

Automotive Torque Specifications

[Home](#) [Subaru](#) [Subaru Coupes Sedans and Wagons 1985-96](#)

Subaru Coupes, Sedans and Wagons 1985-96

Engines

1.2L (1189cc) SOHC 3Cyl	
Component	Torque
Balance Shaft Timing Chain Guide Bolts	4-5 ft. lbs.
Camshaft Pulley Bolts	9 ft. lbs.
Crankshaft Damper Bolt	58-72 ft. lbs.
Cylinder Head Bolts	Note
Exhaust Manifold Bolts	14-22 ft. lbs.
Flywheel Bolts	65-71 ft. lbs.
Intake Manifold Bolts	14-22 ft. lbs.
Main Bearing Bolts	30-35 ft. lbs.
Oil Pan Bolts	3-4 ft. lbs.
Oil Pump Cover-to-Crankcase Cover Bolts	8-12 ft. lbs.
Rocker Shaft Bolts	8-11 ft. lbs.
Rod Bearing Bolts	29-33 ft. lbs.
Thermostat Housing-to-Engine Bolts	7-9 ft. lbs.
Throttle Body-to-Engine Bolts (Single point fuel injection)	13-15 ft. lbs.
Throttle Body-to-Engine Bolts (Multi point fuel injection)	17-20 ft. lbs.
Timing Belt Cover Bolts	8-9 ft. lbs.
Valve Cover Bolts	5-6 ft. lbs.
Water Pump Cover-to-Crankcase Cover Bolts	8-12 ft. lbs.
Water Pump Impeller Bolt	7-9 ft. lbs.

NOTE Step 1: Torque bolts in sequence to 29 ft. lbs.

Step 2: Torque bolts in sequence to 54 ft. lbs.

Step 3: Loosen all bolts 90° in reverse order of tightening sequence.

Step 4: Then torque all bolts in sequence to 51-57 ft. lbs.

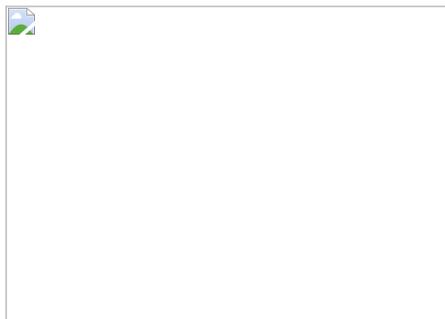
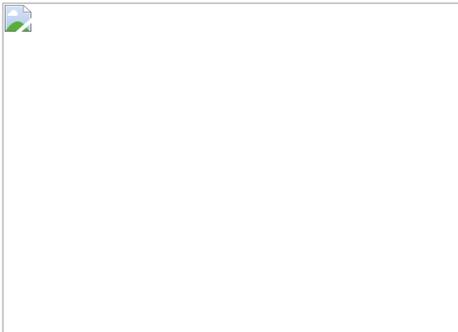


Fig. 1 Cylinder head bolt torque sequence-1.2L Fig. 2 Cylinder head bolt loosening sequence-1.2L

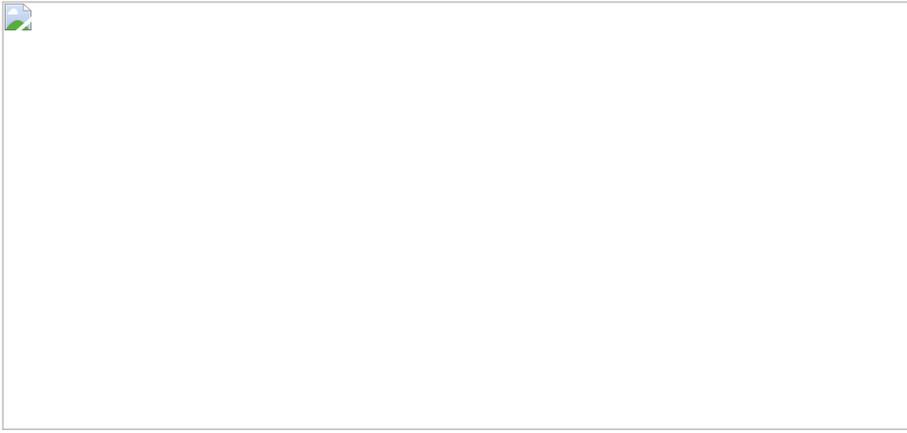


Fig. 3 Water pump assembly-1.2L



Fig. 4 Oil pump assembly-1.2L

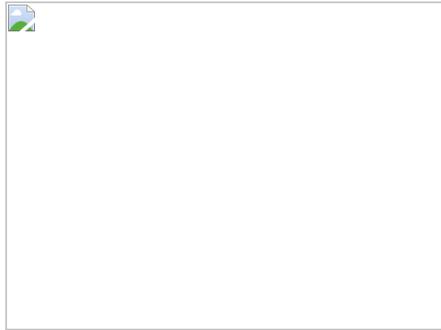


Fig. 5 Camshaft timing mark alignment-1.2L

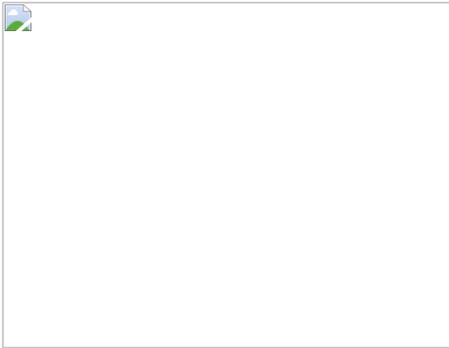


Fig. 6 Crankshaft timing mark alignment-1.2L

[Top of page](#)

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