

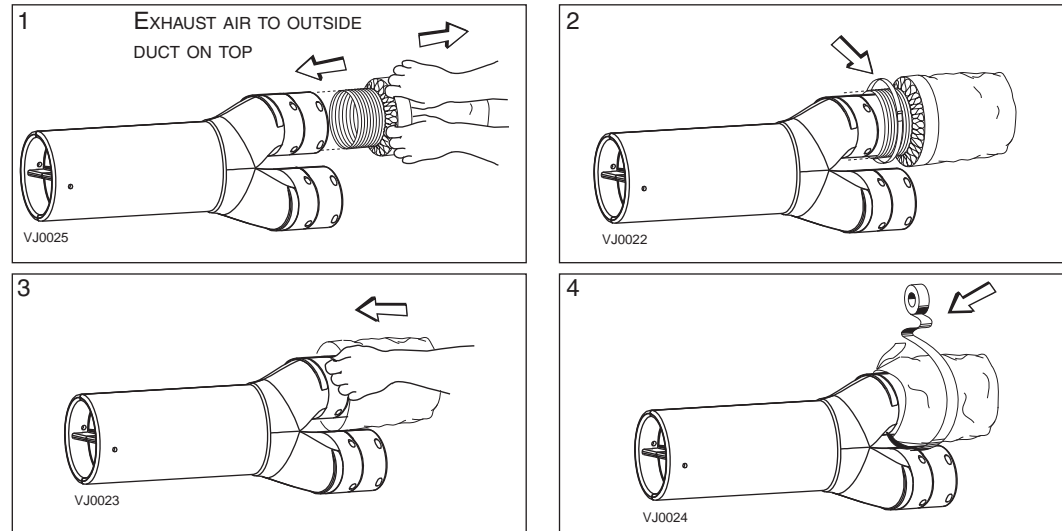
# TANDEM® TRANSITION\* KIT INSTALLATION INSTRUCTIONS

**NOTE:** THIS KIT IS ONLY COMPATIBLE WITH UNITS PRODUCING A MAXIMUM OF 110 CFM. Do NOT USE THIS KIT WITH A UNIT PRODUCING MORE THAN 110 CFM.

## 1. CONNECTING INSULATED DUCTS TO TANDEM® TRANSITION

### 1.1 CONNECTING 5" OR 6" DUCTS

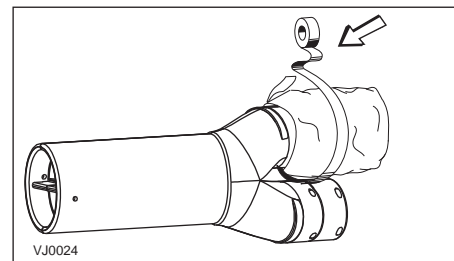
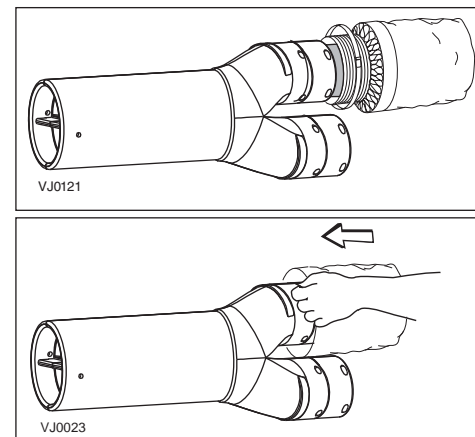
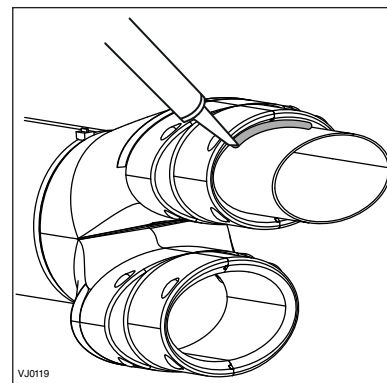
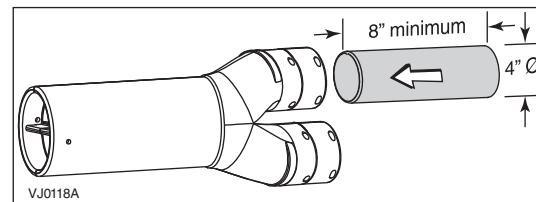
- For each duct, pull back the insulation to expose the interior flexible duct.
- Connect the interior flexible duct to the smaller part of the Tandem transition (5" oval) using a tie wrap. **NOTE:** If you are using a 6" diameter insulated duct, use the bigger part of the Tandem transition (6" oval).
- Pull the insulation over the joint. Pull the vapor barrier over the insulation.
- Apply duct tape gently to the joint in order to make an airtight seal. See figures below.



### 1.2 CONNECTING 4" DUCTS

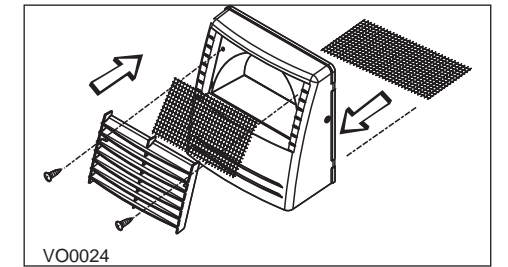
**NOTE:** To connect 4" insulated flexible ducts to the 5" oval ends of the Tandem® transition (*Exhaust air to outside* and *Fresh air from outdoors*), first connect an adapter (not included) to the Tandem® transition as follows.

- For each duct, slightly squeeze a section of 4" round metal duct, at least 8" long, to insert it into the oval opening of the Tandem® transition and push it all the way in.
- Using silicon, seal the joint between the outside of the metal duct and the Tandem® transition, and allow silicon to dry completely. See figure below.
- Pull back the insulation to expose the interior flexible duct.
- Pull the interior flexible duct over the adapter all the way to the silicon joint and secure using a tie wrap.
- Pull the insulation and vapor barrier over the joint, making sure that no part is left without insulation.
- Apply duct tape gently to the joint in order to make an airtight seal.



## 2. ASSEMBLING THE DUAL EXTERIOR HOOD\*

The exterior dual hood is coming in separate parts. Using 2 no. 8 x 3/4" screws, assemble the top metal screen and the plastic grille to the dual exterior hood. Then, slide the bottom metal screen at the bottom of the dual exterior hood. See illustration.



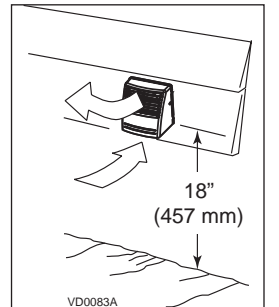
## 3. LOCATING THE DUAL EXTERIOR HOOD

The dual exterior hood must be installed at a minimum distance of 18 inches (457 mm) from the ground. See illustration beside.

### ⚠ WARNING

Make sure this hood is at least 6 feet (1.8 m) away (or more, as per applicable building codes or standards) from sources of contamination such as:

- High efficiency furnace vent.
- Any exhaust from a combustion source.
- Gas meter exhaust, gas barbecue-grill.
- Garbage bin.

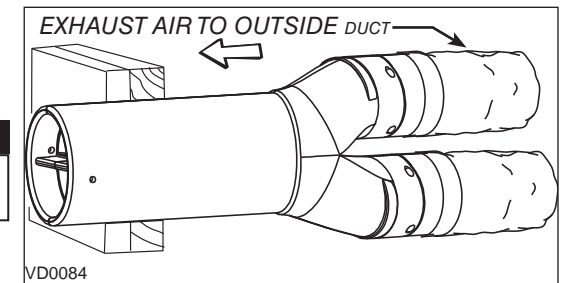


## 4. CONNECTING THE TANDEM TRANSITION TO THE DUAL EXTERIOR HOOD

4.1 Using a reciprocating saw, cut a 6" diameter hole in the exterior wall and insert the Tandem transition through this hole.

### CAUTION

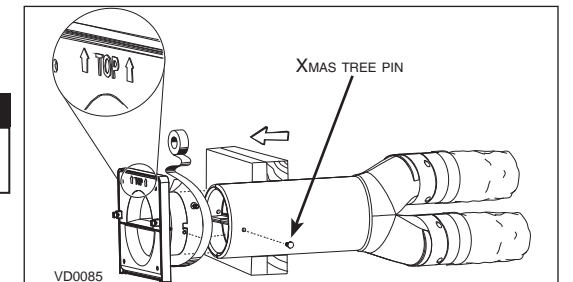
The Tandem transition must be inserted in such way that the *EXHAUST AIR TO OUTSIDE* duct will be located on the top.



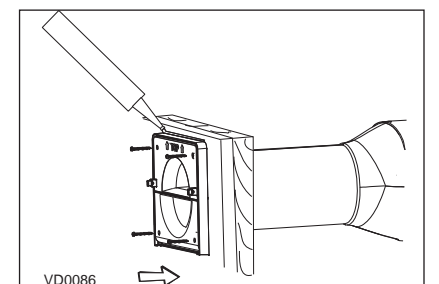
4.2 Join the end of the Tandem transition to the rear of the exterior backplate. Secure with 2 Xmas tree pins and seal properly with duct tape.

### CAUTION

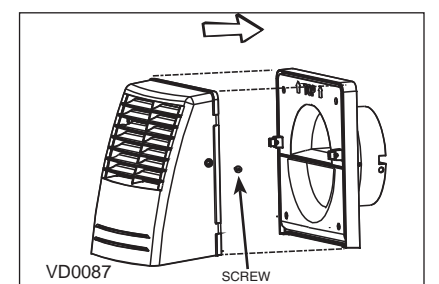
The exterior backplate must be installed with the word "TOP" pointing upwards.



4.3 Lean the exterior backplate to the exterior wall. Using 4 no. 8 x 1/2" screws, fix it to the wall. Seal the outline with caulking.



4.4 Snap the assembled exterior hood on its backplate and secure with 2 provided screws (no. 8 x 3/4" long).



\*Patented

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