

Wheel alignment

Toe constant "S"

Explanation:

If the wheel moves up or down against spring pressure, the toe of the wheel changes dependent on the compression and rebound travel. The resulting toe values are referred to as toe-in curve.

The change of the toe constant "S" is adjusted with vehicle lifted by vertical displacement of the track rod end, Page => [44-56](#)

The wheel alignment computer calculates the toe constant "S" through a measured value in the starting position and through a measured value in lifted position. It compares the actual values with the specified values and displays them on the screen.

Depending on running gear different adapters are required for lifting.

Table allocation running gear and adapter, Page => [44-41](#)

Note:

An incorrectly set toe constant causes incorrect steering of the vehicle when braking/accelerating or when driving over uneven ground.