OPEN FIRST!!

Installation Instructions
Set # 5.3147
Front control Arm Bushings
2009-2018 Dodge Ram 1500 4WD

ENERGY SUSPENSION®

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 set is intended as a guideline for the safe installation of Energy Suspension's polyurethane bushings, once you have removed the factory 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. Energy Suspension recommends that you read over all the installation instructions and check all P/N's and quantities in the parts list before you start. Call customer service at 949-361-3935 if the parts in your kit do not match this parts list. Prior to installation, make sure that your car is in excellent mechanical condition and that there are no suspension or steering related problems. This part has been designed to work only with a car that is in good state of repair. No matter how carefully we design our parts, this is one area we have no control over and cannot be held responsible.

Parts List:
2 - 03P03711 Lower Control Arm Bushing Rear Pos
2 - 03P03712 Lower Control Arm Bushing Front Pos
2 - 08P08463 Lower Shock Bushing
2 - 03P03713 Shock Bushing Thrust Washer
4 - 03P03714 Upper Control Arm Bushings
4 - 15P1080839 LCA Sleeve 1.400" x .719" x 3.740"
2 - 15P1080639 Shock Bushing Sleeve 1.000" x .640" x 2.750"
4 - 15P1079539 UCA sleeve 1.000" x .563" x 1.928"
1 - 911107 Formula Five Grease

Bushing Removal

Installation of this set requires removing the old bushing and retaining the OEM metal shell. This means the bushings will need to be burned out of the control arms. Using a MAPP gas or OXY/Acetylene torch, heat the outside of the bushing eye on the control arm until the bond is broken between the rubber and the steel shell. Once the bond is broken, the bushing can be removed using a screwdriver or pliers. See example images to the right.

Use caution as the rubber will be very hot.

Remove the remaining rubber and clean the inside of the shell to prepare it for the new bushing.

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Preparation

Prior to installing your new Energy Suspension Bushings, inspect the eye that the bushing will be installed into. Remove any burs or sharp edges and clean the eye of the part.

See images to the right for an example.

Installation

The preferred method of installing Energy Suspension bushings is to use an Arbor Press tool. See image to the right.
Other options include a Bench Vise or C-Clamp.
Prior to installing the bushings and after the parts have been cleaned and prepped, apply a light coat of silicone grease to the inside of the eye of the part receiving the new bushing(s). Apply a light coat of silicone grease to all surfaces of the new bushing(s) that will contact metal during installation.
Use the Arbor Press or similar tool to push the new bushing(s) into the eye of the control arm.
Lightly coat the outside of the new metal sleeve with silicone grease as well as the center bore of the new bushing(s) and push the new sleeve into the new bushing(s).
Keep any extra grease that gets pushed out during the process for other bushings in the set.

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