

2001 BMW X5

2001-2003 SUSPENSION Front Axle - Technical Data - X5 (3.0i)

2001-2003 SUSPENSION**Front Axle - Technical Data - X5 (3.0i)****GENERAL****31 00 FRONT AXLE - RIDE HEIGHT E53/X5 3.0I/X5 3.0D WITH FLARED WHEEL ARCH****FRONT AXLE - RIDE HEIGHT E53/X5 3.0I/X5 3.0D WITH FLARED WHEEL ARCH
SPECIFICATIONS**

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
Steel spring		
17" rim	mm +/- 10	687
18" rim	mm +/- 10	699
19" rim	mm +/- 10	712
20" rim	mm +/- 10	724
1-axle air spring, 2-axle air spring, not low-slung		
17" rim	mm +/- 10	687
18" rim	mm +/- 10	699
19" rim	mm +/- 10	712
20" rim	mm +/- 10	724
2-axle air spring, low-slung		
17" rim	mm +/- 10	672
18" rim	mm +/- 10	684
19" rim	mm +/- 10	696
20" rim	mm +/- 10	708

31 00 FRONT AXLE - RIDE HEIGHT E53/X5 3.0I/X5 3.0D

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FRONT AXLE - RIDE HEIGHT E53/X5 3.0i/X5 3.0d SPECIFICATIONS

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
Steel spring		
17" rim	mm +/- 10	686
18" rim	mm +/- 10	698
19" rim	mm +/- 10	711
20" rim	mm +/- 10	- -
1-axle air spring, 2-axle air spring, not low-slung		
17" rim	mm +/- 10	686
18" rim	mm +/- 10	698
19" rim	mm +/- 10	711
20" rim	mm +/- 10	- -
2-axle air spring, low-slung		
17" rim	mm +/- 10	671
18" rim	mm +/- 10	683
19" rim	mm +/- 10	696
20" rim	mm +/- 10	- -

31 00 GENERAL - TRACK WIDTH/WHEELBASE E53 2-AXLE AIR SUSPENSION, LOW-SLUNG**GENERAL - TRACK WIDTH/WHEELBASE E53 2-AXLE AIR SUSPENSION SPECIFICATIONS**

Track width for normal position and press-in depth (ET)		
-ET40	mm	1579
Wheelbase		2820

31 00 GENERAL - TRACK WIDTH/WHEELBASE E53 HP**GENERAL - TRACK WIDTH/WHEELBASE E53 HP SPECIFICATIONS**

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2001 BMW X5

2001-2003 SUSPENSION Front Axle - Technical Data - X5 (3.0i)

Track width for normal position and press-in depth (ET)		
-ET45	mm	1566
Wheelbase		2820

31 00 GENERAL - TRACK WIDTH/WHEELBASE E53 SERIES

GENERAL - TRACK WIDTH/WHEELBASE E53 SERIES SPECIFICATIONS

Track width for normal position and press-in depth (ET)		
-ET40	mm	1576
-ET48	mm	1560
Wheelbase		2820

WHEEL BEARINGS AND STUB AXLE

31 21 WHEEL BEARINGS AND STEERING KNUCKLE ALL

WHEEL BEARINGS AND STEERING KNUCKLE SPECIFICATIONS

Bearing units lubricated for entire service life and cannot be disassembled		
max. axial runout of wheel hub at wheel bearing flange	max. mm	< 0.03

SPRING STRUT

31 00 FRONT AXLE - RIDE HEIGHT E53/X5 3.0I/X5 3.0D

FRONT AXLE - RIDE HEIGHT E53 / X5 3.0I / X5 3.0D SPECIFICATIONS

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
Steel spring		
17" rim	mm +/- 10	686
18" rim	mm +/- 10	698
19" rim	mm +/- 10	711
20" rim	mm +/- 10	- -
1-axle air spring, 2-axle air spring, not low-slung		
17" rim	mm +/- 10	686
18" rim	mm +/- 10	698

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19" rim	mm +/- 10	711
20" rim	mm +/- 10	--
2-axle air spring, low-slung		
17" rim	mm +/- 10	671
18" rim	mm +/- 10	683
19" rim	mm +/- 10	696
20" rim	mm +/- 10	--

31 00 FRONT AXLE - RIDE HEIGHT E53/X5 3.0I/X5 3.0D WITH FLARED WHEEL ARCH**FLARED WHEEL ARCH SPECIFICATIONS**

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
Steel spring		
17" rim	mm +/- 10	687
18" rim	mm +/- 10	699
19" rim	mm +/- 10	712
20" rim	mm +/- 10	724
1-axle air spring, 2-axle air spring, not low-slung		
17" rim	mm +/- 10	687
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2-axle air spring, low-slung		
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19" rim	mm +/- 10	696
20" rim	mm +/- 10	708

FRONT AXLE GEAR BOX

31 50 FRONT DIFFERENTIAL UNIT E53

FRONT DIFFERENTIAL UNIT E53 SPECIFICATIONS

Oil grade: refer to BMW SERVICE OPERATING FLUIDS .		
New oil filling volume	ltr.	0.7
Oil change volume	ltr.	0.6