

Adjust - Caster
Camber
Toe

To measure caster in each wheel, we use a caster/camber gauge. This tool attaches to the wheel hub. To check the amount of caster, we need to follow these instructions:

R H

1. Attach the caster/camber gauge to the RF wheel hub first.
2. Turn the steering wheel to the right so the RF wheel has turned exactly 20 degrees.
3. Level the gauge and set the adjustable caster bubble vial so the bubble is at the zero mark on the caster side of the tool.
4. Turn the steering wheel to the left so the RF wheel is turned past straight ahead and ending up at left from straight ahead by 20 degrees.
5. Again, level the gauge, note the location of the bubble on the scale, and record the amount of caster in the RF wheel.

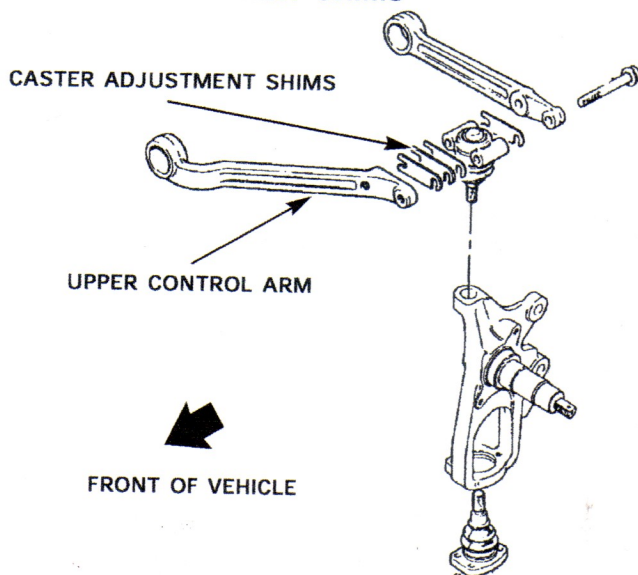
L H

6. While the wheels are still turned left 20 degrees, remove the caster/camber gauge and place it onto the LF wheel hub.
 7. Level the gauge and set the bubble on the caster gauge to zero.
 8. Turn the steering wheel to the right past straight ahead until the LF wheel is turned 20 degrees to the right of straight ahead.
 9. Level the gauge and read the caster gauge to see how much caster is in the LF wheel
- Caster is adjusted by transferring shims from one side of the upper ball joint to the other (Illustration 3). Do not change the total amount of shims by adding or subtracting shims.

NOTE: The caster measurement must remain within the specifications of +2° to +7°.

For example, to reduce a pull to the right:
INCREASE the Caster angle on the RIGHT side to become MORE positive, or
DECREASE the caster angle on the LEFT side to become LESS positive,
to bias the steering to the LEFT.

CASTER ADJUSTMENT SHIMS



- Shims - CBC 64162 Thin 1/32" 0.8mm =0.15c
- CBC64163 Mid 3/64" 1.2mm =0.19c
- CBC64161 Thick 1/16" 1.6mm =0.25c

Car pulls to side with least caster