

INSTALLATION GUIDE



**AGILE
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RDO SPRINTER CARGO CARRIER

GENERAL INFORMATION

The Agile RDO Cargo Carrier is designed for the 2019+ Sprinter. The Rear Door Organizer allows you to carry the necessary gear and accessories anywhere the road will take you. The Agile RDO Carrier conveniently mounts to the passenger's door without blocking the door handle. The carrier is also lightweight and corrosion-resistant due to its aluminum construction.

****Read the instructions completely before starting the installation process.****

PARTS INCLUDED

Part # AOR29223:

Upper RDO Plate

Lower RDO Plate

Center Support Bracket

Upper Hinge Bracket

Lower Hinge Bracket

AO Door Emblem

12 x 3/8-16 x 7/8" Button Head Bolts

12 x 3/8-16 Flange Nyloc Nuts

4 x 3/8-16 x 3/4" Button Head Bolts

C-Shaped Threaded Mounting Plate (Upper Hinge)

Rectangular Thread Mounting Plate (Lower Hinge)

Rectangular Emblem Backing Plate

2 x 1/4-20 x 1/2" Cap Screws

8 x 1/4-20 x 7/8" Button Head Bolt

8 x 1/4-20 Flange Nyloc Nuts

TOOLS NEEDED

5/32 Allen Wrench

7/32 Allen Wrench

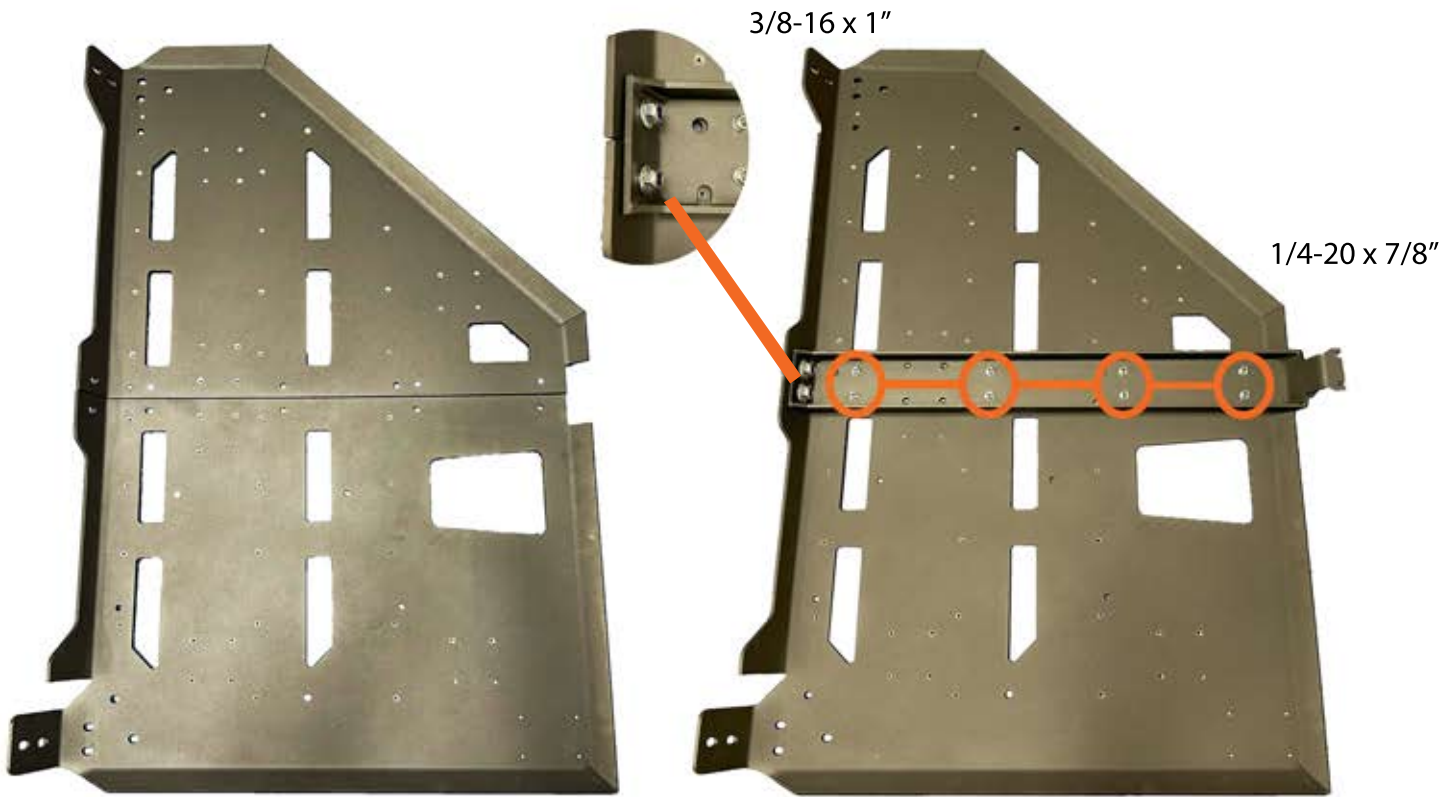
7/16" Socket and Ratchet

9/16" Socket & Ratchet Wrench

T25 Torx Bit

Anti-Seize Lubricant

Blue Loctite



1. Arrange the upper and lower RDO plates as shown.

2. Bolt the upper and lower RDO plates to the support bracket (as shown) using (8) of the supplied 1/4-20 x 7/8" bolts and nyloc nuts and (2) of the supplied 3/8-16 x 1" bolts and nyloc nuts.



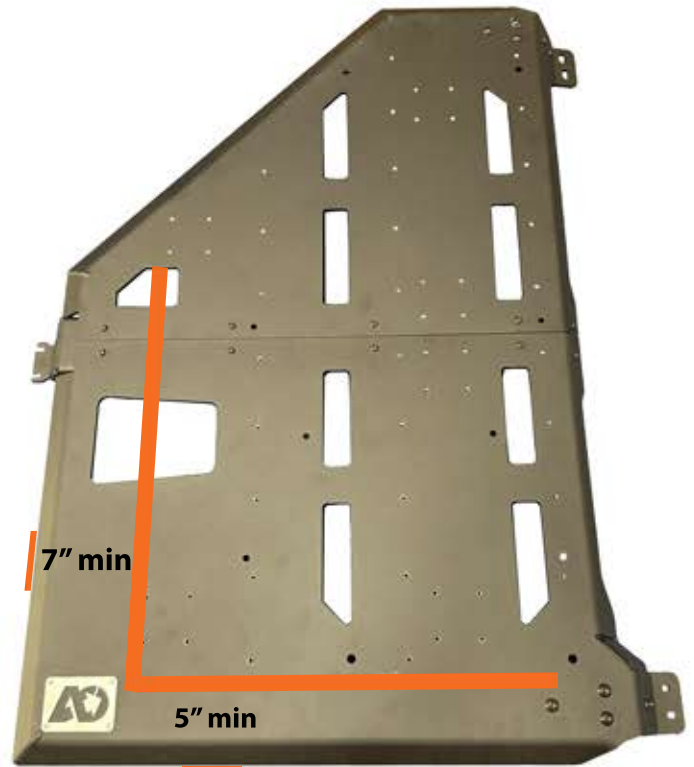
3. Install the upper hinge bracket to the top of the RDO plate assembly (as shown) using (5) of the supplied 3/8-16 x 1" bolts and nyloc nuts. Torque to 31 ft lbs.



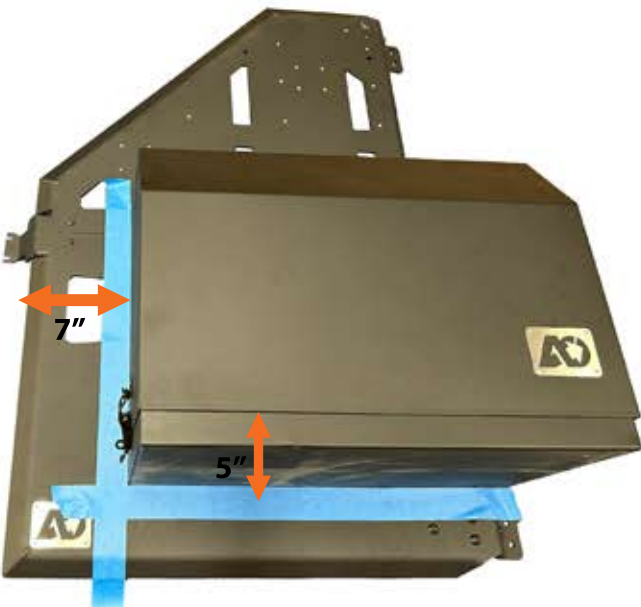
4. Install the lower hinge bracket to the bottom of the RDO plate assembly (as shown) using (5) of the supplied 3/8-16 x 1" bolts and nyloc nuts. Torque to 31 ft lbs.



4. With all bolts fully tightened and torqued, the RDO plate assembly should look as shown..



6. The RDO plate comes pre-drilled and tapped (1/4-20) for easy installation of boxes and/or accessories. Measure and pre-drill your box and/or accessories prior to installing the RDO plate on van.
****Note: To avoid clearance and/or parking sensor issues, mount items 7" from end of plate and 5" from bottom of plate*****



7. To install a box, place your box on the RDO plate assembly. Maintain the minimum clearance (as shown) to avoid clearance and/or parking sensor issues. Use masking tape to mark the final box location. ***** Note: Placing items beyond the right side of RDO plate may block brake light visibility*****



8. Place your box face down and then place the RDO plate assembly over box. Use the masking tape as reference for final box location. Locate the pre-drilled holes on RDO plate that best match your box. Use an 1/8" drill bit and drill the mounting holes into your box. Remove RDO plate assembly and drill 1/8" holes to 3/8".



9. The installation of the RDO plate assembly will require two people. One will hold the assembly, while the second person installs the mounting hardware.



10. Start with the upper hinge. Use (2) of the supplied 3/8-16 x 3/4" bolts and the c-shaped threaded mounting plate. *****Note: Apply a drop of blue loctite to the bolts*****



11. The c-shaped threaded mounting plate will index into the two factory hinge holes and will sit in the inside hinge pocket (as shown). Hand tighten bolts.



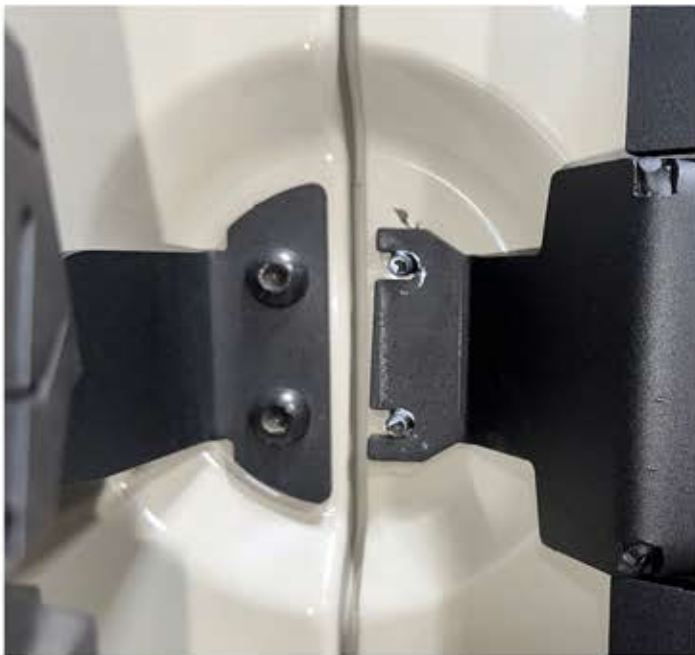
12. Use (2) of the supplied 3/8-16 x 3/4" bolts and the rectangular threaded mounting plate to mount the RDO plate assembly to the lower hinge. *****Note: Apply a drop of blue loctite to the bolts*****



13. The rectangular threaded mounting plate will index into the two factory hinge holes and will sit in the inside hinge pocket (as shown). Hand tighten bolts.



14. Remove factory door emblem. Install the (2) supplied 1/4-20 x 1/2" cap screws and rectangular backing plate into the factory emblem holes. *****Note: Apply a drop of blue loctite to the bolts*****



15. Line up the RDO plate assembly center mount with the new emblem bolts.



16. Install the supplied AO emblem.



17. Tighten the upper and lower hinge bolts and the two emblem bolts. Torque hinge mounting bolts to 31 ft lbs and the emblem bolts to 8-10 ft lbs. Install your box and/or accessories using (not supplied) 1/4-20 bolts and 1/4" washers.