

# Installation instructions

For set # 15.3113 / 15.3117

## Volkswagen Front Control Arm Bushings



It is recommended that if you are unfamiliar with this type of work that you refer to a qualified service center specializing in this type of work. It is also recommended that if you choose to do this work yourself that a factory service manual be obtained for the proper procedures pertaining to removal, replacement and proper torque specifications for your vehicle. This instruction sheet is intended as a guideline for the safe installation of Energy Suspension's polyurethane bushings once you have removed the factory suspension components from your vehicle. Wheel alignment is almost always disturbed when suspension components are removed or replaced. It is recommended that you have the alignment checked on your vehicle at a qualified alignment shop.

### Parts list: 15.3113 / 15.3117

- 2 ea 3319 (Vertical Bushing)
- 2 ea 15.10.343.39 (1.000" O.D. x .688" I.D. x 1.600" LG. (sleeve  
-OR- for vertical position - SET 15.3113)
- 2ea 15.10.398.39 (1.000" O.D. x .500" I.D. X 1.600" LG (sleeve  
for vertical position - SET 15.3117)
- 2 ea 3320 (Horizontal Bushing)
- 2 ea 15.10.126.39 (.750" O.D. x .480" I.D. x 2.125" LG. (sleeve  
for horizontal position)
- 1 ea 9.11101 (Formula 5 Prelube)
- 1 ea 17567 (Instruction Sheet)



1

Refer to the shop manual for the safe removal of front control arm, torque specs, and alignment of your vehicle.

NOTE: Control arm may vary depending on model/year as shown below.

2

O.D. Smaller than  $\varnothing 1.165''$

I.D. Bigger than  $\varnothing 1.165''$

I.D. of front horizontal position is  $\varnothing 1.165''$ . Using a hydraulic press, properly support the control arm and slowly push out the rubber bushing.

3

O.D. Smaller than  $\varnothing 2.345''$

I.D. Bigger than  $\varnothing 2.345''$

I.D. of front vertical position is  $\varnothing 2.345''$ . Using a hydraulic press, properly support control arm and slowly push out the rubber bushing and attached metal shell. (See inset photo)

4

Remove all sharp edges from the control arm with a file, making a smooth rounded corner. Apply grease to the leading edge, O.D. and I.D. of the bushing and all metal parts that will contact the new polyurethane bushings. After pressing in the bushings, grease and install the sleeves.

5. Reinstall arms and tighten all nuts/bolts to factory specifications.

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