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Service Tips and Best Practices

Front Lower Forward and Front Lower Rearward Control Arm Installation: 2020-2012 Tesla Model S & 2021-2016 Tesla Model X

Brand	Supreme	Product	Control Arms	Date	July 2021
Part Number(s)	CMS95126/CMS95127/CMS95128				

Installation Notes: General

- Discard old nuts and bolts. Do not reuse hardware.
- Inspect all mating surfaces and replace mating components if damaged or out of specification conditions are found.
- Remove all rust, burrs and other contaminants from the steering knuckle bore and other mating surfaces.
- Replace the steering knuckle if the ball joint stud is broken, bent or loose, or if the tapered mating surfaces of the steering knuckle bore are deformed or damaged.
- Place a witness mark on the cam bolt to aid installation of replacement component.
- Use only a calibrated torque wrench for all fastening procedures at correct preloaded vehicle ride height.
- If vehicle is equipped with air suspension, deflate both front air bags before commencing repair.
- Perform 4-wheel vehicle alignment after repair.



Installation Notes: Control arm to Steering Knuckle

- **See Figure 1** for control arm to steering knuckle fastening values.

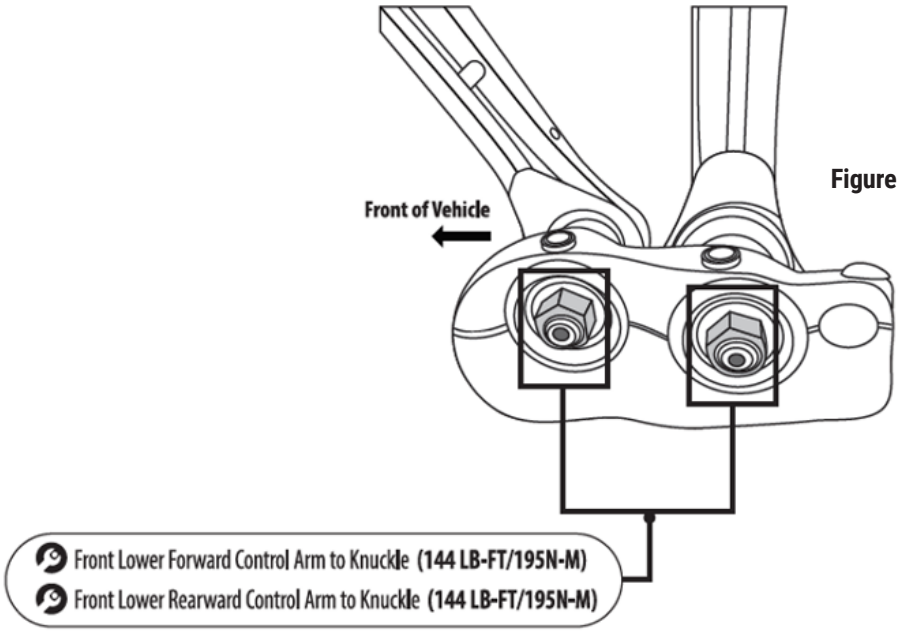


Figure 1.

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Installation Notes: Control Arm to Vehicle Frame

- **See Figure 2** for control arm to vehicle frame fastening values.

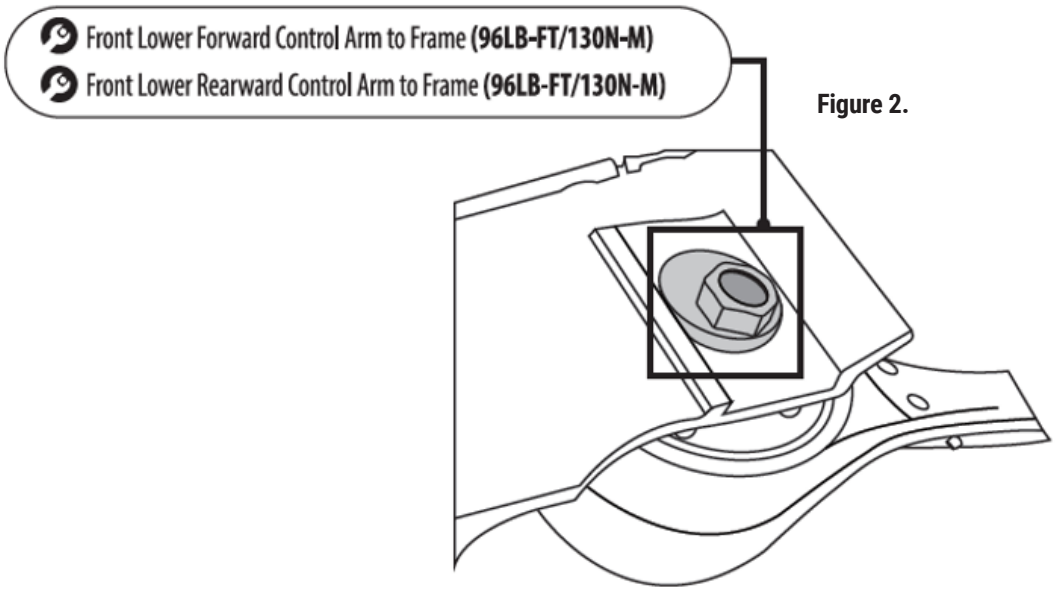


Figure 2.

Always reference original factory service manual for proper diagnostic, removal and replacement procedures, as well as all related specifications and values.

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