



Detroit Speed, Inc.
Vintage Air Gen IV Magnum Mounting Bracket
1969 Camaro
P/N # 011006

Thank you for purchasing our Detroit Speed Vintage Air Gen IV Magnum Mounting Bracket. We have designed this bracket to mount the complete evaporator unit under the dash using bolt-in attachments. Depending on car build time and assembly plant differences some attachment holes may need to be drilled on the vehicle side. Please follow the steps below.



| Item | Description | Quantity |
|------|--------------------------------------|----------|
| 1 | Gen IV Primary Mounting Bracket | 1 |
| 2 | Gen IV Secondary Mounting Bracket | 1 |
| 3 | Gen IV Support Bracket | 1 |
| 4 | 1/4" - 20 x 1/2" Hex Head Bolt | 8 |
| 5 | 1/4" - 20 x 3/4" Hex Head Bolt | 1 |
| 6 | 1/4" - 20 Half Height Nylock Nut | 6 |
| 7 | 1/4" - 20 Extruded J-nut | 1 |
| 8 | #8 x 1/2" Pan Head Sheet Metal Screw | 1 |

NOTE: If you have a factory A/C 1969 Camaro, you will also need a plenum bracket which is available as DSE part number 011004 to complete the installation shown in Figure 4.

1. Disassembly should include removing the original evaporator or heater unit under dash, as well as the original cable controls and defrost ducts.
2. To begin installation, assemble the bracket as shown in Figure 1 on the next page without installing the evaporator unit. Leave the bolts loose at this time.



Figure 1 - Assembled Bracket Without Evaporator

3. Install the bracket in the car. Locate the upper mounting hole on the center dash brace. Install a 1/4" - 20 x 1/2" Hex Head Bolt and a 1/4" - 20 Nylock nut. Leave this bolt loose at this time. Refer to Figure 2 below.

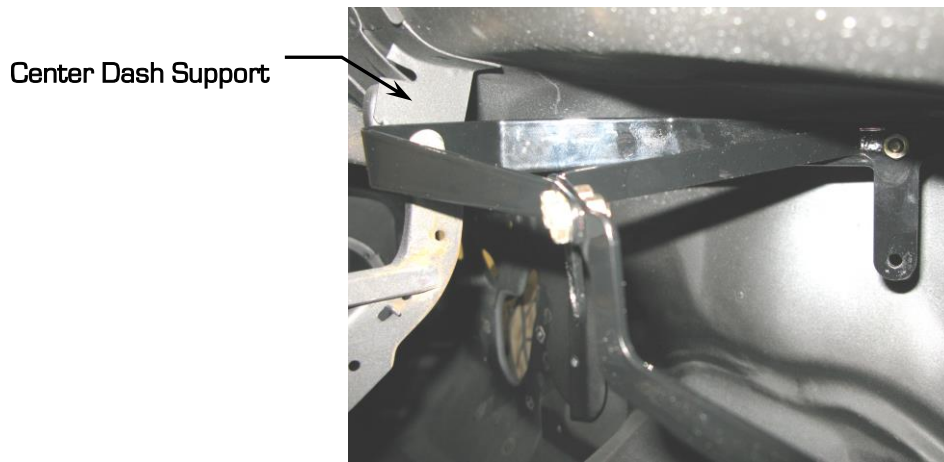


Figure 2 - Center Dash Brace Attachment

4. On the passenger side, installation will vary between a factory a/c car and a non-factory a/c car.
 - a. On a non-factory a/c car, install the provided 1/4" J-nut onto the existing cable bracket and use a 1/4" - 20 x 3/4" Hex Head Bolt and thread the bolt into the J-nut. Refer to Figure 3 below. Tighten all of the hardware at this time.

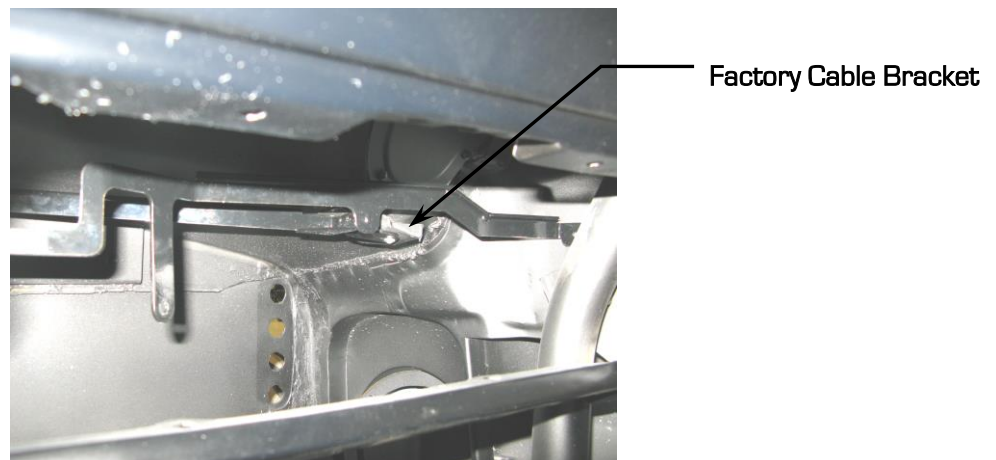


Figure 3 - Cable Bracket Attachment

- b. On a factory a/c 1969 Camaro, Detroit Speed has available a Plenum Bracket (P/N: 011004) that is sold separately that attaches to the Gen IV Magnum Mounting Bracket allowing installation in the car. The Plenum Bracket attaches to the mounting bracket as shown in Figure 4 below. With the plenum bracket attached, locate it against the upper plenum sheet metal and attach it with either pop rivets or sheet metal screws.

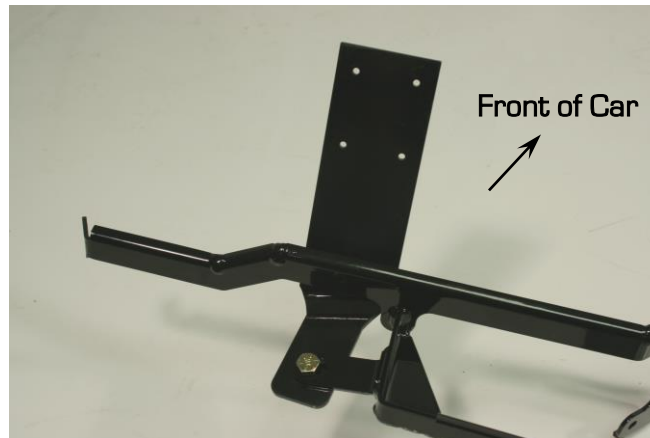


Figure 4 - Plenum Bracket Attached to Gen IV Magnum Mounting Bracket

5. At this point, verify the bracket is level in the car and mark the cowl plenum for the passenger side mount. This hole will be drilled once the bracket is removed from the car.
6. Remove the bracket from the car and drill a 1/8" hole at the marked location.
7. Install the mounting bracket on the evaporator unit. The bracket installs on the unit at three points. Use a 1/4" - 20 x 1/2" Hex Head Bolt at all three mounting points. Tighten these bolts at this time.
8. Before installing the unit in the car, it is recommended that the defrost duct be installed on the unit.
9. Install the bracket and unit in the car at this point. Using the same hardware from Step 3 along with the provided #8 x 1/2" Pan Head Sheet Metal Screw, install the bracket and tighten all hardware. The sheetmetal screw installs in the hole drilled into the cowl plenum in the hole drilled in Step 6.
10. Remove the 1/4" button head bolt from the front face of the evaporator unit to install the provided support bracket shown in Figure 5. This bracket will help support the evaporator unit to the dash. Using the 1/4" hex head bolt from the Vintage Air mounting bracket that came with the evaporator, install the support bracket to the evaporator and use the 1/4" button head bolt to attach the bracket to the dash.



Figure 5 - Support Bracket

11. Figure 6 below shows the unit installed in the vehicle.

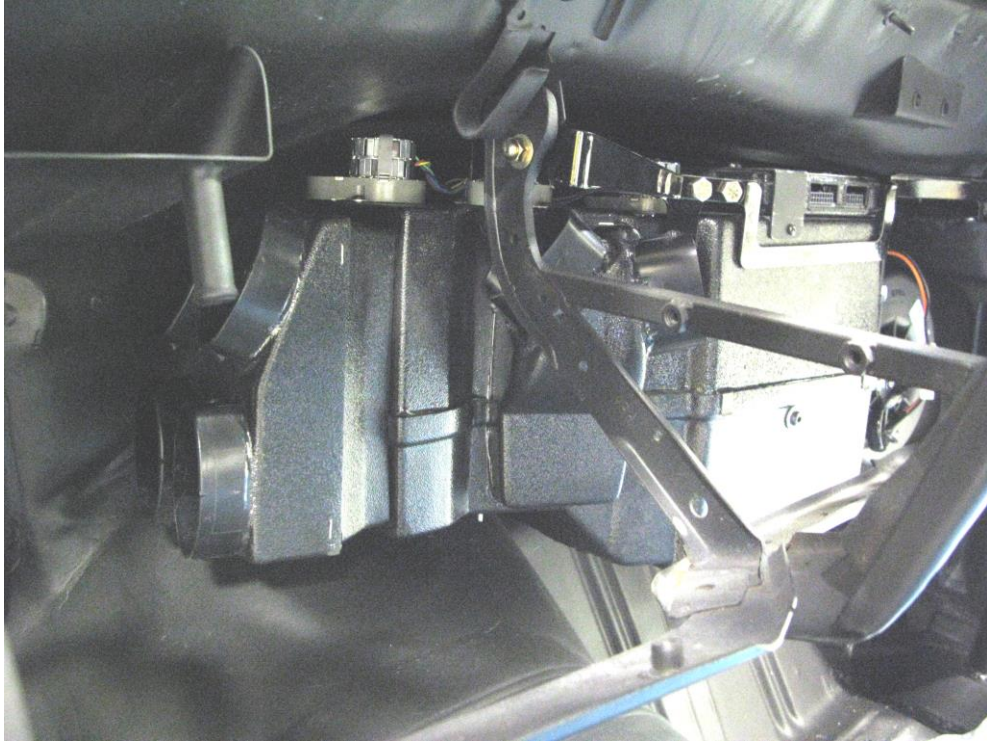


Figure 6 - Unit Installed

If you have any questions before or during the installation of this product please contact Detroit Speed Inc. at info@detroitsspeed.com or 704.662.3272

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