |  |  |
| Water leak test the vent in fully closed position using a high pressure hose. | | |



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