

Assembly instruction

SAD

Upgrade Kit for Radar Sensor

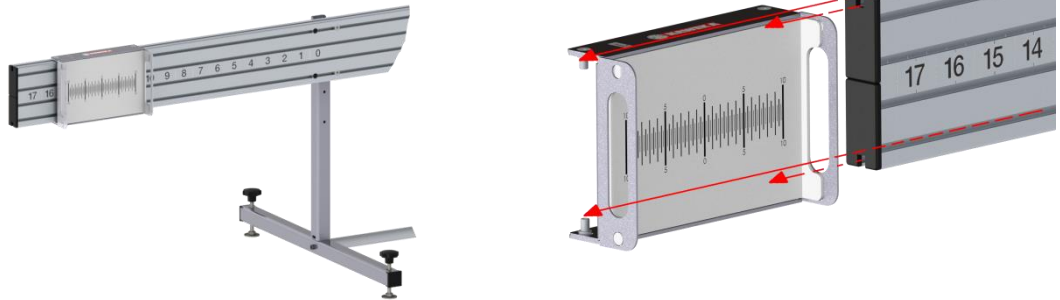
922 001 035 / 045 / 062



Mounting of the Upgrade Kit

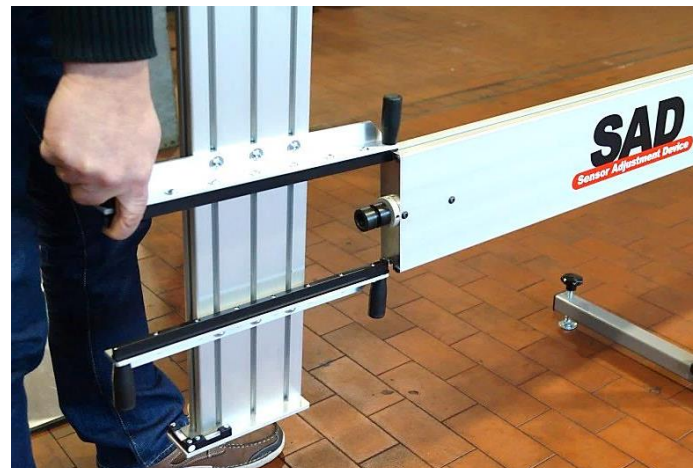
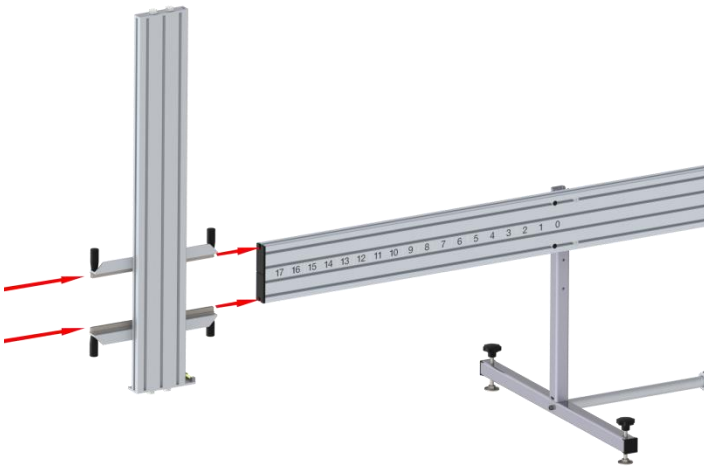
Step 1:

On the **SAD500** carefully slide the mirror/scale off the traverse.
 (On the **AXIS4000** this is not required)



Step 2:

Slide the reflector slide onto the traverse by lining up the slides with the groove in the traverse carefully; ensuring no damage is caused to both.



Slide the reflector slide on the **SAD4000** traverse

Step 3:

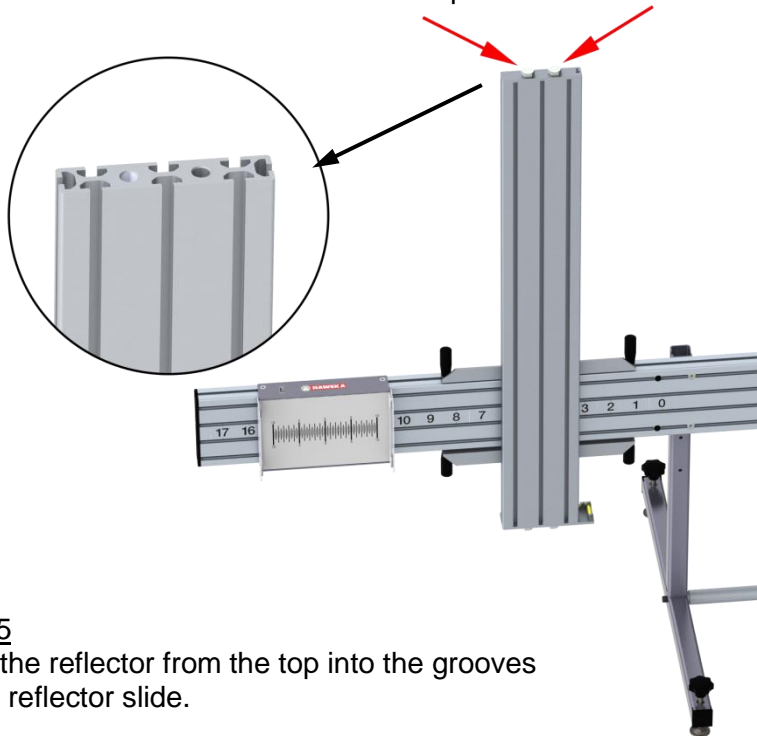
On the **SAD500** traverse the mirror can be replaced, ensuring the pins on the mirror/scale are lined up with the grooves in the traverse.



Mounting of the Reflector

Step 4

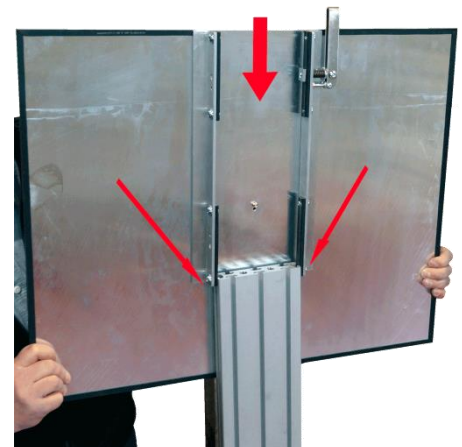
Loosen and remove the reflector slide top cover.



Remove the 2x M14 bolts

Step 5

Slide the reflector from the top into the grooves of the reflector slide.

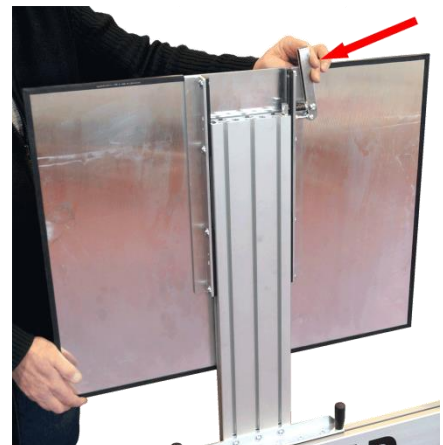


Mounting Position

Step 6

Once the reflector is 2/3 of the way mounted on the reflector slide the brake needs to be released.

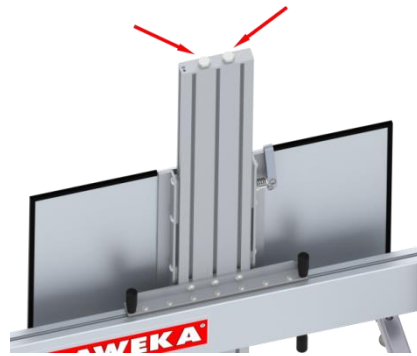
Push the brake lever towards the reflector slide to release and continue to slide the reflector down the reflector slide until fully mounted.



Press the brake lever

Step 5

Refit the reflector slide top cover.



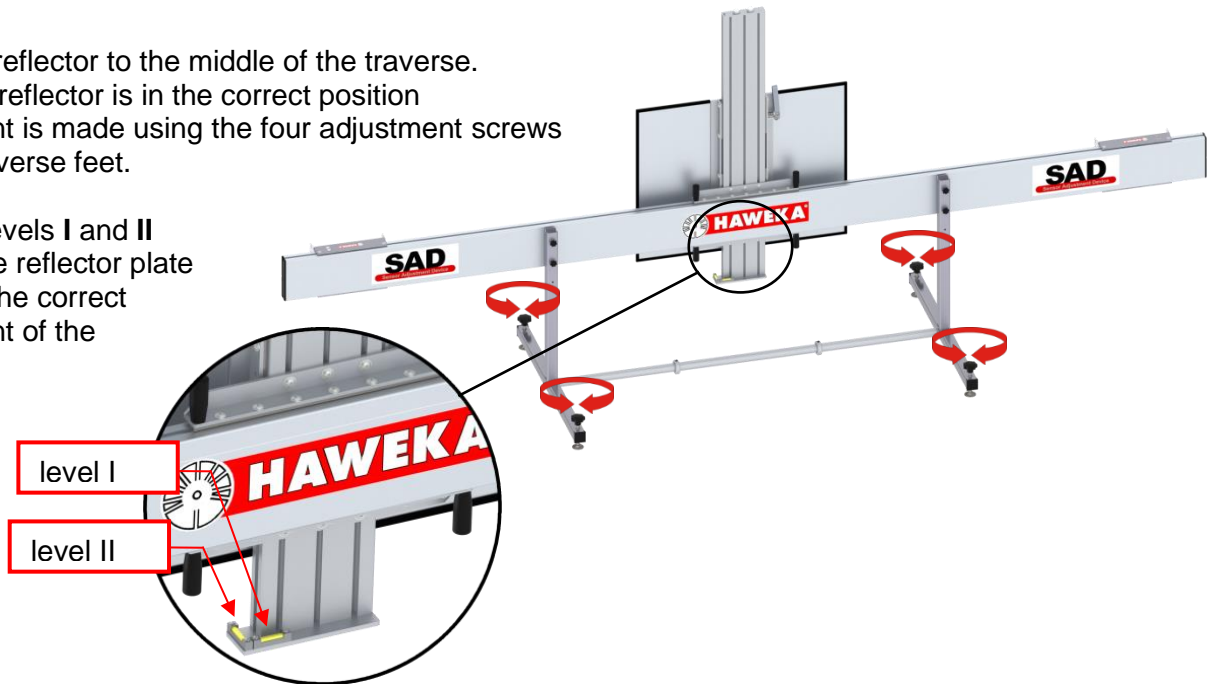
Tighten top cover

Levelling the traverse

Step 6

Slide the reflector to the middle of the traverse. Once the reflector is in the correct position adjustment is made using the four adjustment screws on the traverse feet.

Use the levels I and II behind the reflector plate to check the correct adjustment of the traverse.



Laser Distance Meter

The laser distance meter is placed into the designated hole on the reflector and is held into place with a magnet. Once Laser distance meter is mounted it can be switched on.

When the laser distance meter is not in use it can be stored on the top cover of the reflector slide



Parkposition



The laser switches off automatically after approx. 20 sec. Press the red arrow key to activate the laser.