



Rubber Spring Plate Bushing Kit - Installation Instructions

Part #2290003

'68 – '89 911/912/930

'67 911 from Chassis Serial Number 307 325

'67 912 from Chassis Serial Number 354 938

'67 911 S from Chassis Serial Number 305 101 A

Part #2290004 '65-67.5

'65-67 911/912 chassis numbers earlier than above

Cars applicable:

All listed above with factory fixed, factory adjustable spring plates or QuickChange adjustable Spring Plates

Parts list:

Qty	Description
4	Rubber spring plate bushings, OEM spec (65-67.5 only – 2 large and 2 small bushings)
2	M10x55 Hex head cap screw
2	Tube of Cyanoacrylate adhesive (superglue)
2	Strips of abrasive cloth

Required but not included:

- Razor knife
- Propane torch
- Flat blade screwdriver

Optional but recommended:

Bushing cutter, Elephant Racing part number 2061002

Introduction –

Elephant Racing Rubber Spring Plate Bushing Kit renews the spring plates to original OEM specifications, ride quality, and performance.

The kit can be installed using ordinary hand tools. Removing the old bushings is the most difficult part of the process. Elephant Racing offers a recommended optional tool (Bushing Cutter part # 2061002) that simplifies removal of the old bushings. A video demonstrating its use is available at www.elephantracing.com

These instructions focus on bushing removal and installation. If you are not familiar with spring plate removal and installation, refer to a shop manual.



Kit contents

Step-by-Step Installation -

1 – Remove old rubber bushings from spring plates

To simplify bushing removal, you may wish to obtain the Elephant Racing Bushing Cutter, part # 2061000. A video demonstrating use of the cutter is available at www.elephantracing.com

If you do not have the bushing cutter, proceed as follows:

Remove spring plates from car and secure them in a bench vise.

Use a propane torch to heat the inside of the spring plate tube until a small amount of rubber smoke is visible. The heat will allow the rubber to pull away from the metal with relative ease.

Use a flat blade screwdriver to separate the rubber bushings from the spring plate.

Use a razor knife to cut the bushing away from the flat portion of the spring plate.

Pry the bushings off.

Use a razor knife to remove any remaining large bits of rubber.

Use the abrasive cloth to remove the last bits of rubber from the spring plate. Frequently submerge the cloth into water to keep it wet and clean of rubber bits. Wrap it like a shoe-shine cloth to remove rubber from the round of the spring plate.



2 – Install rubber bushings

65-67.5 cars, the large bushing goes on the outside of the spring plate.

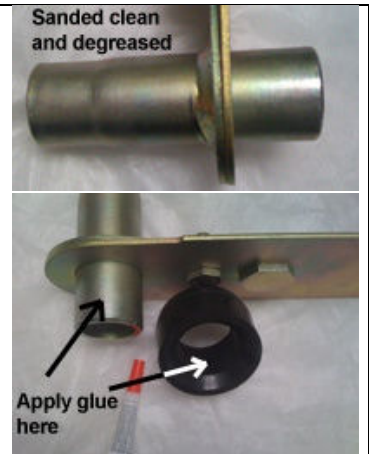
Use a degreaser to thoroughly clean the spring plate and the rubber bushing, perfectly clean. Use abrasive cloth to clean and scuff bushing inside diameter.

Perform this step one bushing at a time and work quickly, you only have a few seconds of work time with the adhesive.

Apply about ½ tube of the provided adhesive to the mating surfaces of both the spring plate and the bushing.

With the beveled edge of the bushing leading, slide the bushing onto the spring plate while rotating it to fully distribute the adhesive. You must complete this step quickly, within about 5 seconds, before the adhesive begins to cure.

Repeat for the remaining three bushings.



3 – Press spring plates and bushings into car

Clean any bushing residue, dirt, or grease from the bushing socket in the torsion tube and spring plate cover.

Coat the mating surfaces of the bushing socket, spring plate cover, and both bushings with liquid soap.

Slide spring plate and bushing into the torsion tube, pressing with your hands. Set the spring plate at the desired angle.

Press the spring plate cover onto the outer bushing. Start the provided M10 bolts through the cover plate into the chassis.

Alternately tighten each screw to draw the cover plate to the chassis, pressing the bushings into place. Once the plate is nearly seated, replace the long screws with the factory screws.

Refer to a shop manual to complete the spring plate installation.

