

# **How To Install Aluminum Racing Pedals**

Please note that two (2) holes will be required to be drilled in each of the factory clutch, brake and gas pedals to secure the aluminum racing pedals.

If you are uncomfortable with the mounting procedure outlined below, your local mechanic should be able to install the pedals for you

Please note that the pedals can be unbolted and the stock factory clutch and brake rubber pedal covers can be re-installed at any time.

You will require the following tools, which can be obtained at any local hardware store:

#2 Philips screw driver  
Open end-Box wrench 8mm  
Drill bits 1/8" and 7/32"  
Electric drill  
Automatic center punch  
Pencil  
Degreasing spray  
2" wide Masking tape

## **Here is a condensed version of the mounting procedure**

1. Remove driver side floor mat.
2. Remove clutch/brake rubber covers.
3. Mount clutch aluminum racing pedal.
4. Mount brake aluminum racing pedal.
5. Mount gas aluminum racing pedal.

## **Here is a detailed version of the mounting procedure**

1. Remove driver side floor mat
2. Remove rubber cover from the factory clutch and brake pedal.

This is easily accomplished by reaching around the top side of the rubber covers, place your fingers under the rear top lip of the cover, and pulling up and toward the rear of the car. Once you have the top of the cover pulled off the clutch/brake pedal sheet metal simply slide the cover toward the floor to fully remove it.

# How to provide Pedal Dimensions

## Materials needed:

- 1) Copier paper
- 2) Tape measure
- 3) Digital or film camera (optional)
- 4) Pen or pencil

## Rectangular pedals:

- 1) Remove any rubber covers before taking measurements.
- 2) Draw a rough sketch on a piece of copier paper.
- 3) Measure width and height of pedal and note on sketch.

## Curved pedals (typically brake and clutch):

- 1) Hold a piece of paper against the side of the pedal and trace the pedal curvature on the paper.
- 2) Draw two 3" reference lines, one horizontal (below or above the tracing), and one vertical (to either side of the tracing).

## Tapered pedals:

- 1) Remove any rubber covers before taking measurements.
- 2) Draw a rough sketch of the pedal on a piece of copier paper.
- 3) Measure width at top, width at bottom, and height of pedal and note on sketch.

## Irregularly shaped pedals:

- 1) Remove any rubber covers before taking measurements.
- 2) Draw a rough sketch on a piece of copier paper.
- 3) Measure length of each side of pedal and note on sketch. Please also note all right angles on sketch.



3. Clean the front surface of the factory clutch/brake pedal sheet metal using degreaser and a shop towel or rag.

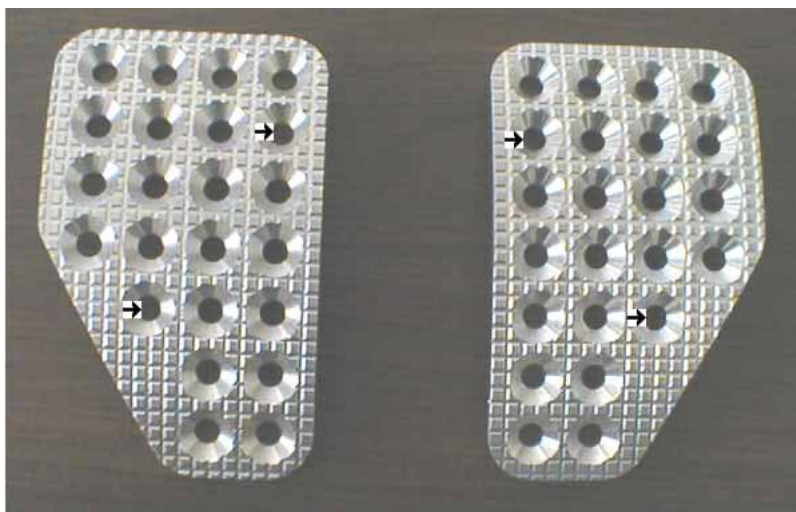
4. Apply masking tape to the factory clutch/brake pedal sheet metal as shown in the photo.



The masking tape will help you see where you have marked the factory clutch/brake pedal sheet metal with the pencil to locate the mounting holes for the aluminum racing pedals.

5. Place the aluminum clutch racing pedal over the factory clutch pedal sheet metal and center it using your fingers as a guide.

6. While holding the aluminum clutch racing pedal onto the factory clutch pedal sheet metal with one hand, mark a circle on the masking tape through the indicated hole with the pencil.



Note: It is our experience that the hole indicated will work for your application, however be sure to confirm that there is ample space on the backside of the factory clutch pedal sheet metal for

the securing nut using the indicated mounting hole. If there is a clearance problem use an adjacent hole of the aluminum clutch racing pedal.

7. Remove the aluminum clutch racing pedal and using the center punch make a dimple in the center of the hole you made with the pencil on the masking tape.

A center punch is recommended, but not required, to help locate the drill bit while drilling the mounting holes for the aluminum racing pedals. If you are unfamiliar with using a center punch use the following three-step process:

A. First place the tip of the center punch in the middle of the circle you just made by holding the center punch as shown in the figure.

B. Then straighten the center punch so that it is perpendicular to the factory clutch pedal sheet metal while still maintaining contact at the tip of the center punch in the center of the circle you made with the pencil on the factory clutch pedal sheet metal.

C. While supporting the backside of the factory clutch pedal, press the center punch toward the factory clutch pedal sheet metal until you hear a "click" sound. This will make a dimple or small recess/crater in the surface of the factory clutch/brake pedal sheet metal.

8. Drill the top mounting hole in the factory clutch pedal sheet metal using the dimple created in the above step with the small drill bit first and then use the larger drill bit to obtain the proper clearance hole for the mounting screw.

It is recommended, but not required, to first drill the hole with a smaller drill bit because it is easier to locate a small drill bit in the dimple. Support the factory clutch pedal with your other hand, but be sure not to place your hand or fingers in line with the hole you are drilling to avoid accidentally drilling into your hand or fingers.

9. Mount the aluminum racing clutch pedal to the factory clutch pedal sheet metal using one (1) of the 14mm long supplied flat head screws, one (1) washer, one (1) nylon insert lock nut, the hex wrench, and the box wrench and tighten so that the aluminum clutch racing pedal is held firmly in place.

10. Re-align aluminum racing clutch pedal to the factory clutch pedal sheet metal using your fingers as a guide around all sides of the aluminum racing pedal.

11. Repeat steps 6-9 and use both mounting screws to finish installation of the aluminum clutch racing pedal.

12. Repeat steps 5-11 to install the aluminum brake racing pedal. We recommend locating the right edge of the aluminum brake racing pedal so that it is flush with the right edge of the factory brake pedal sheet metal. This will provide maximum clearance between the brake pedal and the gas pedal.

13. Repeat steps 3-9 to install the aluminum gas racing pedal with the following modifications:



Ferrari specific:

There is no rubber cover for the factory gas pedal.

Be sure to allow clearance (~1/8") between the bottom of the aluminum gas racing pedal and the top of the plastic trim that surrounds the base of the factory gas pedal.

Metal gas pedals:

First mark with the pencil, center-punch, and drill the top mounting hole in the factory gas pedal sheet metal, then mount the top of the aluminum gas pedal using one (1) of the 14mm long flat head screws, one (1) nylon insert lock nuts, the hex wrench, and the box wrench and tighten so that the aluminum gas racing pedal is held firmly in place, re-check alignment of the side of the aluminum gas racing pedal with the side of the factory gas sheet metal pedal, then mark with the pencil, center-punch, drill the bottom mounting hole in the factory gas pedal sheet metal, and mount the bottom of the aluminum gas pedal using one (1) of the 14mm long flat head screws, one (1) flat washer, and one (1) nylon insert lock nuts. Please note that a 30mm long flat head screw is supplied for the lower 348/355 gas pedal mounting hole.

Plastic gas pedals and footrests:

First mark with the pencil, center-punch, and drill the top mounting hole in the factory plastic gas pedal using the 1/8" drill bit only, then mount the top of the aluminum gas pedal using one (1) of the self tapping flat head screws, re-check alignment of the side of the aluminum gas racing pedal with the side of the factory plastic gas pedal, then mark with the pencil, center-punch, drill the bottom mounting hole in the factory plastic gas pedal using the 1/8" drill bit only, and mount the bottom of the aluminum gas pedal using one (1) of the self tapping flat head screws.

348/355 Passenger Footrest:

Remove existing passenger side rubber by pulling it away. Underneath you will see a black metal door/panel. Remove this panel from car by turning each of the top two screws counter clockwise 1/4 turn, then remove the bottom two screws completely, the panel can now be removed from the car. Mark and drill four (4) mounting holes using a 1/8" drill bit ( we recommend using one hole in each corner of the Aluminum Passenger Footrest, be sure that you will not drill into any electronics or wiring). Re-install the metal panel into the footwell. Place the aluminum footrest over the metal panel and screw in the four (4) mounting screws previously drilled.

**Congratulations you have finished installing your  
aluminum racing pedals!**