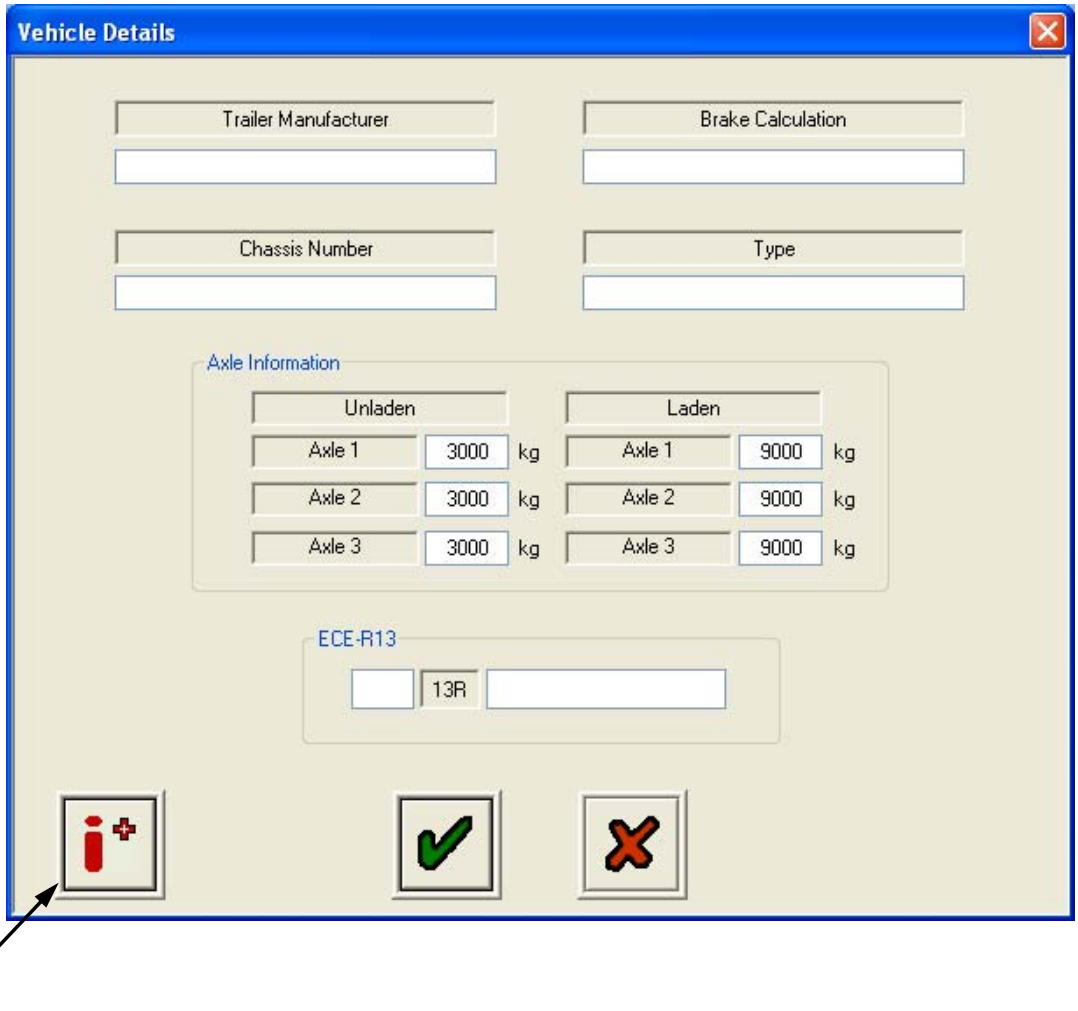
Bulletin – For distribution as necessary

DIAG+ 'Geometric Data' Button

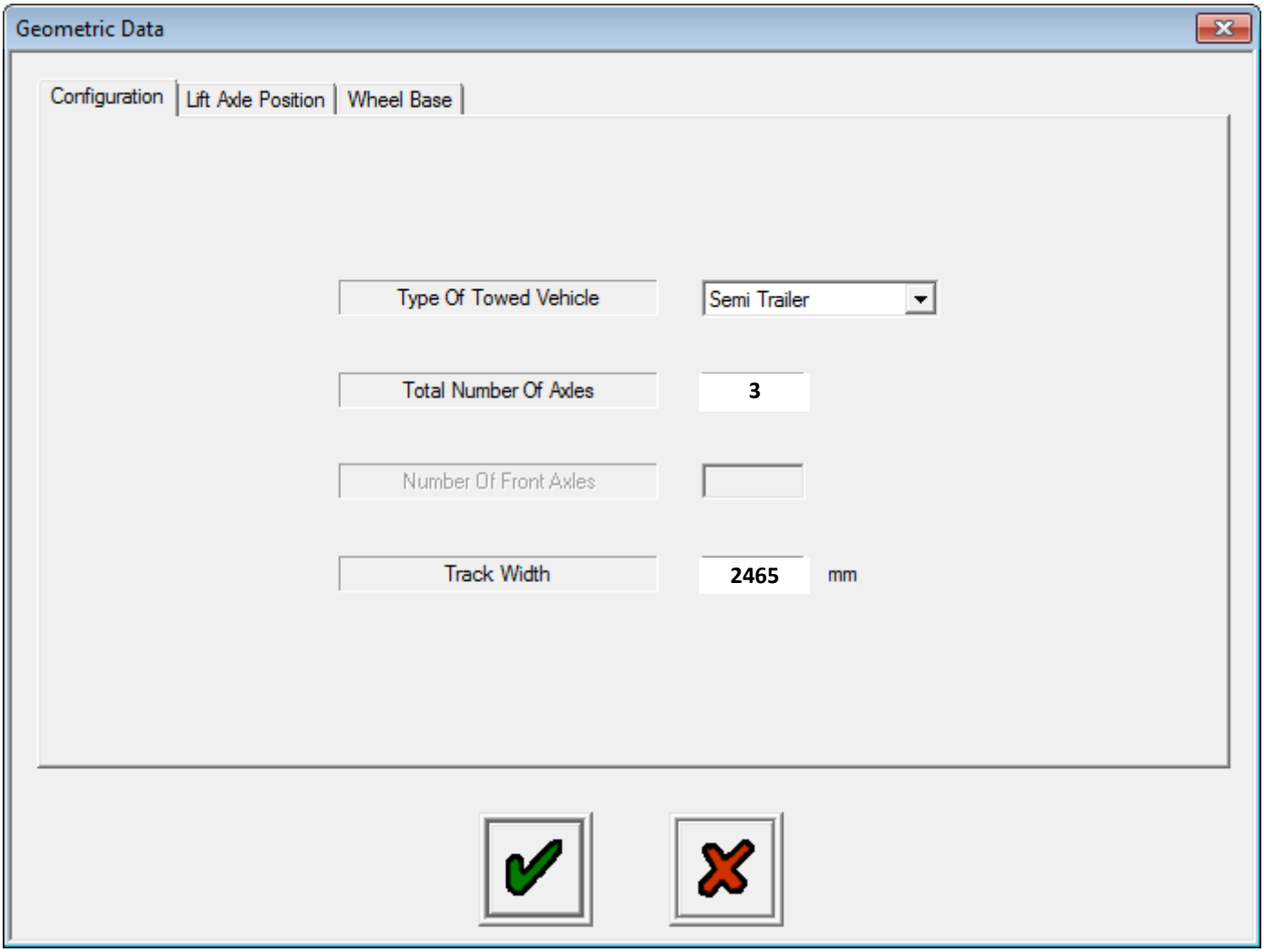
There has been an extra button added to the DIAG+ menu to allow the trailer *'geometric data'* to be added. Trailer manufacturers **must** input data relating to the type of trailer, number of axles and dimensions. This is not required directly by the Haldex EB+ Stability system but *is* required under the latest revision of the ECE Regulation 13 (series 11) in order to assist towing vehicle systems. This data may be used by the towing vehicle stability system to assist with its control strategy for the whole combination.



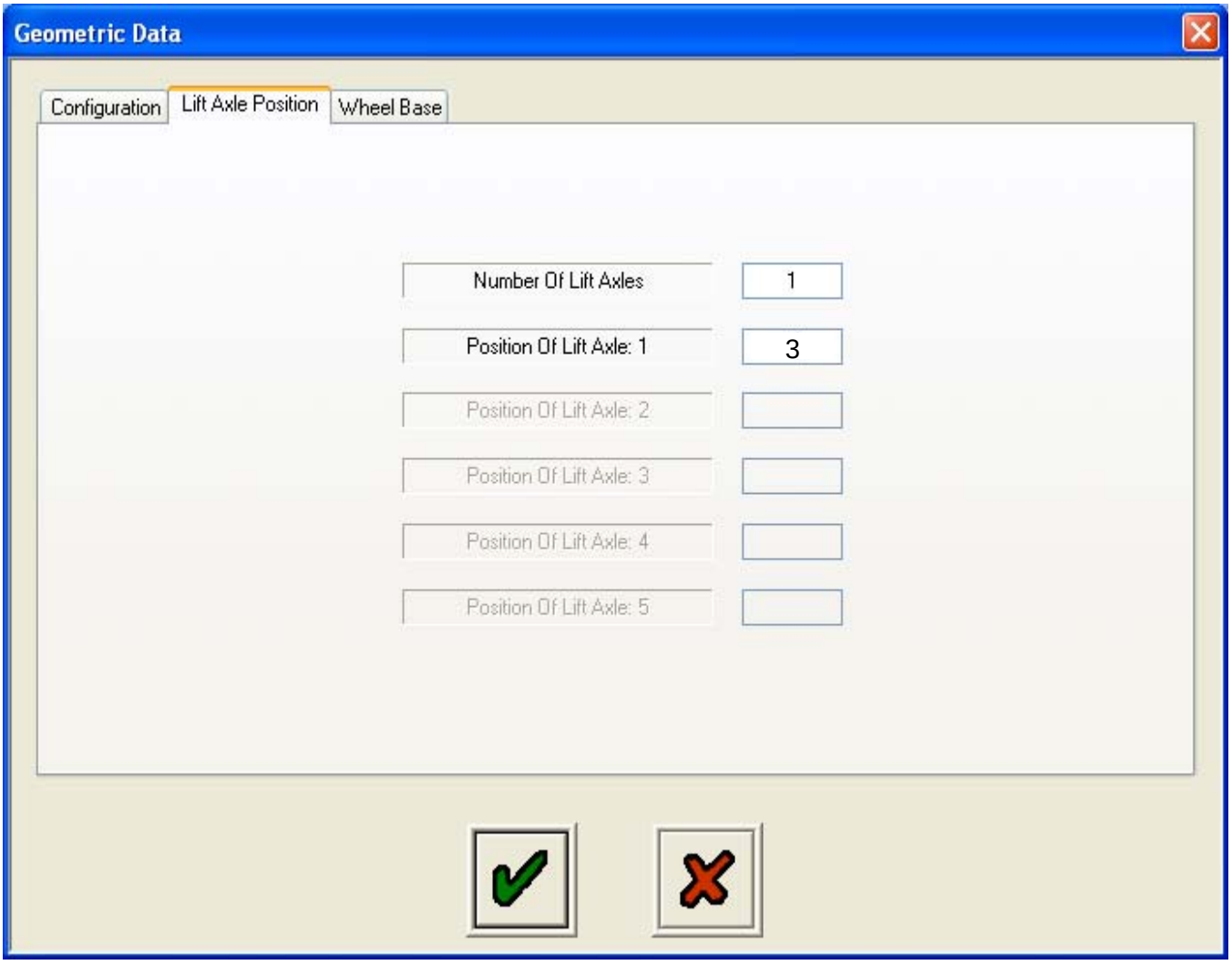
Click on the Info+ button to enter the geometric data. This will open up a new screen with three tabs along the top which need to be completed.

An example is completed below for a tri- axle trailer with 2465mm track width (measured from centre of tyre to centre of tyre), a rear lift axle with 8.10m total wheelbase.

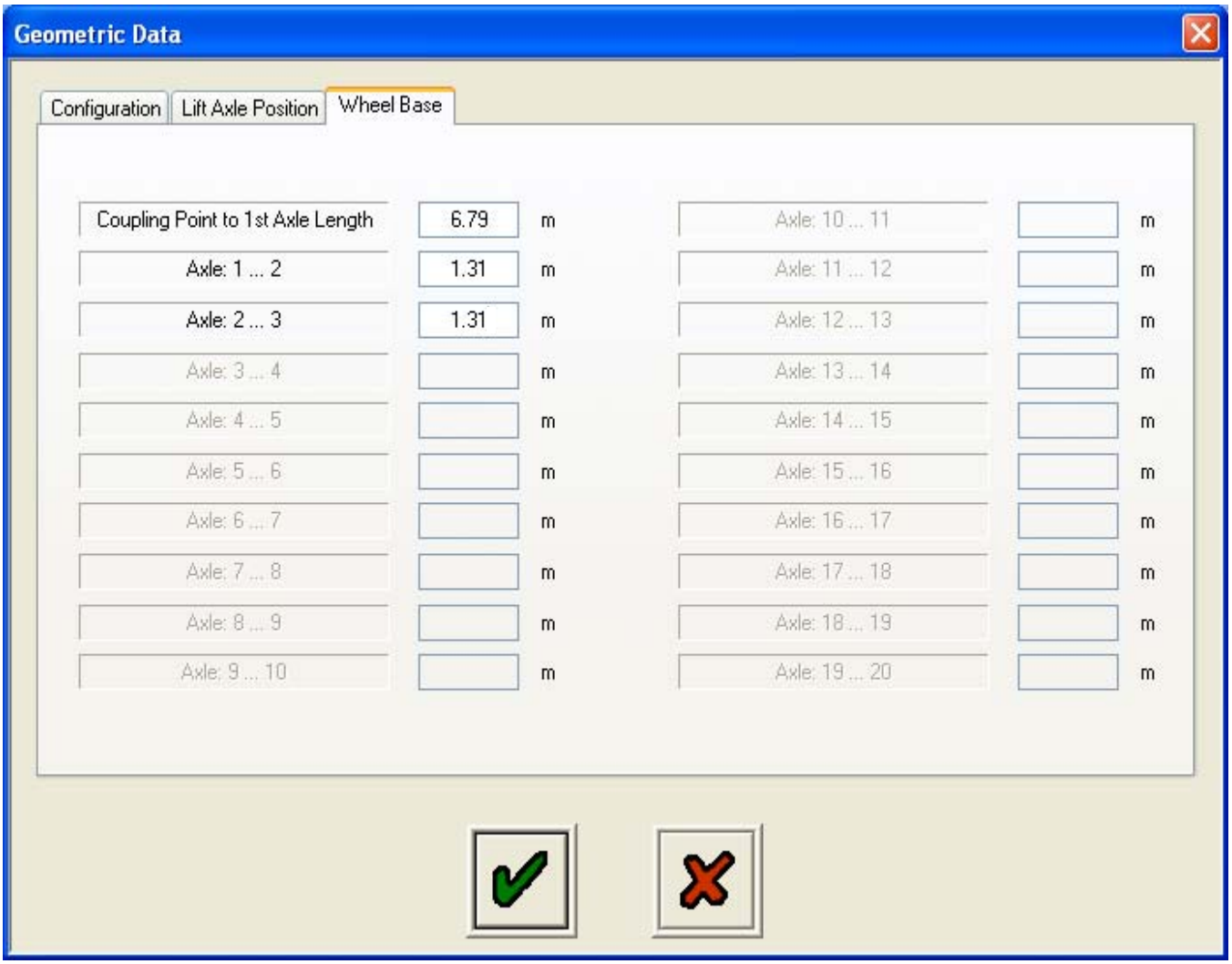
Select type of trailer from the options – semi-trailer, drawbar (full) trailer and centre-axle trailer. Enter the number of axles and the track width (the overall width measured between the tyre centres in mm).



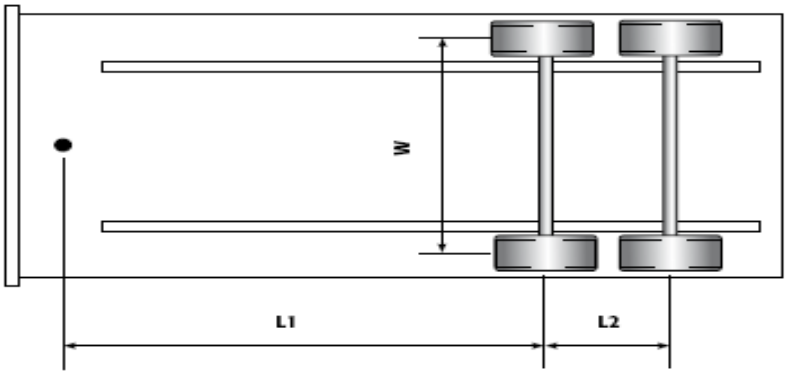
Trailer has one lift axle and it is on the rear so axle number 3.



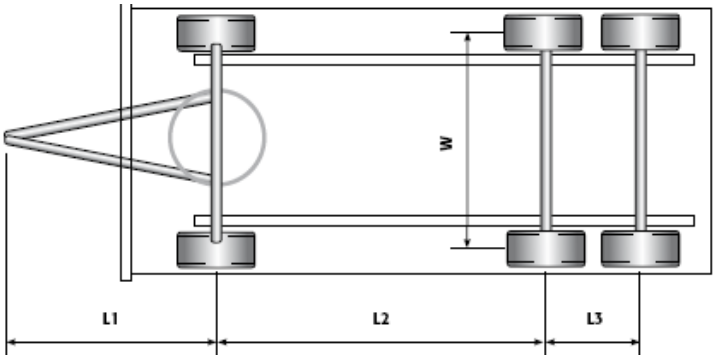
Wheelbase of 8.10m, consisting of distance to front axle of 6.79m and then 1.31m between axles.



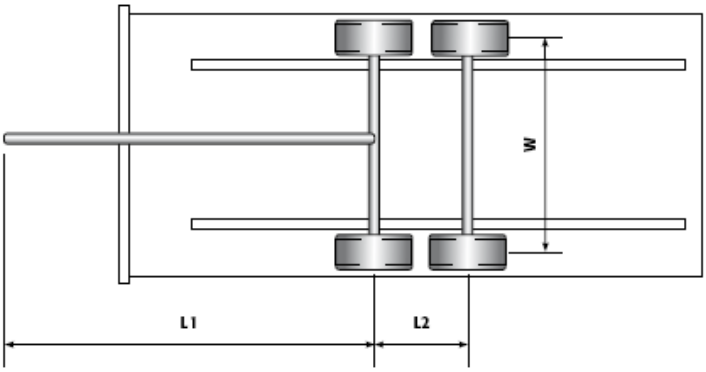
Semi Trailer



Drawbar Trailer



Centre-axle Trailer



Key

W Track width (measured between tyre centres)
L1 Length between coupling point and middle of the first axle
L2 Distance between first axle and second axle in wheel base
L3 Distance between second axle and third axle in wheel base

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