



991 Front Coil-over Conversion Kit - Installation Instructions

Assembly #: 2320003

Cars applicable:

991 (All Except GT3), 991 Turbo, 981

Parts list:

Quantity	Description
2	Threaded Coil Sleeve
2	Slip-On Lower Sleeve Perch
2	2.5" Threaded Lower Spring Perch
2	2.5" ID Spring Seat Bearing Kit

Tools Required:

- Basic Mechanic's Tool set
- Cutoff Wheel or Hack Saw

Required parts NOT included:

- 2.5" x 6" main coil springs
- 2.5" x 6" helper springs
- 2.5" spring divider kit
- Duct Tape

Introduction:

Congratulations on your selection of the Elephant Racing 991 coilover conversion kit!

With this kit, you will be able to select a suitable spring for your needs from a range of spring rates, lower the car from the factory height, and corner balance the car just as you would with an adjustable coil-over setup. This kit is designed to work with Elephant Racing Camber plates or stock upper strut mounts.

Whether you are going for a lowered look, more aggressive handling on the street over stock, or a combination of the two, this kit will help you meet those goals.



Installation:

- Remove the factory lower spring perch from the struts using a cutoff wheel or hack saw and pry bar (See Photos 1 through 3 on the following page for details).
- Install parts in the sequence as shown to the right.
- On top of the spring divider, place the seat bearing sandwiched between two bearing thrust washers
- Slide the slip on perch over the strut, align the relief with the bump on the strut body. Seat perch against the drop link mount on PDCC cars, and the large diameter of the lower strut on non-PDCC cars.
- Slide the threaded coil sleeve over the strut onto the slip on perch. Put a couple wraps of duct tape around the strut to help center the sleeve on the strut.
- Install springs, seat bearing kit, and spring divider.
- The top of the mainspring then abuts the factory strut top mount, using the cylindrical projection in the mount to keep the spring centered.



Height Adjustment:

Raise the car using appropriate lifting locations to decompress the springs. Loosen the clamping screw in the lower perch. Rotate the lower perch to the desired height. One can use an M8 bolt inserted into the blind holes on the lower perch as a temporary handle. Tighten the set screw to 5 ft-lbs.



Photo 1: Cutting lower spring perch



Photo 3: Prying Apart
Lower Spring Perch



Photo 2: Removing Lower Spring
Perch from Strut Body



Photo 4: Assembled Coilover Strut