



Instructions For No. 78295 **QuickSet™** Digital Caster/Camber Gauge

ADJUSTING THE QuickSet™ TO YOUR RIMS: Unfold the lower arms until they stop. Adjust the feet to your rim: Hold it against the rim with the gauge at approximately spindle centerline. Select one of the threaded holes on the lower arms that is closest to the outer lip of your rim. Move both feet to these holes and hand tighten. Now loosen the upper foot and slide it up until it also touches the outer lip of your rim. Hand tighten. At this point **QuickSet™** should just fit inside the outer lip of your rim with very little clearance.

1) Find a level place to set up your front end. This unit reads camber and caster very accurately. Unlevel ground will affect that accuracy.

2) Hold the **QuickSet™** against the wheel and rotate the gauge until the small vial on the top of the gauge shows level.

BE SURE WHEELS ARE POINTED STRAIGHT AHEAD WHEN SETTING CAMBER.

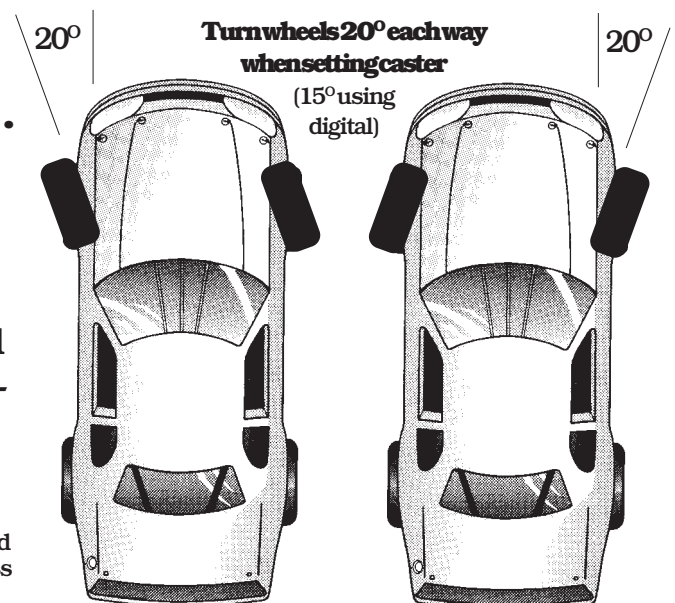
3) **CAMBER:** Turn on the **AccuLevel™** Digital Readout by pushing "ON/OFF". Camber is read directly on the display to $.1^\circ$ ($1/10^\circ$). See separate **AccuLevel™** instructions if needed. On the left side of the display a \blacktriangle pointing up indicates negative camber (top of tire in). A \blacktriangledown pointing down indicates positive camber (top of tire out). Race cars usually use negative camber on the RF and positive camber on the LF.

4) **CASTER** is measured with the vial on the top - from 4° negative to 12° positive. First turn the wheels 20° to the right when setting the RF or 20° left when setting LF. Rotate the gauge until it is level. The 20° must be done accurately. An error of even 1 or 2° turning will give a caster error.

5) Turn the knurled nob in the center until the castervial reads 0° . Now turn the wheels back past center to 20° the opposite way - for a total of 40° . Rotate the gauge again to level (DON'T turn knurled knob). Read the Caster directly on the vial (to the center of the bubble). Each line is $1/2^\circ$.

CASTER NOTE: If you wish to measure caster to $.1^\circ$ ($1/10^\circ$) on the digital readout please see the reverse side. Caster measured with the vial on top is to $1/2^\circ$

6) Adjust the caster and camber as needed. Each time you make a change bounce on the front end to settle the suspension. **NOTE:** Adjusting the caster may have an effect on the camber and vice versa. Tighten bolts & double check all settings.



Warning:

Do Not leave the gauge in the hot sunlite or store in a place over 120° F. The digital display may not be readable and/or break-age of the vials could occur due to heat expansion.

Once it cools down the digital display should be visible again. Replacements for broken vials can be ordered from any authorized dealer or the factory. Replacement is quick and simple with no loss of accuracy.