

# HUB TYPE CASTER/CAMBER GAUGE INSTRUCTIONS

## CHECKING CAMBER

- 1) Remove the bearing dust cap.
- 2) Adjust the leg on the hub gauge so the magnets will hold on the hub.
- 3) Set the wheels straight ahead.
- 4) Set the gauge to the ZERO position.
- 5) Set the gauge on the hub in a vertical position.
- 6) Turn the dial until the bubble is centered. Note the direction of rotation and count the marks.
- 7) Read camber directly from the dial.

Example: If you had to turn the dial 3 marks clockwise to center the bubble, the camber on that wheel is 3/8 of a degree positive. Clockwise=Positive

Counterclockwise=Negative

## CHECKING CASTER

- 1) Set the wheels straight ahead.
- 2) Turn the front of the wheel "in" 20 degrees. (On most cars this is very close to one revolution of the steering wheel).
- 3) Set the gauge on the hub in a vertical position.
- 4) Turn the dial to center the bubble.
- 5) Set the wheels straight ahead.
- 6) Turn the front of the wheel "out" 20 degrees.
- 7) Rotate the gauge on the hub to make it vertical.
- 8) Check the position of the dial arrow, and from that position, note the direction of rotation and count the number of marks needed to center the bubble.

Multiply the result by 1.5. Example: If you had to turn the dial 2 complete revolutions clockwise, the caster is  $(2 \times 1.5)$  or 3 degrees positive.