

# Installation instructions

## For set # 5.1115 LX DIFF. BUSHINGS



1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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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 vehicle 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 vehicle 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.

Bushing replacement isn't easy and getting the old bushings out is the hardest part. The parts you use don't have to be perfect or look pretty, they just have to work. Look in a hardware store, junk yard or salvage yard. Use whatever is available to you. Nuts, all-thread, washers and tubing works well for removing the OE bushings from the rear of the subframe. (Pic1) The outer metal shell must be removed for the new bushings to fit properly. Use a little grease to help press the bushings and sleeves into place. 4299 & 4300 are installed from the inside, P/N facing out. Install sleeve 15.10.653.38 after the bushings. Must remove the dust cap at the front position to remove the upper OE bushing. See below for position of supplied parts in kit.

Big washer with O.D. same as tubing and I.D. same as threaded rod.

Thick washer. O.D. should be smaller than I.D. of outer metal eye (I.D. Ø2.600") Too big it might get stuck half way thru, too small it might suck into the outer metal eye and bind.

(Pic 1)

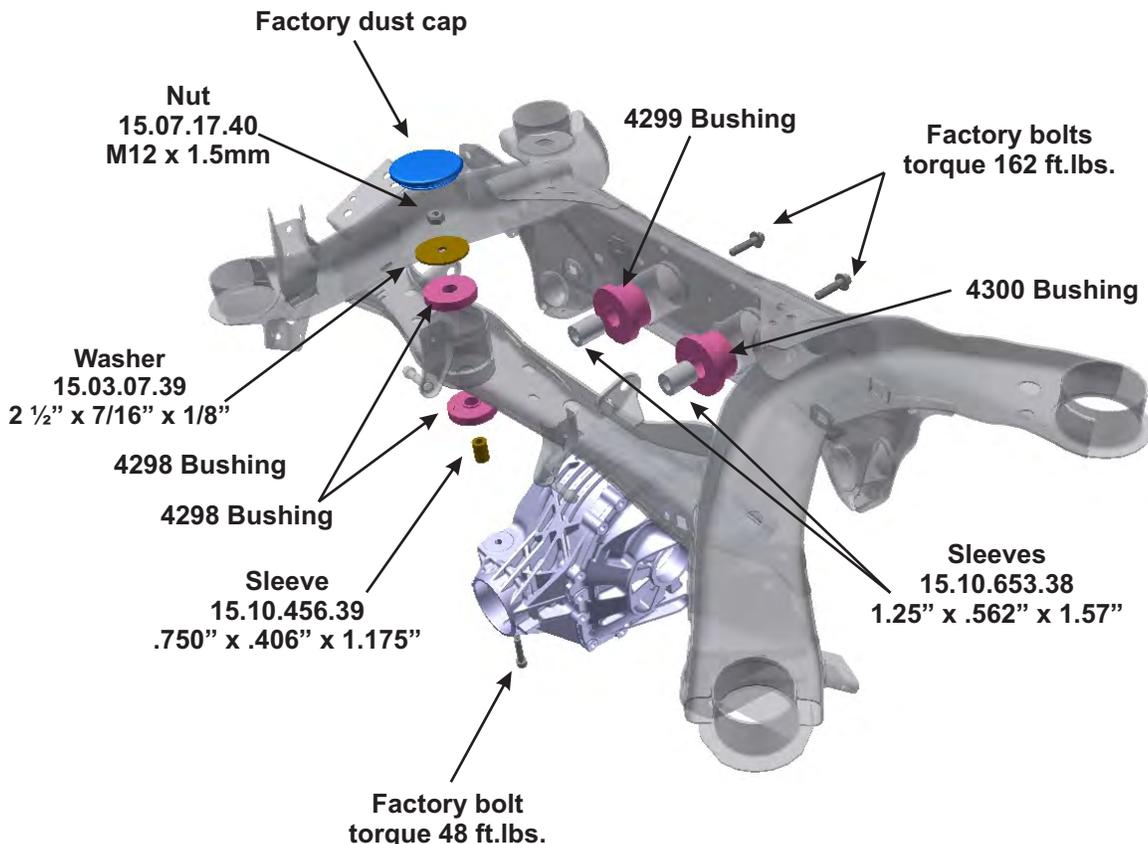
Tubing with an I.D. bigger than the O.D. of bushing coming out and the length should be about 1/2" longer than the bushing.

Factory bushing. (representation only)  
O.D. Ø2.600"  
long. 1.919"

Factory subframe. (representation only)

Nuts 2 each. Use grade 8 High Hex Nuts. The long length makes wrench-tightening easier.

## Rear Sub-Frame



17580  
11/JUN/13 BRH