

Infiniti G35 2003-2007 Workshop Manual

Components (A/T Models)



- | | | |
|---------------------------------------|-----------------------------|---------------------------------------|
| 1. Timing chain tensioner (secondary) | 2. Intake chain guide | 3. Timing chain tensioner (secondary) |
| 4. Camshaft sprocket (L/R) | 5. Timing chain (secondary) | 6. Timing chain (primary) |

Cylinder Head Distortion

NOTE:

When performing the inspection, cylinder block distortion should be also checked. Refer to [Cylinder Block Distortion](#).

- Using scraper, wipe off oil, scale, gasket residue, etc. from the cylinder head. Do not allow gasket fragments to remain on the cylinder head or engine cooler.
- At each of several locations on the top surface of cylinder head, measure the distortion in six directions.
 - If it exceeds 0.5 mm (0.020 in.), replace the cylinder head.

Cylinder Head Gasket

When work is completed, the 1 piston is set at TDC.

- Crankshaft key should line up with the right bank cylinder center line as shown in the figure.

- Install cylinder head before the steps below to tighten cylinder head bolts in numerical order as shown in the figure.

CAUTION: If cylinder head bolts reused, check their outer diameters before installation. Refer to [Cylinder Head Bolt](#).

- Apply new engine oil to threads and seat surfaces of cylinder head bolts.
- Tighten all bolts.

18.1 Nm (14 kg-m, 13 ft-lb)

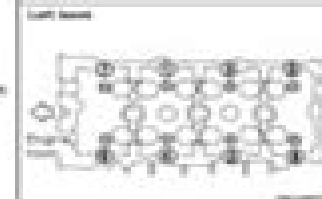
- Completely loosen.

0 Nm (0 kg-m, 0 ft-lb)

CAUTION: In step "b", loosen bolts in reverse order of that indicated in the figure.

- Tighten all bolts.

34.2 - 44.1 Nm (2.6 - 3.3 kg-m, 25 - 32 ft-lb)



G35 Maintenance Manual

CH Cherryholmes

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the CH Cherryholmes text.

G35 Maintenance Manual:

The Enigmatic Realm of **G35 Maintenance Manual**: Unleashing the Language is Inner Magic

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