



Haynes
shows you how

BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.

Specifications

Brake fluid type See [Chapter 1](#)

Front brakes

Disc minimum thickness	Refer to the dimension marked on the disc
Maximum disc run-out	0.007 inch (0.18 mm)
Brake pad friction material minimum thickness	See Chapter 1

Rear disc brakes

Disc minimum diameter	Refer to the dimension marked on the disc
Maximum disc run-out	0.007 inch (0.18 mm)
Brake pad friction material minimum thickness	See Chapter 1
Parking brake drum diameter (maximum)	6.304 inches (160 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	60 in-lbs	8
Brake bleeder screw		
7 mm	31 to 44 in-lbs	3.5 to 5
9 mm	107 to 142 in-lbs	12 to 16

11 mm	81 to 108 in-lbs	9 to 12
Brake disc retaining screw	144 in-lbs	16
Brake hose fittings		
M10 thread	156 in-lbs	17
M12 thread	168 in-lbs	19
Front brake caliper		
Guide pin bolts	26	35
Mounting bracket bolts	81	110
Master cylinder mounting nuts*	19	26
Rear brake caliper		
Guide pin bolts	26	35
Mounting bracket bolts	49	67
Power brake booster mounting nuts*	16	22
Wheel bolts	See Chapter 1	

*Do not re-use