

MODEL KEI-445 STEERING WHEEL GAUGE



DESCRIPTION

The above picture displays Kemkraft model KEI-445 Steering Wheel Gauge (SWG). The KEI-445 is a fixtured / non-fixtured floating Gauge. The KEI-445 SWG, is a 3 point contact tool that attaches to the steering wheel, with a spring loaded handle, allowing the tool to be non-fixtured. Under operator / computer control the air cylinder (located in the handle) can be extended, to the windshield, allowing the gauge to be fixtured.

Kemkraft also sells a model KEI-850 Box that interfaces to a Vehicle Alignment Machines' PLC to control the SWGs' pneumatic air cylinder. Utilizing a KEI-445 SWG with a KEI-850 box, the steering wheel is held, at zero degrees, during most of the alignment cycle with the tools air cylinder. When the vehicle alignment is close to being finished, the tool air cylinder is retracted to allow the steering wheel to "float". Allowing the steering wheel to "float" prevents the hysteresis in the vehicles steering system to not bind on one side or the other. Ford Motor Co. presented Kemkraft a quality award, for this process, because it proved to be a warranty claim cost savings.