



*Porsche Rear Coil Over Kit for 911, 930, 912 (72-89) with Bilstein Sport Shock part #B460975H2*

Note: The installation of this kit requires a specific groove to be cut into the shock body in order to hold the support ring. Here are several options to achieve this:

You can ship us your shocks and we at Rebel Racing Products will cut this groove free of charge (actual return shipping costs will be charged to the customer).

Or you can have a machine shop cut the groove specifically **.035" deep and .066" wide**. This shouldn't take more than 15 min. per shock and requires a lathe capable of clamping objects 2 inches in diameter.

Any questions about machining please contact us.

Installation Instructions:

1. Remove both rear shocks from car
2. Cut grooves into shocks about **4.50 inches up from the center of the bottom eyelet**. Depending on what length springs you plan on using this groove can be put in any desired location on the shock body. Multiple grooves can be used but we suggest placing them no less than 1 inch apart.
3. Apply a small amount of loctite to each groove and install snap rings into grooves being sure not to expand the snap rings more than needed to slide them into place.
4. Install the threaded tubes on the shocks making sure the tubes slip over and captivate the snap rings, securing them in place. The clearance between the snap ring and threaded tube should be very minimal.
5. Thread on lower adjusting spring perch if it is not already on.
6. Install 2.25" ID coil spring. Free length of 8 or 9 inches is recommended. Then install rubber bump stop (3 small discs only) supplied with the Bilstein shocks.
7. Install upper spring hat. The hats are designed to slide up and down the shaft of the shock, this keeps the spring mated to the perches when the suspension is unloaded. Helper springs are another method to achieve this and also available for this kit.
8. Install one flat washer and one rubber bushing on each shock. These should rest on the lip towards the top of the shaft.
9. Reinstall shocks into car.
10. Place second rubber bushings and second flat washers onto top of shock post and tighten nut until it stops.
11. Fasten bottom of shock to banana (trailing) arm.
12. Set ride height (this adjustment is much easier with the suspension unloaded).
13. LIGHTLY tighten down nylon tipped set screw in lower spring perch.