



# 5<sup>TH</sup> WHEEL STABILIZER

INSTALLATION & MANUAL



SP54-180



Above. Beyond. Always.



# X-BRACE 5<sup>TH</sup> WHEEL STABILIZER

## INTRODUCTION

A collaboration with Winfield RV Products, the X-Brace 5th Wheel Stabilizer system is designed to provide enhanced lateral support to stabilize units when parked.

## PARTS LISTING

Item	Qty	Description
1	2	Spacer Plates
2	1	Warning Strap
3	4	1/4"-20 x 1.25 Bolts
4	4	1/4-20 Bolts
5	2	3/8" x 3" Bolts
6	2	3/8" Lock Nuts
7	2	U-Bolts
8	2	Lower Z-Brackets
9	2	Upper Mounting Brackets

### Tools Required:

- Torque Wrench
- 7/16" Socket
- 7/16" Wrench
- 9/16" Wrench
- 9/16" Socket

## PREPARATION

### General Safety & Warnings:

**⚠ WARNING** Read and understand all instructions and warnings prior to installation.

**⚠ WARNING** You are personally responsible for following safe installation procedures and completing appropriate safety checks.

**⚠ WARNING** Be sure the unit is leveled properly before proceeding.



# X-BRACE 5<sup>TH</sup> WHEEL STABILIZER

## INSTALLATION

### STEP 1

Extend the landing legs to the ground.

### STEP 2

Remove the Upper Mounting Brackets and Lower Z-Brackets from the X-Brace Stabilizer by removing the spring clip pins.

### STEP 3A

Install the upper bracket on the rigid square tube on the driver side right landing leg (the side opposite of the 5th wheel entry door) as close as possible to the undercarriage. Use the U-Bolt to hold it in place.



### STEP 3B

If the landing gear has less than 2" of square rigid tubing, then install the upper bracket below the rigid square tube on the landing leg directly above the snap pin using the U-Bolt spacers.



### STEP 4

Thread the (2) lock nuts onto each side of the bracket and tighten them to 10 ft-lbs using a torque wrench. Tighten the nuts evenly to ensure the upper bracket is flat against the square tube. Do not overtighten.

### STEP 5

Remove the pin or bolt that holds the lower foot onto the landing leg.



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SP54-180 | 3

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# X-BRACE 5TH WHEEL STABILIZER

## INSTALLATION

### STEP 6

Use the 3" bolt and lock nut to install the lower bracket to the inside of the landing leg. If the upper mounting tabs are towards the back of the RV, the lower z-bracket tabs should be towards the front. Vice versa on the other side. Tighten it 10 ft-lbs using a torque wrench. Do not overtighten.



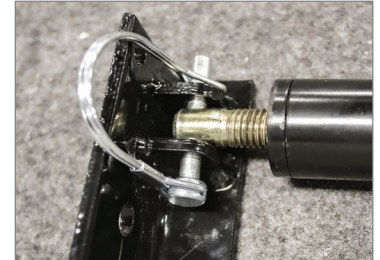
**NOTE:** The lower bracket bolt should go into the same hole that holds the landing leg foot. If this is not possible, then bolt it onto the first available hole above the foot.

### STEP 7

Repeat Steps 2 through 6 to install the upper and lower brackets to the left landing leg.

### STEP 8

Before installing the cross braces, ensure there is 1" of thread showing on each end of the X-Brace.



### STEP 9

Use the spring clips or the 1/2 x 1/4" bolt and lock nuts to install the cross braces.

**NOTE:** It is recommended to use the spring clips for easy removal and servicing of the cross braces twice per year.



### STEP 10

Clean the desired location where the warning flag Velcro patch will be installed.

### STEP 11

Remove the backing from the adhesive on the loop side of the Velcro and firmly press it onto the side of the 5th wheel in the desired location.

### STEP 12

With the X-Brace Stabilizer installed, it can be deployed when a 5th wheel is parked for enhanced lateral support that stabilizes the unit.



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# X-BRACE 5<sup>TH</sup> WHEEL STABILIZER

## OPERATING INSTRUCTIONS

### TO ENGAGE

**STEP 1** After the 5th wheel is parked and leveled properly, remove the (2) cross brace locking pins from the loops on the blue warning flag. Attach the blue warning flag to the Velcro patch above the landing leg power switches, allowing the flag to hang over them.

**STEP 2** Twist each cross brace until approximately 1" of thread is showing at the end of each brace.

**STEP 3** Holding the inner end of a cross brace stabilizer tube, twist the outer end until the hole in the outer tube aligns with any hole that isn't at the crossing point in the inner tube. Be sure to align the hole away from the crossing point of the stabilizers because the pin will interfere with the operation.

**NOTE:** To assist with hole alignment, there is a line painted on the inner tube to mark the location of the holes. This line is visible through the hole in the outer tube.

**STEP 4** Insert the cross brace locking pins into the aligned cross brace holes.

**STEP 5** To tension the back cross brace, rotate the top of the cross brace toward you until you feel it begin to tension. Continue to rotate the brace  $\frac{1}{2}$  to  $\frac{3}{4}$  of a turn. Hand tighten only to prevent overtightening with tools.

**STEP 6** To tension the front cross brace, rotate the top of the cross brace away from you until you feel it begin to tension. Continue to rotate the brace  $\frac{1}{2}$  to  $\frac{3}{4}$  of a turn. Hand tighten only to prevent overtightening with tools.

**NOTE:** Reverse the rotation direction of the tubes in steps 5 and 6 for the following situations:

- 1) If you see holes on the inner tube of the braces exposed beyond the end of the outer tube when your landing legs are down and the coach is level. This will cause the braces to tension by pulling rather than pushing. This method will eliminate brace flex on 5th wheels with wide landing legs.
- 2) If the upper bracket was installed upside down in Step 3 of the X-Brace 5th Wheel Stabilizer Installation Instructions.



# X-BRACE 5<sup>TH</sup> WHEEL STABILIZER

## OPERATING INSTRUCTIONS

### TO DISENGAGE

**STEP 1** Rotate the cross braces to loosen them.

**STEP 2** Remove the cross brace stabilizer locking pins from both cross braces and clip them through the two loops on the red warning flag located over the landing gear power switch.

**⚠ WARNING** Failure to remove both cross brace stabilizer locking pins prior to extending or retracting the landing legs will void the product warranty.

**STEP 3** Remove the blue warning flag with the pins and store them in a desirable location. The landing gear is now ready to be retracted. The cross braces will ride up and travel with the landing legs.

Questions? Contact the Parts Department at 574-293-1581 or email [parts@morryde.com](mailto:parts@morryde.com).

SP54-180 | 6



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SP54-180 | VERSION 2



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