

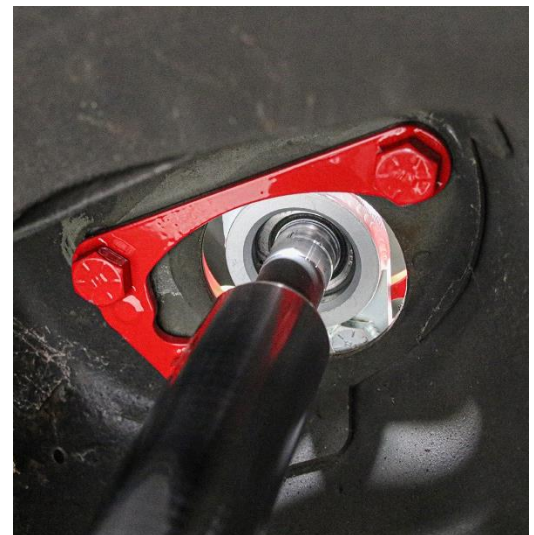
Caster Camber Plates Installation Instructions

Required tools:

- Basic hand tools and a socket set
- Hydraulic jack
- Jack stands
- Coil Spring Compressor (Recommended)

Instructions:

1. Before beginning the installation process, measure the upper strut mount height as shown in **IMAGE 1**. You will need to remember this number for later in the install.
2. Raise vehicle with hydraulic jack, support with jack stands and remove the front wheels.
3. Remove sway bar end links using a **9/16" socket and wrench**, to allow each control arm to articulate individually.
4. Using a coil spring compressor, compress the spring in the control arm to release tension on the upper strut nut.
5. If you do not have a spring compressor, you can use a hydraulic jack under the control arm to compress the spring slightly. Be careful not to lift the entire car on the control arm. This can cause the vehicle to fall from the jack stands.
6. While the spring is compressed, loosen the nut on the top of the strut using a **21mm socket**. You may have to hold the shock shaft in order to loosen the nut.
7. With the shock nut removed, remove the **three (3) 18mm nuts** holding the upper strut mount to the strut tower.
8. Remove the strut mount and the lower stud plate.
9. Install the BMR nut plate from the bottom. **IMAGE 2**

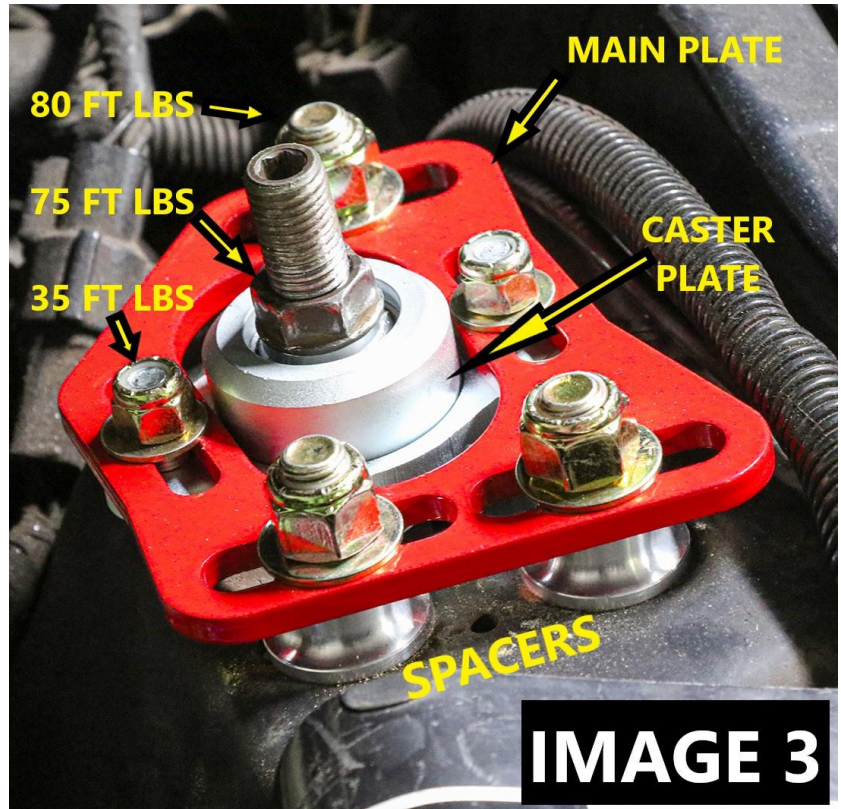


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10. Center the strut rod in the hole and place the reducer and the caster bearing onto it.
11. Place the spacers on the studs and put the main plate onto it.
12. Use the supplied 3/8" nuts and washers to hold the main plate onto the caster plate studs. Use the 1/2" nuts and washers to hold the main plate onto the studs. Do not final torque it at this time.



13. Measure the upper strut mount height as done in **step 1**. The supplied 1/2" and 1/4" spacers can be used to shim the installed height down. These spacers may need to be removed if the vehicle has been lowered to prevent bottoming out.
14. A professional alignment will be required after installation, but an angle finder can help get the caster and camber close to complete the installation.
15. Once you have the strut positioned where you want it and both sides are even, lock down the nuts to the following torque specs
16. Reinstall the wheels and lower the vehicle off the jack.

Torque Specs:

Strut Nuts: 75 ft lbs

Camber Nuts (1/2"): 80 ft lbs

Caster Nuts (3/8"): 35 ft lbs

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