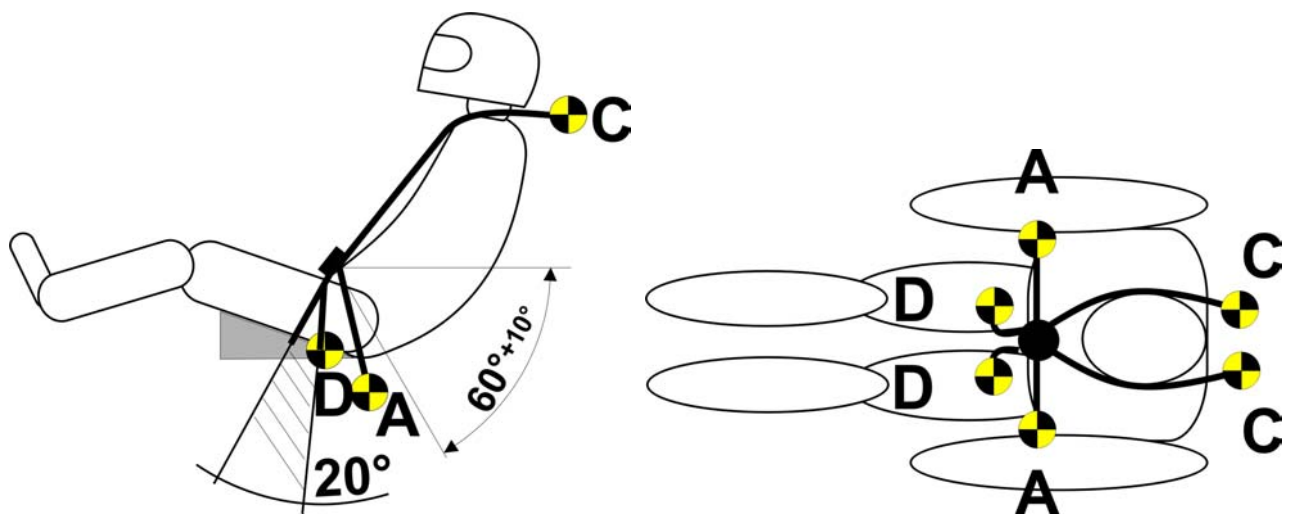


## Crotch Strap Routing and Anchorage Location

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Tests have proven, that improved restraining performance is obtained when T-bar or HYBRID Restraints with crotch straps are attached to the chassis as shown in following figure.



Distance D – D approx. 100 mm longitudinal directed

To find the appropriate anchorage location “D” follow the line representing the tangential of the chest and crotch down to the chassis. Within a range of minus 20° toward the rear of the chassis the ideal location can be found. Make sure the attachment provides a longitudinal strap positioning, so the crotch strap runs flat on occupants upper thighs.

For F-type restraint, the crotch strap can be routed backward to join the lap belt anchorages. This is not the most appropriate routing, but there is not detailed evidence which deems this unacceptable.

For more information on T-Bar and Hybrid restraints, see **SCHROTH Hybrid-Restraint** or **HANS-Compatible-HYBRID** PowerPoint presentations which contains sled test videos showing the higher body trajectory of a F-type harness restraint. These information also can be obtained on our web site [www.schroth.com](http://www.schroth.com).