

Figure 1 Air Gap Mounted



Figure 2 Air Gap Bracket



(shown with satellite mount which can be purchased separately.)

INSTRUCTIONS FOR MOUNTING AIR GAP KIT FOR X1, G2, TAILGATER, FLEX SATELLITE MOUNTS

All stainless steel bolts and washers are included.

1. Two slotted 23.8" aluminum vertical channels
2. One aluminum horizontal bottom angle bar for roof
3. Two well nuts & 1/4" bolts for the horizontal bottom roof angle bar.
4. Four 1/4" X 1" bolts, nuts, washers for the vertical channels.
5. You may have ordered just the air gap kit, or the kit along with one of our satellite brackets. You may have also bought the satellite bracket elsewhere.

1. Measure the distance from the top of the inside of the air deflector down to the top of the cab roof. Our slotted vertical channels are 23.8" long with 1/4" holes predrilled in the top and bottom. When bolted to the bottom angle bracket, the total length is 2 feet. Some air deflectors are shorter than others. You may have to cut the channels to fit your shorter air gap. In this case the upper holes will have to be re-drilled if you cut the channels shorter.
IMPORTANT: Do not "wedge" the vertical channels between the roof and the air deflector. Leave a little flex room.
2. Place the back of your antenna bracket to match the slots and insert the provided bolts through the holes of the bracket and through the slots of the vertical bracket. Do not tighten bolts at this time. This will set the distance for drilling holes in the top of the air deflector upper lip.
3. Bolt the horizontal angle to the bottom of vertical channels. Do not tighten bolts.
4. Place the top of the vertical channels on the inside of the top lip of the deflector and mark where to drill the 1/4" holes in the top of the deflector. Again, you may have had to cut the channels length down and drill new bolt holes in them.
5. Drill the two holes at the top lip of your air deflector & secure the vertical channels in the top of the deflector with provided 1/4" bolts. Use the large fender washers against the fiberglass behind the stop nuts and snug the nuts so the unit can still be moved easily.
6. Place the bottom of the angle to the top of the roof using a level to check for vertical upright. The angle will be inside of the top of the cab.
7. Mark where to drill two 1/2" holes in the top of the roof for bolting down the angle bracket. Set all parts aside, drill the holes down in the roof & insert the two provided well nuts in them. Place the angle bracket on top of the well nuts.
8. Use the 1/4" x 1" provided stainless steel bolts with lock washers to insert through the angle into the well nuts. Tighten all the bolts at the top and bottom of the channels. Do not over tighten.
9. Place the top plate of the 2-piece antenna bracket on the bottom half mounted now on our vertical rails from Step 2 earlier and use the provided bolts to secure it. Now you are ready to install the satellite antenna on top of the top plate.


Placing the King / Dish Tailgater or King Flex Antenna.

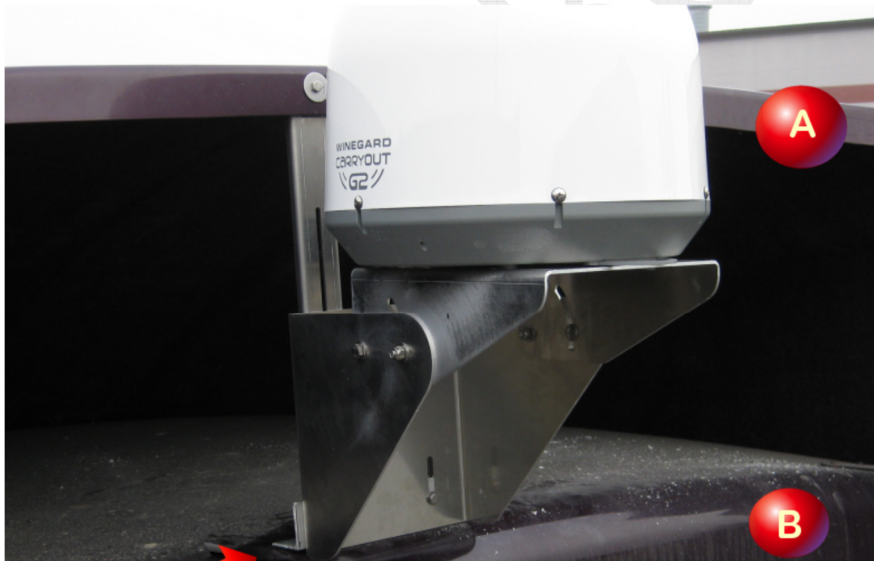
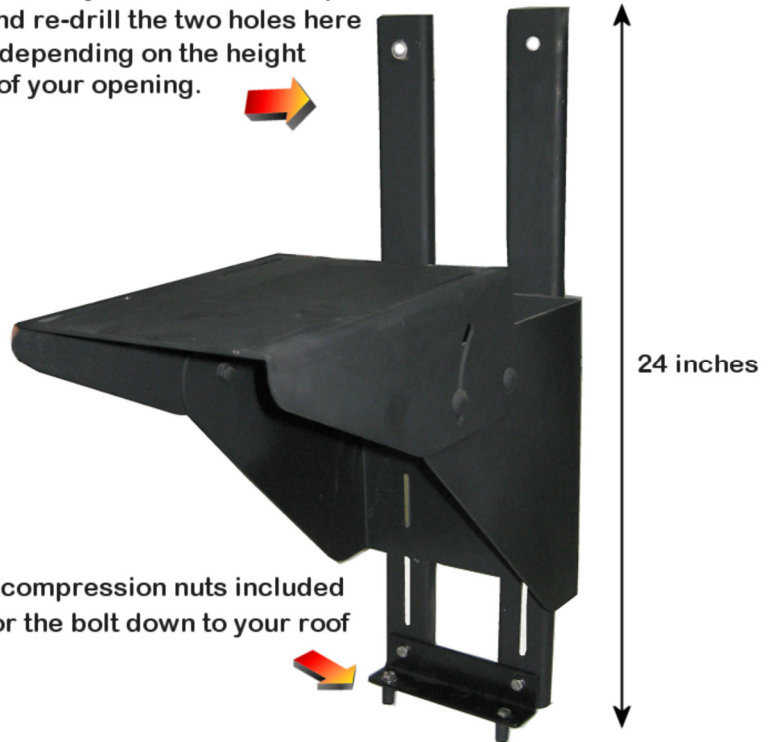
1. Some models have four rubber caps on the bottom used as portable feet. Remove them and this will expose the holes for the lag screws. There are no threads in these holes at first in these models. Most newer units have already exposed bolt or lag holes on the bottom. Use the stainless steel lag screws or bolts & washers that were provided with your satellite mount separately. To keep your warranty for King products, you must use one of their approved mounts with the rubber shock absorber feet.
2. Make final sliding (up or down) of the antenna and tighten all remaining bolts in the entire assembly. When possible, leave at least 4" of the unit above the cab. **Do not exceed over 13'6" overall height from the ground.**
3. Screw the coax cable into the antenna (using the provided non-conducting grease that came with your antenna) and follow the manufacturer's instructions provided with the unit to connect and activate with your TV and satellite provider.

Placing the Winegard G2 or X1 and the T4/D4 in motion units.

1. Remove the rubber bumpers (if necessary) from the bottom of the antenna and save the bolts.
2. Place the antenna on the top plate & line up the holes and secure with the bolts provided.
3. Adjust the antenna dome to be about 5" above the cab. **DO NOT EXCEED 13'6" HEIGHT FROM GROUND.**
4. Tighten all bolts in the assembly & follow the manufacturer's instructions for installing the cables to the receiver box.

A typical assembled configuration shown below. You may have had to deviate in some manner or orientation because of some detail of your specific roof or air deflector.

You may need to cut the top channels and re-drill the two holes here depending on the height of your opening. 



C 

(Shown here with a very short opening. Rails were cut way down in this example)

Which part sticks out further on YOUR truck? The top lip (ITEM A) or the roof (ITEM B) ?

You can flip the bottom angle (ITEM C) in EITHER direction – whichever makes more sense on YOUR ROOF so that the vertical channels are straight up and down.

If you have questions please call us from 8-5 M-F PST 866-851-2346 Dieselboss.com (rev 021517)