

Front Camber and Caster Adjustment

Special Tool(s) / General Equipment

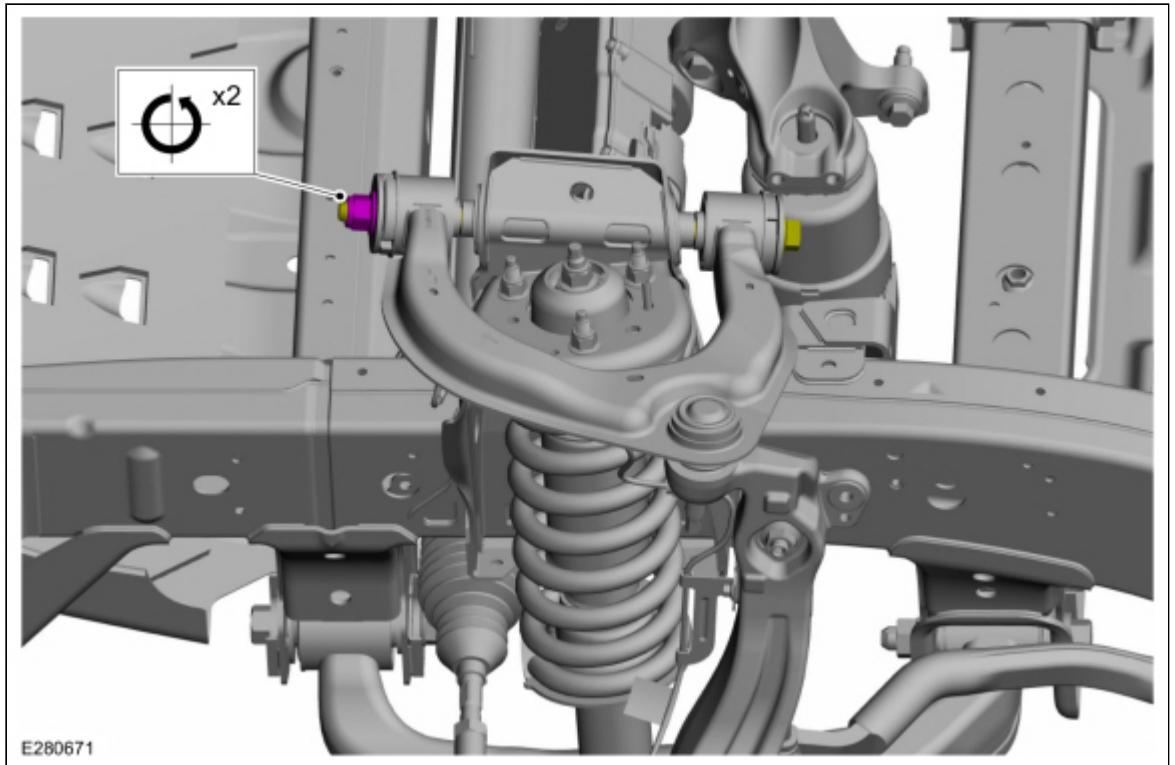
Wheel Alignment System

Adjustment

NOTICE: Suspension fasteners are critical parts that affect the performance of vital components and systems. Failure of these fasteners may result in major service expense. Use the same or equivalent parts if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Tighten fasteners as specified.

1. Using alignment equipment and the manufacturers instructions, measure the front caster and camber.
 - For optimal alignment settings,
Refer to: [Specifications](#) (204-00 Suspension System - General Information, Specifications).
 - If the caster and camber values are not within specification, go to the next step.
Use the General Equipment: Wheel Alignment System

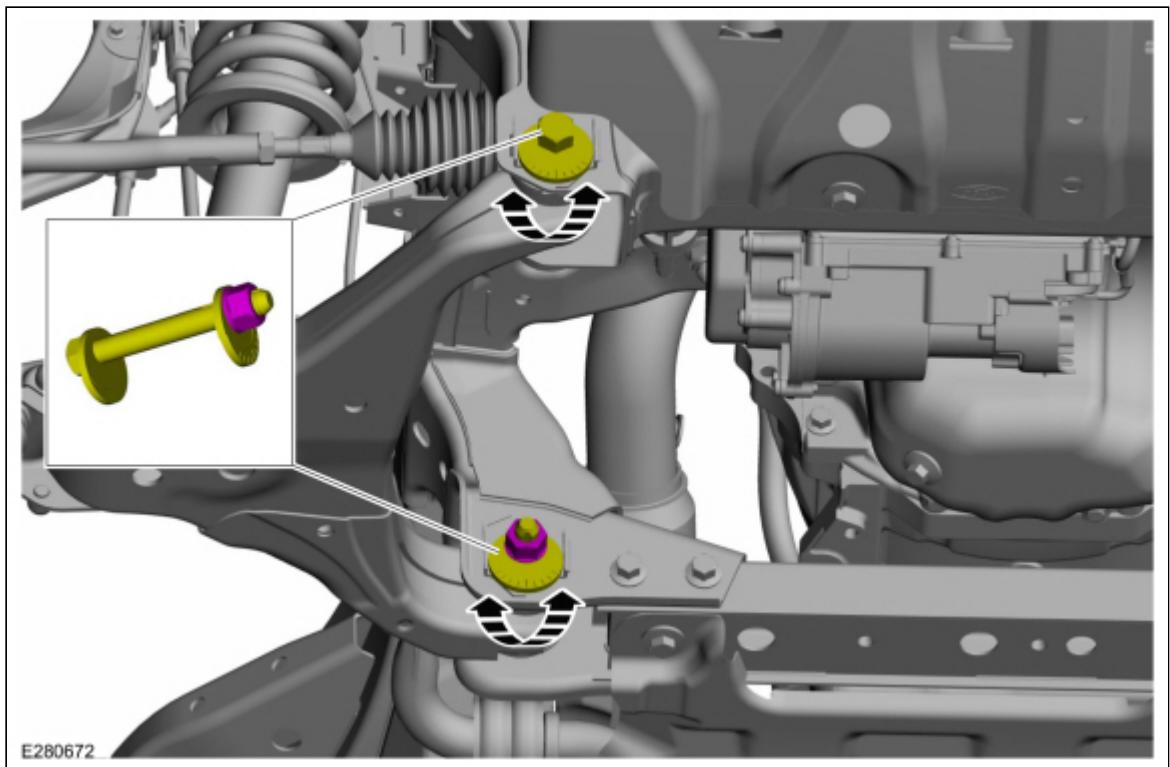
2. Loosen the upper arm nut.



3. **NOTE: Only tighten the nuts and bolts finger tight at this stage.**

On both sides.

Loosen the lower arm bolt(s) and adjust the caster and camber settings according to manufacturer's instructions.



4. To adjust the caster and camber, refer to the following chart.

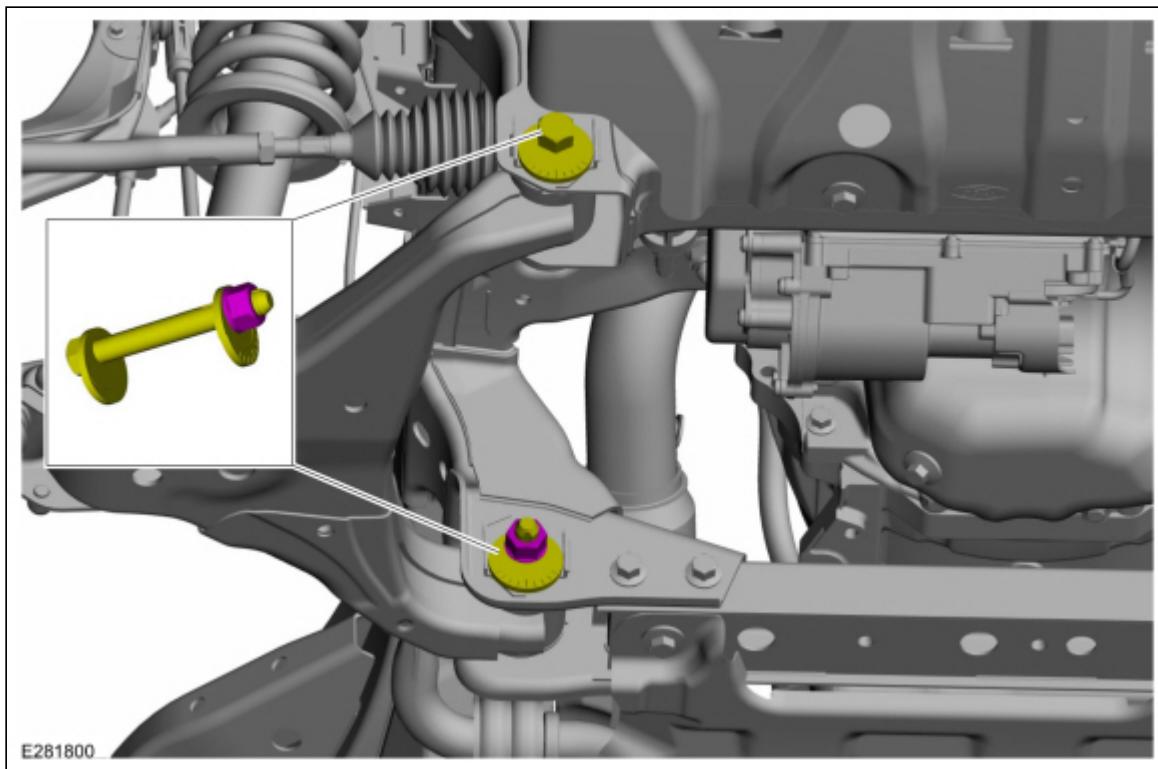
- Adjustments that require moving the front and the rear of the lower arm should be made equally.

Adjustment	Front of Lower Arm	Rear of Lower Arm
Increase caster	In	Out
Decrease caster	Out	In
Increase camber	In	In
Decrease camber	Out	Out
Increase caster and camber simultaneously	In	—
Decrease caster and camber simultaneously	Out	—

5. On both sides.

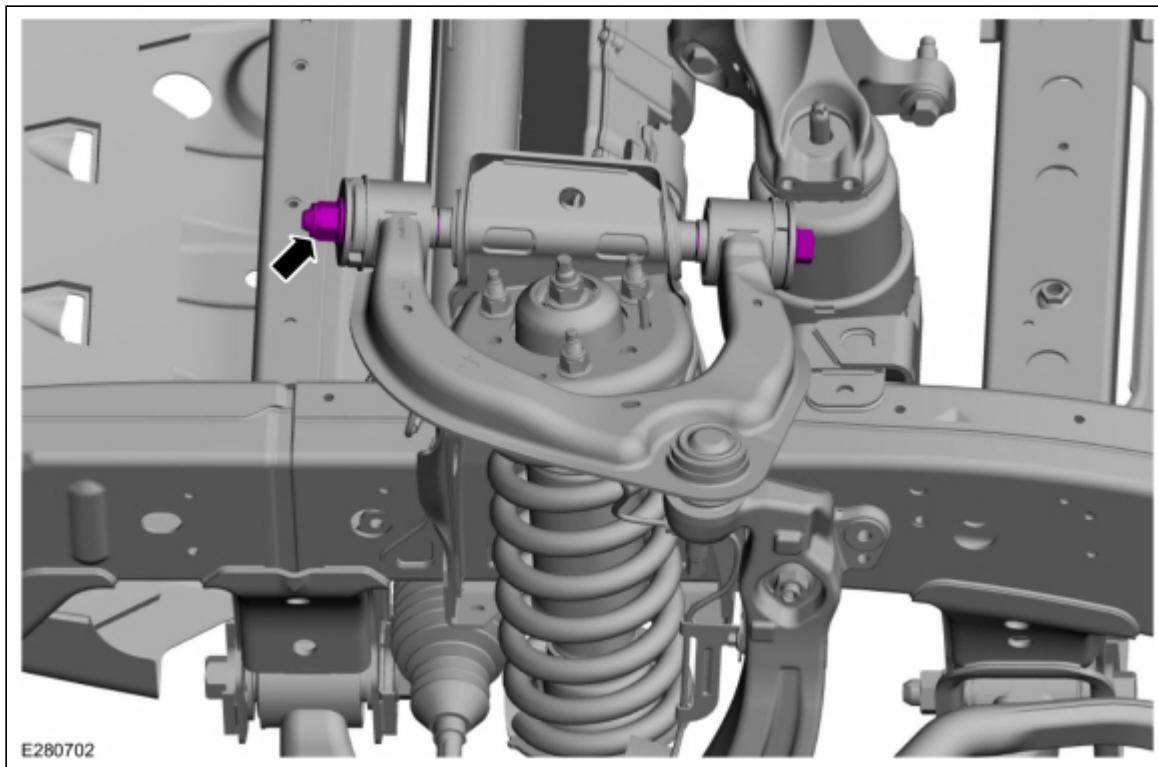
With the weight of the vehicle resting on the wheel and tire assemblies, hold the cam bolts and tighten the nuts.
Torque: 192 lb.ft (260 Nm)





6. On both sides.

With the weight of the vehicle resting on the wheel and tire assemblies, tighten the upper arm shaft bolt and nut.
Torque: 122 lb.ft (165 Nm)



7. Check and if necessary, adjust front toe.

Refer to: [Front Toe Adjustment](#) (204-00 Suspension System - General Information, General Procedures).

