



Automotive Torque Specifications

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Subaru Coupes, Sedans and Wagons 1985-96

Engines

1.8L (1781cc) SOHC 4Cyl		
Component		Torque
Camshaft Case Bolts		13-14 ft. lbs.
Camshaft Sprocket Bolts		7 ft. lbs.
Camshaft Support Bolts		4.3-5.1 ft. lbs.
Crankshaft Damper Bolt		66-79 ft. lbs.
Cylinder Head Bolts	Step 1	22 ft. lbs.
	Step 2	43 ft. lbs.
	Step 3	47 ft. lbs.
Engine Mount-to-Crossmember Fasteners		14-24 ft. lbs.
Exhaust Pipe-to-Engine Nuts		19-22 ft. lbs.
Flywheel-to-Crankshaft Bolts		51-55 ft. lbs.
Intake Manifold Bolts		13-16 ft. lbs.
Main Bearing Bolts	6mm Bolts	3-4 ft. lbs.
	8mm Bolts	17-20 ft. lbs.
	10mm Bolts	29-35 ft. lbs.
Oil Pan Bolts		4 ft. lbs.
Oil Pump By-pass Spring Plug		23-27 ft. lbs.
Oil Pump Pulley Nut		13-15 ft. lbs.
Oil Pressure Switch, Sending Unit or Plug		16-20 ft. lbs.
Piston Pin Access Plugs		46-56 ft. lbs.
Rod Bearing Bolts		29-31 ft. lbs.
Spark Plugs		13-17 ft. lbs.
Thermostat Housing-to-Engine Bolts		7 ft. lbs.
Timing Belt Cover Bolts		48 inch lbs.
Timing Belt Idler Pulley Mounting Bolt		32 ft. lbs.
Timing Belt Tensioner Mounting Bolts		14 ft. lbs.
Valve Cover Bolts		3-4 ft. lbs.
Water Pump Mounting Bolts		7-8 ft. lbs.
Water Pump Pulley Mounting Nuts		7-8 ft. lbs.

Turbocharger Components

Component	Torque
EGR Pipe Bolts	23-27 ft. lbs.
Turbocharger Mounting Bolts	18-25 ft. lbs.
Turbocharger Oil Line Banjo Bolt	11-13 ft. lbs.
Turbocharger Cooling Line Banjo Bolt	16-18 ft. lbs.



Fig. 1 Cylinder head bolt torque sequence-1.8L engine Fig. 2 Timing mark alignment-1.8L engine



Fig. 3 Oil relief pipe and plug-1.8L engine

Fig. 4 Firing order and cylinder location-1.8L engine

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If you have any questions, comments or suggestions, send an e-mail to: autospec@hotmail.com