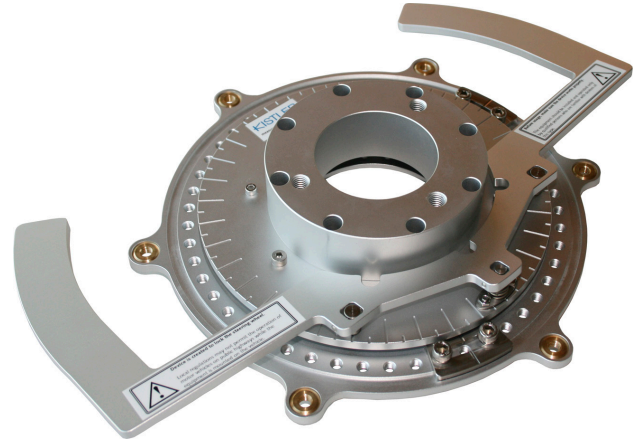


Steering angle stop for Kistler MSW Sensors

Type 18026445

Description

The steering angle stop fixes the steering angle to a set point to perform steering movements between freely adjustable limits. Locking levers fix the steering angle; releasing the levers immediately unblocks the steering wheel, allowing normal driving. It facilitates tests such as step-steering input, sinus steering or zero-point determination.



The steering angle stop may only be mounted and operated by authorized, qualified persons who are familiar with devices of this type. Observe the following mounting instructions to ensure correct installation of the device.

Local regulations may not permit the operation of motor vehicles on public highways when the steering angle stop is mounted in the vehicle.

Use only original mounting equipment included in the scope of delivery; otherwise we assume no liability for any damages.

Mounting instructions

Step 1:

Dismount the steering wheel from the measurement body by removing the three black screws in the middle of the steering wheel.



Fig. 1: Kistler MSW sensor with steering wheel, steering angle stop on the right

Step 2:

Dismount the adapter plate on the top of the measurement body by unscrewing all of the 16 screws.

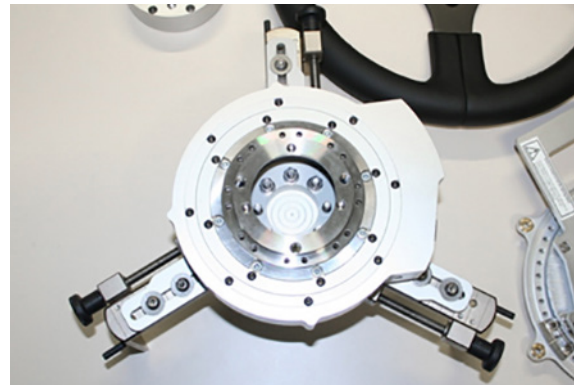


Fig. 2: Kistler MSW sensor with adapter plate

Step 3:

Remove the adapter plate

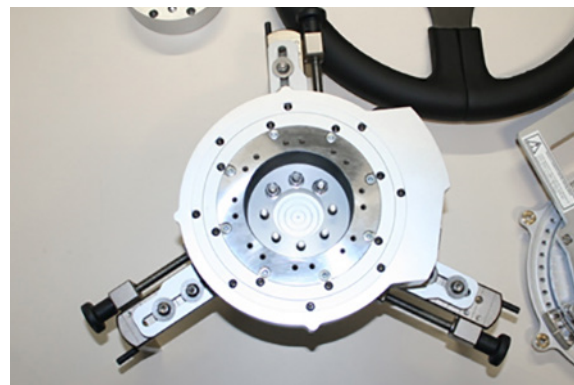


Fig. 3: Kistler MSW sensor without adapter plate

Step 4:

Center the steering angle stop in the straight upward position and screw it onto the measurement body.

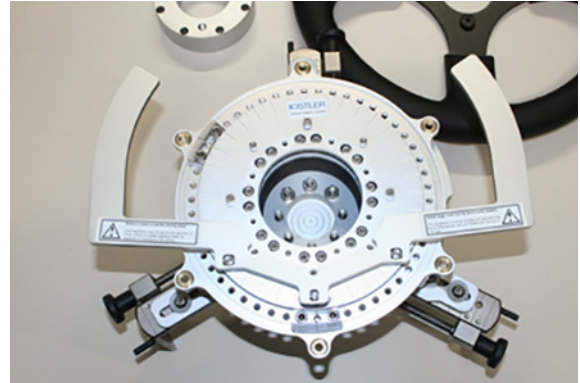


Fig. 4: Aligning the steering angle stop

Step 5:

Attach the distance plate on the top of the steering angle stop and screw it on tightly.

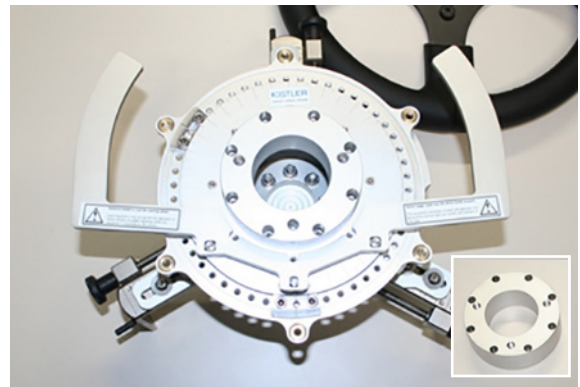


Fig. 5: Mounting the distance plate

Step 6:

Attach the steering wheel on the top of the distance plate and screw it on tightly.



Fig. 6: Mounted steering angle stop

18026445_003-200e-03_19

Ordering code

- Steering angle stop for cars

Type

18026445

Liability preclusion

We explicitly point out that the use of the steering angle stop with Kistler MSW sensors is on the user's own responsibility.

We assume no liability for use of the steering angle stop in vehicles equipped with steering wheel airbags. The steering angle stop is strictly recommended for use only in vehicles that are not equipped with a steering wheel airbag.

Further, we assume no liability for damage resulting from improper mounting or incorrect use of the steering angle stop.



Fig. 9: Mounted Kistler MSW sensor with steering angle stop, steering wheel adapter, and stator mount