

Alignment Equipment

SmartStrings Toe Alignment Kit



SmartStrings Professional teams and prep shops still rely on old-fashioned string alignments to accurately measure individual toe on all four wheels. SmartStrings updates this method by using adjustable brackets to hang the strings on the car rather than on the floor. With the strings on the car, you can roll and bounce the car to settle the suspension without having to recalibrate the strings! Front and rear attaching arms telescope in three planes to allow use on virtually any car including most formula cars and sports racers.

SmartStrings Toe Alignment Kit . . . Part No. 3180. \$449.99

ART Laser String



ART Laser Strings These extremely versatile tools shoot a laser plane (not a beam) along the side of the car. One person can check frame straightness, rear axle alignment, and 4-wheel toe. You can also use them to align graphics, set up scales, and for many other applications. Choose Single (one plane) or Triple (3 parallel planes).

ART Laser String, Single

Part No. 7005. \$529.00

ART Laser String II, "The Triple" (not shown)

Part No. 7006 \$1,679.00

ART Dream Stick



The **Dream Stick by ART** is an innovative tool used to measure toe with a string, or with any ART Laser String product. Dual scales read the distance from the string to both the front and back of the rim at the same time. Adjusts to fit wheels from 12" to 20" diameter. Locates on the rim using three contact points to ensure the scales are perpendicular to the rim. Scales have both English and Metric markings.

ART Dream Stick Part No. 7007. \$79.99

Toe Plates and Gauges



ART Laser Toe Gauge This professional gauge uses laser precision to measure toe down to one minute of a degree. Requires only 12mm of ground clearance, so aerodynamic devices can stay in place. Weighs less than 20 pounds. Easy for one person to set up and use.

ART Laser Toe Gauge. Part No. 7000 \$799.00



The **Longacre Toe Plate** kit is one of the quickest and simplest ways for you to measure total toe. Just rest one plate on the side of each tire and use measuring tapes to find your setting. Magnets help keep the tapes in place on the plates. Kit includes 2 toe plates and 2 tape measures.

Longacre Toe Plates. Part No. LA79501 . . . \$59.99

Longacre Toe Gauge This simple, inexpensive, and accurate gauge can measure toe-in or toe-out to within 1/32 inch. Easily operated by one person. Simply scribe a reference line around each tire and hold one pointer on each line. A graduated scale on the base shows total toe in inches.

Longacre Toe Gauge

Part No. 7962. \$108.99



Camber and Caster Gauges



The latest **Longacre Digital Caster/Camber Gauge** combines the digital precision of the AccuLevel module with Longacre innovation and value. The sturdy Quick Set 3-leg aluminum camber frame has a built-in bubble level to allow you to measure camber and caster with just one tool – no other attachments required. The frame even folds for easy storage! When you only need a level or angle finder, the digital module slides right out of the frame. Slide it back in and magnets hold it in place. Digital AccuLevel module features an LCD readout from 0 to 90 degrees with a resolution of 0.1 degree, display hold, and relative zero for comparing two angles. Full instructions, padded aluminum carrying case, and battery included.

Longacre Digital Gauge with Camber Frame

Part No. LA78295. \$299.99



Left: SmartCamber Kit
Part No. 3764.



Right:
Hands Free
Attachment
Part No. 3763
(sold separately)

The **SmartCamber Kit** provides a direct digital readout of camber angles with up to 0.1° accuracy. Place the SmartCamber Tool against any wheel rim for an accurate digital readout instantly, with no interpretation or guesswork. Add the Hands Free Attachment (sold separately) for easy caster measurements. The rugged aluminum frame fits 5-22 inch wheels. The digital module includes a one year limited warranty and well illustrated instructions.

SmartCamber Kit. Part No. 3764. . . . \$224.99

Hands Free Attachment. Part No. 3763. . . . \$48.99

Attaches to Camber Frame for caster measurements.

Caster/Camber Gauge
Part No. 3185



Right:
Quick Set Adapter
Part No. LA78428

This simple, accurate, and reliable Longacre gauge measures caster and camber with three bubble levels. Bright markings and separate positive and negative scales reduce errors and confusion. Magnetic adapter (included) makes it easy to use with most steel wheels, hubs, or discs. Other adapters (such as the folding Quick Set adapter) are available separately. Case included.

Longacre Caster/Camber Gauge with Magnetic Adapter

Part No. 3185. \$139.99

Longacre Quick Set Adapter Only

Part No. LA78428. \$114.99

Folding three-point frame allows use with alloy wheels.

Bump Steer Gauges



ART Laser Bump Steer Gauge Laser accuracy is now available in a bump steer gauge! Using a simple laser, mirror, graph paper, magnetic bases, and a shutter, you can now measure bump steer with an accuracy up to millionths of an inch if desired. It doesn't bolt to the hub, so it can be used on

a wide variety of hub types. The lack of a bulky frame also makes it easily portable. Easy to use, yet accurate enough for professionals. Includes padded wooden carrying case.

Laser Bump Steer Gauge Part No. 7002 \$199.99

Longacre Bump Steer Gauge This is one of the easiest tools that we've found to measure bump steer. This bump steer gauge uses a single dial indicator to tell the exact amount of bump steer automatically – to .001 of an inch! The gauge comes complete with an adjustable frame stand, precision dial indicator, and a blank wheel plate ready to be drilled to suit your vehicle.

Bump Steer Gauge, Blank Plate

Part No. 3178-Blank. \$229.99



Turn Plates



Intercomp Mechanical Turn Plates have precise CNC machined numbers to indicate from -35 to +35 degrees. Three levels of case-hardened roller bearings allow free movement in X and Y directions as well as rotation. The high-friction top surface eliminates tire slippage for accurate measurements. Can be zeroed with car in place. Plate measures 13" x 15" x 1.5" high. 2000 pound capacity per plate.

Mechanical Turn Plates, pair

Part No. 102007. \$789.00