



## Kid Corral & Deck Bar Instructions

Hi there. Thanks for spending your hard-earned cash on this Surly product. Surly stuff is designed to be useful and durable. We're confident it will serve you well for years to come.

This document outlines how to properly install your new Surly Kid Corral and Deck Bar. If you do not feel comfortable with the installation, please take your bike to your local bike shop so they can get you set up right. If you do not have the proper tools and/or experience to install this product, you could hurt your bike, yourself, or your passenger. Be smart. Do the right thing.

An adult must operate the bicycle and be in control of the system at all times. As a guardian, you are responsible for the safety of minor children, vulnerable adults, or other passengers under your care. This responsibility includes ensuring the Kid Corral system and bicycle are properly assembled, in safe operating condition, and appropriately serviced and maintained. It is your responsibility to make sure passengers know appropriate passenger behavior. Review entrapment points and other hazards with passengers before riding. Make sure passengers are wearing helmets, as well as appropriate clothing and footwear. Clothing may become entrapped in moving parts. Do not allow passengers to wear loose clothing, including scarves, boas, capes, or other loose dress-up or play clothing while riding. You must be physically fit and confident in your ability to operate and stabilize the bicycle. It is your responsibility to make sure local motor vehicle and bicycle traffic laws are obeyed. Read these Instructions and review all the warnings and functions before going on a ride.

### ⚠ **WARNING:**

- **Make sure your passenger understands bicycle helmets are for bicycling only and are not to be worn when off the bike. A helmet must not be worn in play areas, on playgrounds, when climbing trees, or at any other time other than while riding the bicycle. Failure to follow this warning could result in serious injury. Passengers and operators should always wear CPSC-certified bicycle helmets.**
- **Cycling can be dangerous. Bicycle products should be installed and serviced by a professional mechanic. Never modify your bicycle or accessories. Read and follow all product instructions and warnings including information on the manufacturer's website. Inspect your bicycle before every ride. Always wear a helmet.**
- **Deck Bar is to be mounted in a forward-facing position only. Do not mount on the rear of deck. Rearward-facing passengers may become entangled or entrapped in the rear wheel and be seriously injured. Interference with the rear wheel may cause an accident resulting in a crash and injury to other passengers or the operator. Passengers should always ride in a forward-facing position**
- **Loose straps or a loose seat pad may become entangled in the wheel or drivetrain, leading to an accident and serious injury. Make sure seat pad straps are fully secured and pad is strapped down tightly covering all deck holes. Check security of the system before every ride**
- **Do not allow any of the passenger's body, clothing, shoe laces, or toys to come into contact with moving parts of the bicycle. Contact with moving parts may result in entrapment or entanglement, resulting in serious injury to passengers. Interference with moving parts may also result in a crash and serious injury to other passengers or the operator. Ensure proper foot retention system is in place.**
- **Loading cargo on top of the Kid Corral may cause product failure, resulting in injury to the operator or passengers, or damage to personal property. Never load cargo on top of corral rails**
- **Never lift a longtail bike while passengers or cargo are loaded. Doing so may result in an accident and injury to the passengers and operator, or damage to personal property. Unload all passengers and cargo, then team-lift the bike from beneath the deck if necessary**

⚠ **CAUTION: Passengers must be able to hold their head upright while wearing a bicycle helmet to ride. A physician should evaluate any rider who is of questionable developmental age or ability.**

For additional safety information about all Surly products visit: [surlybikes.com/safety](http://surlybikes.com/safety)

## Intended Use

The Surly Kid Corral and Deck Bar are compatible with Surly Cargo models. Surly passenger accessories are compatible with all Surly cargo models that feature our Dummy Cargo Kit.



The Surly Kid Corral and Deck Bar are designed for riding within the range of ASTM Condition 2 guidelines:

**Condition 2**—This is a set of conditions for the operation of a bicycle that includes Condition 1 as well as unpaved and gravel roads and trails with moderate grades. In this set of conditions, contact with irregular terrain and loss of tire contact with the ground may occur. Drops are intended to be limited to 15cm (6") or less.

Weight limit: 300 lb max operator / 200 lb max cargo + passenger(s) / 400 lb max operator + cargo + passenger(s).

Surly passenger accessories (Kid Corral, Deck Bar, and Deck Pad) are part of a modular system that can be adjusted and configured, as well as be compatible with some aftermarket passenger options. The system can be adjusted to suit you and your passengers' needs and experiences.

The stock Kid Corral system is suitable for 1 or 2 passengers, including older children who do not require the use of a child seat. A Thule Yepp Maxi seat is compatible with the Kid Corral system and may be purchased separately. The Thule Yepp Maxi seat should only be used with the Kid Corral in the "Fully Closed" position, see Corral Configuration images.

The Kid Corral can be configured in several "Open" configurations. In an "Open" configuration, the Kid Corral side supports and mounting bracket will interfere with the Thule Yepp Maxi seat hardware. Do not attempt to mount a Yepp Maxi seat while using any of the "Open" configurations.

## Intended Use

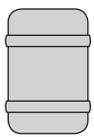
“Open” configurations are only suitable for an experienced operator, and passengers and/or older children who do not require the use of a child seat. We recommend starting in the fully closed position. Once the operator and passenger have become more experienced and comfortable with the system one of the “Open” positions may be used.

When only using the Deck Bar you can use 1 or 2 Deck Pads depending on your passenger count. Passengers should always be seated on a Deck Pad. An additional configuration is to use the Deck Bar, 1 Deck Pad, and a child seat mounted in the rear passenger position. This works well if you have a passenger who requires a more secure ride, and an older more experienced passenger not needing additional security. This is recommend for operators and passengers who are more experienced.

When adding cargo and passengers at the same time, ensure that the cargo is securely held, and that no part of the passenger will come in contact with the wheel, drivetrain, or braking components.

**⚠ WARNING: to avoid tip over and possible injury to passengers the operator needs to pay attention to and maintain contact with the bicycle during loading of passengers and cargo or while passengers are seated on the bicycle.**

## Corral Configurations

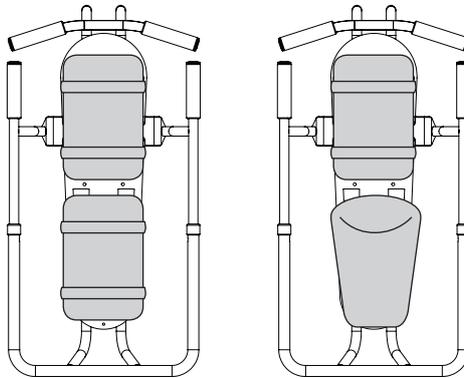


Child seated on Deck Pad

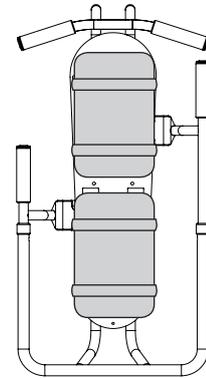


Child on Thule Yepp Maxi Seat

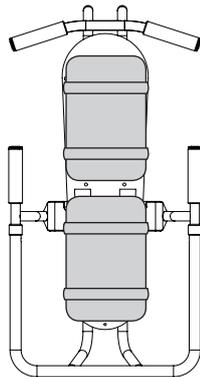
Both rails in fully closed position:



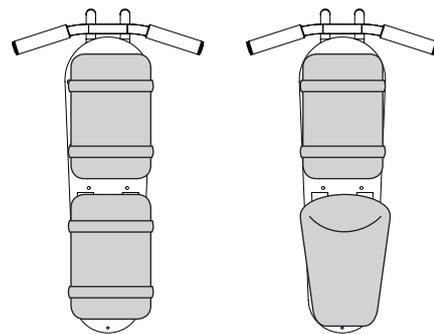
One side of corral open, one side closed:



Both sides of corral open:



Deck Bar only:



## Tools Required for Installation

### Tools for Kid Corral

4mm, 5mm hex keys  
10mm wrench  
Torque wrench

### Tools for Deck Bar

5mm hex key  
10mm wrench  
Torque wrench

## Compatibility

Kid Corral and Deck Bar grow with your family and adapt with your needs, as you and your family grow more experienced you can adjust one or both of the side rails.

**⚠ WARNING: Never adjust the Kid Corral or Deck Bar with passengers on the deck. Unload passengers and cargo before making any adjustments to the Kid Corral, Deck Bar, or Big Dummy Deck and Bags system. Attempting to do so may cause a fall or tip-over resulting in serious injury to operator or passengers.**

Deck Bar and Corral are compatible with standard Ø22.2mm dimension handlebar grips and plugs.

**⚠ WARNING: Unprotected handlebar and corral ends may cause serious injury. Install an appropriate handlebar plug and grip.**

Surly passenger accessories are compatible with all Surly cargo models that feature our Dummy Cargo Kit. Deck Pads are intended for passengers ages 5+ who are able to sit up unassisted, and who no longer require use of a child carrier.

Surly cargo bikes and frames, and Surly passenger accessories are designed to be used as a system. Complete bikes, frames, and passenger accessories are sold with two (2) rail collars. At a minimum, two (2) rail collars are required when using Surly Dummy Deck, rails, and bags, and when carrying passengers.

Bikes and frames are compatible with up to four (4) rail collars. If carrying passengers and using a deck, rails, or bags made by another company, then the use of four (4) rail collars is required. If you need additional rail collars contact your local bike shop.

Child passengers must use seat pads unless secured in a child carrier. Big Dummy bags or another compatible foot retention system must be installed for all passengers (Fig. 1).

If you are planning to carry a young child under the age of 5, the Thule Yepp Maxi seat must be used. Thule makes an adapter that allows their seat to mount onto our deck. No other child seat is endorsed by Surly for use with Surly Cargo bikes or the Surly Dummy Cargo Kit.

**THULE CAUTIONS: Do not carry a child who is too young to sit comfortably and independently in the Yepp Maxi seat. (A pediatrician should be consulted before any child younger than one year is carried.)**

Carrying any passenger or other cargo can significantly influence the way your Surly cargo bikes handles. After loading the bike, practice in a low-traffic area to familiarize yourself with how to turn, stop, and maneuver your bike with the additional load. For the most up-to-date compatibility/options, check [surlybikes.com/safety](http://surlybikes.com/safety).

Rail collar position can improve performance of your Surly cargo bike. Please consider the following:

- Using a stock bike in a non-passenger application or with an approved child seat—both collars in the rear position (A and B, Fig. 2)
- Stock bike with Surly passenger accessories and Surly Dummy Cargo system (deck, rails, and bags)—diagonal orientation is recommended, one collar in the front position (C) and one in the rear position (A) (Fig. 2)
- If using any other passenger accessory combination and/or cargo kit system, four (4) collars (A–D) are required (Fig. 2)

**⚠ WARNING: Failure to follow any of these requirements may lead to instability, resulting in a crash and serious injury.**

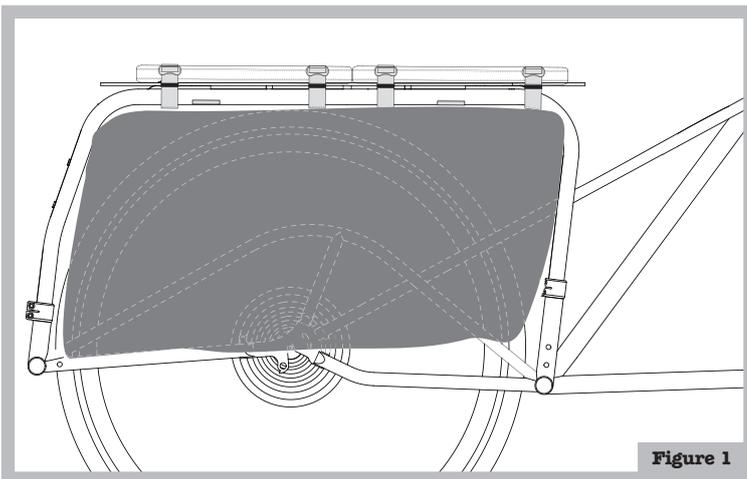


Figure 1

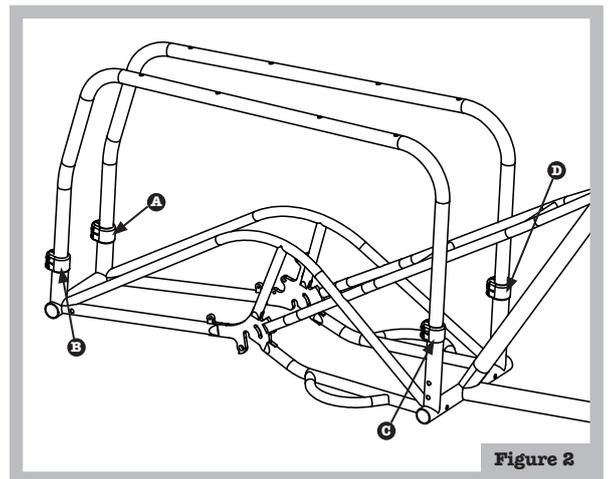


Figure 2

## Included Parts for Kid Corral

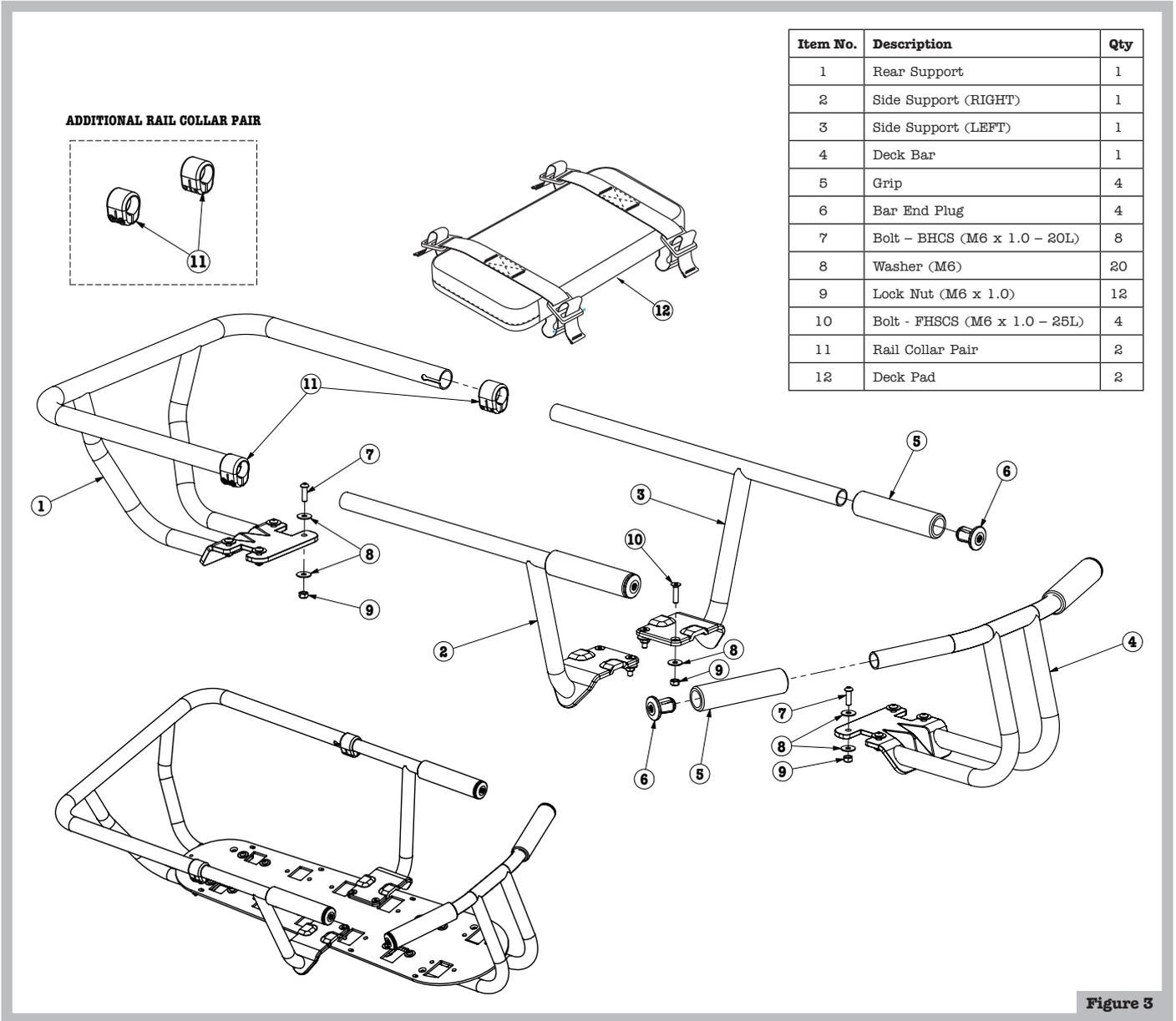


Figure 3

## Included Parts for Deck Bar

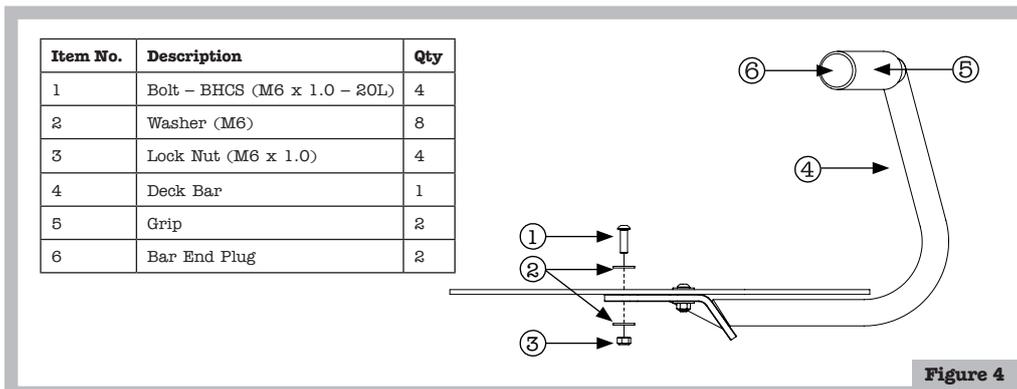


Figure 4

## Installation

### Deck Bar

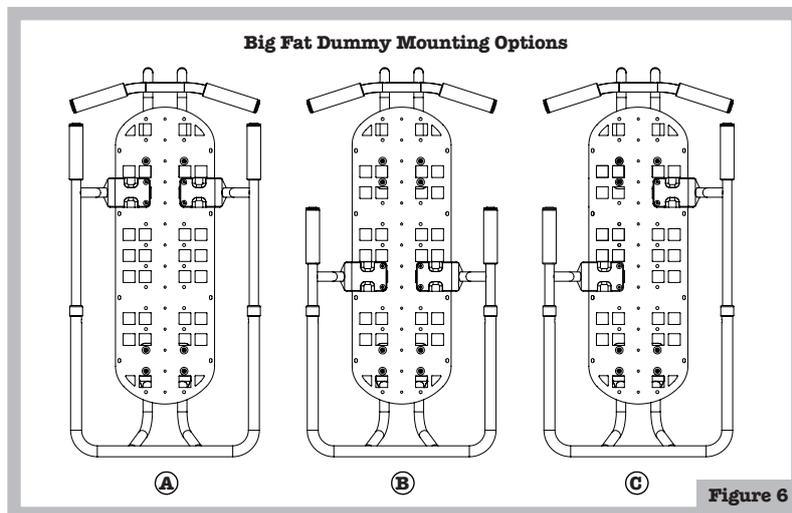
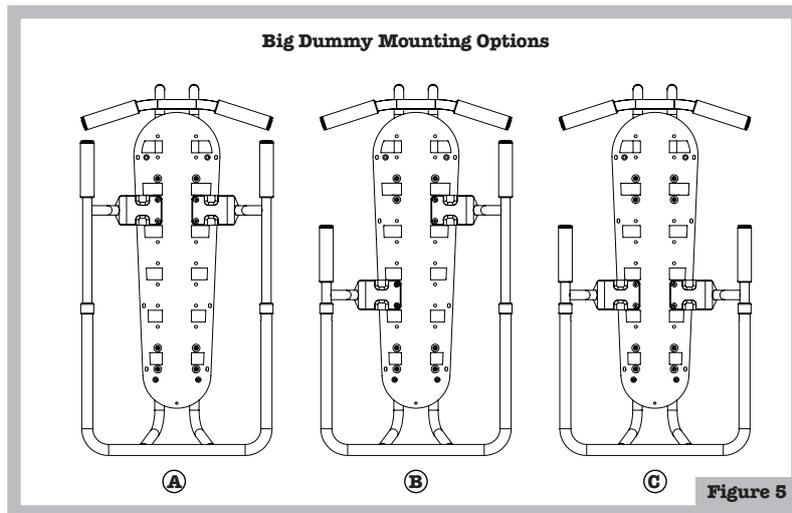
1. Determine which deck you are using and mount the bar with one of the options indicated in the images below.

NOTE: Frame size and geometry may limit the mounting position of your Deck Bar. Maintain at least 6mm of clearance between the Deck Bar and the operator, frame, saddle, or any other accessory mounted in front of the Deck Bar.

2. Align the Deck Bar on the underside of your Dummy Deck with the appropriate holes for the mounting position, loosely assemble hardware (Fig. 4). Do not fully tighten yet.

### Rear Support

1. Align the rear support on the underside of the rear of your Dummy Deck with the appropriate holes for the rear-most position. See Fig. 5 for Big Dummy configurations or Fig. 6 for Big Fat Dummy configurations.
2. Using a 5mm hex key and a 10mm wrench, tighten bolts most of the way, you will fully secure them later.



### Side Supports

1. Side supports can be mounted in several positions on the various Dummy Decks (Figs. 5, 6). We recommend starting in the fully closed position. Once the operator and passenger have become more experienced and comfortable with the system one of the “Open” positions may be used (Fig. 5-A or 6-A).

NOTE: On a Big Dummy-type deck any of the positions available between fully closed (5-A) and fully open (5-C) may be used, on either side. This means there are 5 settings available on each side. On the Big Fat Dummy Deck only, fully closed (6-A) or fully open (6-B) are recommended. This can be configured on either side (Fig. 6-C). Other positions could result in hardware interference on the Big Fat Dummy.

NOTE: For setup on either deck, the positions illustrated in the fully closed position (5-A and 6-A) represent the maximum extension of the Corral side supports. When setting up the Kid Corral the side support must be assembled so that the minimum insertion line is not visible and no gap is visible in the keyhole (Fig. 7).

**⚠ WARNING: Failure to correctly assemble your Kid Corral may result in product failure and serious injury.**



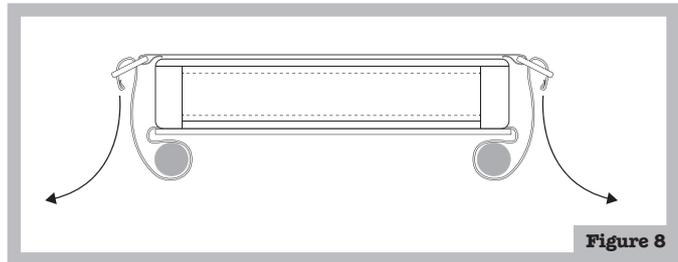
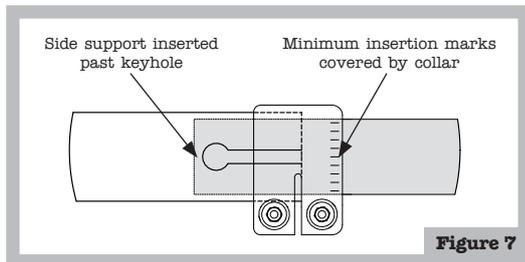
2. Slide the long end of the side supports into the rear portion of the corral.
3. Align the feet of the side support on the topside of your Dummy Deck with the appropriate holes for your desired mounting position (Figs. 5-A through 5-C or Fig. 6-A, 6-B, or 6-C).
4. In the fully closed position, the feet will overlap with the Deck Bar bracket on the underside of the deck. Use two sets of bolts (from the side support feet) to pass through both front feet and the deck bar bracket.
5. Using a 4mm hex key and a 10mm wrench, secure the bolts of the feet to 5 Nm.
6. After feet are secured, tighten the rail collar bolts to 5 Nm.
7. Using a 5mm hex key and a 10mm wrench tighten the Deck Bar bracket and rear support bracket to 5 Nm.

**⚠ WARNING: Improperly installed collars may create a pinch point, causing serious injury to the passenger. Rail Collars must be correctly installed and fully cover the joined area of the telescoping tubing (Fig. 7).**

**NOTE: Make sure that the telescoping side support tube is fully inserted into the rear support bracket as indicated by the keyhole. No gap should be visible (Fig. 7).**

### Deck Pad

1. With the gripped side facing down, place the Deck Pad on top of your Dummy Deck.
2. Thread the webbing straps of the Deck Pad between the Dummy Rails and the Dummy Deck.
3. Thread the end of each strap through the buckle and cinch it tight (Fig. 8).
4. Secure excess strap through the elastic band.



### Ongoing Maintenance

**Deck Pads:** Remove covers and spot clean with warm water and mild soap. Do not use detergent, bleach, or other harsh chemicals. Air dry covers and pads completely before installation.

Periodically check to make sure Deck Bar bolts and grips are properly installed and tight. Re-tighten bolts using a torque wrench if required. Replace grips if handlebar edges are visible.

**⚠ WARNING: Unprotected handlebar ends may cause serious injury. Always use with handlebar plugs and grips in place.**

Always use genuine Surly replacement parts for hardware and accessories.

### Limited Warranty

This Surly product is warranted against defects in materials and workmanship for one year from the date of retail purchase of the product, subject to the limitations detailed below. Save your dated receipt for proof of purchase.

This warranty does NOT cover the following:

- Damage due to improper assembly or follow-up maintenance or lack of skill, competence or experience of the user or assembler
- Products that have been modified, neglected, used in competition or for commercial purposes, misused or abused, involved in accidents or anything other than normal use
- Installation of components, parts or accessories not originally intended for or compatible with Surly product as sold
- Damage or deterioration to the paint, surface finish, aesthetics or appearance of the product
- Normal wear and tear
- Labor required to remove and/or refit and re-adjust the product within the bicycle assembly

This limited warranty is expressly limited to the repair or replacement of a defective product, at the option of Surly, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the Surly product and is not transferable. This warranty applies only to products purchased through an authorized dealer or distributor. In no event shall Surly be liable for any loss, inconvenience or damage, whether direct, incidental, consequential, or otherwise resulting from breach of any express or implied warranty or condition, of merchantability, fitness for a particular purpose, or otherwise with respect to our products except as set forth herein.

This limited warranty gives the consumer specific legal rights, and those rights and other rights may vary from place to place. This limited warranty does not affect your statutory rights.

### Warranty Process

We will happily back up our products if there is a problem that is our fault. If you and your shop think your Surly product is worthy of a warranty inspection, please return the product to the original place of purchase, accompanied by a sales receipt.

TO THE EXTENT NOT PROHIBITED BY LAW, THESE WARRANTIES ARE EXCLUSIVE AND THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS INCLUDING WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.