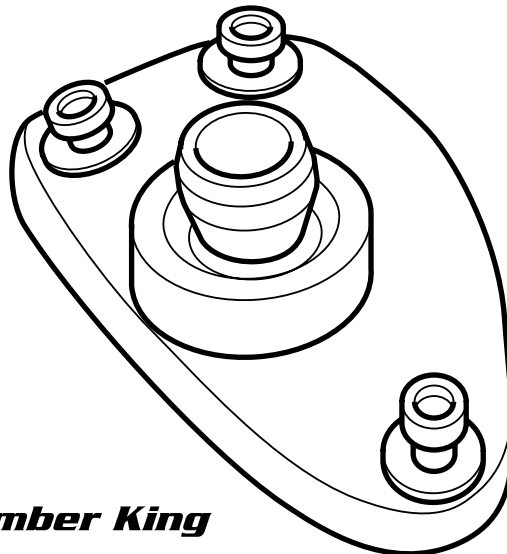


# SMARTRACING™ PRODUCTS

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WEVO Camber King Strut Top Kit  
914/911's Without Cross Bar  
Part No. 452197

## Instructions WEVO Camber King Strut Top kit for 914/911's Without Cross Bar



### **WEVO** Camber King

This kit is designed for installation in the 914/911 series chassis.

Before you begin to disassemble your existing front suspension, read these instructions and understand the opportunity to install this kit without losing the existing set-up position of your front struts.

The threaded section at the top of the damper shaft has some variation over the full course of the 24-year span. This kit is designed to be installed with the most common design that was used all through the 70's and 80's. This requires an 18 mm Ø (nominal) damper shaft where it passes through the strut top bearing. Non O.E. dampers may vary in this area and should be inspected to establish compatibility. Windrush can provide or manufacture adapters of any diameter, please inquire if you need alternate spacers.

When you disassemble your existing strut top, there is likely to be light corrosion on the 18 mm Ø section of the damper strut. Use fine Emory cloth or Scotchbrite to clean this corrosion from the shaft and allow the parts to be assembled with a clean, close tolerance, slide-together fit.

Installation of the WEVO Camber King kit can be achieved without losing your existing wheel alignment settings if the following procedure is adhered to;

Use some masking tape, put a piece of tape on each fender top, roughly square across the car from the damper tops.

Then place two further pieces of tape on the scuttle, immediately in front of the windscreen - and directly behind the strut top in car line.

Make an "X" mark on each piece of tape.

Now use a rule or tape measure and take a dimension from the "X" on the tape to the strut center.

Record each dimension on the piece of tape it corresponds to.

You now have two dimensions that reference the strut top to the "X" 's marked on the tape.

As long as you do not move or remove the tape, you can be sure to re-position the strut top to the original location by using the dimensions you recorded.

The three bolts that fasten the strut top have been reduced from M10 to M8, the heavy washer must be used under the head of the M8 bolt. **The M8 bolts should be tightened to 22 ft/lbs.** Be sure to re-use the heavy, single hole and two hole, curved load spreading plates that were used under the heads of the original M10 bolts.

When installing the damper, check that no fouling occurs between the strut top casting and the dust cover on the damper.

The offset compact design of the WEVO Camber King will allow up to 2.8° negative camber on most standard 911 body shells. Minor variations in maximum camber will be a result of the sheet metal manufacturing and assembly tolerances, or tilt in the bodyshell. Tilt should be corrected by altering ride heights left and right during a thorough chassis alignment, or set-up procedure.

Ensure all fasteners are correctly tightened .

**Questions or comments please call 408.369.9997 or FAX 408.369.9741**  
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The M8 bolts should be ———  
tightened to 22 ft/lbs.

### Camber King Parts List

Item	Qty	Part #	Description
1	1	452195.01	911 Strut Top - right side
1	1	452195.02	911 Strut Top - left side
2	2	452195.03	Strut top spacer/Nut
3	6	452195.12	Heavy Washer - M8
4	6	452195.13	Cap Head Bolt - plated - M8 x 25

### Not Supplied Parts List

Item	Qty	Part #	Description
5	0	452195.14	Clamp Plate - 1 bolt hole
6	0	452195.15	Clamp Plate - 2 bolt hole