MEVOTECH INSIDER
Service Tips and Best Practices

Subaru WRX STI (GD Chassis) Front Lower Control Arm Identification

Brand	Supreme	Product	Control Arm	Date	October 2021
Part Number(s)	CMS80166/CMS80167				

Depending on factory trim package and any subsequent modifications, the application below may be equipped with one of two visually similar but distinct front lower control arm types. The two different types are distinguished by Non-Caster Adding and Caster Adding function.

Part Numbers
2007-2004 Subaru WRX & WRX STI

When ordering a replacement front lower control arm, it is recommended that the Professional Technician visually verify which type is required. This will help to ensure a frustration-free repair outcome and retain the existing vehicle caster profile.

To determine the front lower control type, follow the inspection procedure below:

Non-Caster Adding

- A Non-Caster Adding front lower control arm will be characterized by a straight leading edge on the control arm body. **See Figure 1**.
- Use Mevotech Supreme replacement front lower control arms with the part numbers CMS80166 and CMS80167 if a Non-Caster Adding front lower left or right control arm is required.

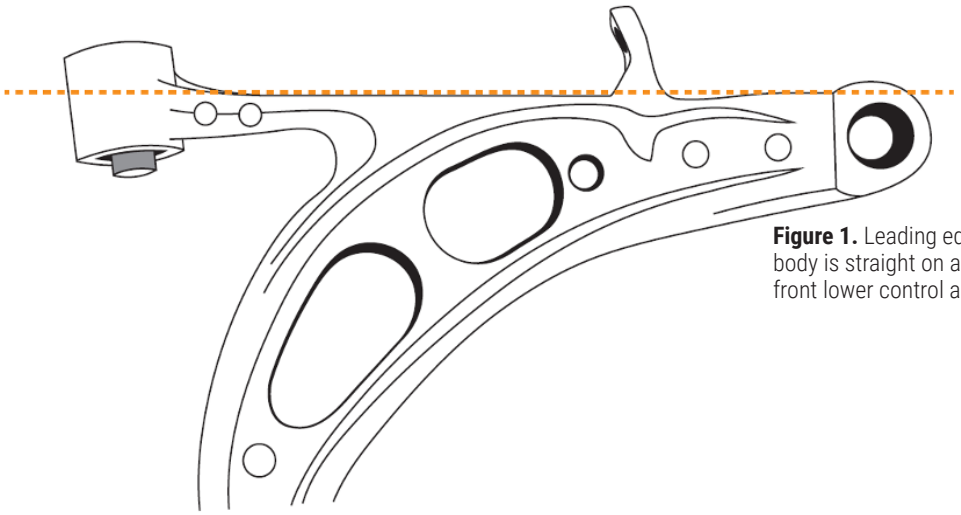


Figure 1. Leading edge of control arm body is straight on a Non-Caster Adding front lower control arm

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Caster Adding

- A Caster Adding front lower control arm will be characterized by a slight indent on the leading edge of the control arm body. This indent pushes the ball joint forward relative to the chassis for additional positive caster. **See Figure 2.**

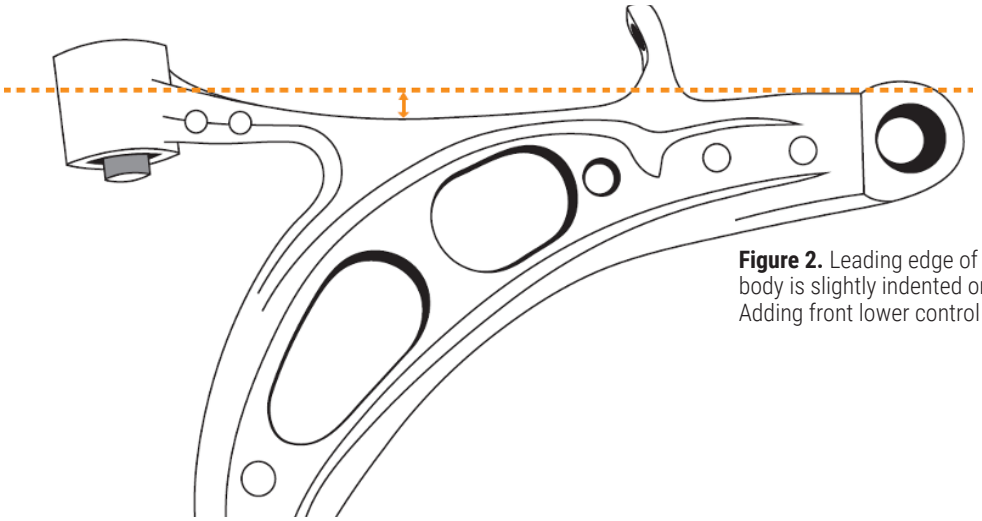


Figure 2. Leading edge of control arm body is slightly indented on a Caster Adding front lower control arm

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

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