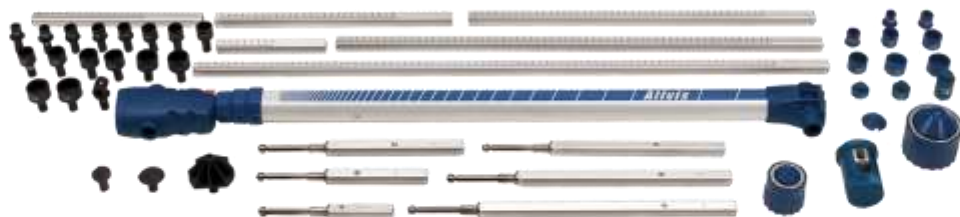


# Allvis

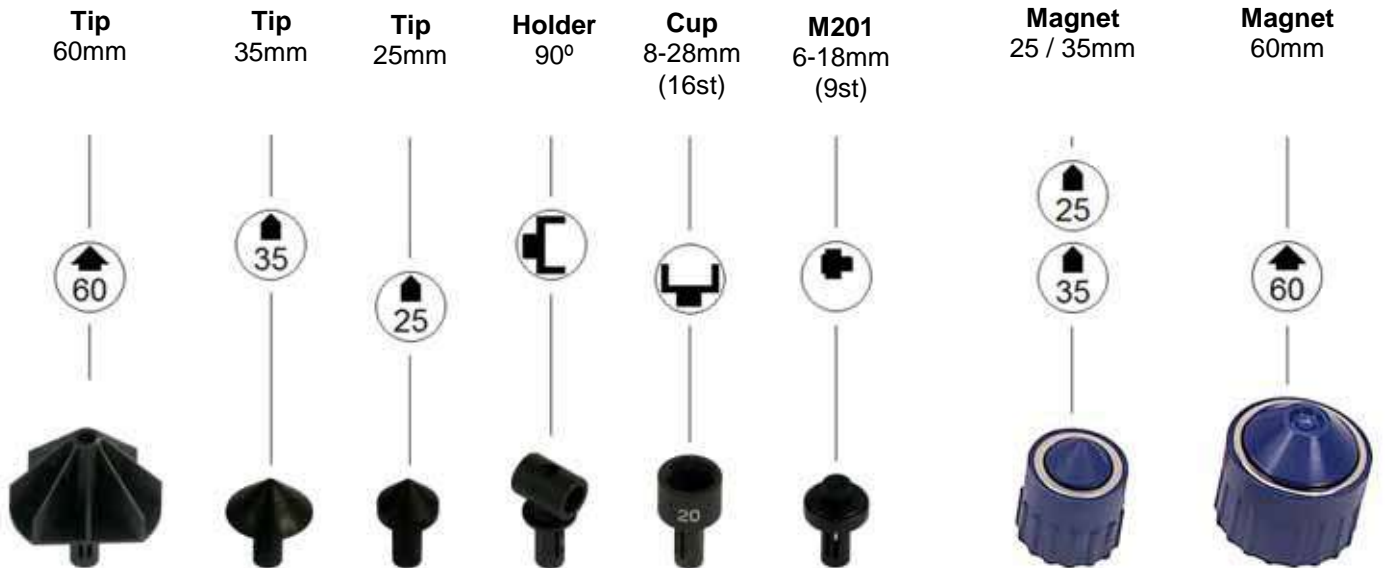
## Comparative measuring



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## 1.0 – Allvis Parts



### Height measuring rods



### Measuring arm



**Adapter holder**  
For short measures  
400 – 2150 mm  
(Upper body)



### Datum Rods A-F



## 2.0 – Level control of the vehicle



Hold the measuring arm against the pinch weld on both rocker panels. Turn the level to “adjustment mode” and adjust the arm until the bubble is centered.



Turn the measuring arm 180° and hold against both pinch welds.



Lower one of the sides until the water spirit is centered. Check play.

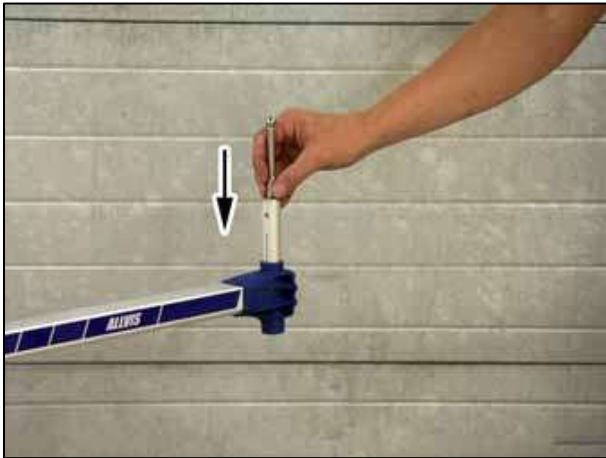
If the play is more than 20 mm, adjust the level of the vehicle.



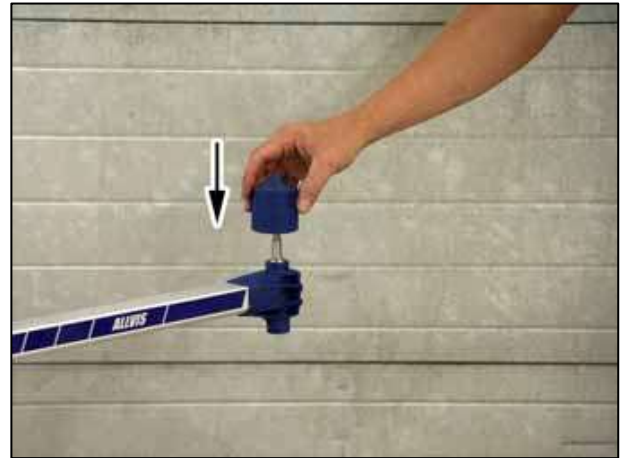
Adjust until the spirit level is centered to make sure that the measuring arm has the same level as the vehicle.



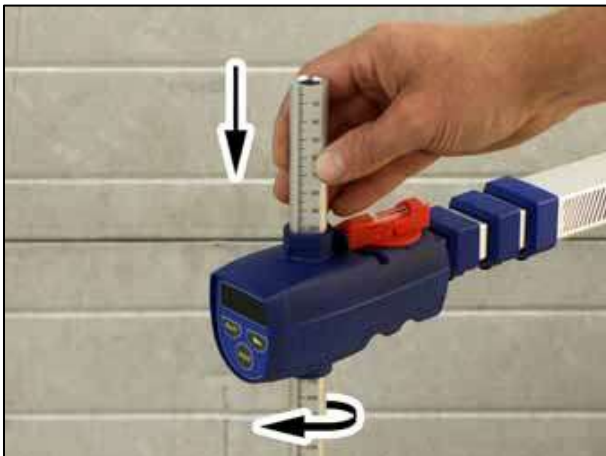
### 3.0 – Prepare Allvis for comparative measuring



1. Snap in the datum rod.



2. Snap on the magnet to the datum rod.



3. Lock the height measuring rod to the arm.




4. Snap in tip/cup to height measuring rod.



5. Compress the measuring arm.



6. Start the display by pressing  < 1 second

## 4.0 – Mount the measuring arm under the vehicle



### Mount the magnet Step by step



Choose a point in an undamaged symmetric pair of points.



Center the conical part of the magnet to the hole.



Push up the outer part of the magnet.



Ready for measuring.

## 5.0 – Measure line 1 (length & height)



Center the tip in the measuring point.



Free the height rod to adjust the level of the arm.




Adjust the level until it's centered. Lock the height measuring rod by turning the scale clockwise.



Height value for line 1.



Press  < 1 second to zero the display.




## 6.0 – Measure line 2 (cross measuring)



Store length value - line 2



Center the tip to the measuring point and press

 to freeze the value.



## 7.0 – Move magnet



### **Move magnet to the other side**


To be able to measure line 3 and 4, the magnet needs to be moved to the corresponding point on the other side.

## 8.0 – Measure line 3 (cross measuring)



### Compare line 2 and 3



Press  to release frozen value.



Read length value for line 3 and compare with the value from line 2.

## 9.0 – Measure line 4 (length and height)



Compare line 1 and 4



Read length difference.



Control level.



If necessary, adjust the front of the arm up or down to center the level.



Read height and compare with the value from line 1.