

OPEN FIRST!

Installation Instructions

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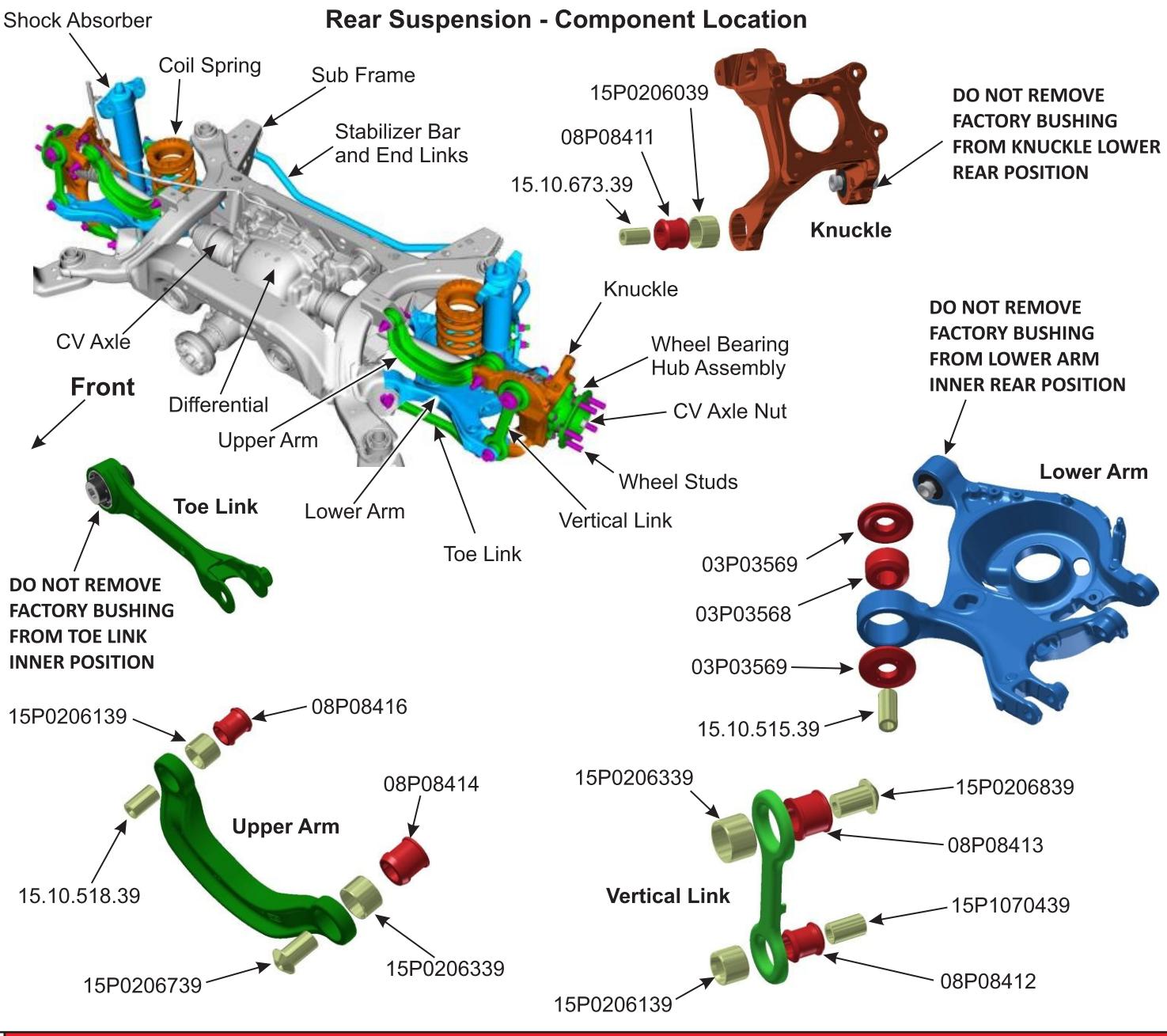
Rear Control Arm Bushing Set
2015+ Ford Mustang / Mustang GT

ENERGY SUSPENSION
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 top mechanical condition and that there are no suspension or steering related problems. These parts have 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:**Lower control arm front inner position to sub frame:**

- 4 EA 03P03569 Outer position.
 2 EA 03P03568 Inner position.
 2 EA 15.10.515.39 Sleeve (1.125" x .640" x 2.563").

Upper control arm outer position to upper knuckle:

- 2 EA 08P08414 Upper control arm bushing outer position.
 2 EA 15P0206339 Outer shell (1.772" x 1.563" x 1.140").
 2 EA 15P0206739 Flange head sleeve (2.125" O.A.L.).

Upper control arm inner position to sub frame:

- 2 EA 08P08416 Upper control arm bushing inner position.
 2 EA 15P0206139 Outer shell (1.409" x 1.126" x 1.060").
 2 EA 15.10.518.39 Sleeve (.875" x .500" x 1.565").

Vertical link upper position to front upper knuckle:

- 2 EA 08P08413 Upper vertical link bushing.
 2 EA 15P0206339 Outer shell (1.772" x 1.563" x 1.140").
 2 EA 15P0206839 Flange head sleeve (1.820" O.A.L.).

Vertical link lower position to lower control arm outer front position:

- 2 EA 08P08412 Lower vertical link bushing.
 2 EA 15P0206139 Outer shell (1.409" x 1.126" x 1.060").
 2 EA 15P1070439 Sleeve (.875" x .563" x 1.480").

Rear knuckle front lower position to outer toe link:

- 2 EA 08P08411 Front lower knuckle bushing.
 2 EA 15P0206039 Outer shell (1.926" x 1.643" x 1.190").
 2 EA 15.10.673.39 Sleeve (1.00" x .563" x 1.650").

Torque Specs:

NOTE: DO NOT REMOVE Toe link-to-Sub Frame Cam Adjusting Bolt and Nut. BUSHING NOT SUPPLIED.

Toe link-to-Knuckle Bolt and Nut: 129 lb.ft (175 Nm)

Upper Arm-to-Knuckle Bolt & Nut: 76 lb.ft (103 Nm)

Upper Arm-to-Sub Frame Bolt & Nut 85 lb.ft (115 Nm)

NOTE: Scribe around head of bolt & nut before removing Upper Arm-to-Sub Frame Bolt & Nut for use during assembly.

Knuckle-to-Lower Arm Bolt 203 lb.ft (275 Nm)

Knuckle-to-Toe Link Bolt & Nut 129 lb.ft (175 Nm)

Parking Brake Cable Bracket Bolt 21 lb.ft (28 Nm)

Wheel Speed Sensor Bolt 80 lb.in (9Nm)

Vertical Link-to-Knuckle Bolt 76 lb.ft (103 Nm)

Vertical Link-to-Lower Arm Bolt 129 lb.ft (175 Nm)

Rearward Lower Arm-to-Sub Frame Bolt 184 lb.ft (250 Nm)

Lower Arm-to-Knuckle Bolt 203 lb.ft (275 Nm)

Forward Lower Arm-to-Sub Frame Bolt 166 lb.ft (Nm)

Stabilizer Bar Bracket Bolts 52 lb.ft (70 Nm)

Stabilizer Bar End Link Nuts 85 lb.ft (115 Nm)

Lower Shock Absorber-to-Lower Arm Bolts 35 lb.ft (48 Nm)

Wheel Bearing Hub Bolts 98 lb.ft (133 Nm)

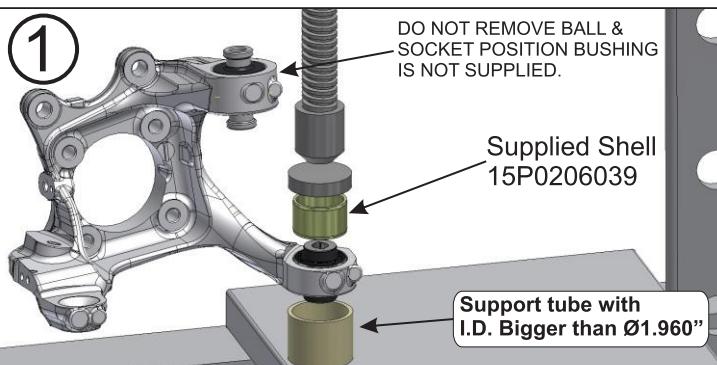
NOTE: Tighten Wheel Bearing Hub Bolts in a cross pattern.

CV Axle Spindle Nut Stage 1: 98 lb.ft (133 Nm) Stage 2: +45°

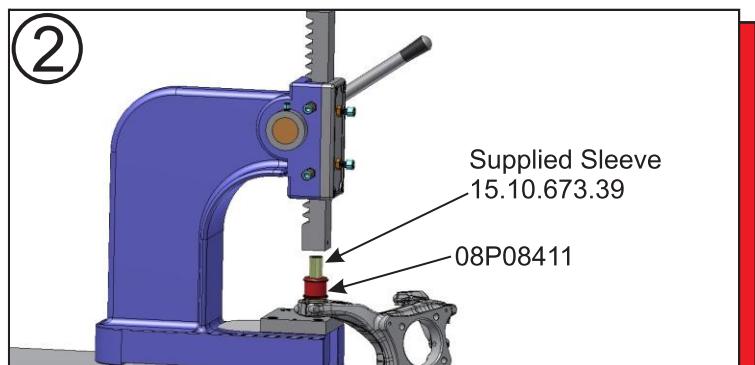
Brake Caliper Bolts 24 lb.ft (32 Nm)

Brake Caliper Anchor Plate-to-Knuckle Bolts 129 lb.ft (175 Nm)

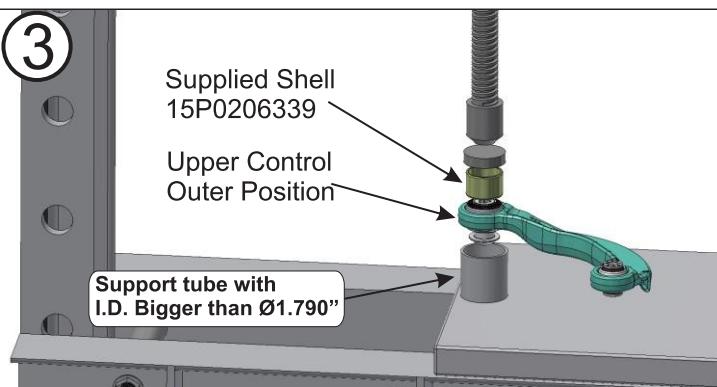
NOTE: This instruction set is intended as a guideline for the safe installation of Energy Suspension's polyurethane bushings, once you have removed the factory components from your vehicle



Using a hydraulic press and supplied shell 15P0206039, properly support knuckle and slowly press out the rubber bushing with bonded outer metal casing with supplied shell. Be sure the shell is centered evenly into the knuckle. DO NOT remove factory ball & socket position, a replacement is not supplied in this set.

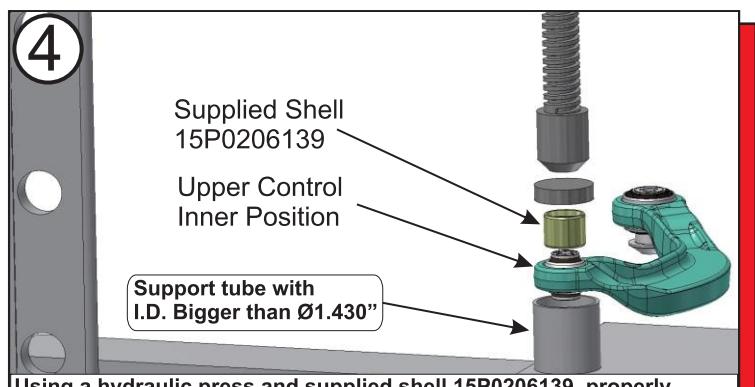


Grease the I.D. of shell, I.D. & O.D. of bushing and O.D. of sleeve. Press in bushing 08P08411 first then press in the inner metal sleeve.



Support tube with I.D. Bigger than Ø1.790"

Supplied Shell 15P0206339
Upper Control Outer Position



Using a hydraulic press and supplied shell 15P0206139, properly support the control arm inner position and slowly press out the rubber bushing with bonded outer metal casing with supplied shell. Be sure the shell is centered evenly into the control arm.

