

BMW 3-Series 320i & 320xi (12-14), 325i, 325xi, 330i & 330xi (06) & 328i & 328xi (07-14) Haynes Online Manual

Specifications

Front brakes

Caliper type Teves, ATE floating caliper or Brembo

Brake pad friction material minimum thickness 3/32 inch (2.4 mm)

Disc minimum thickness Cast into disc

Maximum disc run-out 0.008 inch (0.2 mm)

Rear disc brakes

Brake pad friction material minimum thickness 3/32 inch (2.4 mm)

Disc minimum thickness Cast into disc

Maximum disc run-out 0.008 inch (0.2 mm)

Parking brake

Shoe friction material minimum thickness 1/16 inch (1.5 mm)

Ft-lbs (unless otherwise indicated) Nm

Torque specifications

Note:

One foot-pound (ft-lb) of torque is equivalent to 12 inch-pounds (in-lbs) of torque. Torque values below approximately 15 foot-pounds are expressed in inch-pounds, because most foot-pound torque wrenches are not accurate at these smaller values.

ABS pressure sensors-to-master cylinder	168 in-lbs	19
ABS wheel sensor retaining bolts	72 in-lbs	8
Brake disc retaining bolt	144 in-lbs	16

Brake hose unions

, 11.39 FW Haynes Offline - DIVIVV 3-3	delles 3201 & 320x1 (12-14), 3231, 323x1, 3301 &	330XI (00
M10 thread	156 in-lbs	17
M12 thread	168 in-lbs	19
Front brake caliper		
Guide pins		
Socket head		
E90, E91, E92 and E93 chassis	22	30
F30, F31 and F34 chassis	20.5	28
Hexagon head	26	35
Mounting bracket bolts	81	110
Brake disc retaining bolt	141 in-lbs	16
Master cylinder mounting nuts*	16	22
Rear brake caliper		
Guide pin bolts		
E90, E91, E92 and E93 chassis		
Socket head	22	30
Hexagon head	26	35
F30, F31 and F34 chassis	20.5	28
Mounting bracket bolts		
E90, E91, E92 and E93 chassis		
M10 bolt	48	65
M12 bolt	81	110
F30, F31 and F34 chassis		
Step 1	22	30
Step 2	Tighten an additional 90 degrees	
Wheel bolts	89	120
Power brake booster mounting nuts*	16	22
Vacuum pump drive sprocket bolt (E-series chassis)	48	65

^{*} Do not re-use

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