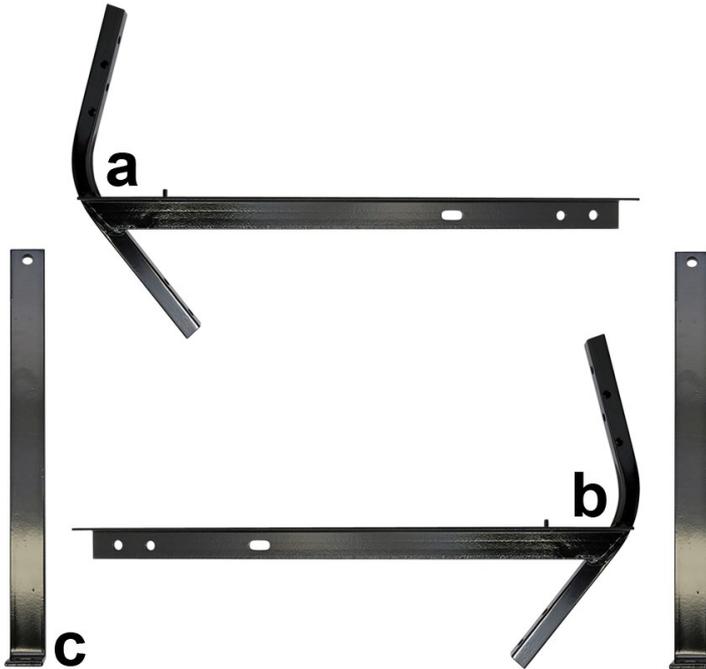




RHOOX

Rugged parts for your ride.

BOX-110 Yamaha G14-G22 Utility Box Mounting Kit Installation Instructions

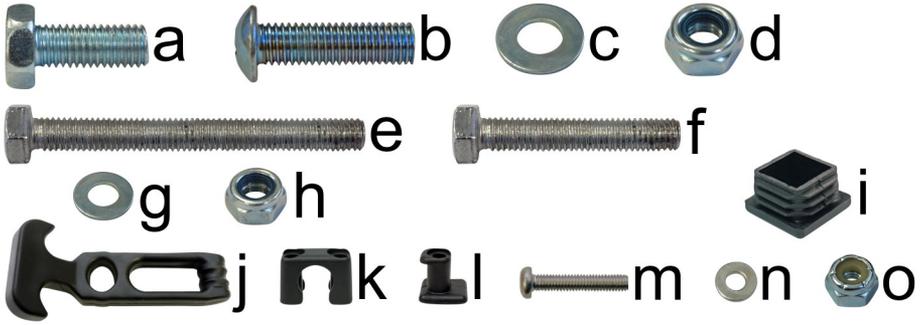


Contents of BOX-110 Utility Box Mounting Kit:

- a (1 ea.) Utility Box Support Frame, Driver Side
- b (1 ea.) Utility Box Support Frame, Passenger Side
- c (2 ea.) Vertical Support Brackets
- d (1 ea.) Latch Kit (Contents on Next Page)
- e (1 ea.) Box of Hardware (Contents on Next Page)

NOTE: Tops with Non-Collapsible Struts cannot be reinstalled with Thermoplastic or Poly Box.

Caution: Please read through the instructions carefully. Installer is responsible for damage if instructions are not followed properly. Look behind each drill or cut location BEFORE YOU DRILL OR CUT. Installer is responsible for damage (i.e. drilling/cutting into a wiring harness, battery, fuel tank etc.). Extra installers will be helpful in some parts of the installation. Refer to vehicle's maintenance manual for torquing specifications on reused hardware.



Contents of BOX-110 Hardware Kit and Latch Kit		Qty.
a	10mm-1.5 x 25 Hex Head Bolts	2
b	10mm-1.5 x 35 Phillips Head Truss Bolts	4
c	10mm Flat Washers	8
d	10mm-1.5 Nylock Nuts	6
e	8mm-1.25 x 75 Hex Head Bolts	2
f	8mm-1.25 x 45 Hex Head Bolts	4
g	8mm Flat Washers	12
h	8mm-1.25 Nylock Nuts	6
i	End Caps	2
j	Latches	2
k	Latch Mounting Brackets	2
l	Latch Catches	2
m	10-32 x 1" Pan Head Phillips Machine Screws	6
n	#10 Flat Washers	6
o	10-32 Nylock Nuts	6

NOTE: The Utility Box Mounting Kit is universal for the RHOX line of Utility Boxes. Depending on the style of utility box being installed, all of the hardware may not be used.

Tools Needed For Installation

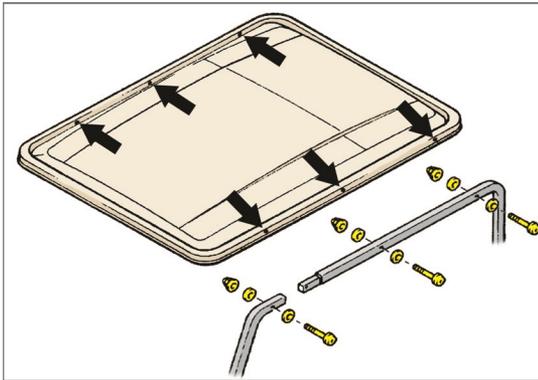
- Sockets and Open Ended Wrenches: 10mm, 12mm, 13mm, 17mm
- Allen Wrenches: 5mm
- Phillips Screwdriver
- Drill and Drill Bit (Small bit for pilot holes, 5/16", 7/16")
- Saw with Metal Blade (Carts with Non-Collapsible Struts)
- Rubber Mallet (Optional)

Installation Preparation

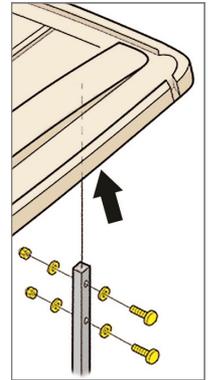
1. Engage parking brake.
2. Turn key OFF.
3. Electric Carts Only: Place Tow/Run Switch in Tow.
4. Remove top completely if not reusing it with the new steel or aluminum utility box.

Carts with Non-Collapsible Struts: Tops with non-collapsible struts cannot be reinstalled with Thermoplastic or Poly Box. If reinstalling the top on a steel or aluminum box, the factory struts will need to be modified in order to be reused. This can be done with the top attached to the cart if done carefully.

Carts with Collapsible Struts: If reinstalling the top keep the top attached to the front struts and prop up the rear of the top using a broom handle or similar tool. Retain hardware.



Carts with Non-Collapsible Struts
(Driver Side)

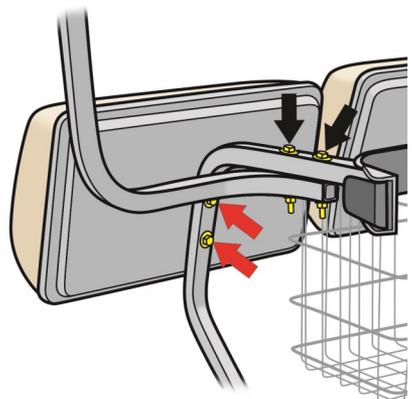


Carts with Collapsible Struts
(Driver Side)

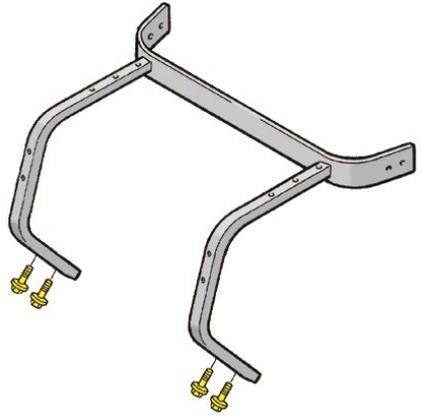
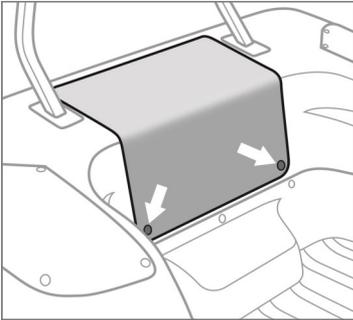
5. Remove the front seat back cushions (red arrows). Retain hardware.
6. Disconnect rear struts and remove sweater basket (black arrows). Retain hardware.

Carts with Non-Collapsible Struts:
Sweater basket can be removed by removing rear strut hardware.

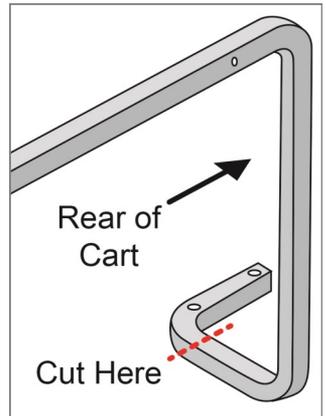
Carts with Collapsible Struts:
Sweater basket can be removed separately or with the front seat back supports. Retain factory rear struts if reinstalling factory top.



7. Remove the access panel. Retain rivets.
8. Remove the seat back support. Retain hardware and (2) rubber boots.

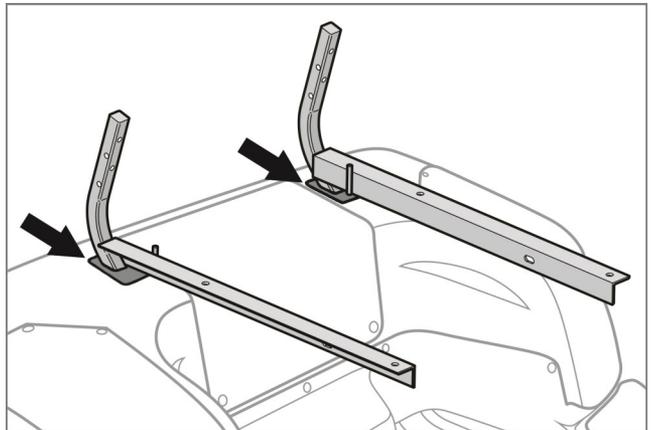


9. If reinstalling the factory top on carts with non-collapsible struts, cut the rear portion of the struts just inside of the rear most 90° bend. Remove any burrs with a file. Driver side shown.



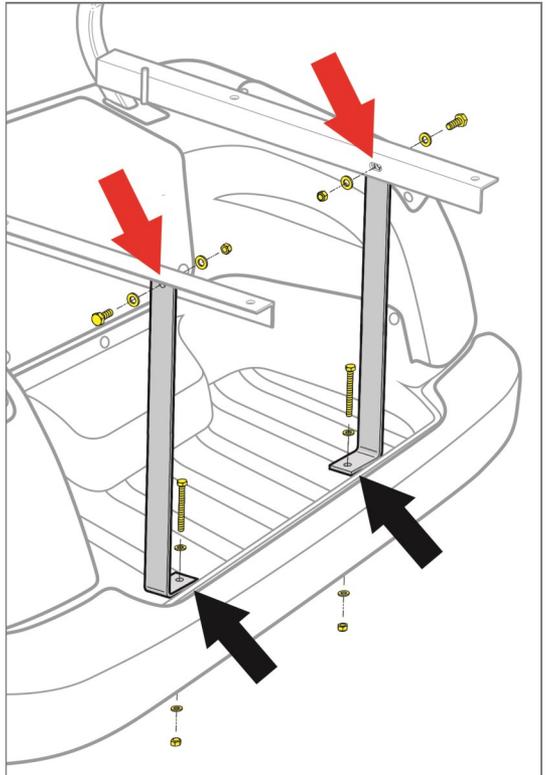
Utility Box Mounting Kit Installation

1. Install the utility box support frames to the rear body where the seat back support was removed. Mount using the Original Hardware and rubber boots. Place an end cap on the top open end of each support frame.

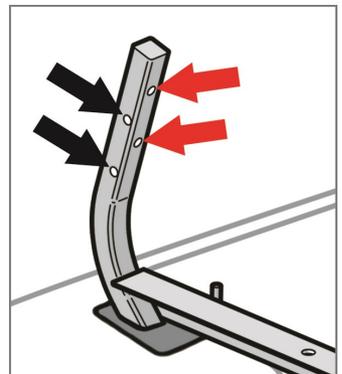


NOTE: The driver and passenger side brackets are different.

2. Reinstall the access panel using the Original Rivets.
3. Remove the (2) bolts in the bagwell area. Use a 5/16" drill bit to enlarge the (2) holes that the hardware occupied. Drill completely through the frame.
4. Loosely fasten the vertical support brackets to the bagwell area using (2) 8mm x 75 Hex Head Bolts, (4) 8mm Flat Washers and (2) 8mm Nylock Nuts (black arrows).
5. Fasten the utility box support frames to the vertical support brackets using (2) 10mm x 25 Hex Head Bolts, (4) 10mm Flat Washers and (2) 10mm Nylock Nuts (red arrows).



6. Reinstall the front seat back using the Original Hardware (red arrows).
7. Carts with Collapsible Struts:
If reinstalling the OE rear struts, install them to the utility box support frames using the Original Hardware (black arrows).

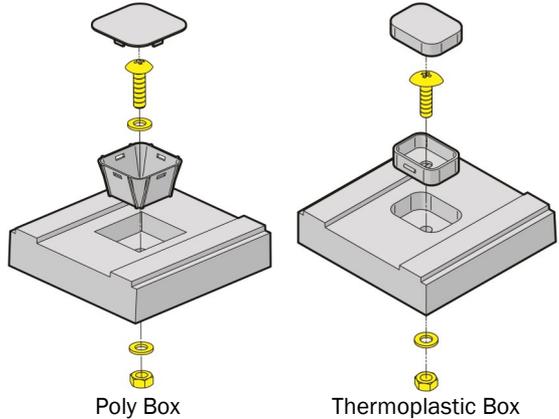


RHOX Thermoplastic and Poly Utility Box Installation

NOTE: Tops with non-collapsible struts cannot be reinstalled with the Thermoplastic or Poly Box.

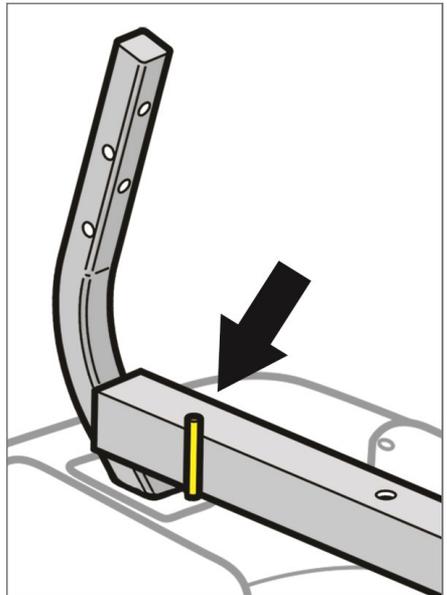
1. Place the utility box on top of the utility box support frames so the tailgate is towards the rear of the cart. Align the (4) mounting holes with the (4) holes on the support frames.
2. Fasten the utility box to the support frames using (4) Hardware Cap Sets, (4) 10mm x 35mm Phillips Head Truss Bolts, (4) 10mm Flat Washers and (4) 10mm Nylock Nuts.

3. Tighten all hardware.

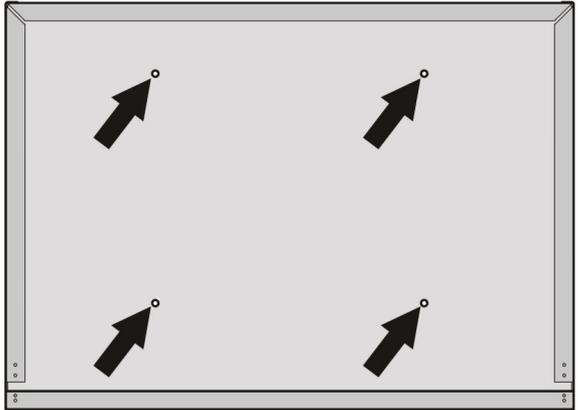


RHOX Steel and Aluminum Utility Boxes

1. Place the utility box on top of the support frames so the tailgate is at the rear of the cart.
2. Push the utility box towards the front of the cart until it touches both alignment pins. Passenger side pin shown.
3. Center the box between the driver and passenger sides of the cart.
4. Using a marking device, mark the (4) hole locations onto the underside of the utility box.
5. Remove the box from the cart and place it upside-down on a clean piece of cardboard to avoid damage.

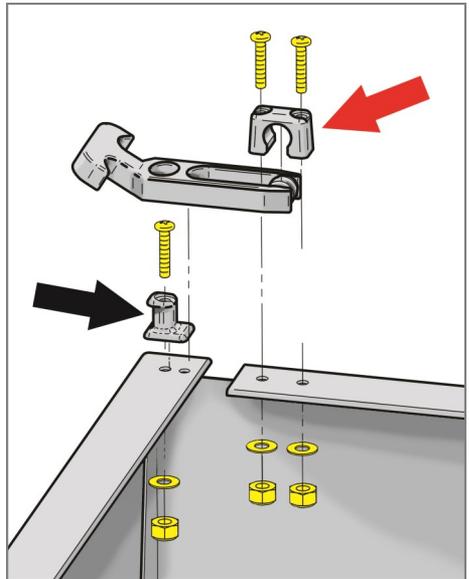


6. Use a center punch to make a dimple at each of the (4) marked locations. Use a small drill bit to drill a pilot hole. Work up to a 7/16" drill bit for the final hole size. Remove any burrs with a small file.
7. Fasten the utility box to the support frames using (4) 10mm x 35mm Phillips Head Truss Bolts, (4) 10mm Flat Washers and (4) 10mm Nylock Nuts.



8. Fasten the latch catches to the tailgate using (2) 10-32 x 1" Pan Head Phillips Machine Screws, (2) Flat Washers and (2) 10-32 Nylock Nuts (black arrow).

NOTE: Orient the latch catch as shown:



9. Fasten the latch brackets to the upper lip of the utility bed using (4) 10-32 x 1" Pan Head Phillips Screws, (4) Flat Washers and (4) Nylock Nuts (red arrow).
10. Tighten all hardware.

11. Carts with Non-Collapsible Struts:

If reinstalling the modified OE rear struts on a steel or aluminum box, align the struts with the forward-most lip of the utility box. Driver side shown.

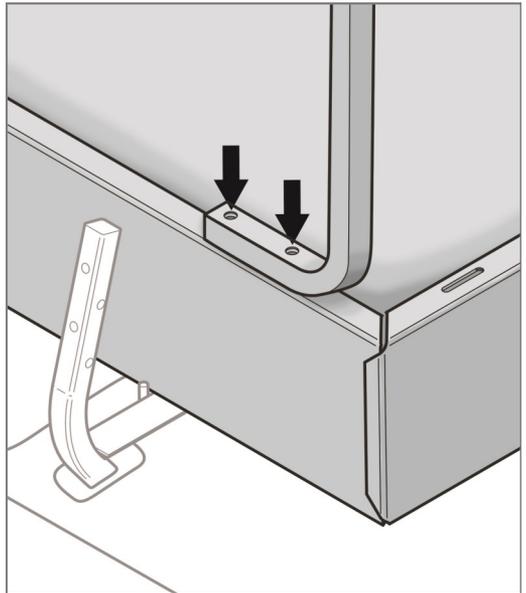
Use a marking device to mark (2) evenly spaced mounting locations on each strut.

Use a small drill bit to drill a pilot hole at each of the (4) marked locations on the struts. Work up to a 5/16" drill bit for the final hole size.

Realign the struts evenly on the utility box lip. Use a marking device to transfer the (4) hole locations from the struts onto lip. Drill a pilot hole at each marked location and work up to a 5/16" drill bit for the final hole size.

Fasten the struts to the utility box using (4) 8mm x 45 Hex Head Bolts, (8) 8mm Flat Washers and (4) 8mm Nylock Nuts.

12. Reinstall top using Original Hardware (if applicable).



This completes the installation of your RHOX Utility Mounting Kit and Utility Box. Please enjoy safely!

Scan QR code or use the link below to view the installation video.

<https://vimeo.com/user39935056>



