

INSTALLATION MANUAL FOR

GMC ENVOY 2002-2009

GMC ENVOY DENALI 2005-2009

ISUZU ASCENDER 2003-2007

Mount Location: To the Right of the Climate Control

MVM Multi Vehicle Mount

MVM-35-05

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-35-05 Mount, PHS-203 Ultra Slim Swivel, Mounting Hardware

TOOLS NEEDED FOR DASH PANEL DISASSEMBLY

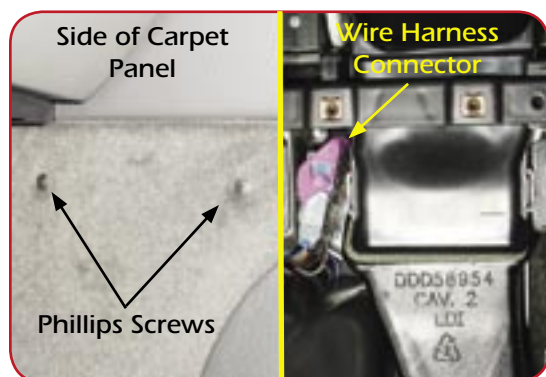
Dash Trim Tool (Part #SIT-104)
2 Phillips Screwdriver
Fiskars 8511 Craft Hand Drill (recommended)
5/64" Drill Bit
9/32" Open End Wrench (for swivel)
Marking Pen

TOOLS NEEDED FOR MVM MODIFICATION (if required)

4 inch Mounted Bench Vise
12 oz. Ball Pein Hammer
Standard Tin Snips
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 locating a small T-15 Torx screw on the front side of the shifter knob just below the release button. Remove this screw and set it aside. Remove the boot and knob by releasing four (4) clips that hold the boot in place. Carefully slide your hook tool or dash trim tool under one of the corners of the boot and pull upward to release the first clip. Do this on all four corners. Pull the boot and knob upward to remove and set it aside. Inside the center console locate two (2) Phillips screws toward the front. Remove the two (2) rubber pads that are at the bottom of the console. Underneath the pads you will find four (4) more screws. Remove the six (6) Phillips screws from the bottom of the center console. Grasp the armrest box and remove it from the cavity. Remove the rubber pad from the front cup holder and remove the exposed 7mm bolt. Inside and toward the back of the center console locate and remove two (2) more 7mm bolts. Note: Locate a wiring harness connector in the bottom of the console. This connector must be disconnected before removing the center console. Hint It maybe easier to disconnect this connector by laying on the floor in the back seat area and lifting the center console upward slightly to gain access to it. Once connector is loose, lift and remove the console and set it aside.



- 2 Locate a carpeted panel that just below the cigarette lighter that wraps around the dash. Locate and remove two (2) Phillips screws, then lift the panel out to remove. Locate and remove two (2) Phillips screws that are located below the cigarette lighter. Next, remove the dash trim bezel that surrounds both the radio and climate control. Use a hook tool or dash trim tool to insert underneath the bezel toward the upper right corner. Carefully pull toward you to release the first clip. Carefully work the tool all the way around the bezel to release all the clips. Disconnect all wiring to the bezel and set the bezel aside. Remove the two (2) 7mm hex head screw that hold the climate control in place. There are four (4) retainer style clips that also hold the climate control. With your fingers, grab these clips and pull the climate control out of its cavity and let it rest out of your way. Do not disconnect the wiring.



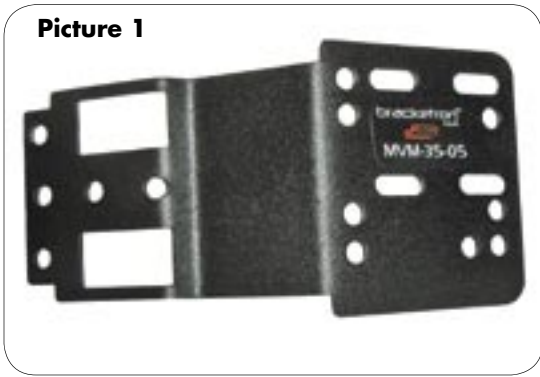
- 3 Place the Multi Vehicle Mount to the right of the radio cavity. In the two (2) holes on the Multi Vehicle Mount, use the marking pen to mark two spots for drilling pilot holes. Remove the Multi Vehicle Mount and set it aside. Carefully drill three pilot holes with the 5/64" drill bit and drill. Place the Multi Vehicle Mount back into place, insert the provided screws and tighten with the #2 Phillips screwdriver. Place the climate control back into its cavity. Make sure that the retainer clips are secure before you Insert the two (2) screws that secure it in place.
- 4 Carefully reinstall the dash in reverse order. Install any Bracketron phone holder or Amps compatible device to your Multi Vehicle Mount.

Your installation is complete

MVM MODIFICATION INSTRUCTIONS

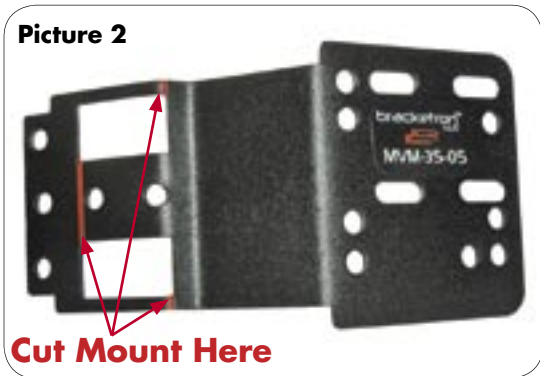
PLEASE NOTE

The Bracketron MVM-35-05 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.*



Picture 1

5 Before you start cutting or bending, your Multi Vehicle Mount should look like the one to the left in picture #1. Begin forming the Multi Vehicle Mount by cutting with a tin snips along the solid red line. See picture #2 to the left. This will give you a flat surface to work with. Smooth out with a file if necessary. Note: You do not want any sharp edges.



Picture 2

Cut Mount Here

6 If needed, place the Multi Vehicle Mount in a vise or on any hard flat surface. Use a small hammer to smooth out any imperfections.

7 After Step 6, your bracket should look like picture #3 below. Use a crackle coated paint if you have damaged any exposed areas.



Picture 3

Return to **3** to continue your installation.

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

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

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.

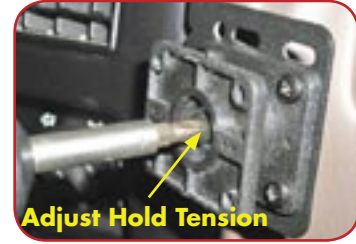
Picture 1



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

