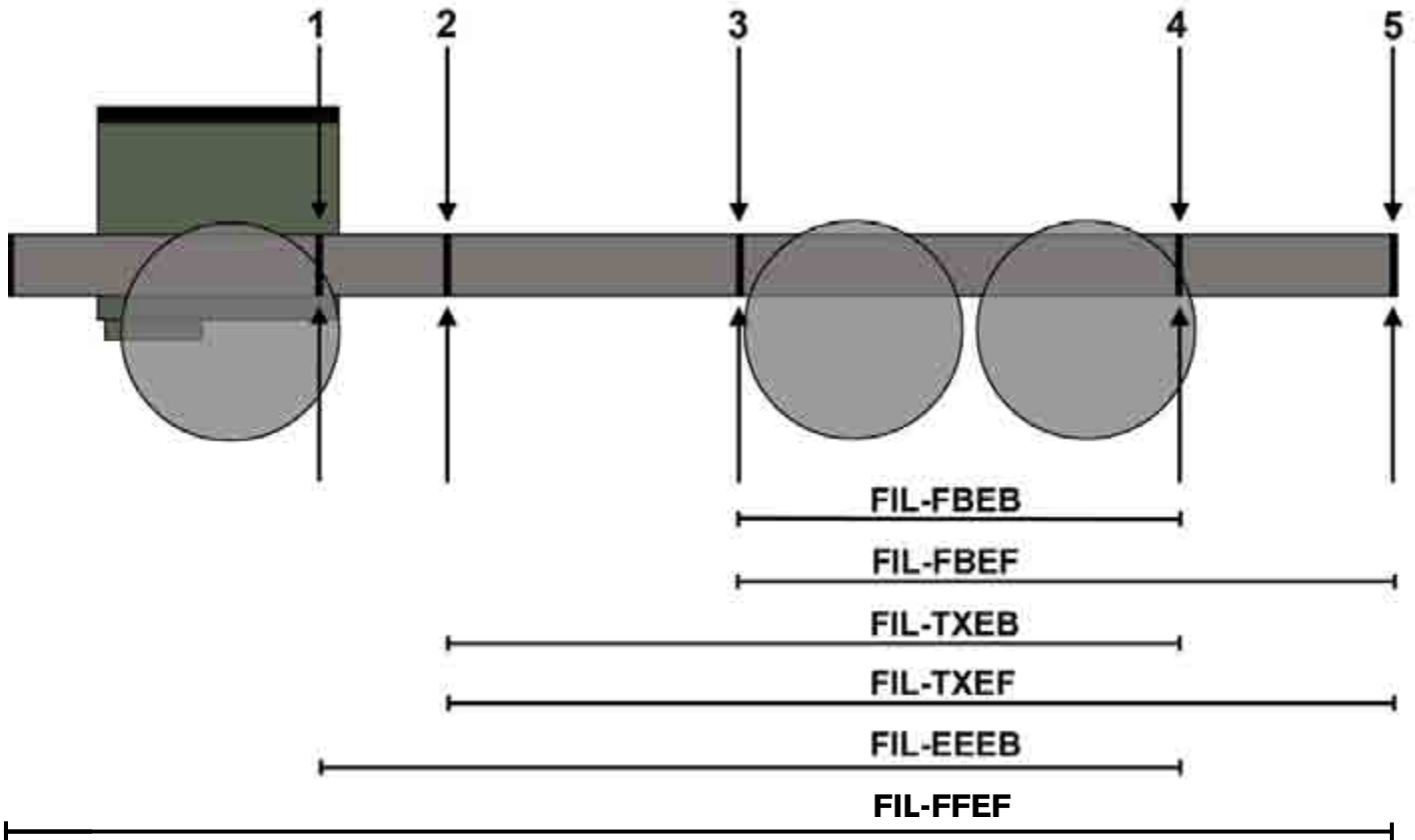


FACTSHEET - FRAME INNER LINER



Inner liner length for the different variants. 1 - Engine end, 2 - Transmission cross member, 3 - Front bogie, 4 - End bogie, 5 - End frame.

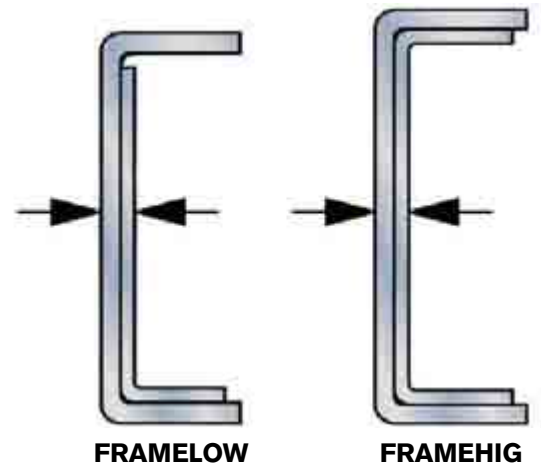
Frame inner liner - Reinforcement

For vehicles dealing with high frame stress it is recommended to add reinforcement to the frame over the most exposed areas.

The frame inner liner is a 5 mm thick reinforcement profile, made from high-strength steel, that is applied along part of the frame and it is adapted to the frame section thickness of 7 and 8 mm and suits both available frame heights. Different lengths of inner liners are available:

- FIL-FBEB reaches from the front of the bogie to the end of the bogie.
- FIL-FBEF reaches from the front of the bogie to the end of the frame.
- FIL-TXEB reaches from the transmission cross member to the end of the bogie.
- FIL-TXEF reaches from the transmission cross member to the end of the frame.
- FIL-EEEEB reaches from the end of the engine to the end of the bogie.
- FIL-FFEF reaches from the front of the frame to the end of the frame.

The chassis frame is made from high-strength steel and its front section is bent outwards to accommodate the cab and engine. It has the same material thickness in the web and the flanges.



Inner liner is available with both frame heights and results in a total thickness of 12 or 13 mm.