



**Race Proven Products For Your Porsche!**

## **911 – 930/964 Billet Aluminum Valve Covers**

### **Porsche Valve Cover Installation Instructions**

The Penta Motorsports Billet Aluminum Valve Covers are designed to fit Porsche models 911 – 930/964 from 1965-1994

Prior to beginning the installation process please read the entire instruction manual to be sure you understand the entire process and all necessary tools and materials are at hand.

Installation should only be performed by qualified automotive service technicians. If you do not fully understand the instructions refer the work to a qualified technician.

#### **Contents of Valve Cover Kit (set of 4)**

<b>Qty</b>	<b>Description</b>
2	911/930 or 911/964 Upper Valve Covers (depending on what was ordered)
2	911/930 or 911/964 Lower Valve Covers (depending on what was ordered)
4	O-Ring gaskets
34	8 mm or 6 mm Nyloc nuts (depending on what was ordered, 930 or 964)
34	8 mm or 6 mm washers (depending on what was ordered, 930 or 964)

#### **Contents of Valve Cover Kit (set of 2)**

<b>Qty</b>	<b>Description</b>
2	911/930 or 911/964 Upper or Lower Valve Covers (depending on what was ordered)
2	O-Ring gaskets
12	8 mm or 6 mm Nyloc nuts (if upper valve covers ordered - 930 or 964)
22	8 mm or 6 mm washers (if lower valve covers ordered - 930 or 964)

# Porsche Valve Cover Installation Instructions

## Tools Required (not provided)

Qty	Description
1	13 mm socket or 10 mm socket (depending on 930 or 964)
1	1/4" ratchet
1	Flat head screwdriver (for gently prying loose valve cover)
1	Rubber Gloves (if desired)
1	Razor blade (used for scraping off old valve cover gasket material)
1	Shop rags or Heavy Duty paper towels (to cover valves when cleaning valve cover mating surfaces)
1	Degreaser (for cleaning surfaces)

## Installation Instructions

1. Remove each nut and washer from valve cover using 13 mm or 10 mm socket depending on which model 911 you are working on.
2. Place removed nuts and washers in a container should you chose to reuse them.
3. Using a flat head screwdriver, gently pry open the valve cover from the motor until you can wiggle it off by hand.
4. Remove valve cover slowly to prevent dropping any debris into the valve train.
5. Place a clean shop rag or thick paper towel inside valve train to prevent any particles getting inside.
6. Remove any gasket material that may be left behind on the mating surfaces. This can be done with a razor blade and degreaser making sure all surfaces are free of debris and old gasket material.
7. Once surfaces are clean you can now prep your new Penta Valve covers for installation.