



Mercedes-Benz

CRS-03-06



## GRSP working group child restraints: Location of ISOFIX-/Toptether anchorages Location of Cr-Point

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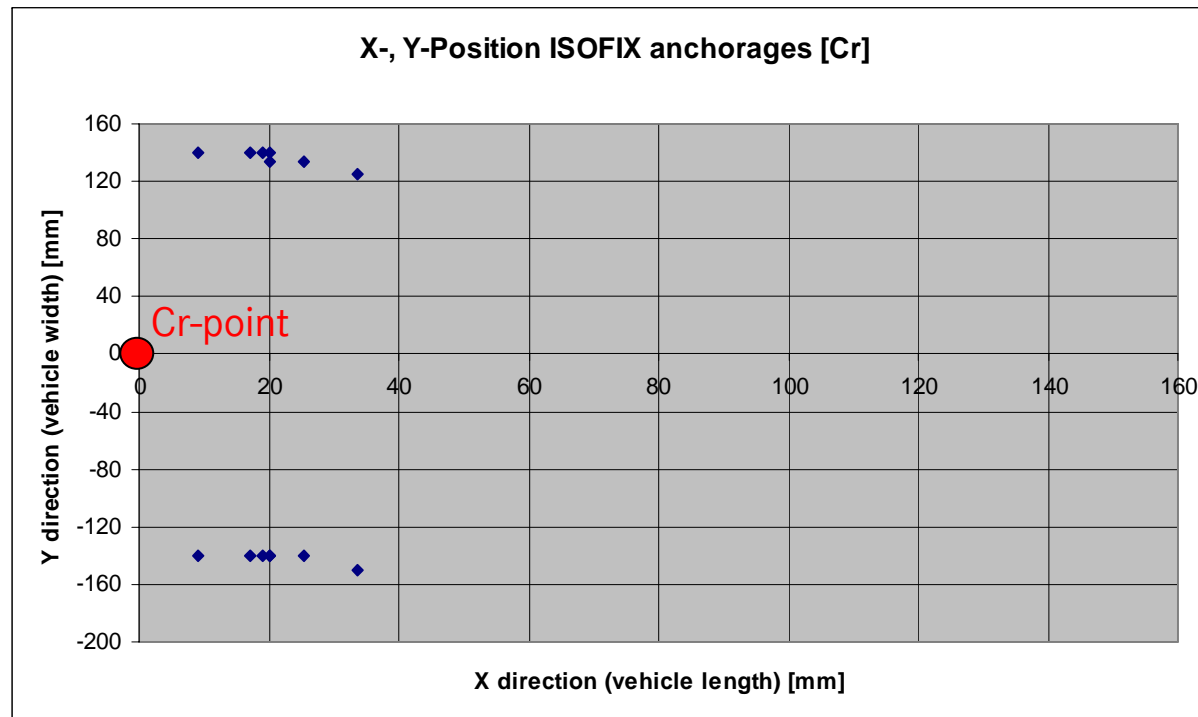
May, 5th 2008



# Location of ISOFIX anchorages



The following data shows the location of the ISOFIX (lower) anchorages in relation to the Cr-point for rear outboard seating positions in several Mercedes-Benz passenger cars. The data refers to the middle and centre of the ISOFIX anchorage bars.



X-, Y-position (top view):

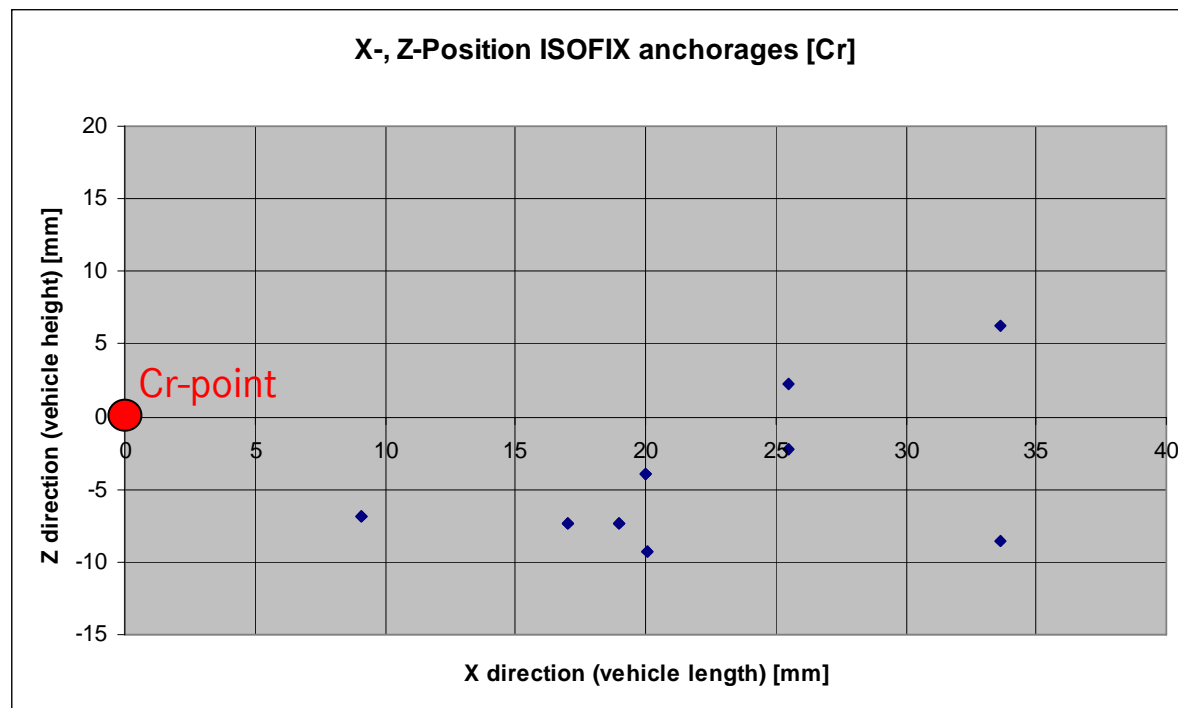
- lateral distance  $\pm 140$  mm corresponding with 280 mm ISOFIX width
- Anchorages are located approx. 9 to 34 mm rearward of the Cr-point



# Location of ISOFIX anchorages



The following data shows the location of the ISOFIX (lower) anchorages in relation to the Cr-point for rear outboard seating positions in several Mercedes-Benz passenger cars. The data refers to the middle and centre of the ISOFIX anchorage bars.



X-, Z-position (side view):

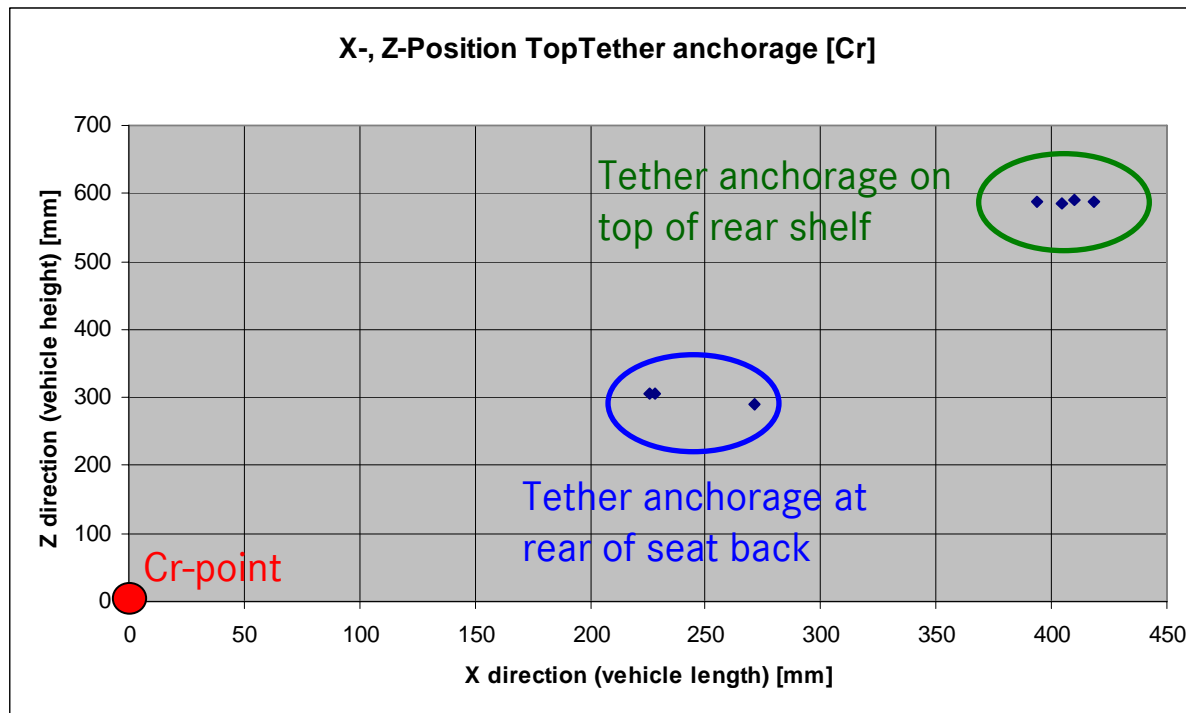
- Anchorages are located approx. 9 mm below to 6 mm above the Cr-point
- Anchorages are located approx. 9 to 34 mm rearward of the Cr-point



# Location of TopTether anchorages



The following data shows the location of the TopTether anchorages in relation to the Cr-point for rear outboard seating positions in several Mercedes-Benz passenger cars. The data refers to the middle and centre of the TopTether anchorage bars.



X-, Z-position (side view):

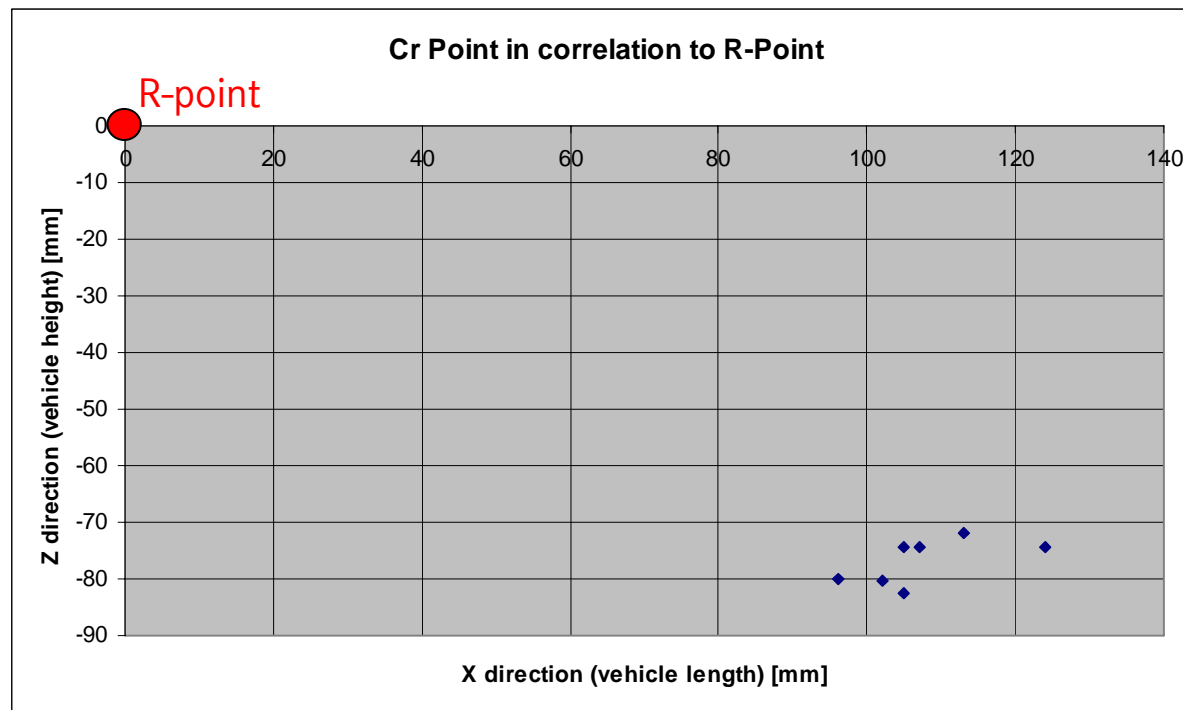
- Differences in TopTether location (at seat back or at rear shelf)
- Lateral location of TopTether approx. up to  $\pm 35$  mm



# Correlation Cr-Point and R-Point



The following data shows the location of the Cr-point in relation to the vehicle R-point for several Mercedes-Benz passenger cars in rear outboard seating positions.



X-, Z-position (side view):

- Cr-point is located in an area rearward (96 – 124 mm) and below (72 – 83 mm) of the R-point
- Y position of Cr- and R-point are identical
- Correlation between Cr- and R-point depends on seat upholstery contour, so the data for front seats (i.e. sport seats) may be different from the data shown here (rear seats)