

OPT.611.211
Installation of the alloy, battery hold down bracket
for an Optima battery.

This unit has now been modified to fit more than one application for Porsche, and maybe other cars as well.

Take the SC34 Optima battery and turn it on its side. Since it is a sealed Spiral Cell battery no fluids will leak out or spill. **Care must be taken to not allow the two terminals to come in contact with any metal objects.**

For the 911 cars: Using the supplied four countersunk screws, insert them through the alloy plate holes that are NOT marked with the “B” and on thru the bottom four holes in the Optima battery. Since this plate is now somewhat universal and fits more than one car, there are two sets of holes drilled in the plate to allow proper fitment in 911/930 as well as C2/4, 993, Boxster and 996 cars. (See notes below for the C2/4, Boxster/996 cars).

You may have to flip the plate around to make sure the positive (+) and negative (-) poles are in the best position for installation for the battery cables in the vehicle. Install the flat washers and locking nuts from the battery side and snug them down.

Do not over tighten these.

Install the battery in the vehicle just as the old unit came out. The bent (hooked) end of the alloy bracket slides under the retaining clip in the body. The hold down bolt into the body goes thru the hole in the plate. Use the supplied new hardware.

Clean up any rusty areas using a solution of baking soda and water and let dry, then spray with body undercoat to protect any bare areas from future rust and corrosion.

Always properly clean and lubricate the battery cable terminals and replace them if necessary.

We recommend the use of a “Battery Mat” under all batteries.

Optima Install for C2/4 & 993 series cars

YOU MUST USE A SC34R REVERSE TERMINAL STYLE OPTIMA BATTERY

911C2/4 cars, as well as the 993 series can utilize an Optima battery, but only the SC34R (reverse terminal) type will work. Due to the short positive and negative cables, you need the reverse polarity posts so that the cables will reach.

The stock, factory, bolt on battery hold down clamp, and the hooked bracket welded to the battery floor in the car will work to properly hold the battery in place with no modifications.

One modification does need to be made to allow the positive battery cable end to fit properly on the Optima battery. The positive battery cable end has a stiff accumulation of wires that is an integral part of the battery cable end clamp. Due to its 90 degree bent design it won't fit over the positive Optima post since the post on the Optima is moved in slightly from the edge compared to the conventional battery. You must bend the 90 degree end of the cable where the wires start at more of a 45 degree type bend. The cable is very stiff and it requires some muscle and proper choice of tools to get this done. The best way we have found is to take the battery cable end clamp and clamp onto it with some large vise grips. Then take a piece of a 2x4 block to push against and bend the end of the cable over the piece of wood to slightly straighten out the 90 degree bend at the very end by the clamp. This will allow the cable end to go over the positive terminal far enough to clamp properly and still clear the edge of the battery.

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Installation Tips for Boxster and 996:

This alloy mount has been modified from its initial 911 fitment design to incorporate the Boxster/996 chassis. You must use the Optima SC34R instead of the regular SC34. The SC34R has the Positive (+) and the negative (-) terminals reversed on the top of the battery.

Since the Boxster/996 battery compartment has the positive (+) cable located on the passenger side of the battery box, this reverse terminal battery will allow the easy installation without having to extend the battery cables. Use the holes in the bracket with the "B" marked next to them. Bolt it on (using the supplied countersunk screws, washers, and nuts) making sure the bent up tab is on the negative (-) post side of the battery. This will center up the battery in a position that will allow both the negative and the positive cables to just reach the posts. It is a tight fit and you might have to tug on them just a bit to shape them the way you need, but they will fit just right. Use the included M8 bolt, B8 fender washer, and B8 spring washer to drop down through the large hole on the passenger side of the plate to secure the battery assembly to the car.

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