OPEN FIRST!

Installation Instructions

20.3105
Front Control Arm Bushing Set
2015-2024 TESLA MODEL X

1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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It is recommended that if you are unfamiliar with this 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 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 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 factory original suspension components on a vehicle that is in good state of repair. No matter how carefully we design our parts, we have no control over and cannot be held responsible for vehicle condition.

Parts List:

4 - 03P03687 RR Lower control arm outer bushing.
4 - 03P03738 FRT Lower control arm outer bushing
4 - 03P03688 Lower control arm inner bushing.
4 - 03P03689 Upper control arm bushing.
4 - 15P1079638 Lower control arm sleeve.
4 - 15P1081838 Upper control arm sleeve.
4 - 9.11107 Grease

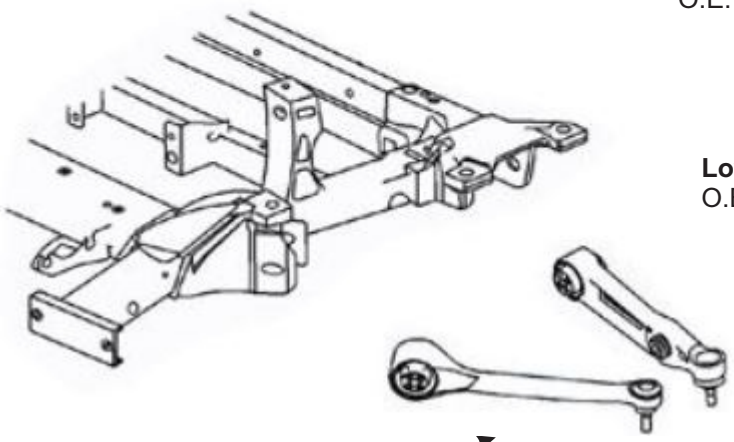
Front Suspension - Component Location



Front Upper Control Arm.
O.E. metalshells to remain and be reused.

FRONT SUBFRAME

FRONT



Lower Control Arm.
O.E. metal shells must be removed

Lower Control Arm. O.E. metal shells must be removed.

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 according to the vehicle service manual.

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Use a hydraulic press or arbor press to remove OEM bushings and metal shells.



Grease all sides of the bushing that will contact metal and press in the Outer Bushing.



Grease all sides of the bushing that will contact metal and press in the Inner Bushing.



Grease all sides of the bushing that will contact metal and press in the Outer Bushing. Lastly, grease OD of Sleeve and press into the new bushings.

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The pictures below are for reference and are not Tesla parts.

The OEM Upper Control Arm Bushings must be burned out using a torch so the OEM shell can be reused. Heat the outside of the Control Arm Eye until the bond between the rubber and steel is broken. Once this occurs, the rubber bushing and metal sleeve can be easily removed.

Exercise caution when removing the bushing to avoid burning yourself and others.

Clean the remaining rubber from the inside of the OEM shell using a wire brush and let the parts cool before installing the new Polyurethane bushings. Grease all surfaces of the new bushings (03P03738) that will contact metal and OD of new sleeves (15P10818). Press in bushings, followed by sleeves.





Tighten all fasteners to factory specs. After installation is complete, Energy Suspension recommends an alignment be performed at a qualified alignment shop. Check all fasteners after 100, 200 and 500 miles and tighten to factory specs.