

MAN MACHINE INTERFACE, INC.

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C6 AERO-PLATE **FRONT LICENSE PLATE MOUNTING BRACKET (PATENT US 7401427B)** **INSTALLATION AND CLEANING INSTRUCTIONS**

CAREFULLY READ THIS ENTIRE DOCUMENT BEFORE PROCEEDING

I. Required Tools, Materials and Kit Contents.

1. 7mm and 1/4" hex sockets – 1/4" drive.
2. 1/4" ratchet wrench with short extension.
3. 7mm and 1/4" open end and box combination wrenches.
4. 5/64" Allen wrench.
5. Blue thread lock.
6. Jack, jack stands and wheel chocks.
7. **Contents:** mounting plate, 2 arms, 2 arm mounting screws, 2 mounting plate to arm set screws, 4 Velcro tabs, 2 #8 "U" nut clips - for use if needed on Z06 and Grand Sport only.

II. Installation Instructions.

The C6 Aero-Plate is the only C6 front license plate mounting bracket that provides two license plate mounting positions. Standard, plate down across the bottom front fascia (*recommended optimum position*) or Optional, plate up above the bottom front fascia, in the grille (*not recommended for high temperature climates*). Select your desired mounting position and follow the instructions below.

1. Thoroughly clean the front bumper and the area behind the front grille with a non-wax containing car wash detergent. These areas must be completely clean for the Velcro tabs to adhere properly.
2. Follow vehicle manufacturer instructions to carefully raise the front of the vehicle to an appropriate working height. Use jack, jack stands and wheel chocks as appropriate following vehicle manufacturer instructions.
3. From under the vehicle and behind the front bumper access the two body/fascia screws that are to the immediate right and left of the center of the grille. These screws are visible from the front of the vehicle by looking through and behind the grille, but are difficult to access through the front of the grille. **Note: The bracket can be installed through the front of the grille without raising the vehicle, but it is more difficult to do and requires more time and patience.**
4. Using the 7mm socket and 1/4" ratchet and/or the 7mm combination wrench remove the two screws and save them for possible future use.
5. Place Velcro (provided) on the bottom side of the two rear, 2" long, horizontal bracket arm tabs. At this point do not remove the backing from the side of the Velcro which will adhere to the body panel behind the grille. Trim Velcro to size and place Velcro, again not removing the backing from the side of the Velcro which will adhere to the bumper, on the backside of the two inner, 1 1/2" by 3/4" tabs of the license mounting plate for **Standard** mounting or on the one 1 1/2" by 5/8" center tab on the plate edge for **Optional** mounting – see **FIGURE - 1**. **The use of Velcro is required on all indicated surfaces.**
6. Partially remove the backing from the Velcro on the bracket arms and place the bracket arms through the

front of the grille. **Apply blue (medium strength) thread lock** (not provided) to the bottom 1" of threads of the two steel 2" screws (provided). Complete the removal of the backing from the Velcro on one of the bracket arms and position the arm and its screw over the screw location in the body panel. Using ¼" socket, ¼" ratchet, short extension and/or the ¼" combination wrench secure the arm. Follow the same procedure for the other arm. **Make sure the two arms come straight out the front of the grille and that they are 6 ½", on center, apart.**

7. Apply a small drop of blue thread lock to the tips of the stainless steel set screws (provided) and using 5/64" Allen wrench place and thread down the set screws into the holes on the back of the license mounting plate making sure the two set screws are sufficiently retracted so that the plate will slide over the ends of the bracket arms. Quickly and carefully align the bracket arm slots in the mounting plate, with the **slots up for Standard mounting** or the **slots down for Optional mounting** – see **FIGURE - 1** with the ends of the bracket arms themselves and slide the plate over the ends of the bracket arms until the plate almost touches the bumper. Check the plate and arms for position and alignment. Remove the backing from the Velcro on the two tabs or the single tab of the plate and continue sliding the plate on until it makes contact with the bumper. Press the back piece of Velcro against the bumper. **When mounting in the Standard position**, there may be a slight gap between the two pieces of Velcro on the plate tabs and the bumper at the outside edges, this is normal. **When mounting in the Optional position** you may need to double the Velcro on the single tab to fill the gap between the plate and the bumper. Check final positioning and alignment and then tighten the set screws using the 5/64" Allen wrench. **It is important that during use you frequently check that these set screws remain tight.**
8. Mount your license plate or license plate and license plate frame combination on the license mounting plate of the bracket using two or four, ¼"-20 screws (not provided).
9. Following vehicle manufacturer instructions carefully lower the vehicle, while carefully removing the jack, jack stands and wheel chocks as appropriate.
10. **Never allow the bracket to contact any object, such as a curb, as doing so will result in damage to the bracket and components of the front of your vehicle.**
11. **The C6 Aero-Plate should only be used for normal street applications under normal driving conditions and should not be used in high-speed/racing applications.**

Note: You might want to do a test assembly before you do the final assembly. **Always wear safety glasses and take care and use caution in assembly.**

III. Cleaning Instructions.

The C6 Aero-Plate is one of the finest and most durable front license plate mounting brackets for the C6 Corvette. Treat it as you would your vehicle's finish and it will keep its appearance for years.

1. Only clean your C6 Aero-Plate front license plate mounting bracket with standard car wash detergent, otherwise the finish will be damaged. **Do not use any harsh cleaners, such as, Fantastic, Simple Green or Orange Blast.**
2. If you have purchased a polished C6 Aero-Plate, then it must be cleaned and waxed frequently otherwise corrosion and damage to its finish will result.

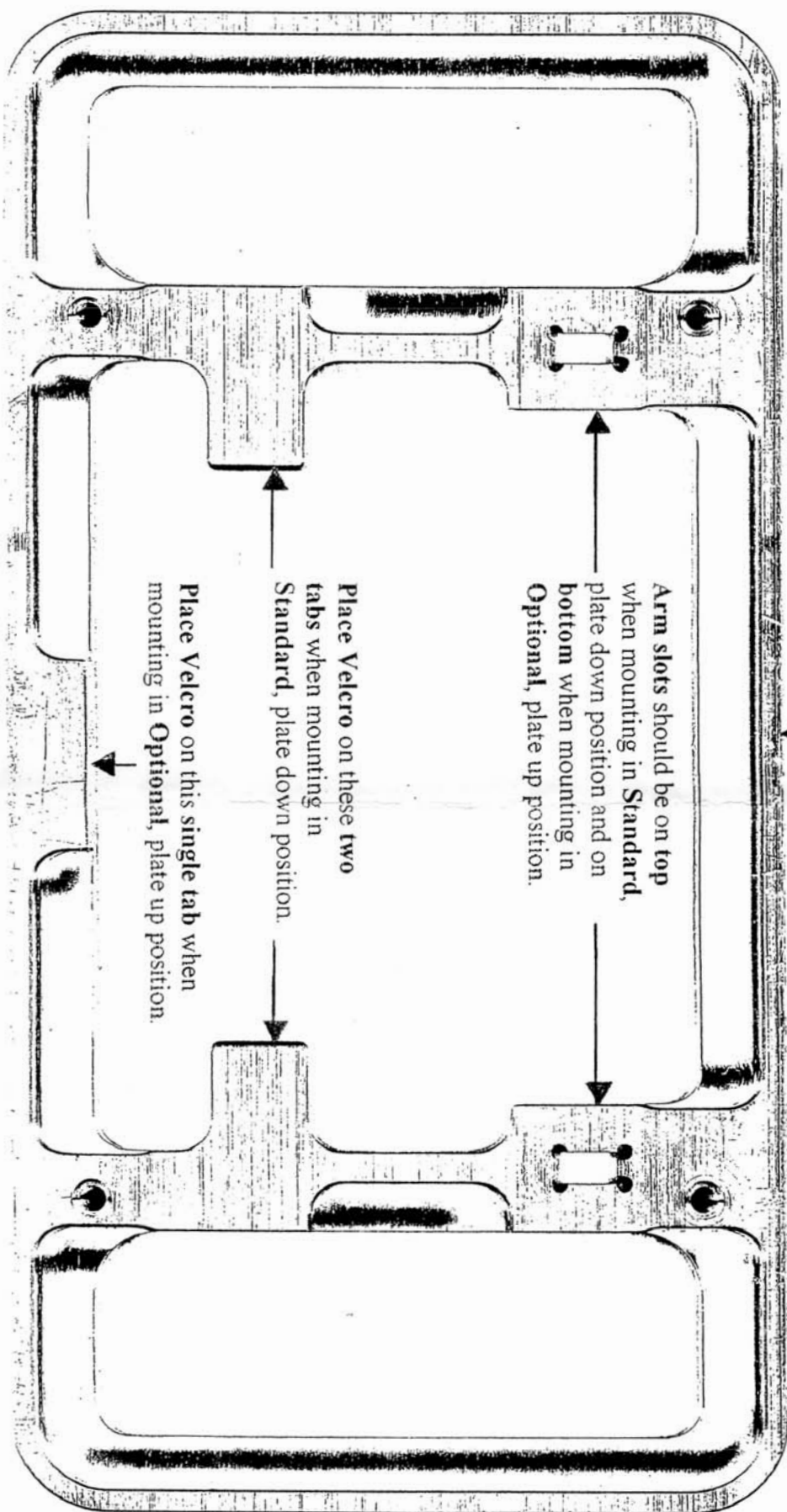
Notification/Disclaimer: The C6 Aero-Plate, front license plate mounting bracket, has a limited Ninety (90) day, from date of purchase, Original Manufacturer warranty, to the Original Purchaser, against defects in materials and workmanship only and has no other warranties what so ever either expressed or implied. Purchaser/User assumes all risk, responsibility and liability for any and all damages resulting from or arising out of the installation and/or use of the C6 Aero-Plate.

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C6 AERO-PLATE (PATENT US 7401427B)

View: Back of Mounting Plate

Top of mounting plate when mounting in Standard, plate down position.
Bottom of mounting plate when mounting in Optional, plate up position.



Arm slots should be on top
when mounting in **Standard**,
plate down position and on
bottom when mounting in
Optional, plate up position.

Place Velcro on these two
tabs when mounting in
Standard, plate down position.

Place Velcro on this single tab when
mounting in **Optional**, plate up position.

FIGURE -1

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C6 AERO-PLATE

FRONT LICENSE PLATE MOUNTING BRACKET (*PATENT US 7401427B*) Z06 AND GRAND SPORT SUPPLEMENT INSTALLATION INSTRUCTIONS

CAREFULLY READ ALL INSTRUCTION DOCUMENTS BEFORE PROCEEDING

For the Z06 and Grand Sport Corvette you will need to follow these additional/specific instructions:

1. Remove the cover beneath the bottom front fascia. This cover is screwed on. This will provide access to the area behind the grille so that the screws indicated in the general instructions can be removed to allow the bracket arms to be installed.
2. In the second from the bottom horizontal row of holes in the grille, the third hole to the right and to the left of the center of the grille are the holes in the grille that are to be used for the arms, see FIGURE – 2. Carefully insert the arms through these designated square/diamond holes in the grille. These are the only two holes in the grille that can be used in order for the arms to come straight out of the front of the grille while the bases of the arms are aligned over the holes which will be used to fasten the arms down. The holes in the grille are a tight fit for the arms. **These holes will expand slightly as the arm is pushed through so insert the arm slowly and carefully.** Screw the arms down. **Note: Because of variances in tolerances and supplier parts, *in some instances* with the arms in place, it may not initially be possible to align and tighten down the arm mounting screws to the body panel nut clips under the base of the arms. If this occurs, first push up slightly on the nut clip while attempting to align and tighten the screw. If the mounting screw still will not align and tighten, then remove and save the original factory nut clips and replace them with the nut clips provided. The screw should now align and tighten.**
3. Test fit the mounting plate to the arms.
4. Cut two ¾ inch by 1 inch pieces of Velcro loop (soft side) only and adhere them to the bottom edge of the mounting plate (or on the bottom fascia aligned under the bottom edge of the mounting plate) at the approximate points shown in FIGURE – 3.
5. Place a **small drop** of blue thread lock (not provided) on the tips of the set screws and install them into the mounting plate so their tips just start to appear in the arm slot set screw holes.
6. Quickly install the mounting plate to the arms in the optional up position and tighten the set screws.
7. Re-install the cover removed in step one and install the license plate.

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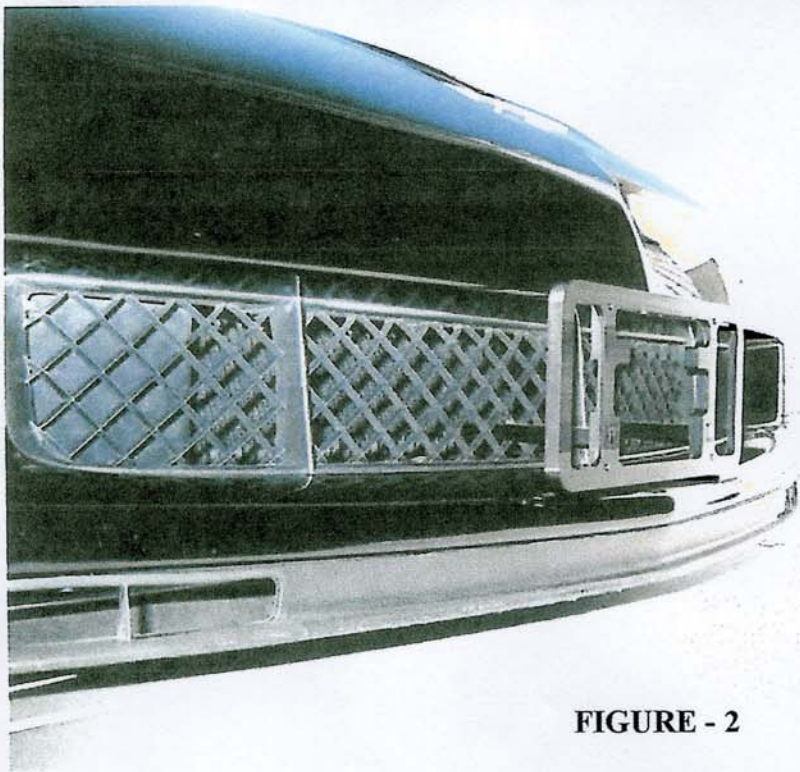
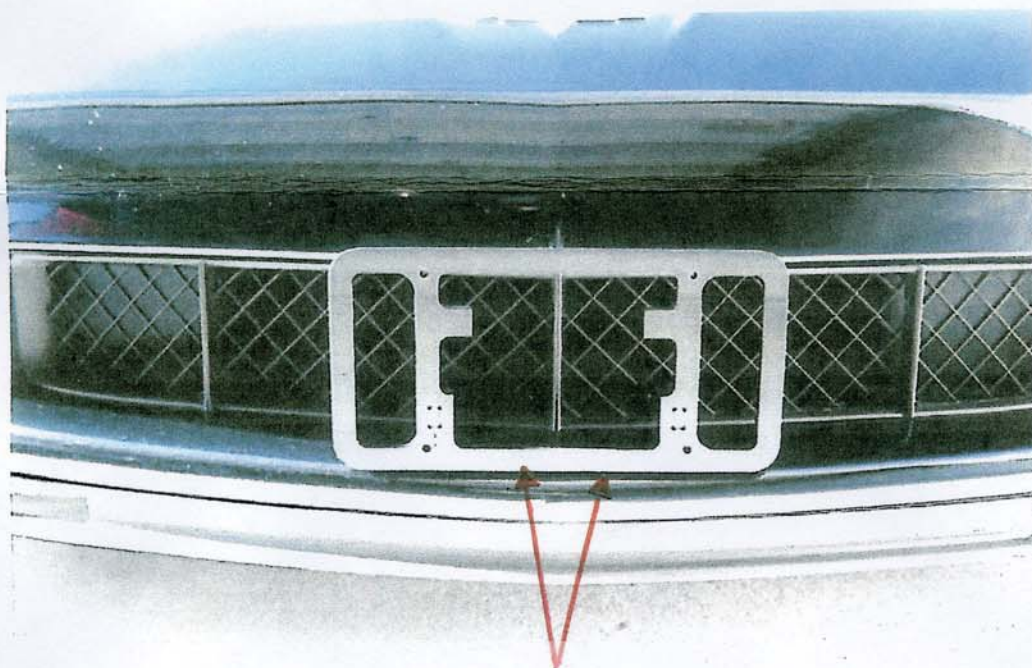


FIGURE - 2



**Place two Velcro
Tabs, loop (soft side) only,
on bottom edge of mounting
plate at these approximate points.**

FIGURE - 3