

# INSTALLATION MANUAL

52205

## Level of Difficulty

Easy

Installation difficulty levels are based on time and effort involved and may vary depending on the installer level of expertise, condition of the vehicle and proper tools and equipment.

## Parts List

Item	Qty	Description
1	1	Breakaway Wireless Adapter (BWA)
2	3	Wire ties
3	2	Mounting screws

## Product Photo



### ⚠ WARNING

Never exceed the vehicle manufacturer's recommended towing capacity.

### ⚠ CAUTION

RVibrake Breakaway System is required by law to bring your towed vehicle to a stop in the event that the towed vehicle becomes completely un-attached from your motor home.

Do not operate your RVibrake without a properly functioning Breakaway.

Failure to connect the BWA according to the instructions may result in damage to your charge circuit or other electronics, in which CURT is not responsible.

### NOTICE

Visit [www.curtmfg.com](http://www.curtmfg.com) for a full-color copy of this instruction manual, as well as helpful videos, guides and much more!

Before you begin installation, read all instructions thoroughly. We recommend watching our videos at [rvivideo.com](http://rvivideo.com).

Please contact our customer service at (800) 815-2159 if you have any questions regarding the installation of the BWA.

Proper tools will improve the quality of installation and reduce the time required.

This installation requires:

- Drilling and hole enlargement

## SAFETY INSTRUCTIONS

Safety glasses should be worn at all times while installing this product.

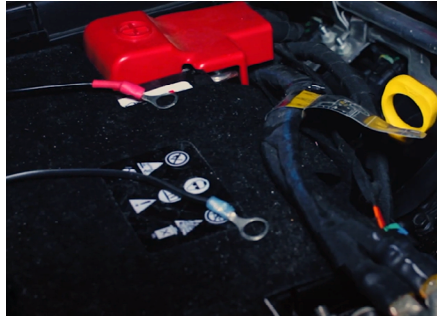
## Product Registration and Warranty

CURT stands behind our products with industry-leading warranties. To get copies of the product warranties, register your purchase or provide feedback, visit: [warranty.curtgroup.com/surveys](http://warranty.curtgroup.com/surveys)

# INSTALLATION

## Step 1

Find a location near the towed vehicle's battery to mount the BWA. This location should allow you to easily route the duplex wire to the vehicle battery terminals. Use provided wire ties or screws to mount the BWA in place. You can mount the BWA along the inner fender with the screws or on a wire loom with the wire ties.



## Step 2

In your towed vehicle, remove the nut on the positive battery terminal, place the RED ring terminal over the bolt, and then re-tighten the nut back onto the bolt. Remove the nut on the negative battery terminal, place the BLUE ring terminal over the bolt, and re-tighten the nut back on to the bolt.



### NOTICE

If the RVbrake3 is not powered and paired/connected to the BWA for an hour or more, the LED will stop flashing.

## Towed Battery LED States

<b>Flashing Blue:</b> Above 12 volts	<b>Flashing Yellow:</b> Between 11-12 volts	<b>Flashing Red:</b> Below 11 volts
--	--	<b>Solid Red:</b> Error

### ⚠ WARNING

If you have to disconnect the towed vehicle's battery for towing, then it is recommended to use a Towed Battery Disconnect.

## Breakaway LED States

<b>Green:</b> Breakaway is plugged in, connected to RVbrake3, and working with good signal strength.	<b>Yellow:</b> Breakaway is plugged in, connected to RVbrake3, and working with low signal strength.	<b>Flashing Red:</b> Breakaway is plugged in and a Breakaway is detected.
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## Step 3

If the RVbrake4 or RVbrake3 breakaway system has not been installed in the towed vehicle, do so now. (See Breakaway System Installation Guide for steps) Once installed, plug the male plug of the Breakaway System into the port indicated on the BWA.



# PAIRING STEPS

## COMMAND CENTER

### NOTICE

BWA does not come paired with Command Center tablet and hub or RVibrake3. The following steps will walk you through the one time pairing process.

The following steps are for pairing to the Command Center tablet and hub. If you do not have the Command Center system, you can skip these steps.

BWA is not compatible with RVibrake3 firmware lower than version 65. For help contact RVi Support 800-815-2159.

### Step 1

Power on the Command Center tablet and hub. To power the tablet, press and hold the power button for 3 seconds. To power the hub connect it to the provided USB charger or press the power button.

### NOTICE

See the Command Center UserGuide for more info.



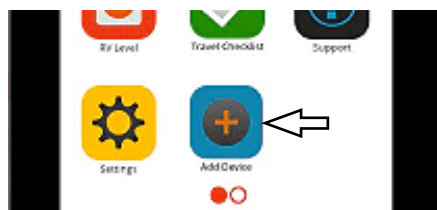
### Step 2

Make sure the LED on the BWA is flashing blue. If it's not flashing rapidly, then the BWA is asleep to save power. Start and shut off the engine of the towed vehicle or pull the fuse out of the BWA and re-insert to wake it up.



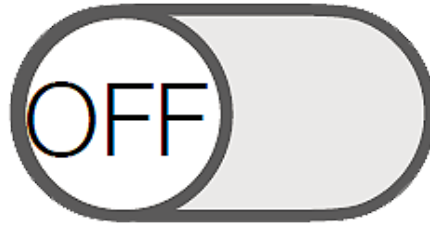
### Step 3

On the tablet, click Add Device from the tablet Dashboard.



#### Step 4

On the new screen, enable BWA by tapping the On/Off slider to ON. At this time, the tablet will walk you through pairing.



#### Step 5

Plug in RVibrake3 to power and run through the Auto-Position process. You'll know it's ready for the next step when you hear "Plug in Breakaway Cable".

#### Step 6

You will be asked to pair to BWA by placing your powered Command Center hub on or near the BWA. Once the BWA is found by the hub, you'll be asked to enter the BWA's serial number (S/N).

#### NOTICE

Tablet software 1.7.7 and older will ask you to pair with QR code. We recommend updating to 1.8.0 or newer.

## BULLSEYE WIRELESS MONITOR

#### NOTICE

BWA does not come paired with Bullseye Wireless Monitor. The following steps will walk you through the one-time pairing process.

Pairing is not required for BWA to perform.

BWA is not compatible with RVibrake3 firmware lower than version 65. For help contact Customer Support.

#### Step 1

Power on the Bullseye Wireless Monitor by connecting it to the provided USB charger.

#### NOTICE

See the Bullseye User Guide for more info.



## Step 2

Make sure the LED on the BWA is flashing blue. If it's not flashing rapidly, then the BWA is asleep to save power. Start and shut off the engine of the towed vehicle or pull the fuse out of the BWA and re-insert to wake it up.

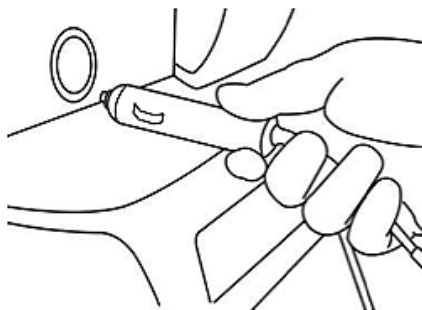


## Step 3

To pair BWA to the Bullseye, leave the breakaway cable unplugged from BWA. Once paired it can be plugged in.

## Step 4

Plug in RVibrake4 or RVibrake3 to power and run through the Auto-Position process. It's ready for the next step when "Plug in Breakaway Cable" is heard.



## Step 5

On the Bullseye, tap the serial number that matches the number on the side of the BWA.



## Compliance Statements

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

# MANUAL PAIRING STEPS

## NOTICE

Follow these steps only if there is something wrong with the Bullseye monitor or tablet.

### Step 1

Make sure BWA's blue LED is on and flashing.

### Step 2

Plug Breakaway male plug into BWA.

### Step 3

Hold down Auto Position button on RVibrake3 and plug it into power.

### Step 4

Once the Audio Prompt says, "Breakaway Pairing Mode," release the button.

### Step 5

Unplug Breakaway male plug from the BWA.

### Step 6

Re-insert the male plug into the BWA.

# TROUBLESHOOTING

## When I pull my Breakaway pin, nothing happens on RVibrake3.

When the Breakaway System is plugged into the BWA and the BWA is paired with RVibrake3, there will be a solid LED on the breakaway side of the BWA. If not, ensure that the Breakaway System's wiring has not been compromised.

## I'm trying to pair to my RVibrake3, but the tablet or hub isn't working.

Manually pair the BWA to the RVibrake3.

- 1) Make sure BWA's blue LED is on and flashing.
- 2) Plug Breakaway male plug into BWA.
- 3) Hold down Auto Position button on RVibrake3 and plug it into power.
- 4) Once the Audio Prompt says, "Breakaway Pairing Mode," release the button.
- 5) Unplug the Breakaway male plug from the BWA.
- 6) Re-insert the male plug into the BWA.