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

Specifications

System type

M52TU 6-cylinder engines	DME (Digital Motor Electronics) MS42 engine management
M54 6-cylinder engines	DME (Digital Motor Electronics) MS43 engine management
M56 6-cylinder engines	DME (Digital Motor Electronics) MS45.1 engine management

Fuel system data

Fuel pump type	Electric, immersed in tank
Fuel pressure regulator rating	50.7 ± 2.9 psi (3.5 ± 0.2 bar)
Specified idle speed	Not adjustable - controlled by ECM

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.

Exhaust manifold nuts*

M6 nuts	84 in-lbs	10
M7 nuts	15	20
M8 nuts	16	22
Front axle reinforcement plate bolts	See Chapter 2A	
Fuel rail-to-inlet manifold bolts	84 in-lbs	10
Fuel tank mounting bolts	17	23

Fuel tank retaining strap bolts	72 in-lbs	8
Inlet manifold nuts:		
M6 nuts	84 in-lbs	10
M7 nuts	132 in-lbs	15
M8 nuts	16	22

*Do not re-use

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