MEVOTECH

MEVOTECH INSIDER

Service Tips and Best Practices

Correct Installation Orientation: 2020-2017 Chrysler Pacifica Front Lower Control Arm to Steering Knuckle Fastening Bolt

Brand	Supreme	Product	Control Arm	Date	July 2022
Part Number(s)	CMS251239/CMS251240				

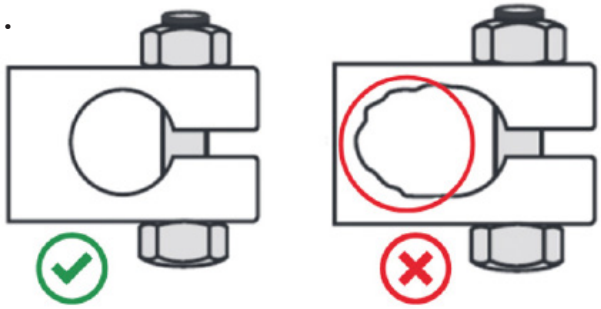
To ensure proper clearance between components, the control arm to steering knuckle fastening pinch bolt for the applications associated with below noted part numbers must be installed using the correct orientation.

Part Number:
CMS251239
CMS251240

For a successful repair outcome, adhere to the following:

- Discard old nuts and bolts. Do not reuse hardware. Ensure to renew hardware
- Do not use a heat source to aid in removal of a pinch bolt. This can warp/distort or otherwise damage the steering knuckle bore and or ears.
- Do not use a hammer to apply blunt force to aid in removal or installation of a pinch bolt. This can warp distort or otherwise damage the knuckle bore and or ears.
- Do not pry or otherwise forcefully spread open knuckle ear. This may push the ear beyond its stretch yield point.
- Inspect knuckle ear for abnormal wear, enlargement, "out of roundness" and or other signs of damage. Replace knuckle if these are found. Failure to do so may reduce replacement part service life. **See Figure 1**.

Figure 1.



WE SUPPORT ASE CERTIFICATION

DISCLAIMER: The information in this communication is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain vehicles. Refer to original manufacturers service manual for proper torque specifications and removal/installation procedures. All content in the publication is provided as-is and without warranty. All care has been taken to ensure the accuracy of the information presented. The publisher assumes no responsibility or liability for any loss or damage, direct, indirect or consequential, arising from the use of the information contained herein.

Correct Installation Orientation: 2020-2017 Chrysler Pacifica Front Lower Control Arm to Steering Knuckle Fastening Bolt

- Remove all rust, burrs and other contaminants from the knuckle bore, ears and other mating surfaces.
- Only use a calibrated torque wrench for all fastening procedures.
- Do not overtighten. This may cause damage to knuckle ears. **See Figure 2**.

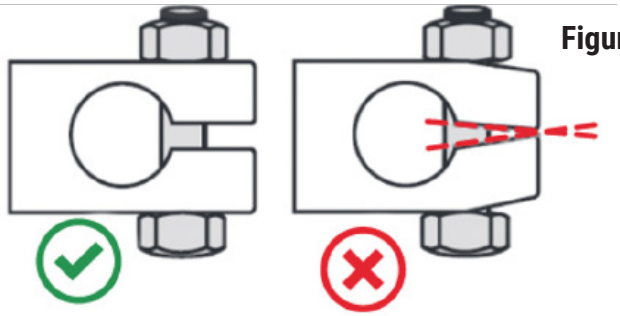


Figure 2.

- Only use a calibrated torque wrench for all fastening procedures.
- Locate new fastening pinch bolt and nut. Mevotech Supreme control arm assemblies CMS251239 and CMS251240 include a replacement anti-corrosion coated pinch bolt and nut.
- Replacement bolt must be installed so that head of bolt is orientated towards brake caliper to prevent interference with surrounding components. **See Figure 3**.

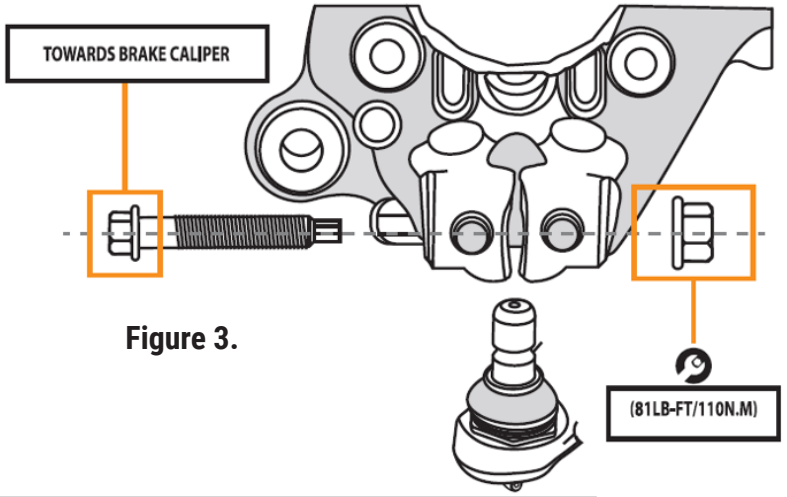


Figure 3. Correct replacement bolt and nut orientation

Figure 3.

Always ensure to refer to the factory service manual for correct diagnostic procedures, component removal and installation methods and fastening torque values and procedures where applicable. Only use a calibrated torque wrench for final fastening.

WE SUPPORT ASE CERTIFICATION

DISCLAIMER: The information in this communication is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain vehicles. Refer to original manufacturers service manual for proper torque specifications and removal/installation procedures. All content in the publication is provided as-is and without warranty. All care has been taken to ensure the accuracy of the information presented. The publisher assumes no responsibility or liability for any loss or damage, direct, indirect or consequential, arising from the use of the information contained herein.