



RAD POWER BIKES™



2018 ACCESSORY ATTACHMENTS OWNER'S MANUAL

WWW.RADPOWERBIKES.COM

We are here to help! Please contact us at SUPPORT@RADPOWERBIKES.COM or 1-800-939-0310 if you have questions.

Welcome

Thanks you for purchasing a 2018 Accessory from Rad Power® Bikes. We take pride in bringing you a quality product that will offer years of enjoyment.

Using This Manual

This manual contains details of the product, its equipment, and information on its operation and maintenance. Read it carefully and familiarize yourself with each of your Rad Power Bike attachments before using them in order to ensure safe use and prevent tragic accidents. Be sure to retain this manual as your convenient Front Rack information source.

This Manual contains Warnings and Cautions concerning the safe operation and consequences if safe setup, operation and maintenance are not performed. All information in this manual should be carefully reviewed and if you have any questions you should contact Rad Power Bikes immediately. The notes, warnings and cautions contained within the manual and marked by this triangular Caution Symbol should also be given special care. Users should also pay special attention to information marked in this manual beginning with **NOTICE**.



Because it is impossible to anticipate every situation or condition which can occur while using this product, this manual makes no representations about the safe use of bicycles installed accessory attachments under all conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided, and which are the sole responsibility of the rider. You should save this manual, along with any other documents that were included with your bicycle, for future reference, however all content in this manual is subject to change or withdrawal without notice. Visit www.radpowerbikes.com to download the latest version. Rad Power Bikes makes every effort to ensure accuracy of its documentation and assumes no responsibility of liability if any errors or inaccuracies appear within. Assembly and first adjustment of your Rad Power Bike and attachments such as the front rack requires special tools and skills and it is recommended that this is done by a trained bicycle mechanic if possible.



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Installation Instructions for The Small Basket

Follow these assembly instructions if you would like to install the Small basket on the Front or Rear Rack on a 2018 bike from Rad Power Bikes. If you are installing a different accessory, please go back to the table of contents and look for the appropriate page.

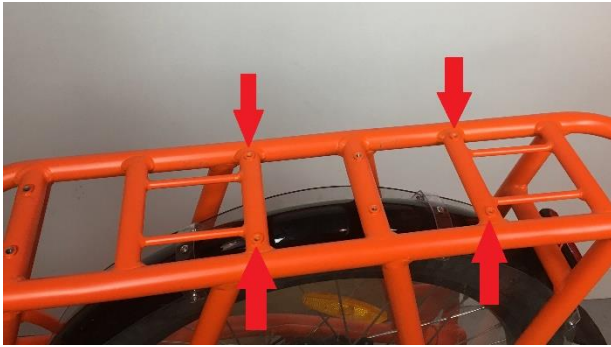
NOTICE: The following assembly steps are only a general guide to assist in the assembly of your Small Basket and is not a complete or comprehensive manual of all aspects of assembly, maintenance and repair. We recommend you consult a bicycle repair specialist to assist in the assembly, repair and maintenance of your bicycle and all accessories.

Required Tools:

- 3mm Allen Wrench

Step 1: Place the small basket on the Front or Rear Rack. Install the 4 included screws with a 3 mm Allen Wrench as shown below to the threaded holes designed to accept the small basket.

NOTICE: For mounting on the RadWagon rear rack you must remove the wood deck by removing all 6 bolts securing the wood deck to the frame to gain access to the 4 threaded holes for mounting the small basket as shown in the image below.



Step 2: Torque all 4 bolts to 3-5 Nm.



It is critical that the cables do not rub or interfere with the front rack or basket. Make sure that it is not possible for the cables to be snagged on any part of the bike while turning.



Do not load more than 10 kg on the front rack and follow the weight restrictions specific to the rear rack of your Rad Power Bike otherwise damage can occur.



It is critical that the cables do not rub or interfere with the front wheel or the safe turning of your Rad Power Bikes handlebars. Make sure that it is not possible for the cables to be snagged on any part of the bike including baskets while turning. Pay close attention to the routing of the front brake cable to ensure it cannot contact the front wheel or be pinched, stretched, or overextended when turning by the front rack or basket.

Installation Instructions for The Large Basket

Follow these assembly instructions if you would like to install the Large basket on the Front or Rear Rack on a 2018 bike from Rad Power Bikes. If you are installing a different accessory, please go back to the table of contents and look for the appropriate page.

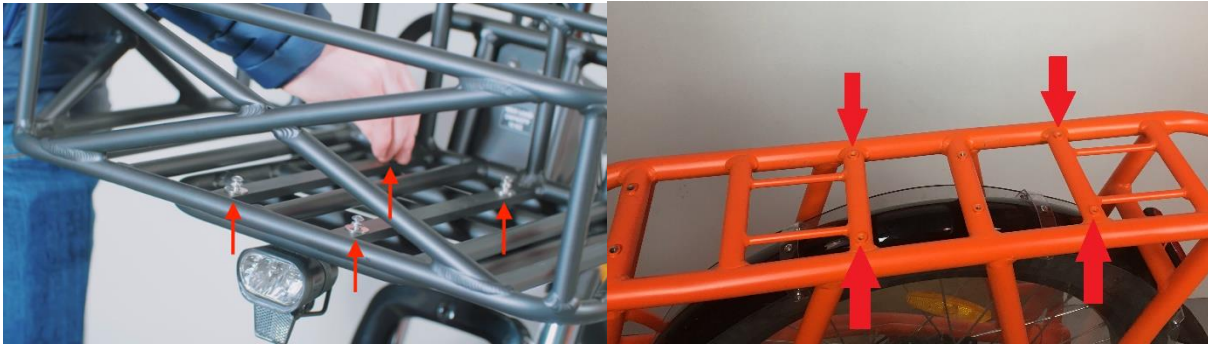
NOTICE: The following assembly steps are only a general guide to assist in the assembly of your Large Basket and is not a complete or comprehensive manual of all aspects of assembly, maintenance and repair. We recommend you consult a bicycle repair specialist to assist in the assembly, repair and maintenance of your bicycle and all accessories.

Required Tools:

- 3 mm Allen Wrench

Step 1: Place the Large Basket on the Front or Rear rack. Install the 4 included screws with a 3mm Allen Wrench as shown below.

NOTICE: For mounting on the RadWagon rear rack you must remove the wood deck by removing all 6 bolts securing the wood deck to the frame to gain access to the 4 threaded holes for mounting the large basket as shown in the image below.



Step 2: Torque all 4 bolts to 3-5 Nm



It is critical that the cables do not rub or interfere with the front rack or basket. Make sure that it is not possible for the cables to be snagged on any part of the bike while turning.



Do not load more than 10 kg on the front rack and follow the weight restrictions specific to the rear rack of your Rad Power Bike otherwise damage can occur.



It is critical that the cables do not rub or interfere with the front wheel or the safe turning of your Rad Power Bikes handlebars. Make sure that it is not possible for the cables to be snagged on any part of the bike including baskets while turning. Pay close attention to the routing of the front brake cable to ensure it cannot contact the front wheel or be pinched, stretched, or overextended when turning by the front rack or basket.

Installation Instructions for The Large Platform

Follow these assembly instructions if you would like to install the Large Platform on the Front or Rear Rack on a 2018 bike from Rad Power Bikes. If you are installing a different accessory, please go back to the table of contents and look for the appropriate page.

NOTICE: The following assembly steps are only a general guide to assist in the assembly of your Large Platform and is not a complete or comprehensive manual of all aspects of assembly, maintenance and repair. We recommend you consult a bicycle repair specialist to assist in the assembly, repair and maintenance of your bicycle and all accessories.

Required Tools:

- 3 mm Allen Wrench



Step 1: Place the Large Platform on the Front Rack. Install the 4 included screws with a 3 mm Allen Wrench as shown below.

NOTICE: For mounting on the RadWagon Large Platform you must remove the wood deck by removing all 6 bolts securing the wood deck to the frame to gain access to the 4 threaded holes for mounting the large basket as shown in the image below.



Step 2: Torque all 4 bolts to 3-5 Nm



It is critical that the cables do not rub or interfere with the front rack or platform. Make sure that it is not possible for the cables to be snagged on any part of the bike while turning.



Ensure loads are evenly distributed on the platform and properly secured.



Do not load more than 10 kg on the front rack and follow the weight restrictions specific to the rear rack of your Rad Power Bike otherwise damage can occur.



It is critical that the cables do not rub or interfere with the front wheel or the safe turning of your Rad Power Bikes handlebars. Make sure that it is not possible for the cables to be snagged on any part of the bike including platforms while turning. Pay close attention to the routing of the front brake cable to ensure it cannot contact the front wheel or be pinched, stretched, or overextended when turning by the front rack or large platform.

Installation Instructions for The Caboose

Follow these assembly instructions if you would like to install the Caboose on the 2015-2018 RadWagon. If you are installing a different accessory, please go back to the table of contents and look for the appropriate page.

NOTICE: The following assembly steps are only a general guide to assist in the assembly of your Caboose and is not a complete or comprehensive manual of all aspects of assembly, maintenance and repair. We recommend you consult a bicycle repair specialist to assist in the assembly, repair and maintenance of your bicycle and all accessories.

Required Tools:

- 3 mm and 5 mm Allen Wrenches

Step 1: Remove the 4 bolts shown below from the wood deck if you wish to keep the wood deck on with the caboose. If you will be installing Yepp Maxi Easy Fit child seats to the rear rack of the RadWagon, please fully remove the wood deck by removing the two screws marked by green circles, in addition to the first 4 bolts marked with red arrows.



Step 2: To install the caboose on top of the wood deck, use the longer M5x35 mm screws included with the caboose. To install the caboose directly to the rear rack, without the wood deck, use the shorter M5x20 mm screws included with the caboose.

Torque all 4 screws shown below to 3-5Nm and ensure the caboose is properly secured to the rear deck of the RadWagon.



It is critical that all 4 screws are properly secured before use. Please contact Rad Power Bikes support or a professional bike mechanic for assistance if you are unable to install your caboose properly. If the caboose is not installed correctly damage to your bikes, accessories or serious injury may occur.



Step 3: Set the adjustable center tubes to desired width using the holes on the cross bars on the front and back of the caboose. If you are utilizing 1 or 2 Yepp Maxi Easy Fit child seat(s) with the Caboose, you will need to move the two inner most tubes to the “L” section to allow room for the seat(s). The L section is the widest section.





Do not overtighten. Hardware should securely fasten the tubular bars together but be careful to not overtighten as damage can occur.



Do not use power tools to tighten or remove hardware during installation, as damage to hardware can occur.



Closely inspect all components and hardware for proper tightness before each ride. If you identify any loose hardware, tighten before use, or contact Rad Power Bikes for assistance

Installation Instructions for the DeckHand

NOTICE: The following assembly steps are only a general guide to assist in the assembly of your DeckHand and is not a complete or comprehensive manual of all aspects of assembly, maintenance and repair. We recommend you consult a bicycle repair specialist to assist in the assembly, repair and maintenance of your bicycle and all accessories.

Required Tools:

- 3 mm Allen Wrench

Step 1:

Once the DeckHand is removed from packaging, there will be 4x included screws. The 35mm screws are for mounting the DeckHand with the wood deck installed. The 20mm long screws are for mounting the DeckHand without the wood deck installed.



Step 2: Remove the two forward most screws from the rear rack of the RadWagon.



Step 3: Securely fasten both screws attaching the DeckHand to the frame of the RadWagon as shown. Tighten to 3-5 Nm using a 3 mm Allen wrench.





Do not overtighten. Hardware should securely fasten the DeckHand to the Frame of the bike but be careful to not overtighten as damage can occur



Closely inspect all components and hardware for proper tightness before each ride. If you identify any loose hardware, tighten before use, or contact Rad Power Bikes for assistance.

Carrying Loads and Passengers on the RadWagon

MAXIMUM PAYLOAD FOR RADWAGON

The total maximum weight limit of the RadWagon (350 Lbs.) includes the weight of the rider as well as clothing, riding gear, accessories, cargo, other riders, etc. The kickstand is not designed to be used for loading cargo. You **MUST** hold onto the bike whenever loading cargo, especially when loading precious cargo and children. Do not assume the bike is stable and balanced when using the kickstand, always hold onto the bike when cargo is being loaded or in place.

Total payload: 350 lbs.

Rear Rack: 120 lbs. No more than 40 pounds should be loaded over the rear 1/3rd of the back deck.

Running Boards: 40 lbs. per side

Kickstand: 100 lbs.

Flatbed Caboose: 45 lbs.

CARRYING CHILDREN AND OTHER PASSENGERS

The use of certified and approved child seating and equipment are required whenever carrying children on the RadWagon. Rear wheel guards must be in place whenever carrying passengers to ensure feet and hands do not contact moving wheels. Ensure hands and feet are kept away from wheels at all times the bike is in motion. Check all regulations in the area where you operate the RadWagon to ensure carrying passengers, children, or cargo is allowed. Follow the stated weight limits in the section above, do not overload the RadWagon. The



RadWagon should never be operated by persons under the age of 18 years old. Children incapable of riding a bike independently or under the age of four should not ride as passengers on the back of the RadWagon unless they are seated in a properly fitted and approved Child Safety Seat.

Notice: The following bulleted list provides important additional tips for the safe operation of the RadWagon when used for carrying children and other passengers.

- Do not allow passengers to sit sideways or backwards on the rear deck.
- Do not allow passengers to stand or kneel on the rear deck, or running boards.
- Increased weight from passengers will increase the time it takes to slow the bike when braking, please plan your stops accordingly. Ensure both front and rear brakes are properly adjusted and maintained.
- When carrying passengers 4 years old or above you must have the running boards, rear wheel side covers and a stoker handlebar. As mentioned above, children incapable of riding a children's bike should not ride as passengers, use your best judgement as a parent or guardian.
- Hold onto your bicycle when loading and ensure that your passengers are safely seated before beginning to ride.
- That you and your passengers are wearing a properly fitted and approved helmet.
- Since passengers sit behind you they cannot see bumps or upcoming turns so instruct your passengers to brace for bumps and be prepared for turns and other maneuvers.
- Passengers should sit directly over or forward of the rear wheel on the back deck, and no more than 40 pounds should be loaded over the rear 1/3rd of the back deck.



Never leave the bike unattended with children on the bicycle. Ensure children are removed from the bike before you look away or walk away from the bike, otherwise the bike could tip over and cause serious injury to your most precious cargo.



Do not remove the clear rear wheel side covers from your RadWagon. These help to keep hands and feet away from the moving wheels. Contact with the rear wheel can cause injury and damage to occur.





The kickstand is not designed to be used for loading cargo. You **MUST** hold onto the bike whenever loading cargo, especially when loading precious cargo and children. Do not assume the bike is stable and balanced when using the kickstand, always hold onto the bike when cargo is being loaded or in place.

Carrying Loads

MAXIMUM PAYLOAD FOR THE FRONT RACK

The total maximum weight limit of the Front Rack is (10kg). The kickstand is not designed to be used for loading cargo. You **MUST** hold onto the bike whenever loading cargo on the front rack. Do not assume the bike is stable and balanced when using the kickstand, always hold onto the bike when cargo is being loaded or in place.

Front Rack: 10kg



The kickstand is not designed to be used for loading cargo. You **MUST** hold onto the bike whenever loading cargo. Do not assume the bike is stable and balanced when using the kickstand, always hold onto the bike when cargo is being loaded or in place.

CARRYING CARGO

Carrying a cargo load on an electric bicycle involves additional risks which need to be paid close attention to, users should practice riding on a flat and open area with light cargo before attempting to carry heavier loads. You must become accustomed to the braking, steering, and operational adjustments required to safely operate the bike with cargo. Braking, acceleration, and balancing are all significantly affected by the addition of cargo loaded on the Front Rack.

Notice: The following bulleted list provides important tips for the safe operation of the bike when used for carrying cargo.

- Plan your route accordingly as your hill climbing ability, steering and braking are all impacted when cargo is loaded on the Front Rack. Hills that are normally easy to climb and descend without cargo can become challenging and dangerous once cargo is loaded.



- Cargo should be loaded as low as possible to lower the center of gravity and improve stability, but ensure that cargo does not interfere with any moving components or the ground.
- Ensure your loads are properly secured and periodically check that nothing loosens.
- Get a feel for the cargo load in a flat and open area before riding on roads.



Do not use the front brake by itself, always apply the rear brake first followed by the front brake and be sure to use both brakes for all braking operations. Front fork failure or loss of control are plausible when the front brake is operated independently for slowing at high speed with cargo loads.



The kickstand is not designed to be used for loading cargo. You MUST hold onto the bike whenever loading cargo. Do not assume the bike is stable and balanced when using the kickstand, always hold onto the bike when cargo is being loaded or in place.

Link to Assembly Video and Online Resources

Assembly Video

Please visit the official Rad Power Bikes YouTube Channel to view instructional videos.

Online Resources

Please visit the Rad Power Bikes website at <http://www.radpowerbikes.com/> for more information or to contact us.

Limited Warranty

WARRANTY INFO

Every Accessory Attachment is covered under our manufacturer's one year all-inclusive warranty for the original owner against all manufacturing defects. Rad Power Bikes warrants these product, including all individual components against defects in material or workmanship as follows:



RAD POWER BIKES LIMITED 1 YEAR WARRANTY

Rad Power Bikes' bicycle components including accessories and hardware are warranted to be free from manufacture defects in materials and/or workmanship for a 1 year period from the date of original purchase.

Wear and tear is not covered under warranty.

TERMS OF WARRANTY

This warranty only applies to the original owner. This warranty does not apply to rental or commercial use bicycles. This warranty is expressly limited to the replacement of defective parts at the sole discretion of Rad Power Bikes. This warranty does not cover any damage or defects resulting from failure to follow instructions in the owner's manual, acts of God, accident, misuse, neglect, abuse, commercial use, alterations, modification, improper assembly, wear and tear, installation of parts or accessories not originally intended or compatible with the bicycle as sold, operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance. This warranty does not include consumables or normal wear and tear parts (tires, tubes, brake pads, cables and housing, grips). Rad Power Bikes will not be liable and/or responsible for any damage, failure or loss caused by any unauthorized service or use of unauthorized parts. In no event shall Rad Power Bikes be responsible for any direct, indirect or consequential damages, including without limitation, damages for personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, or product liability in connection with their products. All claims to this warranty must be made through Rad Power Bikes. Proof of purchase may be required with any warranty request.

