

Installation Instructions

For Set # 20.3103
2017-22 TESLA MODEL 3 & Y
Front Control Arm Bushing Set
(Lowers Only)

ENERGY
SUSPENSION

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 - 03P03721 Front lower control arm bushing Front Position.
- 4 - 03P03707 Front lower control arm bushing Rear Position.
- 2 - 08P08456 Front lower strut bushing, outer.
- 2 - 08P08457 Front lower strut bushing, inner.
- 2 - 15P0816539 Cross pin.
- 2 - 15P1078839 Sleeve, steel 1.13" X .56" X 2.52".
- 2 - 15P1080338 Sleeve, aluminum 1.40" X .56" X 2.35".

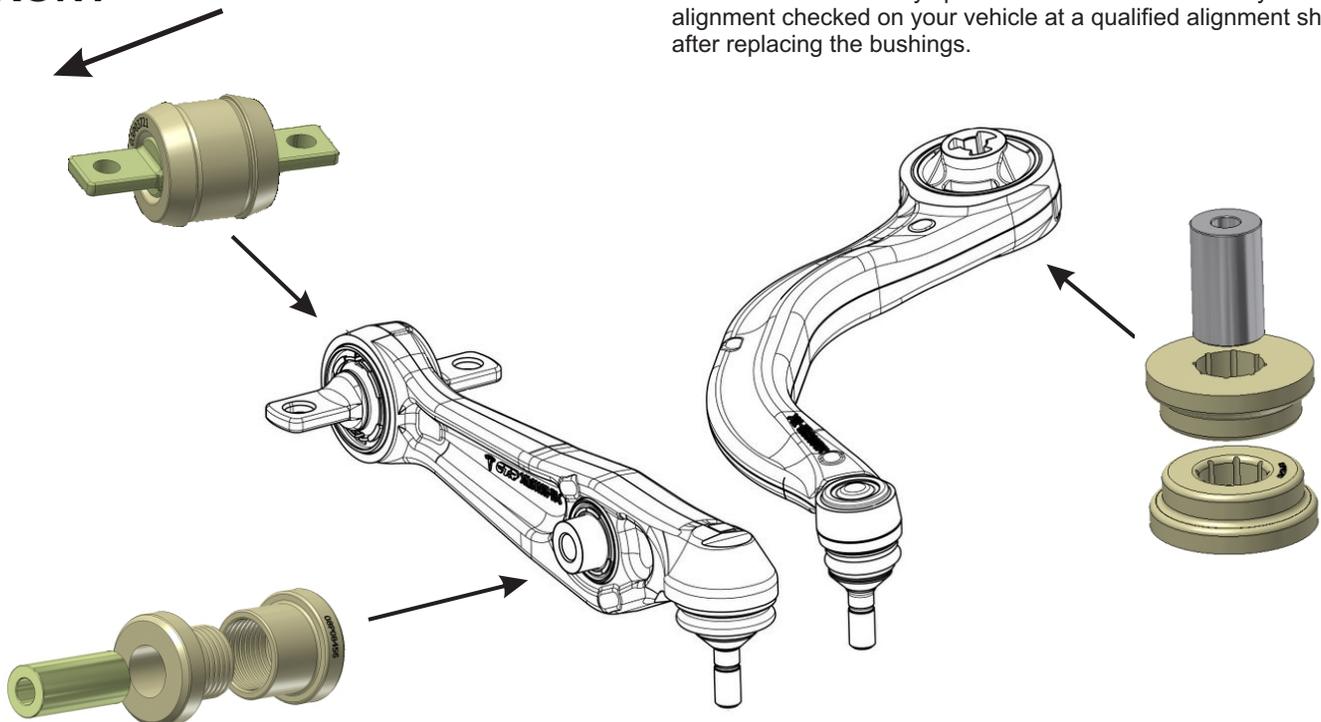
FRONT LOWER CONTROL ARM BUSHINGS REMOVAL/INSTALLATION

ATTENTION: We recommend acquiring a Tesla factory workshop manual for all warnings and procedures to safely remove and install of the lower control arms.

REMOVAL: Properly lift and support the vehicle with jack stands. Remove both front wheels. Remove the front lower control arms. The outer metal shells must be removed for this bushing kit to fit properly. To remove the factory rubber bushings you will have to support the control arm and press down on the outer metal shell. Use a hydraulic press, support the control arm and press the outer metal shell out. Use emery paper to remove the sharp edges from the control arms. Grease the I.D. of the control arms, the I.D. & O.D. of the new polyurethane bushings and the O.D. of the new pin or sleeves. Use an arbor press to install the new polyurethane bushings. Reinstall the control arms into the vehicle and torque all nuts and bolts to factory specs. It is recommended that you have the alignment checked on your vehicle at a qualified alignment shop after replacing the bushings.

PART LOCATION DIAGRAM

FRONT



17P17769

ECN 24017 7/AUG/24 BRH