Assembly of chassis

IMPORTANT! The chassis must not be twisted when the bodywork is fitted. If the bodywork is fitted in a twisted position the bodywork will maintain the chassis frame in the twisted position. The chassis will then not function correctly.

Check using a spirit level on the top of the frame side members that the chassis is level when fitting the bodywork.

Actions

If the chassis is placed on an uneven surface the chassis frame flexes because of the chassis' torsionally flexibility.

• Rectify this by moving chassis to a flat surface. When the chassis is level the bodywork can be fitted.

If the base is flat but chassis frame still twisted.

• Rectify this by supporting one of the wheels until the chassis frame is level. The bodywork can then be fitted.

Subframe

When attaching the subframe, the frames should first be pressed together with a sufficient number of clamps.

Note: Do not use a separator insert between subframe and chassis frame.

Information on the minimum distance to the bodywork can be found in the document Distance to bodywork in Dimensions and distance.

More information about torsional flexibility can be found in the document Calculations and theory under General information.

Further information about subframes is available in the document Frames under Frames and subframes.