



MOOVER™ TRANSPORTER SYSTEM

PART No. GCMT 4280

User Assembly and Operation Manual



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Installation Tips:

- Keep this manual for future reference.
- The Moover™ Transporter fits a 2" size receiver style hitch and requires a minimum of a Class II tow rating.

If this product was purchased from a dealer, all documentation MUST be furnished to the customer.

SAFE USE & OPERATION

Be sure to follow these guidelines to prevent possible hazards from misuse.

Vehicle and Hitch Receiver Compliance

This Moover™ Transporter fits 2" size hitch receivers and is rated for a Class II tow capability or higher (Class II, III and up). When operating a tow accessory (any item inserted into the hitch receiver), you must comply with the vehicle and hitch receiver's towing parameters. Consult your vehicle and hitch receiver owner manual(s) for details on your tow and tongue weight parameters. Be sure that they are compatible with the Moover™ Transporter's weight specifications.

Tongue Weight Compliance

The Moover™ Transporter and its cargo creates a combined weight that creates direct downward pressure on the hitch receiver's tongue. This downward pressure is the tongue weight. Tongue weight is one of the two critical weight rating factors of your tow rating's classification (Class I, II, III, IV, V). **Never exceed your vehicle and hitch receiver's tongue weight specification.**

Moover™ Transporter Weight and Load Parameters

The Moover™ Transporter weighs 80 lbs unloaded. To determine your available load weight in accordance with your vehicle and hitch receiver's tongue weight rating, subtract the Moover™ Transporter's 80 lbs from your identified tongue weight rating. The difference represents your vehicle and hitch receiver's available load weight.

The Moover™ Transporter is rated for up to 300 lbs of cargo weight carrying capacity. When transporting cargo, place heavy loads in the center and lighter cargo to the outside.

Ramp Operation

When operating the vehicle, the Ramp must be either removed, secured in the upright position, or positioned to lay flat on the Moover™ Transporter Cargo Rack.

Always secure the hinge bolts with locking nuts that are furnished with the Ramp Accessory so that at least two (2) threads protrude through the nut's nylon insert. This measure ensures safe connection of Ramp to Cargo Rack during transit.

Contact Us

Please contact Let's Go Aero at any time for assistance, from assembly to safe use and operation. We also offer a range of accessory options for expanded uses of your carrier.

Toll free: 877-464-2376 or 719-630-3800. Visit our website: www.LetsGoAero.com



WARNINGS

Failure to adhere to these recommendations may result in potential hazards from improper operation, including property damage and bodily injury.

- **Engage Silent Hitch Pin™**

The Silent Hitch Pin™ furnished with the carrier **MUST** be securely engaged before transit. A wrench **MUST** be used to tighten the Hexhead Silent Hitch Pin™ at the hitch receiver location.

- **Secure the Moover™ Transporter as close to vehicle as possible**

Always secure cargo rack as close to your vehicle as possible, minimizing the distance of this structure and its load from your vehicle. There are two bolt hole settings from which to choose.

We warrant this product to the first consumer to be free from defect in material and workmanship for one year (Please retain your sales slip for your records). Any product or part thereof found to be defective within that period will be replaced without charge provided that: (1) the product was not misused; (2) no alterations or modifications were made; (3) its failure resulted from a defect in material or workmanship and not from normal wear expected in the use of the product; (4) the product or part is delivered, freight prepaid, to Let's Go Aero. Please contact Let's Go Aero, toll free, at 877-464-2376 to get a return authorization number prior to return. Manufacturers only obligation shall be to replace such products or parts proved to be defective.

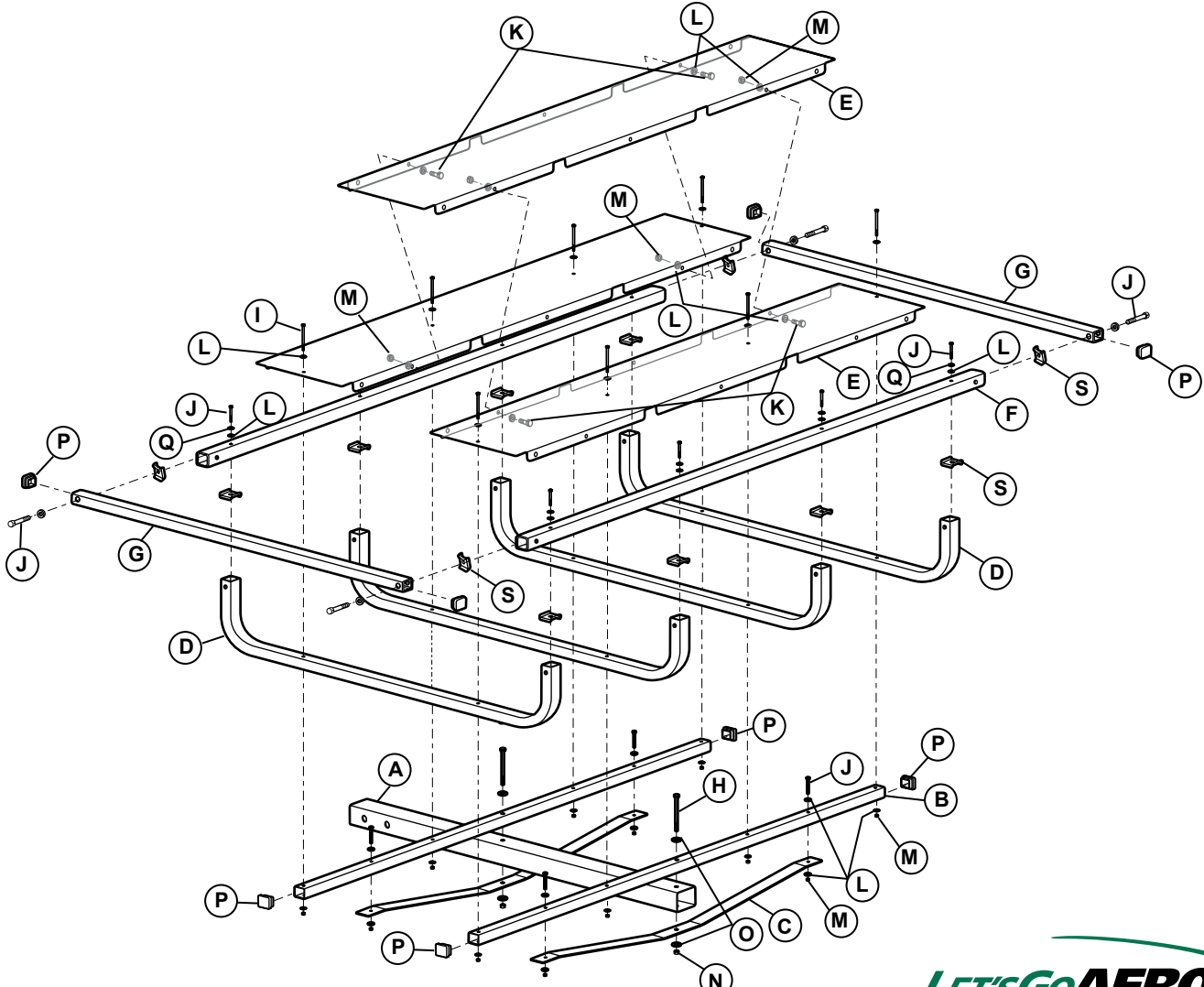
PARTS IDENTIFICATION

Parts List

Item	Description	Quantity
A	2" x 2" Shank Tube	1
B	1" x 1" x 43.25 Cross Tubes	2
C	1" x 1/8" Cross Straps	2
D	U-Tube	4
E	Panels	3
F	Side Tubes	2
G	End Tubes	2
H	4" x 3/8" Bolts	2
I	2-1/2" x 1/4" Bolts	8
J	1-3/4" x 1/4" Bolts	16
K	3/4" x 1/4" Bolts	4
L	3/4" x 1/4" Washers	44
M	1/4" Nyloc Nuts	16
N	3/8" Nyloc Nuts	2
O	3/8" x 1" Washers	4
P	Plastic End Caps	8
Q	1/4 x 20 Split Ring Lock Washer	12
R	5/8" Silent Hitch Pin and Clip	1
S	U-Tube Seal Gaskets	12

Tools Needed
9/16" Wrench
7/16" Wrench

*If you are missing any items, contact your sales agent if the product was assembled by them.
If not, or if purchased from Let's Go Aero, please contact us at 1-877-GO-4-AERO (464-2376).*



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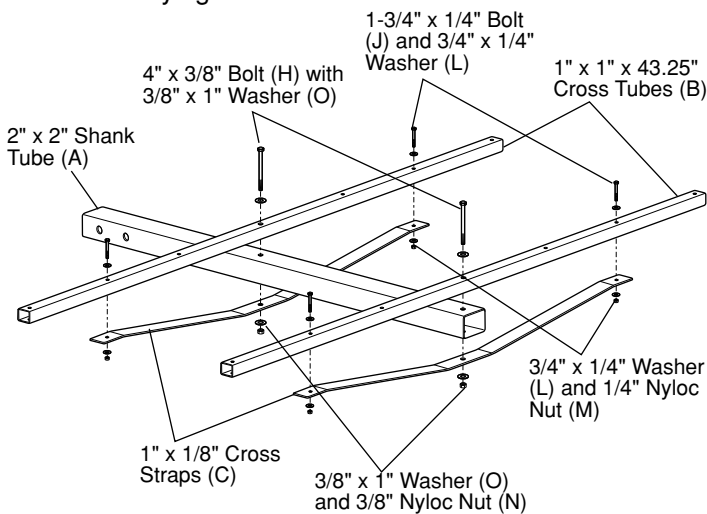
ASSEMBLY OF CARGO RACK

1. Locate the 2" x 2" Shank Tube (A), the two (2) 1" x 1" x 43.25" Cross Tubes (B) and the two (2) 1" x 1/8" Cross Straps (C). Place the Cross Tubes (B) on top of the Shank Tube (A) and perpendicular to it. Place the Cross Straps (C) under the Shank (A) and oriented to meet the Cross Tubes (B).


Use a 4" x 3/8" Bolt (H) with two (2) 3/8" x 1" Washers (O) and a 3/8" Nyloc Nut (N) to secure each Cross Tube (B) and Cross Strap (C) to the Shank (A).

Secure the ends of the Cross Straps (C) to the Cross Tubes (B) with a 1-3/4" x 1/4" Bolt (J), two (2) 3/4" x 1/4" Washers (L) and a 1/4" Nyloc Nut (M) at each location.

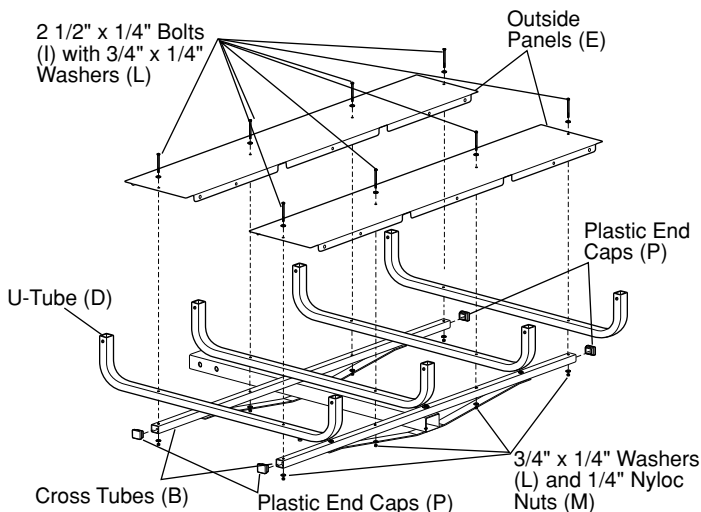
Securely tighten all hardware.



2. Position the four (4) U-Tubes (D) over the corresponding bolt holes in the Cross Tubes (B). Place the two (2) outside Panels (E) on top of the U-Tubes (D). Install a 2 1/2" x 1/4" Bolt (I), two (2) 3/4" x 1/4" Washers (L) and a 1/4" Nyloc Nut (M) at each location. Install Plastic End Caps (P) in the ends of the Cross Tubes (B).

NOTE: Recommended Tie Down location. 

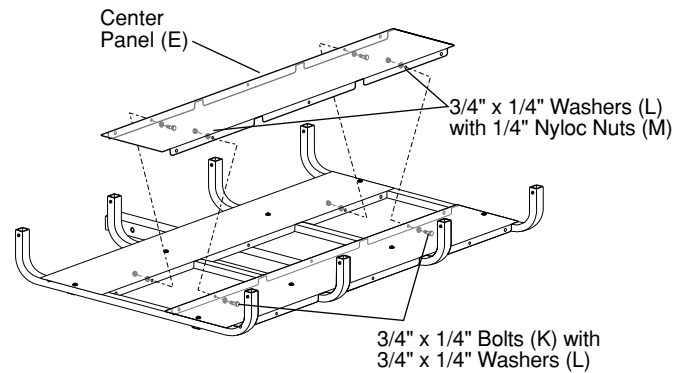
Grip Tape located on these two panels.



INSTALLING D-RING TIES DOWNS

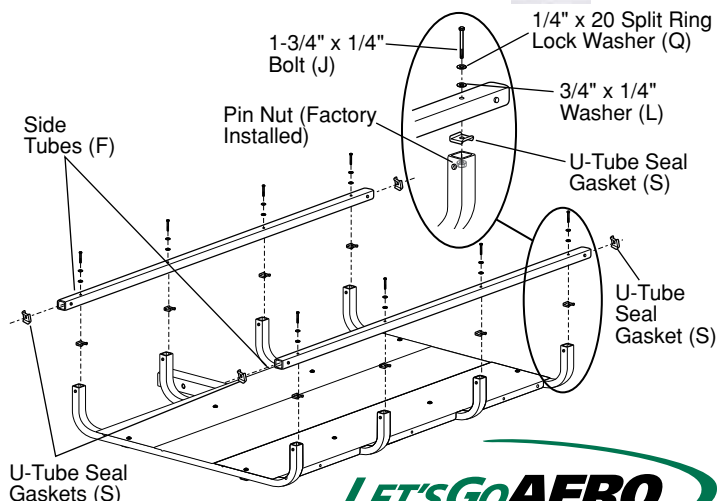
Four D-Ring Tie Downs may be positioned in your locations of choice using existing bolt holes and related hardware. The recommended positions are those in Step 2 and/or Step 4.

3. Place the middle Panel (E) on top of the U-Tubes (D). Use a 3/4" x 1/4" Bolts (K), two (2) 3/4" x 1/4" Washers (L) and a 1/4" Nyloc Nut (M) at each of the four (4) locations to secure this panel to the outside panels. Securely tighten all hardware installed in Steps 2 and 3.



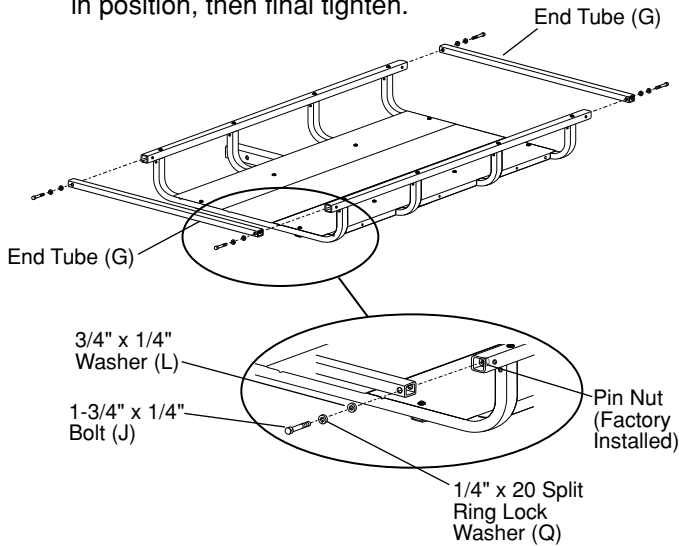
4. Install the two (2) Side Tubes (F) on top of the U-Tubes (D) with a U-Tube Seal Gasket (S) using a 1 3/4" x 1/4" Bolt (J), a 1/4" x 20 Split Ring Lock Washer (Q), and a 3/4" x 1/4" Washer (L) in each location. Place the U-Tube Seal Gasket on top of each U-Tube (F) and in each end of the Side Tubes (F). Then place the Side Tubes in place and secure them by threading the 1 3/4" x 1/4" Bolts (J), with 3/4" x 1/4" Washers (L) and 1/4" x 20 Split Ring Lock Washers (Q) into the pin nuts in each U-Tube (D). Loosely tighten the bolts until all eight (8) are in position, then final tighten.

NOTE: Recommended Tie Down location. 

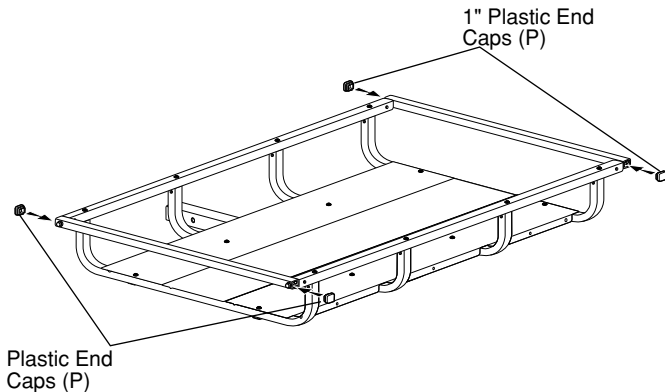


THE MOOVER™ TRANSPORTER SYSTEM

- 5.** Locate the End Tubes (G). Install them on each end of the Side Tubes (F) by threading the 1 3/4" x 1/4" Bolts (J), with 3/4" x 1/4" Washers (L) and 1/4" x 20 Split Ring Lock Washers (Q) into the pin nuts in each Side Tube (F). Loosely tighten the bolts until all four (4) are in position, then final tighten.



- 6.** Install a Plastic End Cap (P) in each end of each End Tube (G).



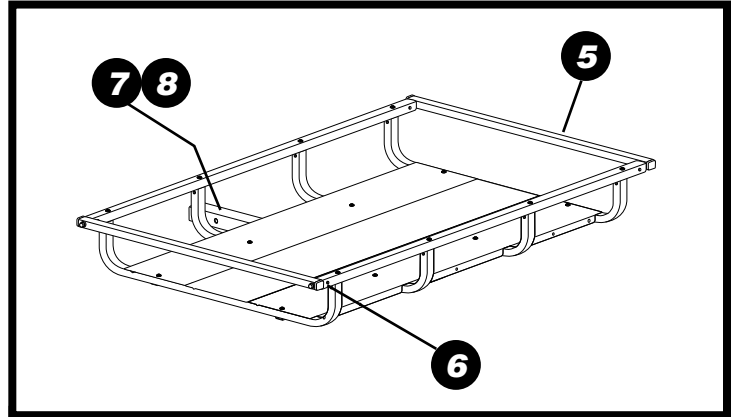
INSTALL CARGO RACK ON HITCH WITH SILENT HITCH PIN™

Install the Cargo Rack on your hitch using our Silent Hitch Pin™. The Silent Hitch Pin technology is the final step in the installation of the Cargo Rack on the vehicle's hitch. The Silent Hitch Pin prevents the inherent free-play that occurs when placing an accessory device (in this case the Moover™ Transporter) into the receiver hitch.

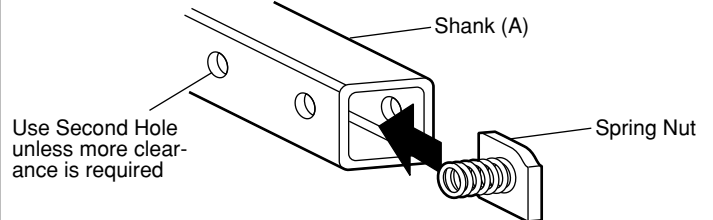


WARNING

The Silent Hitch Pin™ must be firmly tightened to work properly. Make sure you use the Hexhead Silent Hitch Pin™ (R) to attach the Shank to the receiver hitch and use a wrench to securely tighten it.



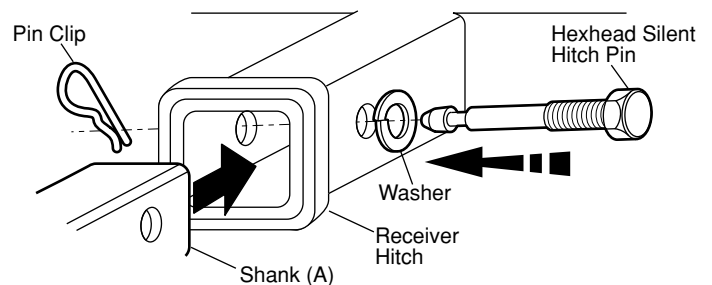
- 7.** Orient the Shank (A) with the two 5/8" holes toward the receiver hitch on the vehicle. Insert the spring nut from the Hexhead Silent Hitch Pin™ Assembly (R) into the Shank and line it up with the second hole from the end of the Shank (A).



Note: Use the bolt hole in the Shank that places the Cargo Rack as close to your vehicle as possible. If more clearance is needed use the last hole in the Shank.

- 8.** Slide the Shank with the spring nut installed into the vehicle hitch and line up the Shank's bolt holes with the hole in the hitch.

Make sure the washer is on the Hexhead Silent Hitch Pin™ (R) and thread it into the threaded spring nut. Use a wrench to securely tighten the Hexhead Silent Hitch Pin™ (R) to 30 ft. lbs – 60 ft. lbs. of torque (equivalent to tightening a lug nut on a car wheel). Install the pin clip from the assembly.



RAMP ASSEMBLY & INSTALLATION

PARTS IDENTIFICATION

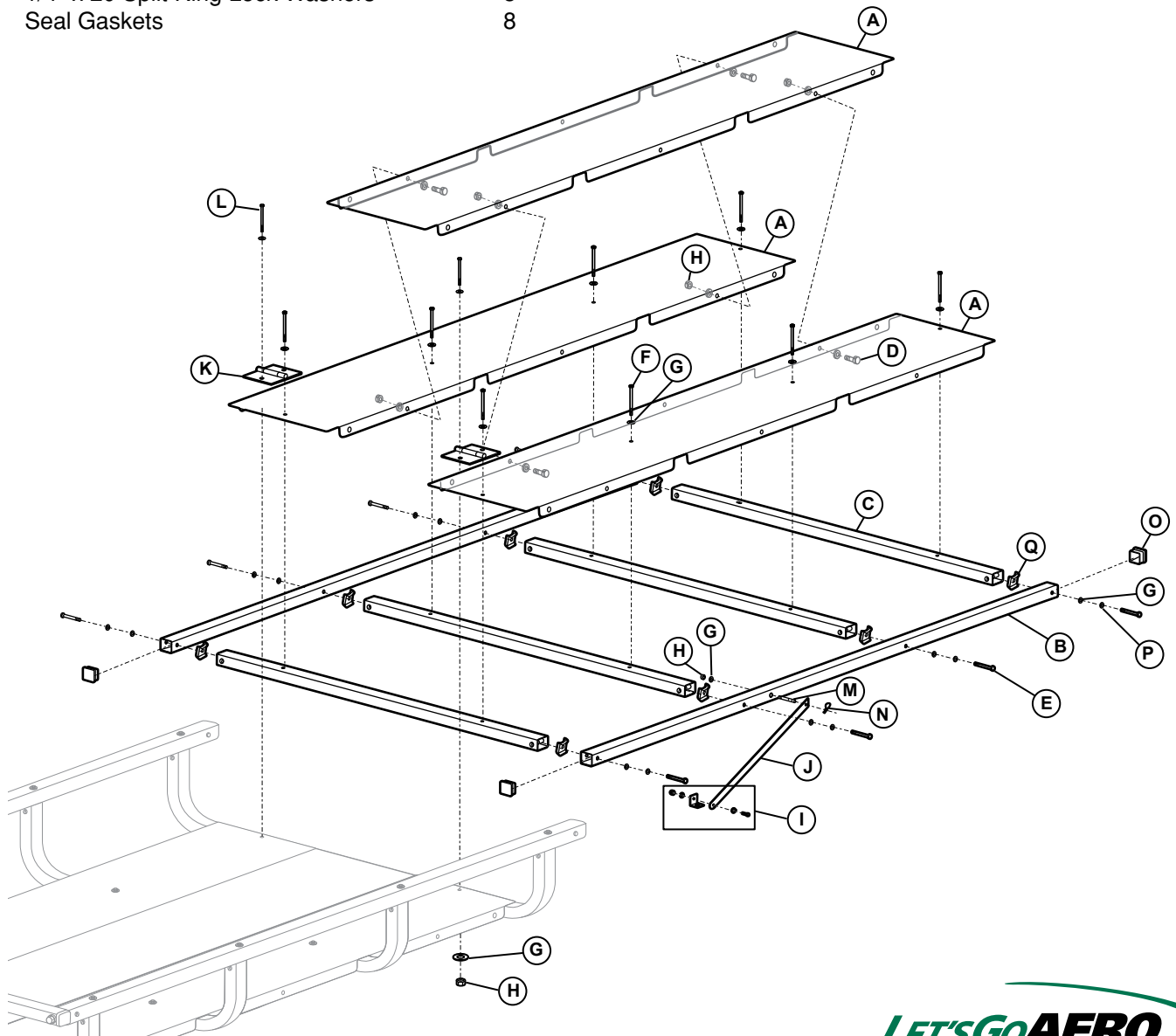
Parts List

Item	Description	Quantity
A	Base Panels	3
B	Side Tubes	2
C	Cross Tubes	4
D	3/4" x 1/4" Bolts	4
E	1-3/4" x 1/4" Bolts	8
F	1-1/4" x 1/4" Bolts	8
G	3/4" x 1/4" Washers	32
H	1/4" Nyloc Nuts	13
I	Ramp Stop Bracket Assembly	1
J	Ramp Stop Lever	1
K	Hinges	2
L	3" x 1/4" Bolts	2
M	Lynch Pin	1
N	Pin Clip	1
O	End Caps	6
P	1/4" x 20 Split Ring Lock Washers	8
Q	Seal Gaskets	8

Tools Needed

- 7/16" Wrench
- 7/16" Socket

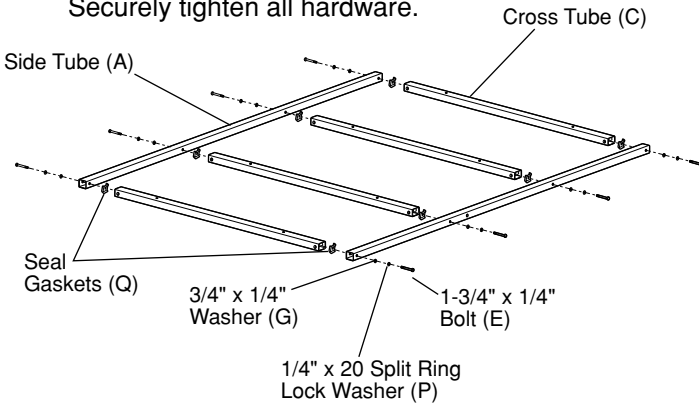
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RAMP ASSEMBLY

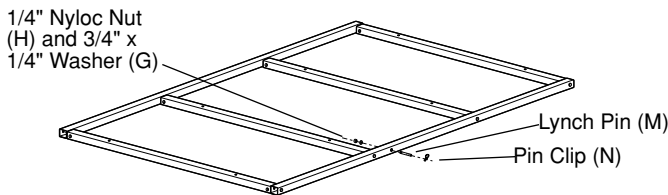
1. Place the Cross Tubes (C) between the Side Tubes (B) so that the ends of the Cross Tubes (C) line up with the holes in the Side Tubes (B). Insert a Seal Gasket (Q) into each end of each Cross Tube (C). Install a 1-3/4" x 1/4" Bolt (E) with a 3/4" x 1/4" Washer (G) and 1/4" x 20 Split Ring Lock Washers (P) through the Side Tube (B) and into the pin nuts in the end of each Cross Tube (C).

Securely tighten all hardware.



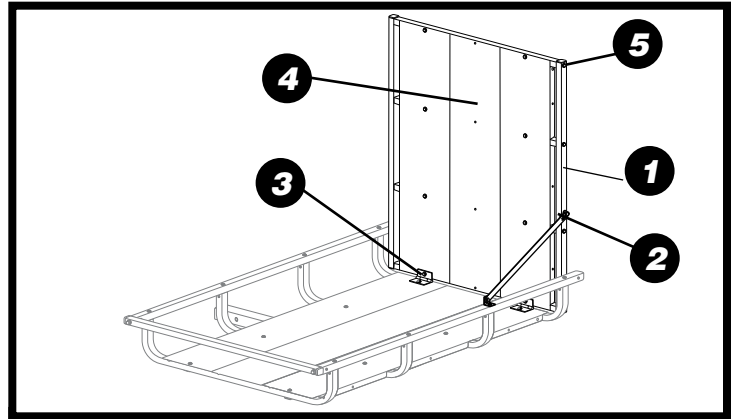
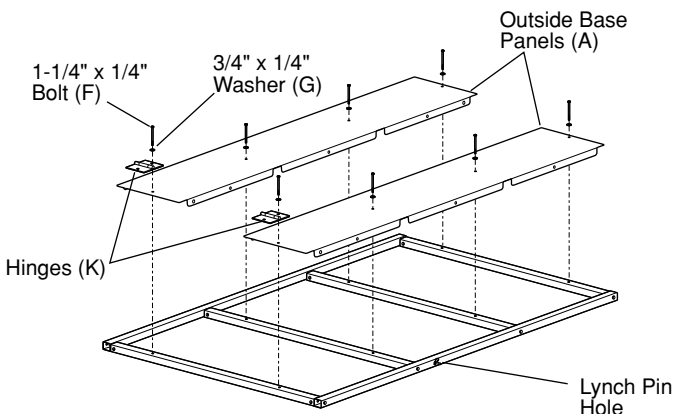
2.

Use a 1/4" Nyloc Nut (H) and a 3/4" x 1/4" Washer (G) to install the Lynch Pin (M) in the 3/8" hole in the Side Tube (B). Secure the pin with the Pin Clip (N).



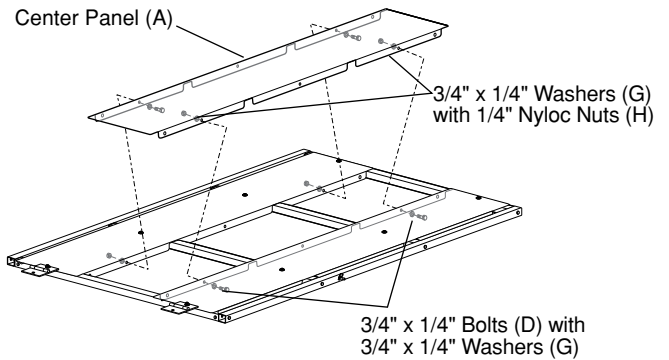
3.

Orient the outside Base Panels (A) to the Ramp Tube Assembly. Place the Hinges (K) over the end holes in the outside Base Panels (A) nearest the Lynch Pin hole. Install eight (8) 1-1/4" x 1/4" Bolts (F) with 3/4" x 1/4" Washers (G) to secure the outside Base Panels (A) and Hinges (K) to the Ramp Tube Assembly. Do not tighten these bolts completely at this time.

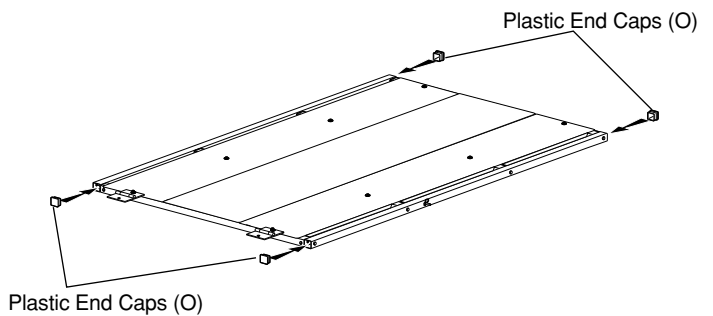


4. Place the center Base Panel (A) between the two (2) outside panels. Use a 3/4" x 1/4" Bolt (D), two (2) 3/4" x 1/4" Washers (G) and a 1/4" Nyloc Nut (H) at each of the four (4) locations to secure this panel to the outside panels.

Firmly tighten all hardware.



5. Insert the Plastic End Caps (O) in the ends of the Side Tubes (B).

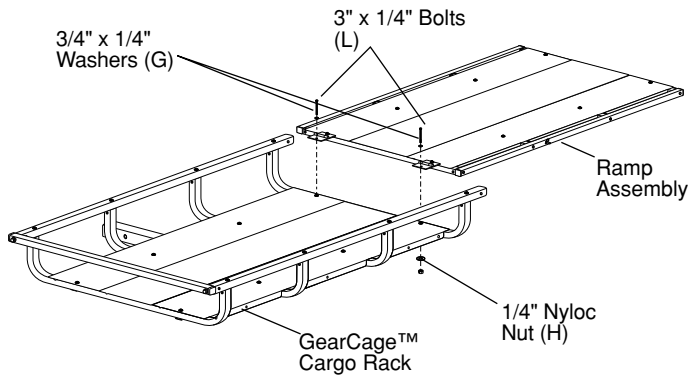


THE MOOVER™ TRANSPORTER SYSTEM
INSTALL RAMP ON CARGO RACK

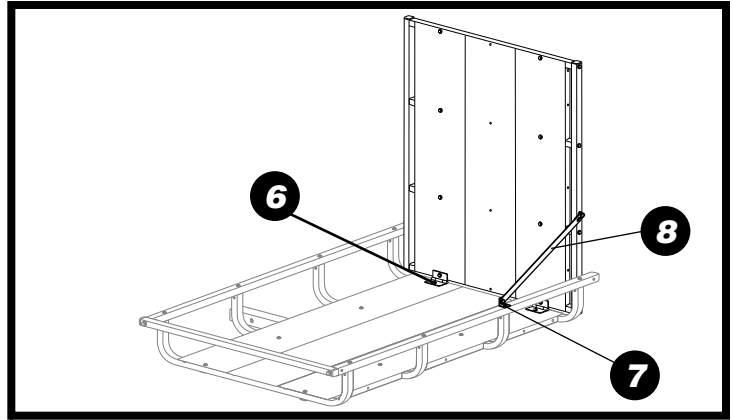
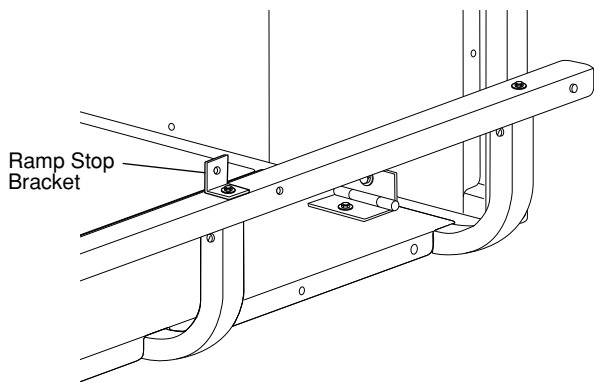
- 6.** Remove the tube on the passenger side of the Cargo Rack. Remove the bolts that mount the outside panels on the Cargo Rack to the U-Tube. Install a 3" x 1/4" Bolt (L), two (2) 3/4" x 1/4" Washers (G) and a 1/4" Nyloc Nut (H) through each Ramp Hinge to secure the Ramp to the Cargo Rack.

⚠ WARNING

When installing the 3" x 1/4" Bolts (L) with 1/4" Nyloc Nuts (H), always make sure that at least two (2) threads protrude through the nut. Failure to do so may cause the Ramp to separate from the carrier in transit, resulting in property damage, and bodily injury.

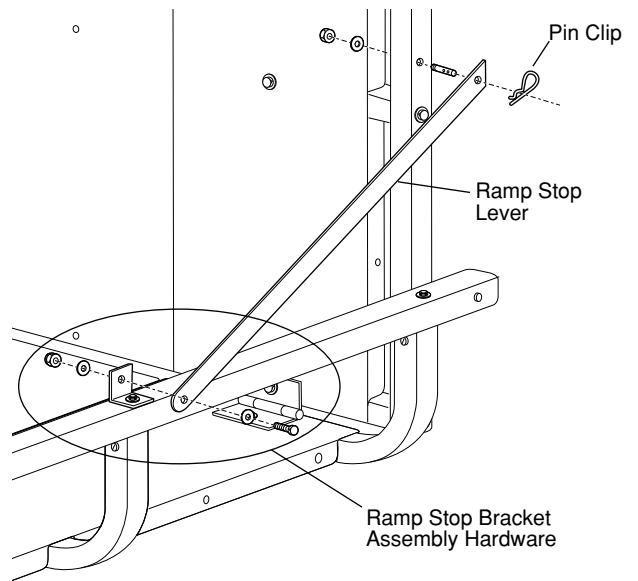


- 7.** Remove the bolt that secures the second Side Rail from the end of the Cargo Rack. Place the bracket from the Ramp Stop Bracket Assembly (I) over the hole and reinstall the bolt.



- 8.** Place the hole in the rounded end of the Ramp Stop Lever (J) over the hole in the vertical side of the bracket and secure it in place with the hardware from the Ramp Stop Bracket Assembly (I).

Use the Pin Clip (N) to secure the other end of the Ramp Stop Lever to the Lynch Pin (M) installed in Step 2.



⚠ WARNING

When operating the vehicle, the ramp must be either removed, secured in the upright position as shown, or positioned to lay flat on the Moover™ Transporter.

