

# Installation Instructions

## For Set # 3.1154

2007-10 Chevy/GMC 2500/3500 4WD  
Front Differential Mount Bushing Set



1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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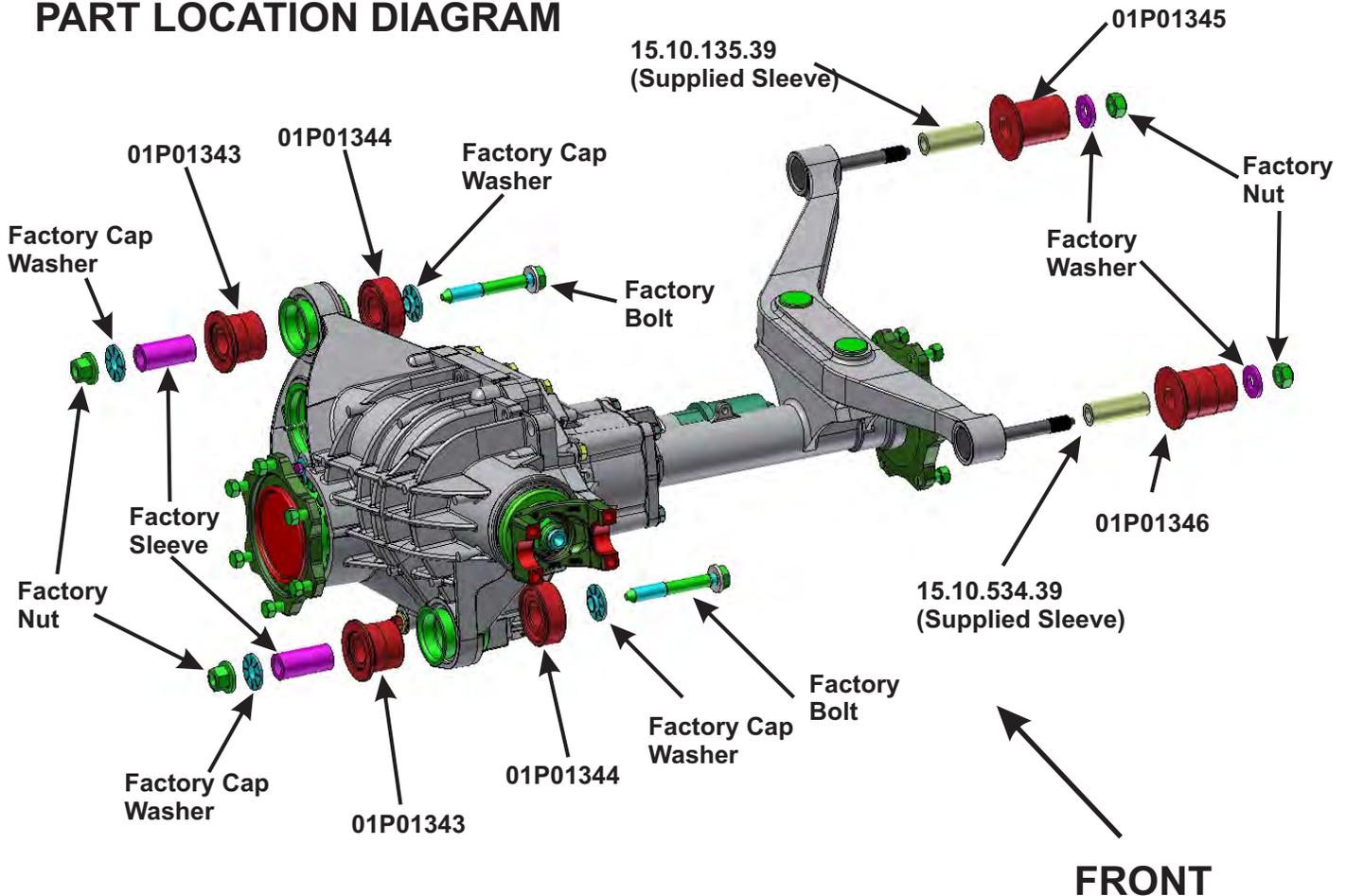
**READ FIRST:** It is recommended that if you are unfamiliar with this type of work that you refer to a qualified service center specializing in this type of work. It is also recommended that if you choose to do this work yourself that a factory service manual be obtained for the proper procedures pertaining 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 top 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.

### PARTS LIST:

- 2 - 01P01343 DIFF BUSHING DRIVER SIDE
- 2 - 01P01344 DIFF BUSHING DRIVER SIDE W/TW
- 1 - 01P01345 DIFF BUSHING PASSENGER SIDE FRONT
- 1 - 01P01346 DIFF BUSHING PASSENGER SIDE REAR
- 1 - 15.10.135.39 (SLEEVE .875 X .563 X 2.390)
- 1 - 15.10.534.39 (SLEEVE .875 X .563 X 2.440)

Use threaded rod, tubing, nuts & flat washers to remove the old factory rubber bushing from the outer metal shells. The old rubber bushings are not bonded to the outer metal shells. Spray with WD-40 to help press out the old rubber bushings. Insert the threaded rod thru the factory bushing and install a piece of tubing with an I.D. that fits over the flange O.D. of factory bushing. Next install the flat washer and nut. Tighten the back nut until the factory bushing is removed. (See page 2)

### PART LOCATION DIAGRAM



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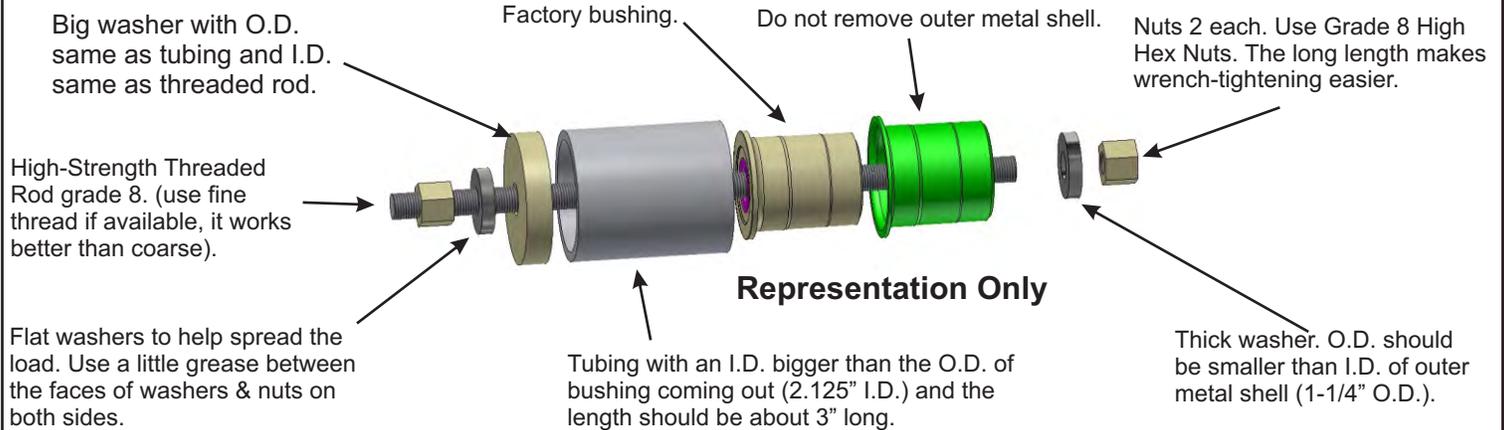
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**ENERGY**  
**SUSPENSION**

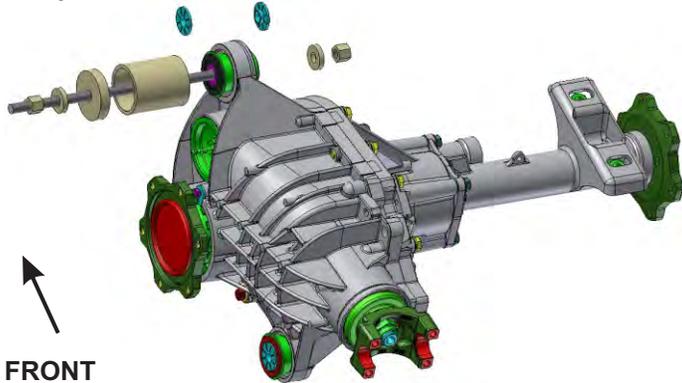
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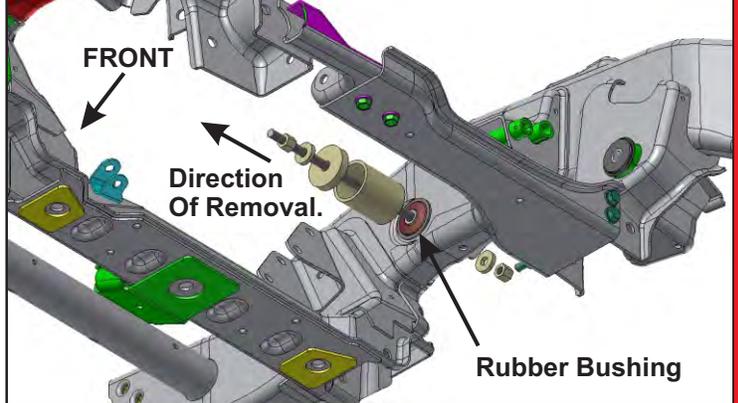
Bushing replacement isn't easy and getting the old bushings out is the hardest part. The parts you use don't have to be perfect or look pretty, they just have to work. Look in a hardware store, junk yard or salvage yard. Use whatever is available to you.



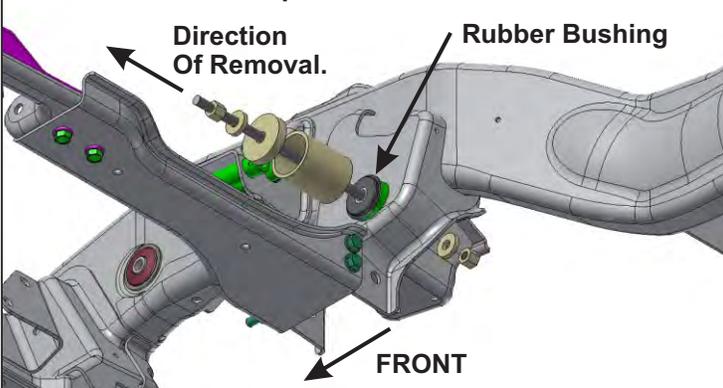
Use a hammer and punch to drive out the cap washers. Do not damage cap washers. They must be reused with the inner metal sleeve. Bushing removal is the same for both positions.



Passenger side frame bushing, front position. Do not remove outer metal shell. Old rubber bushing is not bonded to outer metal shell. Install 01P01345 with 15.10.135.39 into this position.



Passenger side frame bushing, rear position. Do not remove outer metal shell. Old rubber bushing is not bonded to outer metal shell. Install 01P01346 with 15.10.534.39 into this position.



### Fastener Tightening Specifications:

- Brake Hose Bracket Bolt - 80 Ft. -lbs.
- Brake Hose Clip Bolts - 106 Ft. -lbs.
- ESC Sensor Bracket Bolt - 18 Ft. -lbs.
- Front Tie Rod Jam Nut - 55 Ft. -lbs.
- Hub and Bearing Assembly to Steering Knuckle Bolts - 133 Ft. -lbs.
- Inner Axle Housing Nuts - 75 Ft. -lbs.
- Lower Ball Joint Stud Nut - 81 Ft. -lbs.
- Lower Control Arm to Frame Nuts - 129 Ft. -lbs.
- Shock Absorber Module to Frame Nuts - 37 Ft. -lbs.
- Shock Absorber Module to Lower Control Arm Bolt - 37 Ft. -lbs.
- Stabilizer Shaft Link Nuts - 124 Ft. -lbs.
- Suspension Position Sensor Bolt - 106 Ft. -lbs.
- Upper Ball Joint Stud Nut - 37 Ft. -lbs.
- Upper Control Arm to Frame Nuts - 140 Ft. -lbs.
- Upper and Lower Differential Carrier Assembly Bolts - 75 Ft. -lbs.
- Wheel Drive Shaft to Front Hub Nut - 177 Ft. -lbs.
- Wheel Drive Shaft Inboard Flange to Inner Axle Shaft Bolts - 58 Ft. -lbs.
- Wheel Lug Nut Torque - 140 Ft. -lbs.
- Wheel Speed Sensor Mounting Bolt - 13 Ft. -lbs.
- Yoke retainer bolts - 18 Ft. -lbs.