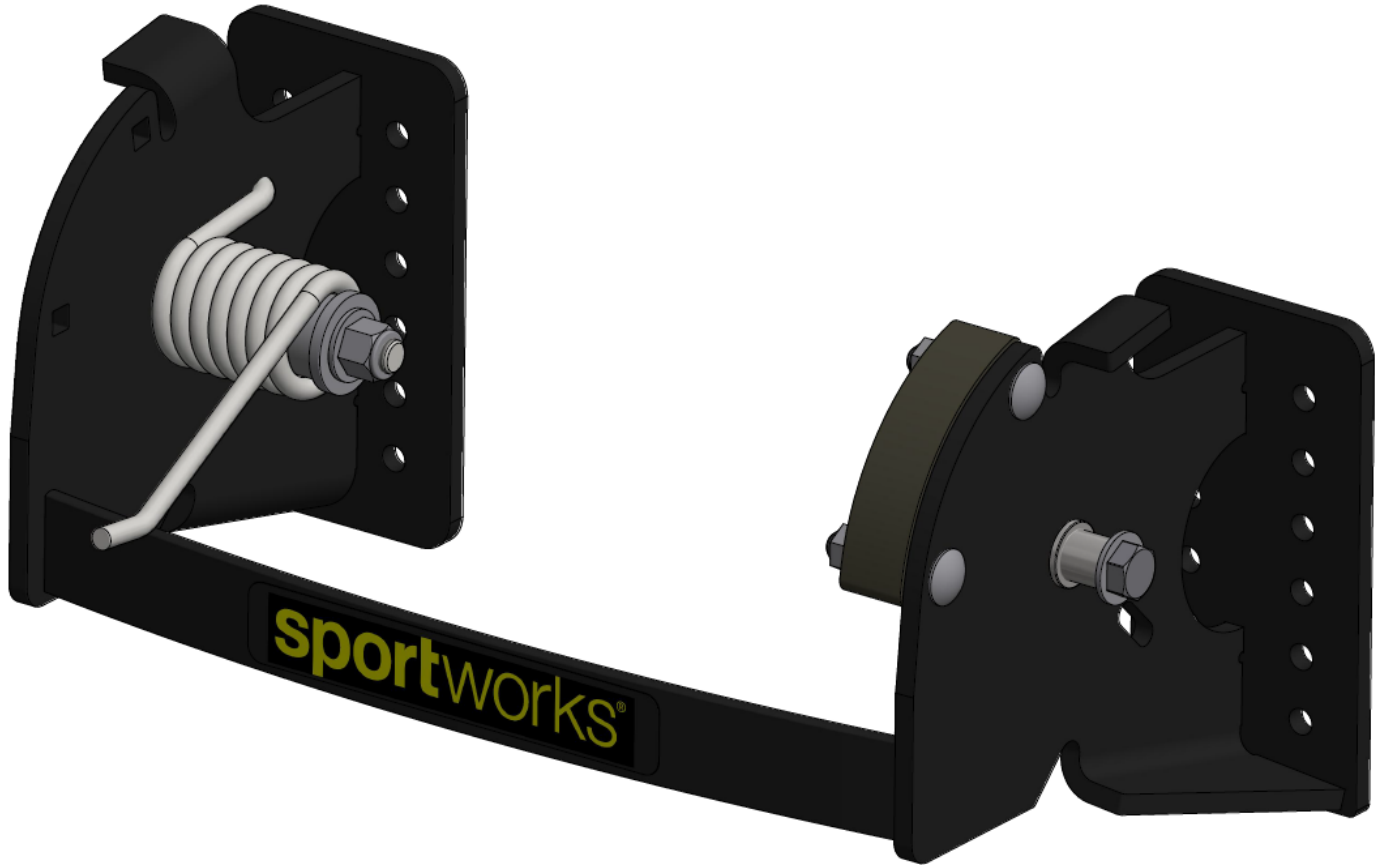


Apex Pivot Plates



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OVERVIEW

The Apex Pivot Plates are designed to fit Apex bicycle racks on a range of bumpers. Like all other Sportworks Pivot Plates, their primary function is mounting the Bike Rack to the front of the coach. This mounting includes the ability to stow and deploy the bike rack.

To complete the installation of this pivot plate, bumper mounting brackets are needed. To select the correct accompanying bracket for your coach, you must first determine which type of bumper is installed onto your coach.

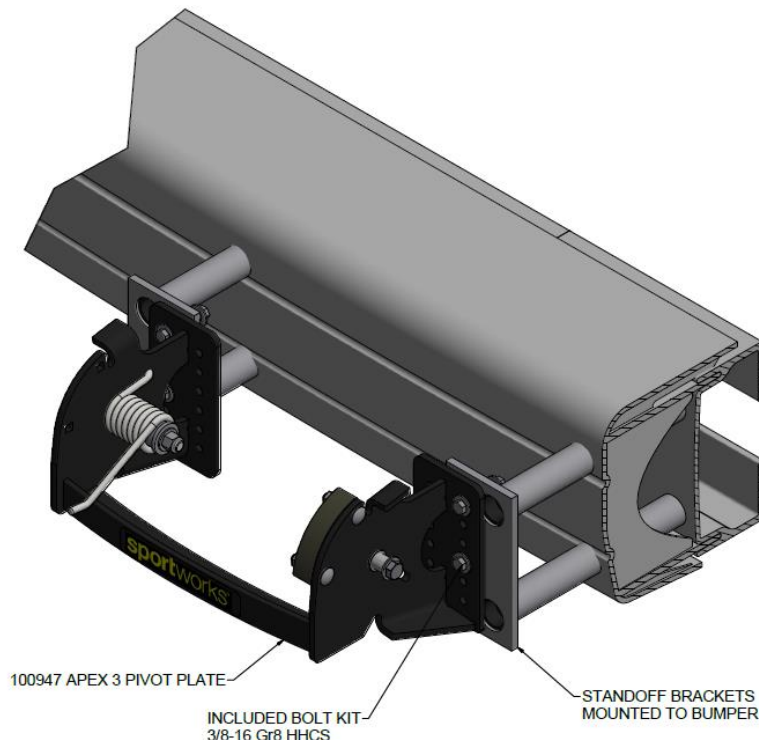
Please contact Sales and Support for more details: 425-483-7000 or salesandsupport@sportworks.com

Installation

When planning the installation of this Pivot Plate, please reference the Operation and Maintenance document for your bike rack for geometry and other considerations.

Standard Install

1. Install bracket per standoffs/brackets per standoff instructions
2. Select desired mounting height and place Pivot Plate onto standoffs/brackets.
3. Insert four HHCS, 3/8-16 x 1.5 with accompanying washers and nuts.
4. Align Pivot Plate and tighten square, torque 30-40 ft-lbs. See figure below for example installation with Standoffs on a Romeo Rim Swept Transit bumper.



Optional Quick Release Pivot Install

Quick release pivot hardware should be tightened by hand as tight as possible.



Maintenance

Sportworks recommends the following quick visual inspection to ensure an operable bike rack. Examine the items below before operating your coach. If the assembly does not function properly, service it before putting it into operation.

- 1) _____√ PIVOT PLATE IS MOUNTED SECURELY
Torque mounting hardware if necessary
- 2) _____√ DEPLOY AND STOW STOPS FUNCTION
Replace worn or broken parts as needed
- 3) _____√ BIKE RACK PIVOT BOLTS ARE SECURE
Replace or torque as needed

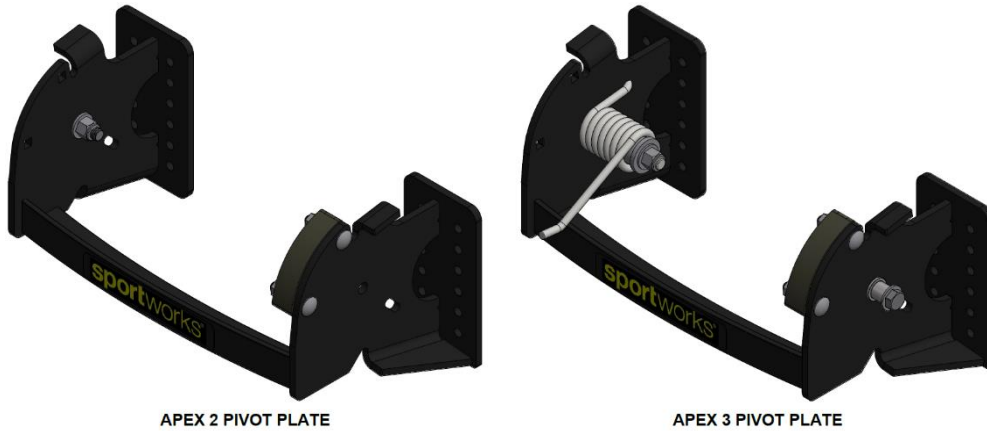
MODEL DIFFERENCES

Bumper Type

The Apex Pivot Plates are designed to fit a wide variety of bumpers. Specific bumpers may require different mounting options which are accommodated in different standoff/bracket designs. Please contact Customer Service for more details: 425-483-7000 or salesandsupport@sportworks.com

Apex 2 vs Apex 3

Pivot Plates intended for use with the Apex 2 bike rack differ slightly from those intended for use with the Apex 3 bike rack. The pivot bolt stack on Apex 3 Pivot Plate includes a torsion spring and additional lift-assist hardware for reducing the force necessary to stow the Apex 3 bike rack. The Apex 2 pivot bolt stack does not include the torsion spring and uses a shorter set of hardware. Kits are available for subtracting or adding torsion spring hardware if needed for your use. See the Parts List for a list of part numbers available for installing your rack.



Options

The Apex Pivot Plate is available with the following options:

- Deployment Kit (-DPLY) – this kit allows sensing of whether the rack is stowed or deployed and includes hardware to install a dashboard indicator light. Note that the Apex bike rack needs to be specified to have the -DPLY option to complete the deployment sensor system.
- Quick Release Pivot Bolt Kit (-QR) – this kit replaces the standard ½-13 pivot bolts with star knobs and large handle nuts for tool-less pivot bolt installation.