

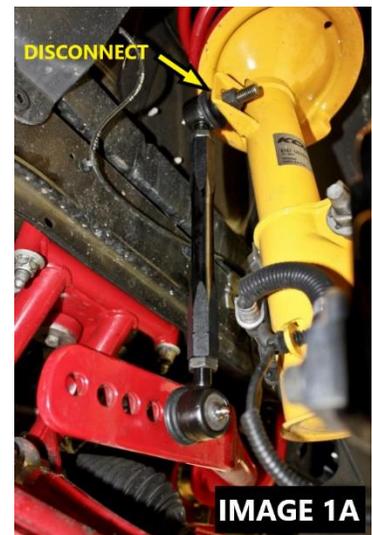
## Caster Camber Plate Installation Instructions

### TOOLS REQUIRED:

- Hydraulic jack and jack stands
- Metric socket and wrench set
- Spring Compressor

### INSTALLATION

1. Lift the front of the vehicle and safely support on jack stands. Remove both front wheels.
2. Use an 18mm wrench to disconnect the sway bar endlink from the strut **IMAGE 1A**  
If the stud spins inside the endlink, use an 8mm wrench to hold the stud while loosening the nut.
3. Using an 18mm socket remove the lower strut mount bolts **IMAGE 1** and support the spindle as not to overextend the balljoint and brake hose
4. Carefully remove the upper strut mount nuts (**IMAGE 2**) and be ready to catch the strut so it does not fall out of the vehicle.
5. Use a spring compressor to take tension off the spring hat and remove the nut at the top of the strut with a 19 mm socket.
6. Remove and discard the factory upper strut mount, but leave the rubber spring isolator on the spring.



[WWW.BMRSUSPENSION.COM](http://WWW.BMRSUSPENSION.COM)

*This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, Buyer assumes all risk of any damage caused to the vehicle or person during installation or use of this product.*

## Caster Camber Plate Installation Instructions

7. Assemble the caster camber plate as shown in **IMAGE 3** be sure to line up the notches cut in the front of each of the components.
8. Install the caster camber plate onto the top of the strut with the stepped spacer going into the top of the bearing.

**NOTE:** The stainless-steel spacers that are not stepped (**IMAGE 4**) can be placed above the stepped spacer to increase spring preload for stiff springs with lowered ride heights. Placing those spacers below the caster camber plate will increase extension travel.

9. Tighten strut nut to **76 ft lbs**. Once completed, the assembled caster camber plate should resemble **IMAGE 5**



[WWW.BMRSUSPENSION.COM](http://WWW.BMRSUSPENSION.COM)

*This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, Buyer assumes all risk of any damage caused to the vehicle or person during installation or use of this product.*

## Caster Camber Plate Installation Instructions



10. Push the studs through the holes in the strut tower and install the nuts and washers on the top. **IMAGE 6**

11. Guide the spindle into the strut opening and insert the bolts. Torque to **166 ft lbs**

12. Reinstall the front wheels and lower the car.



[WWW.BMRSUSPENSION.COM](http://WWW.BMRSUSPENSION.COM)

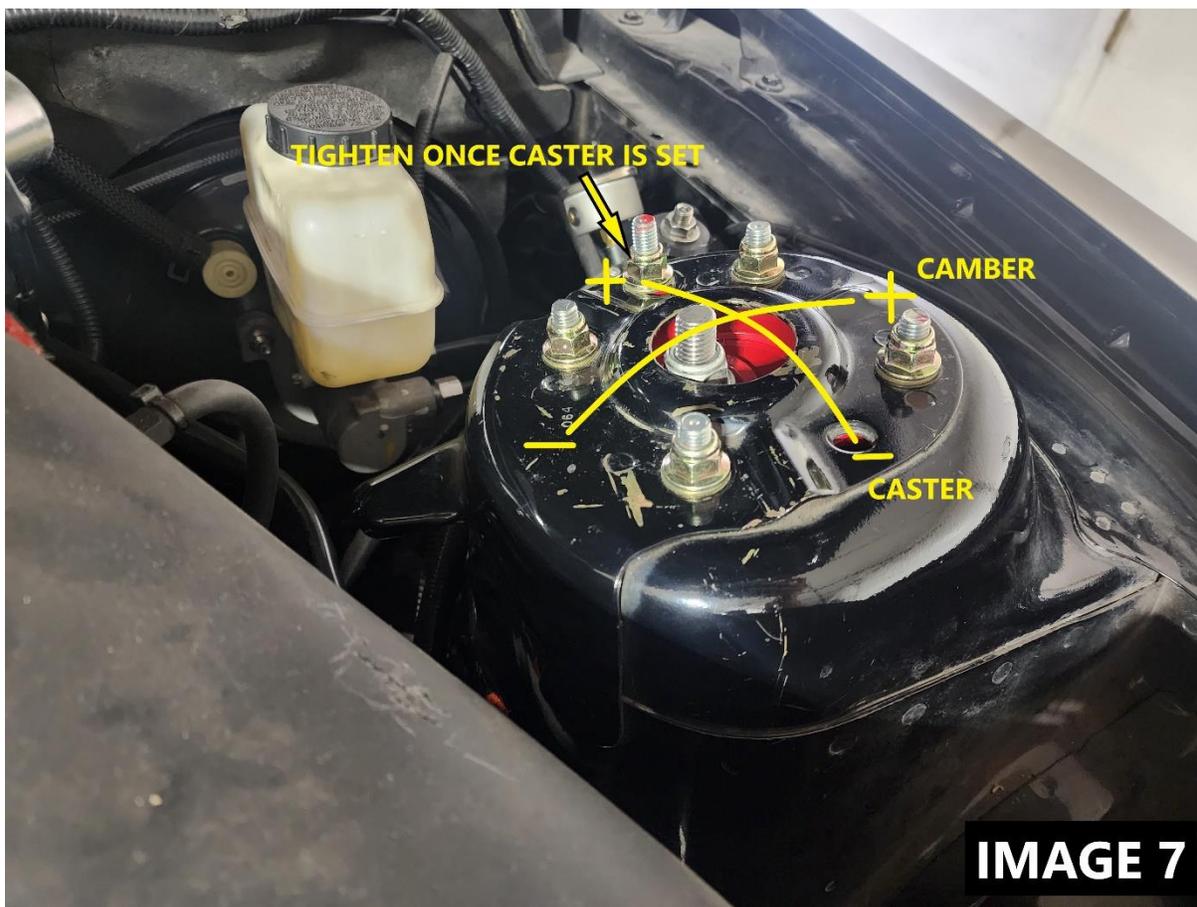
*This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, Buyer assumes all risk of any damage caused to the vehicle or person during installation or use of this product.*



## Caster Camber Plate Installation Instructions

13. To set the alignment, loosen all 5 caster camber nuts until you have the caster alignment where you want it. **IMAGE 7** Recommended alignment settings are below. Once caster is set, torque the rearmost bolt to **26 ft lbs**. Next adjust the camber alignment. Once set, torque the remaining nuts to **26 ft lbs**.

**NOTE:** It is necessary to have the vehicle professionally aligned after installation. If additional camber alignment is needed, camber bolt, part number **FC001** may also be used.



[WWW.BMRSUSPENSION.COM](http://WWW.BMRSUSPENSION.COM)

*This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, Buyer assumes all risk of any damage caused to the vehicle or person during installation or use of this product.*