

## DIS/Modic Service Function Program

The Service Functions program of the DIS/MoDiC provides the Transport Mode activation/deactivation and Ride Height Offset functions (see next page).

Once the transport mode has been released, or if the system requires left to right side height adjustment, the ride height "OFFSET" must be carried out to ensure that the vehicle's suspension has a base ride height level starting point.

The "HEIGHT OFFSET" is adjusted using the DIS or MoDiC. The procedure is as follows:

- Place the vehicle on a level surface unloaded.
- Access the Height Offset program in the service function menu.
- Measure the base ride height from the lower edge of the wheel housing to the center of the wheel hub.
- Check measured height against the specifications listed
- Use the DIS/MoDiC to correct the ride height if the value differs from the listed specification.

The screenshots show the following steps in the BMW Diagnosis HEIGHT OFFSET program:

- Initial Screen:** Displays instructions: "Press the appropriate keys to move the car to the correct position (measurement with tape measure!). Each key actuation changes the car ride level by 5 to 10 mm." It lists "Specified ride levels" for E39 saloon (360 mm +/- 3mm), E39 touring (360 mm +/- 3mm), and E39 touring with sports chassis (345 mm +/- 3mm).
- Additional Information Screen:** Provides "Additional information" (Car must be in normal position, i.e. in a compensated state) and "Instruction" (One-sided loading and parking on uneven surfaces must be avoided). It repeats the "Specified ride levels" from the first screen.
- Check Screen:** Asks "Check: Is the vehicle height in the specified range?" and lists the same "Specified ride levels". It has radio buttons for "Yes" and "No" (with "No" selected).
- Selection Screen:** Allows selection of which side to adjust: "Left ▲", "Left ▼", "Right ▲", "Right ▼", and "Height O.K." (which is selected).