

INSTALLATION MANUAL FOR

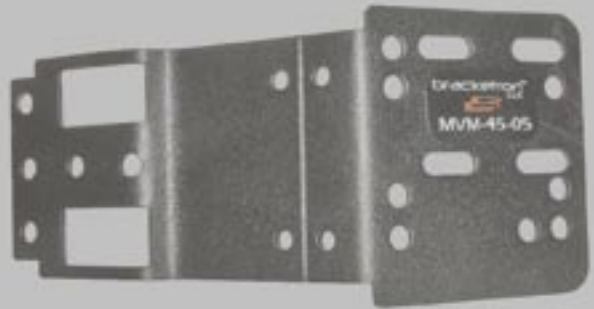
SUBARU - LEGACY - 2005-2009
SUBARU - OUTBACK WAGON- 2005-2009
SUBARU - OUTBACK SEDAN- 2005-2009

Mount Location: To the Right of the Radio

MVM Multi Vehicle Mount

MVM-45-05

Includes PHS-203 Ultra Slim Swivel



Thank you for purchasing your new Bracketron **MVM** Multi Vehicle Mount.

The Multi Vehicle Mount is an (end user-installer) modifiable professional mounting bracket for most all mobile electronics requiring a steady and secure installation in a motor vehicle. The MVM installs behind your vehicles dash panel using existing or non-visible holes and is designed to cleanly protrude out from your vehicle's dash panel.

Before installing, you must take the time to read and understand this installation manual and read all the warnings accompanying this product.

Instructions Include: tools needed for install, directions for dash panel removal, directions for modifying the MVM if required.

You can download this manual and any updates from
<http://www.bracketron.com/downloads>

IMPORTANT INFORMATION

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Please read instructions completely before installing this Bracketron MVM Mount. All instructions are written from the drivers seat vantage point looking forward at the vehicles dash. We advise caution whenever you are removing or handling plastic parts of a vehicles dash. **WARNING:** Unnecessary force or pressure can cause pieces to crack or break.

PARTS INCLUDED: MVM-45-05 Mount, 3 - #8x3/4" Self Tapping Screws, 2 - M4x8 Phillips Pan Head Screws, 2 - M4 Nylon Stop Nuts, PHS-203 Ultra Slim Swivel and Mounting Hardware.

TOOLS NEEDED FOR DASH PANEL DISASSEMBLY

Dash Trim Tool (Part #SIT-104)
2 Phillips Screwdriver
Fiskars 8511 Craft Hand Drill (recommended)
5/64" Drill Bit
9/32" Open End Wrench (for swivel)
Marking Pen

TOOLS NEEDED FOR MVM MODIFICATION (if required)

4 inch Mounted Bench Vise
12 oz. Ball Pein Hammer
Standard Tin Snips
Standard Hacksaw
Small File

Note: The hole pattern on the face of the MVM maybe different then what is shown in the pictures.

DASH DISASSEMBLY INSTRUCTION



- 1 Begin by removing the trim ring that surrounds the gear shifter. Insert the Dash Trim Tool underneath one of the corners and pry upward to release the first clip. Grasp the ring with your fingers and carefully release the remaining clips. Set the ring aside.

Apply the emergency brake. Turn the ignition to the **(on)** position and set the gear shifter into neutral. Remove the bezel that surrounds the gear shifter by inserting the Dash Trim Tool in the back left corner. Pull upward to release the back left clip. Do the same on the back right side. Once the back clips are loose, tilt the bezel up from the back releasing two more clips. Continue forward until the bezel with ashtray is loose. Disconnect the wiring and set the bezel aside.

- 2



- 3 Locate and remove one Phillips screw that holds the right trim strip bezel in place toward the back of the gear shift area. Set the screw aside. Grasp this trim strip and pull upward to release three clips going all the way up to the air vent. **Note:** You can use the Dash Trim Tool to assist releasing the clips. Set trim strip aside.

- 4 Skip to **Step 6** on the following page if you have not yet formed the bracket to fit your vehicle.

Locate and remove one Phillips screw to the right of the radio and climate control. Place the smaller part of the **Multi Vehicle Mount** over this screw hole, insert the factory screw and tighten the mount in place using the access hole on the face of the mount. **Please Note:** When replacing the right trim strip, use the protective cloth in between the Custom Bezel Mount and the trim strip to make sure the trim strip doesn't get scratched.

- 5



Carefully reinstall the dash in reverse order securing all screws and clips to the bezel. Attach the face of the mount to the section that is protruding out from the dash. Align the holes and attach the two pieces with the provided M4x8 Phillips Pan Head Screws and M4 Nylon Locking Nuts. Use the #2 Screwdriver and 9/32" open end wrench to tighten.

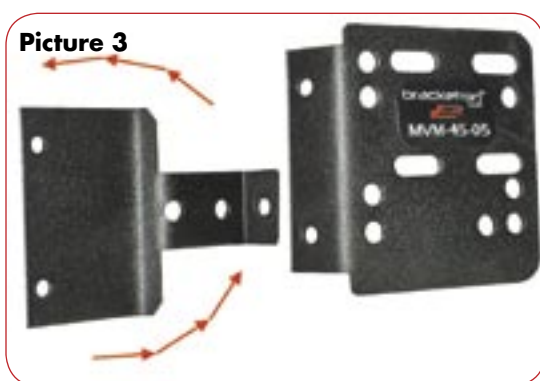
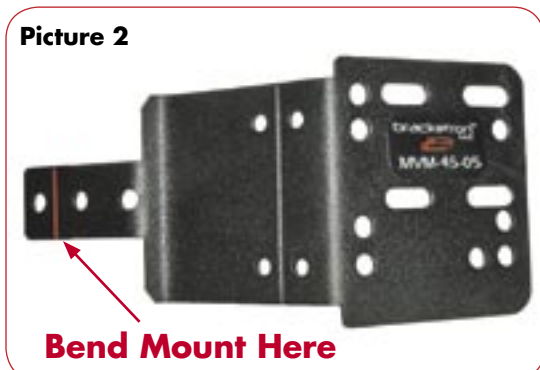
Install the included Ultra Slim Swivel #PHS-203 to your Multi Vehicle Mount or any other AMPs compatible device.

Your installation is complete

MVM MODIFICATION INSTRUCTIONS

PLEASE NOTE

The Bracketron MVM-45-05 mount is a modifiable mounting bracket. The illustrations on the left show how this mount should look during and after the modification steps in order to fit the listed vehicles on the front page of this manual. *Many vehicle applications may not require any modifications to the mount. If this is the case it will be noted below and there will be no steps to follow on this page.*



- 5** Begin modification by cutting along all of the solid red lines as depicted in Picture #1 to the left. Upon completion of all depicted cuts, you should come out with two pieces as shown in picture #2 to the left. Use a 12 oz. Ball Pein Hammer to hammer out any imperfections or dents that may have occurred during the cutting process. Also use a small file to smooth down any sharp edges or corners.
- 6**
- 7** When you have two separate pieces, take the smaller piece (left side in Picture #2 to the left) and rotate it so that the lip is facing the opposite direction. See Picture #3 to the left. This completes your modification for the MVM-45-05.
- 4** Now go back to **step 3** on the previous page to finish installation.

Note: There are no modifications required to the MVM mount for this application.

Note: The hole pattern on the face of the MVM maybe different then what is shown in the pictures.

Note: Please see page 3 in this manual for PHS-203 Ultra Slim Swivel Instructions.

PHS-203 ULTRA SLIM SWIVEL INSTRUCTIONS

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE INSTALLING THIS BRACKETRON MOBILE SOLUTION.

This Professional Swivel Mount Solution is designed to be mounted to your MVM or any other 4 hole AMPs compatible mounting device. The Ultra Slim Swivel is compact with a low profile and is designed to provide adjustability to devices such as Satellite Radio Receivers, GPS monitors or Mobile Phones. The Ultra Slim Swivel angles your device for better viewing, tilting approx 15° in all directions and swivels 360° degrees for maximum adjustability. All mounting hardware is included in the kit along with our AMPs adapter plate to attach devices that support T- Notch mounting.

PARTS INCLUDED

- 1 - Ultra Slim Swivel
- 1 - AMPs Adapter Plate
- 4 - M4 x 10 Hex Head Screws
- 4 - M4 x 10 Pan Head Screws
- 4 - M4 x 12 Pan Head Screws
- 4 - M4 Hex Head Nuts
- 4 - M4 Nylon Locking Nuts
- 4 - M4 Star Washers

- 1** **Note: The swivel can be installed before or after the mount is installed in the vehicle.** Attach the Ultra Slim Swivel to any MVM or CBM Mount or other AMPs mounting device by inserting the M4x10 Pan Head screws through the holes on the back half of the swivel. Align the screws up with the holes on the mount. Attach the M4 Nylon Locking Nuts only finger tight. Rotate the front half of the swivel to gain access to the M4x10 Pan Head screws. (See Picture 1&2) Tighten all 4 screws with a #2 Phillips screwdriver and 9/32" open end wrench.

Picture 1



Picture 2



Picture 3



- 2** Tighten the center screw to adjust the desired tension of the swivel. (See Picture 3) **Note:** If Swivel becomes loose over time, you can grasp the swivel and pull toward you lightly while rotating it clockwise. This will tighten the swivel allowing you to create the desired tension needed.

For T- Notch Devices

Attach the AMPs T- Notch Adapter to the front half of the swivel using the M4x12 Pan Head screws. Attach the M4 Star Washers and M4 Hex Nuts to the screws and tighten the plate down with the #2 screwdriver and 9/32" open end wrench. Slide your device onto the T- notch Adapter plate to secure it to the swivel. (See Pictures 4)

- 3**

For AMPs Devices with Inserts

Attach your AMPs device using the M4x10 Hex Head screws and M4 Star Washers. Align the holes on the device with the holes on the front half of the swivel. Slide the Star Washers onto the Hex Head screws. Insert the screws through the swivel and into your device only finger tight. Tighten down the device with the 9/32" open end wrench. Your device is now secure to the swivel. (See Pictures 5)

Picture 4



Picture 5

