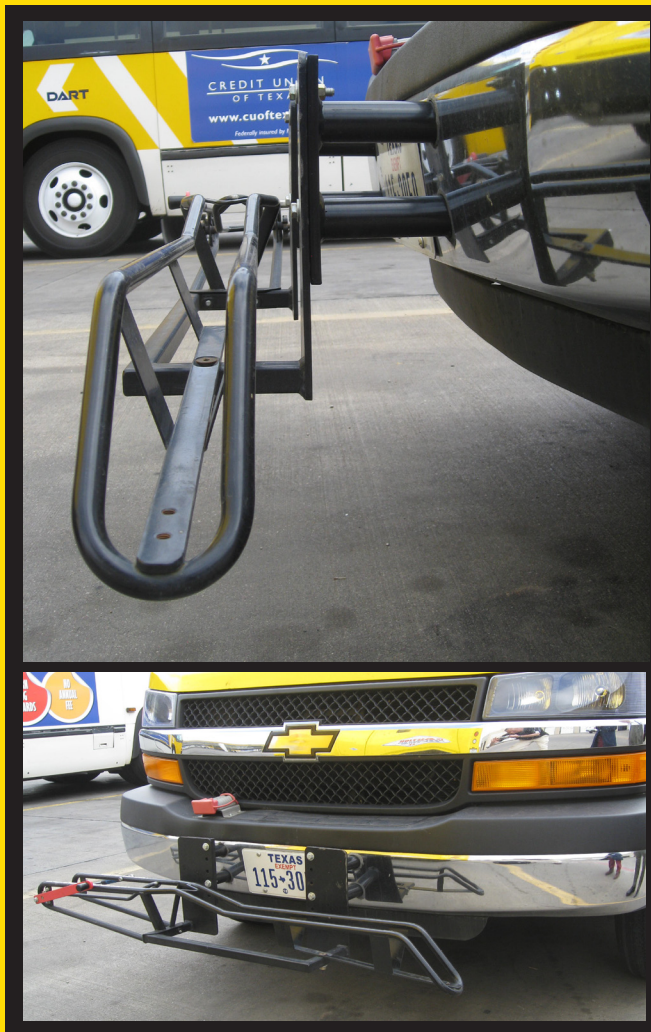


**Introducing**

**the NEW  
one position  
bike rack**

**Byk-Rak**  
**SOLO**



- **Increase Safety,**  
rack is always in a  
locked deployed position
- **Better Visibility**  
for the Driver
- **Tighter Turning**  
Radius
- **Less Headlight**  
**Blockage**
- **Quicker loading**  
and unloading time

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P. O. Box 40 • Owosso, Michigan 48867-0040



# one position bike rack assembly

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<u>Byk-Rak Technical Features and Safety</u>	<u>Benefits and Advantages</u>
<ul style="list-style-type: none"> <li>The Byk-Rak is 7 inches deep by 50 inches wide.</li> </ul>	<ul style="list-style-type: none"> <li>The Byk-Rak is large enough to hold any adult-sized bikes (excluding tandem and recumbent) children's bikes—down to a size of 16" diameter wheels.</li> </ul>
<ul style="list-style-type: none"> <li>The Byk-Rak weighs less than 35 pounds.</li> </ul>	<ul style="list-style-type: none"> <li>The Byk-Rak meets OSHA/NIOSH standards for lifting by a single individual.</li> </ul>
<ul style="list-style-type: none"> <li>All parts of the Byk-Rak are finished with powder coat paint. (Unless specified by customers request i.e. electro polish and/or bead blasted bike racks)</li> </ul>	<ul style="list-style-type: none"> <li>Powder coat painting provides corrosion resistance and will not flake off. It can chip, but that chip will not increase in size. This method of painting is also more environmentally safe than traditional methods.</li> </ul>
<ul style="list-style-type: none"> <li>All moving parts on the Byk-Rak are made of stainless steel. (including the Byk-Rak itself)</li> </ul>	<ul style="list-style-type: none"> <li>Stainless steel is corrosion resistant and will not chip like plated or coated steel.</li> </ul>
<ul style="list-style-type: none"> <li>The Byk-Rak is mounted to the front of the bus.</li> </ul>	<ul style="list-style-type: none"> <li>Front-mounting the carrier increases driver visibility, safety, and security.</li> </ul>
<ul style="list-style-type: none"> <li>The Byk-Rak is always in the deployed position.</li> </ul>	<ul style="list-style-type: none"> <li>Byk-Rak protrudes minimally for increased maneuverability.</li> </ul>
<ul style="list-style-type: none"> <li>The Byk-Rak has rounded outside corners, smooth welds, and few 'pinch' points.</li> </ul>	<ul style="list-style-type: none"> <li>Having these safety features lessen the likelihood of injury to the operator.</li> </ul>
<ul style="list-style-type: none"> <li>Bikes can be loaded and unloaded from the sidewalk-side or front of the Byk-Rak.</li> </ul>	<ul style="list-style-type: none"> <li>Bikes are always loaded and unloaded from the sidewalk-side so the user is not exposed to traffic.</li> </ul>
<ul style="list-style-type: none"> <li>The main rail on the Byk-Rak are removable.</li> </ul>	<ul style="list-style-type: none"> <li>Removable rail allow commonality between Byk-Rak products and modular replacement of damaged parts for ease of repair and a lower cost.</li> </ul>
<ul style="list-style-type: none"> <li>The Byk-Rak is constructed to support over 75 pounds static in the deployed position.</li> </ul>	<ul style="list-style-type: none"> <li>This allows the carrier to easily hold heavy bikes and provides for misuse.</li> </ul>
<ul style="list-style-type: none"> <li>Bikes are secured by the front wheel lock, and supported on the back wheel.</li> </ul>	<ul style="list-style-type: none"> <li>Loading/unloading times are under 10 seconds, so use of the Byk-Rak does not affect scheduling.</li> </ul>
<ul style="list-style-type: none"> <li>The Byk-Rak makes contact only with the tires of the bicycle.</li> </ul>	<ul style="list-style-type: none"> <li>Bike frames or other parts will not be scratched or damaged.</li> </ul>
<ul style="list-style-type: none"> <li>The Byk-Rak accepts bicycles without any orientation of the pedals.</li> </ul>	<ul style="list-style-type: none"> <li>This speeds up loading times because the user need not adjust the pedals to miss any part of the Byk-Rak.</li> </ul>
<ul style="list-style-type: none"> <li>The Byk-Rak has no pins, clips, or straps. The Byk-Rak has minimal use of complex parts.</li> </ul>	<ul style="list-style-type: none"> <li>There are no small parts to break down or lose. This also contributes to fast loading time. A simple construction ensures high reliability and ease of use.</li> </ul>
<ul style="list-style-type: none"> <li>The Bicycle Rack shall be clearly marked with easy to follow instructions for operation.</li> </ul>	<ul style="list-style-type: none"> <li>Educated the user as to the correct orientation of the bike when loading, ensuring the shortest loading and unloading time possible.</li> </ul>
<ul style="list-style-type: none"> <li>The wheel lock folds away when stored</li> </ul>	<ul style="list-style-type: none"> <li>The wheel lock automatically folds into the center of the Byk-Rak damage the front of the bus.</li> </ul>
<ul style="list-style-type: none"> <li>The bumper mounting bracket is adjustable via multiple bolt-holes.</li> </ul>	<ul style="list-style-type: none"> <li>The Byk-Rak's height can be adjusted for different buses or routes. Rack can be moved up or down away from Headlights</li> </ul>
<ul style="list-style-type: none"> <li>Bike Rack will have removable rail that can be replaced with a modular component.</li> </ul>	<ul style="list-style-type: none"> <li>With this design racks that have been damage to the rail component can be replaced without replacing the entire rack.</li> </ul>
<ul style="list-style-type: none"> <li>Headlight Blockage and Turning Radius was main factors in development of our new design One Position Bike Rack.</li> </ul>	<ul style="list-style-type: none"> <li>With the small profile of the one position bike rack the drivers ability to turn and view what is in front of him have greatly been enhanced compared to 2 and 3 position bike racks</li> </ul>