

## Barkow Carrier Mounting Instructions Dodge ProMaster

Thank you for purchasing a Barkow glass/stone carrier. With proper care, your carrier should provide many years of dependable service. Please read the following instructions carefully before you begin installation.

### PARTS LIST

- Glass/stone carriers with stakes (qty 1)
- 3/8" X 1 1/2" hex head bolts (qty 12)
- 1/4" diameter stainless steel washers (qty 6)
- 3/8" flat washers (qty 24)
- 3/8" lock washers (qty 12)
- 3/8" hex nuts (qty 12)
- Bolt with wire welded to bolt head
- Lower mount bars (qty 2 for single carriers, unless additional lower mount bars specified in order)

### THE GLASS/STONE CARRIER IS SECURED TO THE VAN AT TWO (2) POINTS: (SEE PHOTO A)

- 1) Upper mount rail
- 2) Lower mount bars

Photo A



### **STEP 1 - POSITION THE CARRIER**

- 1) Identify the front of the glass/stone carrier by the front load stop.
- 2) Set carrier securely on a jack stand or lift.
- 3) Center carrier to desired location. The bottom of Upper Mount Rail should line up with top of "window" body line, making sure there is NO structural tube in front of the fuel access door. (See Photo B, page 2)
- 4) Set the angle of the carrier by moving the bottom of the carrier in or out until the vertical posts are no more than 2" (inches) away from the side of the van at the closest point. This will set the carrier at a safe angle (approximately 6 degrees). If you are installing racks on both sides of the van, make sure you don't exceed the legal width limit of 102" (inches).

Photo B



"Window" body line

**STEP 2 - SECURE CARRIER TO VAN AND MAKE FINAL ADJUSTMENTS** (see Photos A & B)

1) From the inside of the van, drill five holes for a 10'(foot) carrier or four holes for an 8' (foot) carrier through the skin of the van and the back of the upper mount rail (see Photo C). Space the holes approximately 18" (inches) apart. The holes should be drilled just above the bend through the sheet metal (above the window cut-out). No shims are necessary between the upper mount rail and the sideways of the van. 2) Using provided hardware, bolt upper mount rail to side of the van. Silicone holes from inside and out to help prevent rust.

Photo C



Bolts connecting mount rail to van

**STEP 3 - ATTACH LOWER MOUNT BARS**

1) Re-check that the carrier is straight. Clamp, drill and then bolt the lower mount bars to the van body frame and the underside of the ledgeboard. Use the two lower mount bars and four 3/8" x 1 1/2" hex head bolts provided. Passenger Side Carrier: If mounting a passenger side glass carrier, a lower mount bar with a deeper bend has been included. Use this to clear the tailpipe. The mounting bars may require additional bending to fit perfectly. \*See page 3 for further instructions.



Front Lower Mount Bar

Photo D



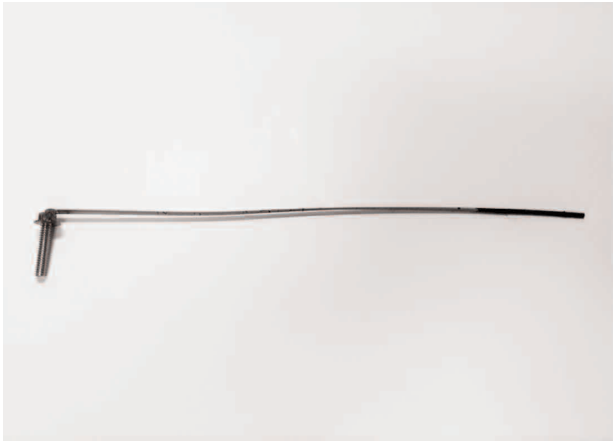
Rear Lower Mount Bar

Photo E

The maximum width limitation for commercial vehicles is 102".

\*Note: Many of the late model vans now have encapsulated frame rails. If your van is in this category, you may need to drill a 1" hole near the 3/8" hole that is used to secure the lower mount bar to the van (see photo below right). The 1" hole (drilled with a 1" hole saw) can be used to feed the bolt through to the 3/8" hole that secures the lower mount bar. Some vans have existing holes that you can feed the bolt through. The bolt with the wire welded to the bolt head (see photo below left) is designed so it can be fed through a hole. For your safety, since the wire is sharp; we strongly recommend the use of pliers and eye protection during this process and when tightening the bolt.

Bolt With Wire Welded to Bolt Head



Rear Lower Mount Bar



Drill Hole  
Here