

2006 - 08 3.2L E86 Z4 M COUPE SPECIFICATIONS

(12/13/09)

Oil Drain Plug (6 mm Allen) Torque	18.5 ft/lbs. (25 N*m)
Oil Filter Element Cover Bolt (13 mm) Torque Oil Filter: P/N 11 42 7 833 769 (Mahle OX 187 D)	24 ft/lbs. (33 N*m)
Engine Oil Volume w/ Oil Filter per SI B 11 03 03 Rev 04/03 (SAE 10W-60 Synthetic, P/N 07 51 0 009 420)	5.8 Qts 5.5 Ltr
Wheel Lug Bolt (17 mm) Torque	81 - 96 ft/lbs. (88 ft/lbs.) (110 - 130 N*m)
Differential Drain/Fill Plug (14 mm Allen) Torque Replace Plugs P/N 33 11 7 525 064	45 ft/lbs. (62 N*m)
Differential Fluid Volume (BMW SAF-XJ)	1.8 Qt. (1.7 Ltr.)
Manual Transmission Drain/Fill Plug (8 mm Allen) Torque Replace Plugs P/N 23 11 7 531 356	26 ft/lbs. (35 N*m)
Manual Trans. Fluid Vol. (BMW MTF-LT-2)	1.6 Qt. (1.5 Ltr.)
Spark Plug Type P/N 12 12 0 022 902	NGK DCPR8EKP
Spark Plug Torque (unlubricated) (TIS 12 12 1AZ) (M14x1.25)	22 +/- 2.2 ft/lbs. (30 +/- 3 N*m)
Brake Bleeder Valve (9 mm) Torque	44 inch/lbs. (3.7 ft/lbs.)(5 N*m)
Brake Caliper Guide Bolt (7 mm Allen) Torque (unlubricated)	18 – 22 ft/lbs. (25 - 30 N*m)
Brake Caliper Bracket Bolt, front (16 mm) Torque	81 ft/lbs. (110 N*m)
Brake Caliper Bracket Bolt, rear (15 mm) Torque	50 ft/lbs. (68 N*m)
Brake disc minimum thickness: FRONT REAR	26.4mm 18.4mm
Oxygen Sensor Torque	40.6 ft/lbs. (55 N*m)
Windshield Wiper Arm Torque (re-tighten after 15 min.)	18 ft/lbs. (25 N*m)