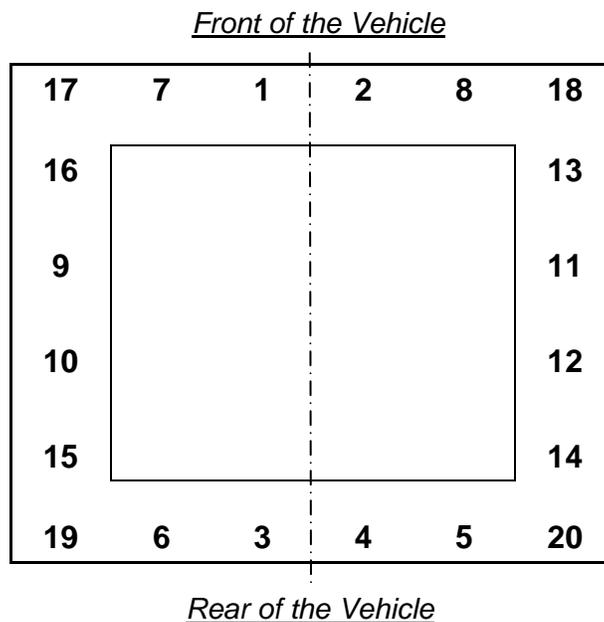




TECHNICAL BULLETIN - #A1101
SUBJECT: **TRANSPEC HATCH INSTALLATION INSTRUCTIONS**
Effective Date: 02/18/11

1. Cut a 24" square opening through the vehicle roof. The front safety vent should be located in the forward 20-25% of the vehicle. The rear safety vent should be located in the rearward 20-25% of the vehicle. Corners of the roof opening should be cut to a 4" radius. **DO NOT CUT ANY OF THE ROOF BOWS.** Roof bows are generally more than 24" apart. The safety vents should fit between the roof bows.
2. If butyl tape is applied to the underside of the frame, remove the backing of the tape. Place the hatch frame on the outside surface of the vehicle with the hinge to the front of the vehicle and the release latch to the rear. If butyl tape is not provided with the hatch, it is commonly sold through auto glass or body repair supply outlets. The caulking tape should be approximately 1" wide and 1/8" thick. Pressure should be applied evenly to the top of the frame to ensure proper compression of the tape. Clamps work well to evenly compress the tape.
3. When installing mounting fasteners, install them in sequence. Begin at the center line of the bus roof and work toward the outer edge. Refer to illustration.



The recommended fastener is a #10 x 1-1/4" Teks self drilling, self tapping screw. **DO NOT USE FASTENERS WITH COUNTERSUNK HEADS.** After the fasteners are installed, apply a finish bead of caulking around the edges of mounting flange to seal the seam.

4. Install the interior trim molding. Typically, screw locator points are placed on the face of the trim ring for achieving an even look. Screws may also be installed through the inside vertical wall of the mounting frame and into the vertical wall of the trim molding.
5. TWO SAFETY VENTS PROVIDE MAXIMUM "FLOW THROUGH" VENTILATION. THE FRONT SAFETY VENT SHOULD BE POSITIONED TO PUSH FRESH AIR INTO THE VEHICLE. THE REAR SAFETY VENT SHOULD BE POSITIONED TO PULL FRESH AIR OUT OF THE VEHICLE.