

## 1992-2014 FORD VAN REAR TIRE CARRIER INSTALLATION INSTRUCTIONS



### Please read before beginning

- Stainless steel hardware may bind together when tightening—It is recommended that you apply an anti-seize assembly lubricant to the threads of each bolt before assembly.
- This installation requires two people

### Required tools

- Drill and drill bits (1/4", 5/16", 3/8")
- Standard wrench set
- Hammer and punch

### Included hardware

70118 – 5/16-18 Nylock Nuts SS  
 70028 – 3/8 x 7/8 Washer Flat SS  
 70029 – 3/8-16 x 1 1/4" Hex Bolt SS  
 Anti-seize Packet, 2g

### Quantity

1  
 4  
 1  
 1

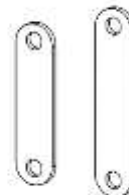
### Included Parts/Subassemblies



**x1**  
Tire Plate



**x1**  
Spacer Plate, Ford Van Tire Rack  
300199



**x1 (short)  
 x 1 (long)**  
Straps, Ford Van  
350175 & 350175.1



**x1**  
Door Pin Assy,  
Ford Van  
350177

## **Assembly instructions**

1. Remove the nuts on the driver side existing rear bumper
2. Loosen the passenger side nuts
3. Before installing the tire rack you will need to remove the upper door hinge pin on the driver side door
  - a. Tape a piece of cardboard below the hinge to protect the paint on the van
  - b. Drill the bottom of the hinge pin with a 3/8" drill bit 1/4" up into the hinge
  - c. Use a hammer and punch to drive the pin out of the hinge. The pin is splined at the top and requires hard blows to remove. A heavy hammer or 3 lb sledge is best. You will be attaching the stainless-steel strap to the hinge bolt
  - d. With the stock hinge pin removed, close the van door tightly.
4. Remove the nuts from the driver side bumper and set the Aluminess tire rack between the bumper and frame mount.
5. Re-insert the bolts on the bumper through the holes and tighten the bolts down about half way.
6. Adjust the tire rack so it is level. Do not tighten until the strap is secured.
7. Place one of the two straps onto the exposed hole on the tire rack, and the exposed hinge on the van door to see which length of strap you need. Keep in mind that the tire rack has some adjustment left to right if the strap seems to just too long or just too short.
8. Once you have selected the appropriate strap, use the hinge bolt we provided and put the hinge bolt thru the washer, then through the strap, then through the open hinge on the van door, second washer, and place the nylock nut on the bottom of the hinge pin.
9. Tighten the new door hinge pin down and adjust the tire rack up and down left and right so that the strap reaches the exposed hole on top of the pole, and then tighten down the tire rack to the frame of the vehicle.
10. Put the 3/8" bolt through a washer, then the strap, then another washer, and then thread it into the top of the pole.
11. Remove the nuts on the passenger side of the bumper and insert the spacer to keep the bumper even (parallel to the van).
12. Tighten the mounting bolts but make sure that the swing arm is level.
13. The tire rack is now installed—check the mounting hardware after 100 miles of driving to ensure that nothing has come loose due to vibration

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