

Automotive Torque Specifications

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Subaru Coupes, Sedans and Wagons 1985-96

Engines

1.6L (1595cc) OHV 4Cyl		
Component		Torque
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.
Drive Plate-to-Crankshaft Bolts		36-39 ft. lbs.
Exhaust Manifold Bolts		19-22 ft. lbs.
Flywheel-to-Crankshaft Bolts		30-33 ft. lbs.
Flywheel Housing/Timing Gear Cover-to-Engine Bolts		14-20 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		3-4 ft. lbs.
Oil Pump-to-Engine Bolts		5 ft. lbs.
Rod Bearing Bolts		29-31 ft. lbs.
Thermostat Housing-to-Engine Bolts		7 ft. lbs.
Throttle Body-to-Engine Bolts/Nuts (Single point fuel injection)		13-15 ft. lbs.
Throttle Body-to-Engine Bolts/Nuts (Multi point fuel injection)		17-20 ft. lbs.
Valve Cover Bolts		3-4 ft. lbs.
Water Pump Mounting Bolts		7-8 ft. lbs.
Water Pump Pulley-to-Water Pump Nuts		7-8 ft. lbs.

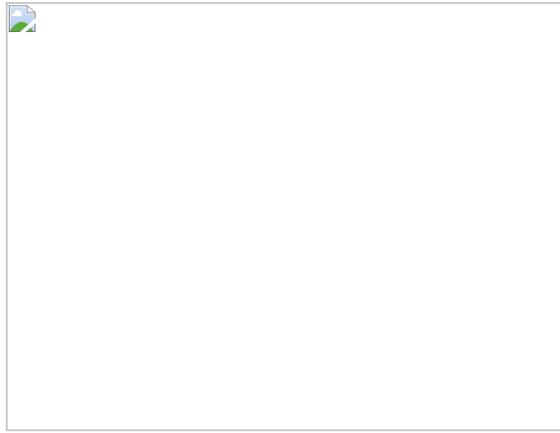
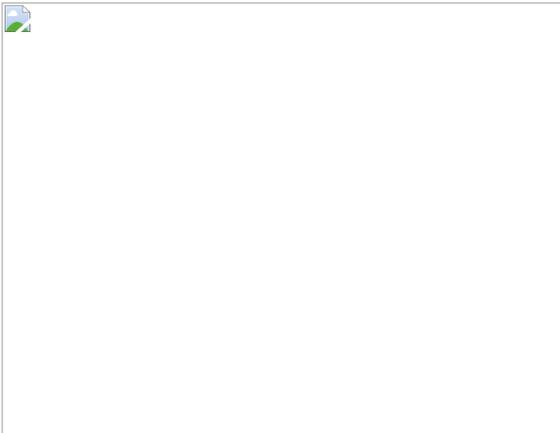


Fig. 1 Cylinder head bolt torque sequence-1.6L engines Fig. 2 Engine block torque sequence-1.6L engines

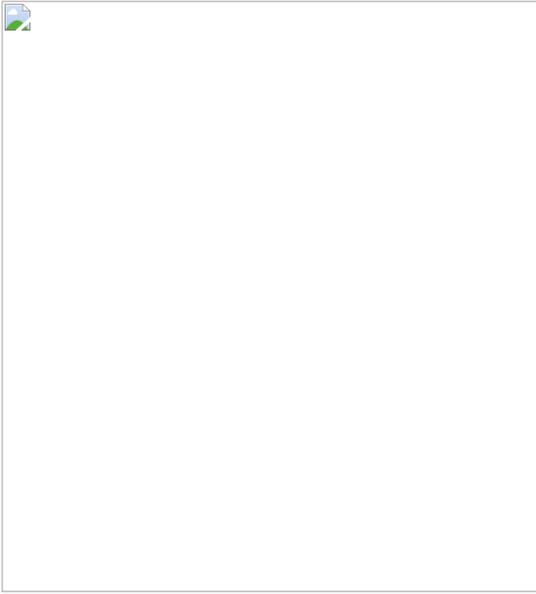


Fig.3 Timing mark alignment-1.6L engines

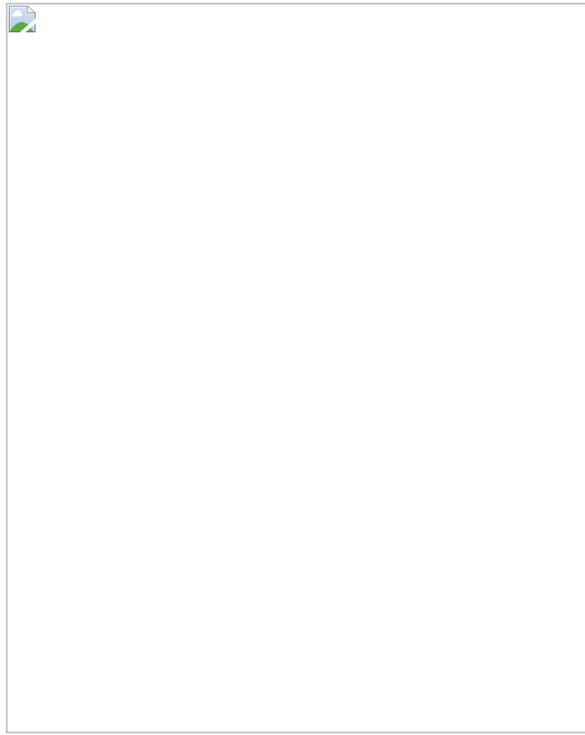


Fig. 4 Firing order and cylinder location-1.6L Engines

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