

Standard Ten Second Brackets



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OVERVIEW

The Ten Second Bracket (TSB) was developed to fit Romeo Rim HELP Bumpers. To select the correct Ten Second Bracket for your Coach you must first determine which type of Romeo Rim HELP Bumper will be installed onto your coach. For new builds the Ten Second Bracket compatible Romeo Rim Bumper must be specified. Field installation of the Ten Second Bracket is possible with the use of the 100801 Slide-In Installation Tool or the 100802 Swept Installation Tool.

The Ten Second Bracket, like all other Sportworks Pivot Plates, has the primary function of mounting the Bike Rack to the front of the coach. However, the Ten Second Bracket is easily and quickly removed from the coach bumper without the need for tools. This mounting includes the ability to stow and deploy the bike rack. The latching in the stowed and deployed position is the same as other pivot plates.

Installation

1. Insert TSB Latch Bars into Bumper Slots with the front of the TSB rotated up about five degrees. Engage the slots with the pre-machined windows in the bumper back structure and slide downward.
2. Rotate the front of the TSB down until standoff tubes contact the bumper back structure, engage and hand tighten Star Bolts. Insert Hair Pins to secure Star Bolts. See figure below.

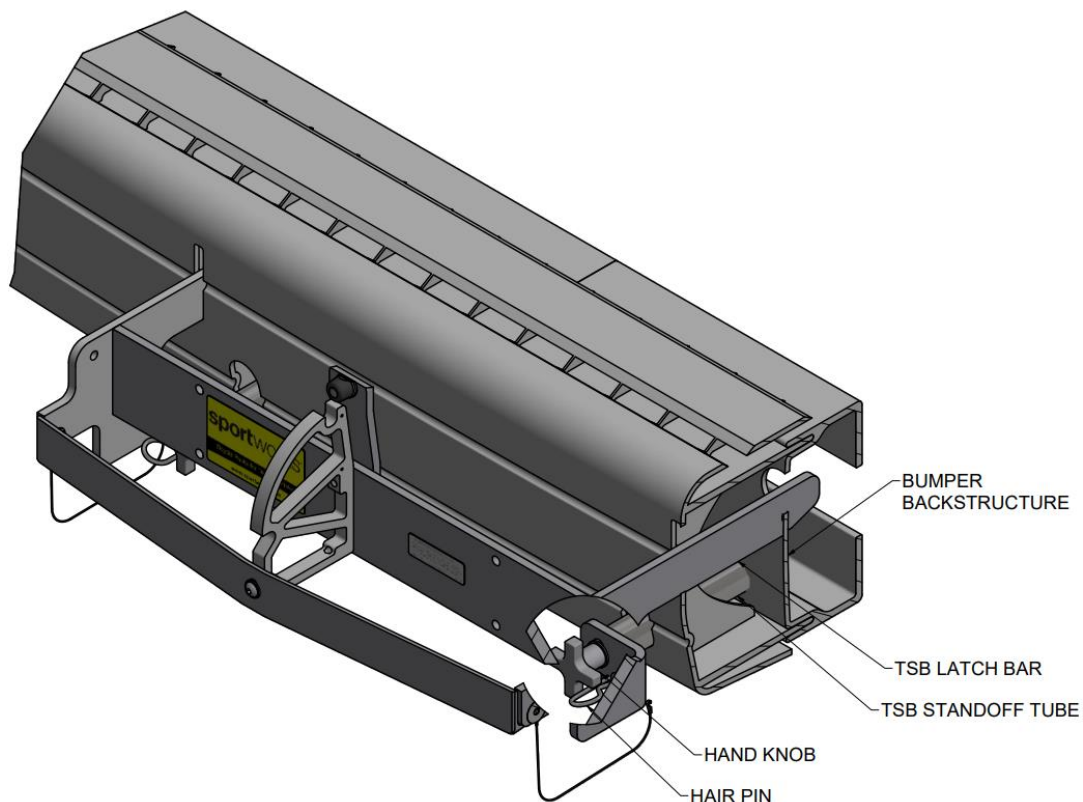
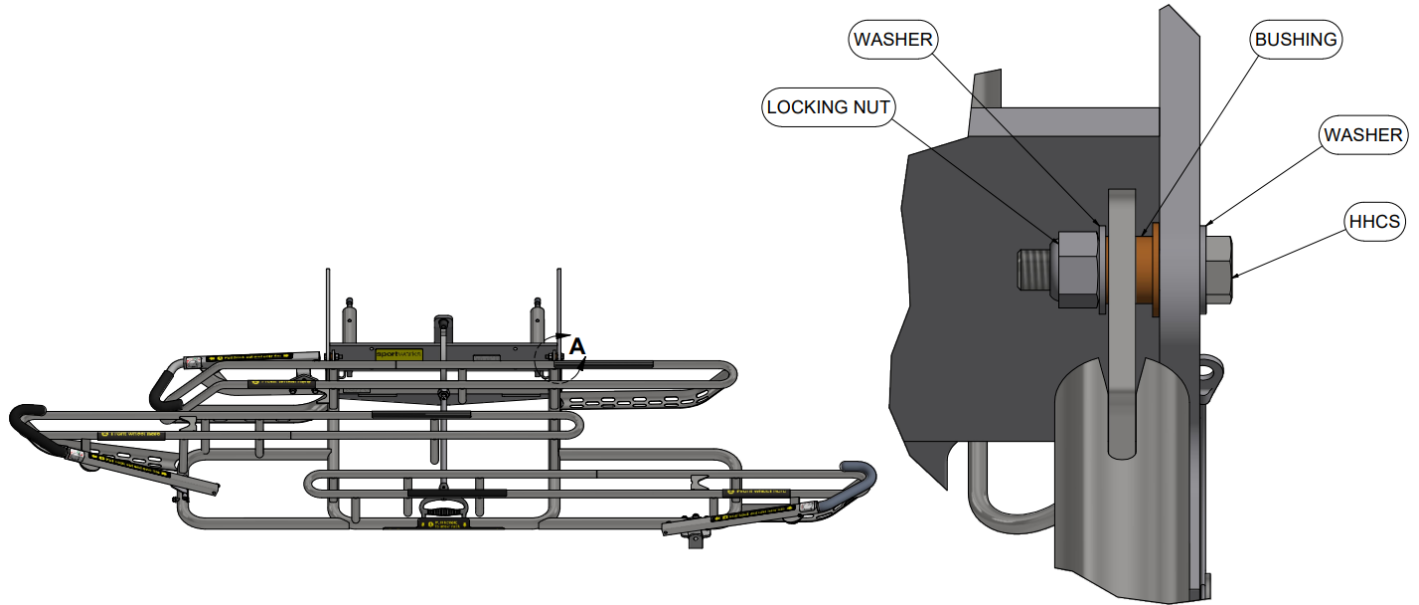


Figure 1 - Standard TSB installed on Romeo Rim bumper. Parts of TSB are removed to show hand knob and hair pin.

Pivot Hardware Installation

For Standard TSBs and bike racks (DL2, DL3 (Trilogy), Veloporter 2 & 3) the pivot hardware is included with the bike rack as opposed to with the Pivot Plate/TSB. Please see the diagram below as an example of correct pivot bolt stack installation.



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) _____√ TEN SECOND BRACKET IS MOUNTED SECURELY
Verify that Star Bolts are snug and hairpin clips are in place
- 2) _____√ DEPLOY AND STOW STOPS FUNCTION
Replace work or broken parts as needed
- 3) _____√ BIKE RACK PIVOT BOLTS

MODEL DIFFERENCES

Bumper Type

Specific Ten Second Brackets are available to fit the different Romeo Rim bumpers. Contact Sportworks Sales and Support for information on the TSB that will fit your bumper.

NP Tabs vs No NP Tabs

Standard Ten Second Brackets are intended for use with our standard bike racks including DL2, DL3 (Trilogy), and Veloporter bike racks. For use with Narrow Profile DL2 racks (NP DL2), a TSB with NP tabs is needed. All standard width racks are compatible with TSBs that include NP tabs. See the images below for a visual representation of TSBs with and without NP tabs.

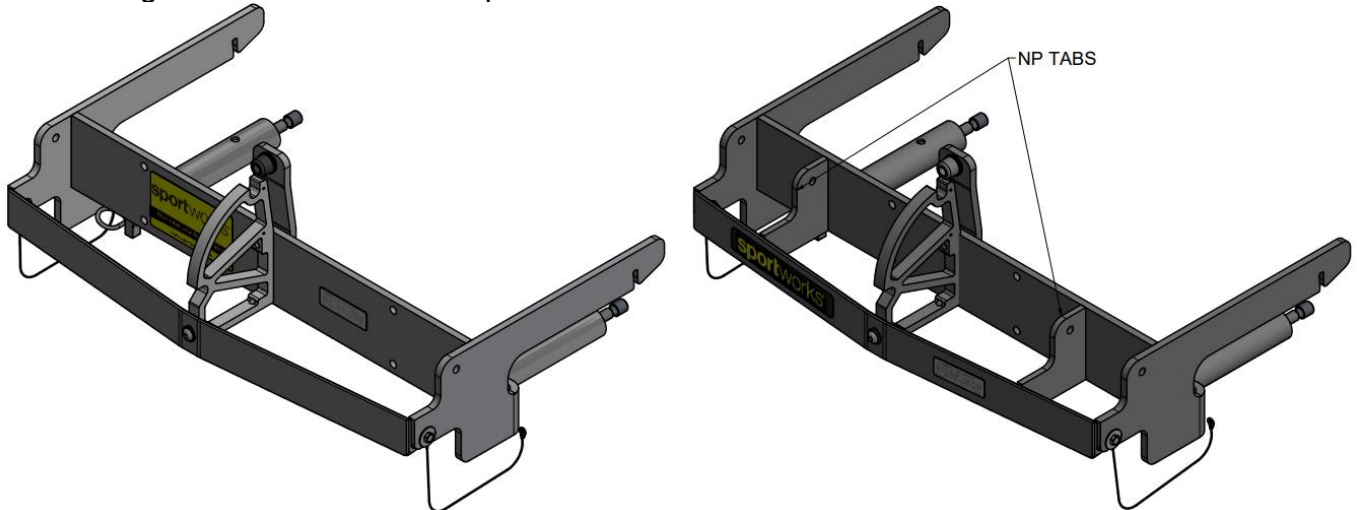


Figure 2 - 100637 (left) does not have NP Tabs. 100641 (right) has NP Tabs.

Options

The Ten Second Bracket also includes options for the Deployment Kit/Bike Counter Kit. See the Standard TSB Parts and Options document for a list of options available and accompanying parts lists.

DOCUMENT REVISION HISTORY

12/30/2020 – Initial release