



Caster Camber Plate Installation Instructions

WAK752– 2005-2014 Mustang

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. Remove and discard the factory assembly and strut mount.



IMAGE 1

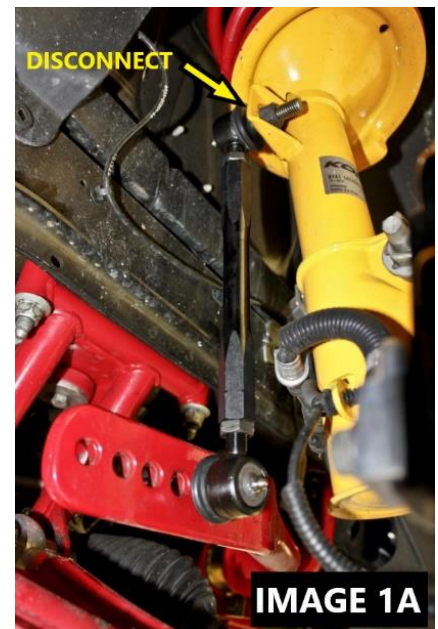


IMAGE 1A



IMAGE 2

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6. Verify that the caster camber plate is assembled as shown in **IMAGE 3** be sure to line up the notches cut in the front of each of the components.
7. Install the caster camber plate onto the top of the coil over with the appropriate reducer sleeve, two are provided. **One has a 14mm ID and the other has a 16mm ID. Use the appropriate sleeve that fits your coil-over's main shock shaft. Tighten the main nut to the coil-overs recommended spec.**



8. Install the assembly in the car by pushing the studs through the holes in the strut tower and install the nuts and washers on the top. Leave the nuts loose. **IMAGE 4**

(NOTE: ROUGHLY CENTER THE SHOCK SHAFT IN THE HOLE IN THE STRUT TOWER UNTIL HAVING YOUR VEHICLE PROFESIONALLY ALIGNED)

9. Guide the spindle into the strut openings on the lower portion of the coil over and insert the bolts. Torque to **166 ft lbs**



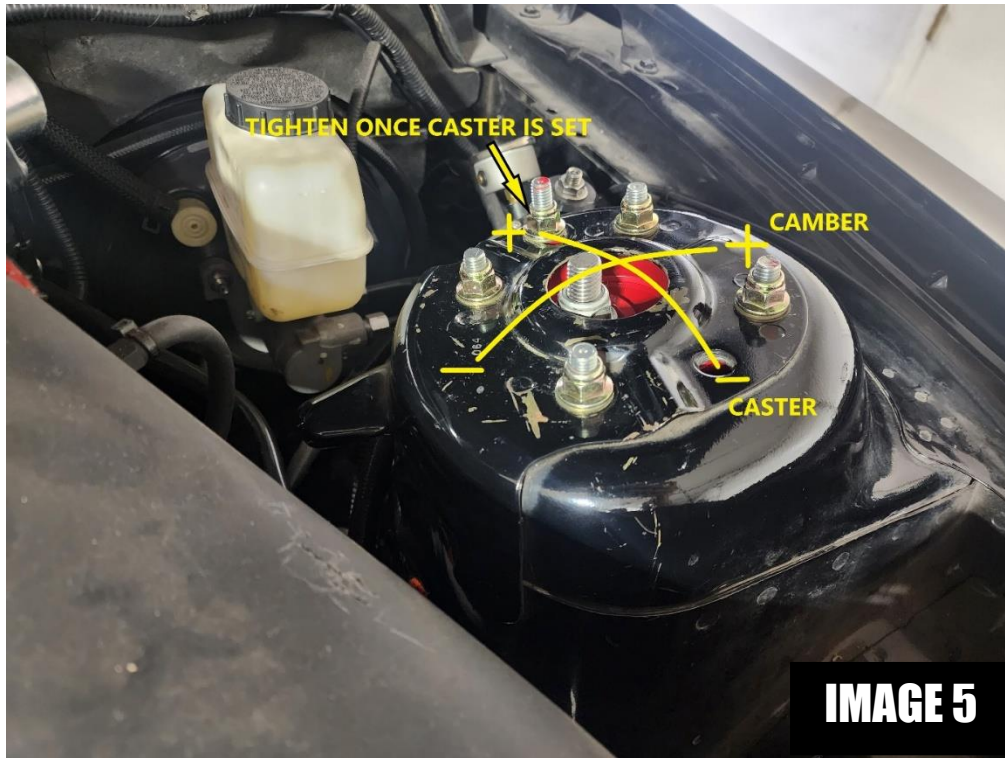
10. Once the spindle and coil over are assembled, tighten the upper strut mount nuts to 38ftlbs.
11. Reinstall the front wheels and lower the car.
12. To set the alignment, loosen all 5 caster camber nuts until you have the caster alignment where you want it. **IMAGE 5** Recommended alignment settings 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. Final installation shown in **IMAGE 6**.

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