

# Fan/Mate®

## INSTALLATION INSTRUCTIONS

1. Place the Fan/Mate® over the roof vent with the louver area facing the rear of the vehicle. Center the Fan/Mate® over the vent making sure the vent lid on your vehicle is free to open and close without any interference. Trace through the four mounting holes of the Fan/Mate® onto the roof surface with a pencil.
2. Lay the four brackets on the roof at each penciled mark. Position them so that the traced holes on the roof area are visible through the long slot in the bracket, and the smaller upright portion of the bracket is flat against the vent wall. Some fan models have a low sidewall height. You may position the bracket either over or under the gasket that fits around the top of the sidewall. In addition, the button shown in FIG. A may interfere with mounting one of the brackets. If so, move the button to the right of the bracket (towards the hinged side of the vent) being sure to use a drill bit slightly smaller than the screw so that it will thread properly.
3. Mark the location of the small holes that are on the upright portion of the bracket onto the vent wall with a pencil for all four brackets.
4. Drill a 3/32" hole at each penciled location on the vent wall. **NOTE: DO NOT DRILL MORE THAN 1/2" DEEP INTO THE ROOF VENT WALL. THIS WILL PREVENT ANY POSSIBLE DAMAGE TO INTERNAL COMPONENTS OF THE FAN POWERED VENT.**
5. Place a carriage bolt (with the threaded end facing upward), up through the long slotted hole in the mounting bracket. Place a bracket at each drilled location, and using the self-tapping screws provided, fasten each bracket to the vent wall. FIG B Although not specifically required, you may wish to install the additional four screws provided. These should be installed in the bracket hole that rests horizontally on the vent flange. Drill a pilot hole at this location vertical to the flange. Fill the holes with caulking and install the screws.
6. Place the Fan/Mate® over the four upward pointing carriage bolts, and fasten it to the brackets using the 1/4" flat & lock washers and the 1/4-20 nuts provided. Please note that a slight air gap around the flange of the vent cover is normal.

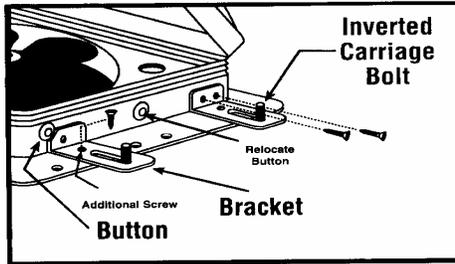
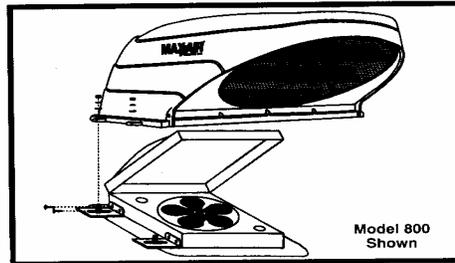


FIG. B



**Contents of Kit**

- |                              |                                |
|------------------------------|--------------------------------|
| 4 - 1/4x20 SS carriage bolts | 4 - 1/4x20 SS lock washers     |
| 4 - 1/4x20 SS nuts           | 4 - 1/4x20 SS flat washers     |
| 4 - aluminum brackets        | 12 - #6 SS self-tapping screws |

**Tools Required:**

- POWER DRILL with 3/32" DRILL BIT  
 PHILLIPS HEAD SCREW DRIVER  
 ADJUSTABLE WRENCH  
 & PENCIL