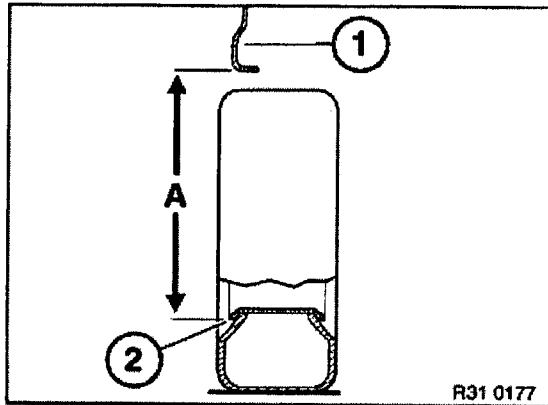


Moving vehicle into normal position,  
refer to Technical Data.



Determine actual ride-level height (A) - measurement from wheel arch lower edge (1) to rim flange (2) at wheel center height. Determine mean value in each case for each wheel after previously raising and lowering vehicle body and establish mean value for axle.

If there is a deviation from specified value,  
refer to Technical Data

Installing new coil spring, refer to section on how to calculate correct coil spring in parts microfiche / EPC.

**31 00 General - Ride Level Height E46**

Ride level in normal position (attach tape measure to rim flange at bottom middle and measure to lower edge of wheel arch)		
Deviation from nominal value for all wheels together	max. mm	10
Series		
15" rim	mm $\pm$ 10	576
16" rim	mm $\pm$ 10	589
17" rim	mm $\pm$ 10	604
18" rim	mm $\pm$ 10	617
Low-slung sports suspension		
15" rim	mm $\pm$ 10	561
16" rim	mm $\pm$ 10	574
17" rim	mm $\pm$ 10	589
18" rim	mm $\pm$ 10	602
Rough road package		
15" rim	mm $\pm$ 10	593
16" rim	mm $\pm$ 10	606
17" rim	mm $\pm$ 10	621
18" rim	mm $\pm$ 10	634

FRONT AXLE

**33 00 General - Ride Level Height E46**

Ride level in normal position (attach tape measure to rim flange at bottom middle and measure to lower edge of wheel arch)		
Deviation from nominal value for all wheels together	max. mm	10
Series		
15" rim	mm $\pm$ 10	542
16" rim	mm $\pm$ 10	555
17" rim	mm $\pm$ 10	570
18" rim	mm $\pm$ 10	583
Low-slung sports suspension		
15" rim	mm $\pm$ 10	526
16" rim	mm $\pm$ 10	539
17" rim	mm $\pm$ 10	554
18" rim	mm $\pm$ 10	567
Rough road package		
15" rim	mm $\pm$ 10	562
16" rim	mm $\pm$ 10	575
17" rim	mm $\pm$ 10	590
18" rim	mm $\pm$ 10	603

REAR AXLE

**31 00 General - Ride Level Height E46 Four Wheel Drive**

Ride level in normal position (attach tape measure to rim flange at bottom middle and measure to lower edge of wheel arch)		
Deviation from nominal value for all wheels together	max. mm	10
Series		
16" rim	mm $\pm$ 10	606
17" rim	mm $\pm$ 10	621
18" rim	mm $\pm$ 10	634

FRONT AXLE

**33 00 General - Ride Level Height E46 Four Wheel Drive**

Ride level in normal position (attach tape measure to rim flange at bottom middle and measure to lower edge of wheel arch)		
Deviation from nominal value for all wheels together	max. mm	10
Series		
16" rim	mm $\pm$ 10	572
17" rim	mm $\pm$ 10	587
18" rim	mm $\pm$ 10	600

REAR AXLE

**31 00 General - Ride Level Height E46 / M3**

Ride level in normal position (attach tape measure to rim flange at bottom middle and measure to lower edge of wheel arch)		
Deviation from nominal value for all wheels together	max. mm	10
Series		
18" rim	mm $\pm$ 10	605
19" rim	mm $\pm$ 10	619

FRONT AXLE

**33 00 General - Ride Level Height E46 / M3**

Ride level in normal position (attach tape measure to rim flange at bottom middle and measure to lower edge of wheel arch)		
Deviation from nominal value for all wheels together	max. mm	10
Series		
18" rim	mm $\pm$ 10	587
19" rim	mm $\pm$ 10	600

REAR AXLE