

TO: PARTS MANAGER   
SERVICE MANAGER

**No. 96-2**

## Hino Cylinder Head Gasket

### Models

Hino W04C-TA (150 HP)

Hino W04C-TI (210 HP)

### Change

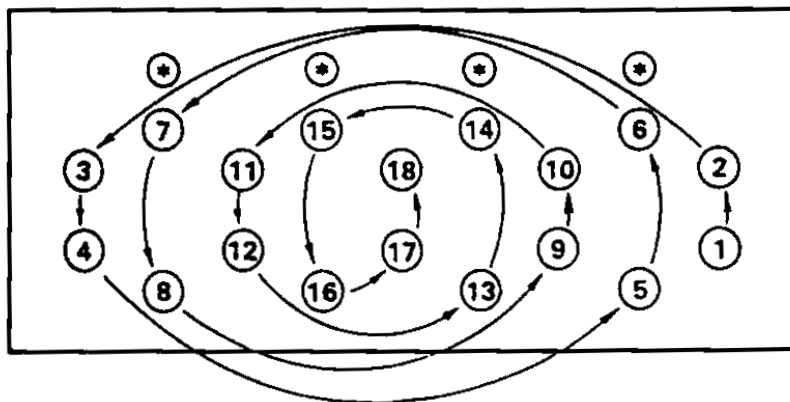
Use the following guide to determine the proper head gasket for the Hino W04C series engines.

Model	Hino Block Number	Cylinder Head Gasket
W04CTA	TA22557 and lower	831152271 or 831151821
	TA22558 and higher	831152271
W04CTI	TA22557 and lower	831152271 or 831151821
	TA22558 and higher	831152271

The Hino block number can be found on the port side of the engine, behind the injection pump. The cylinder head gasket P/N 831152271 has larger coolant passages which are required on engines TA22558 and higher.

Apply engine oil to the threads of the cylinder head bolts and under the bolt heads. Tighten the head bolts in three stages with the final stage torqued to specification, 94-101 lb. ft.(127-137 N·m).

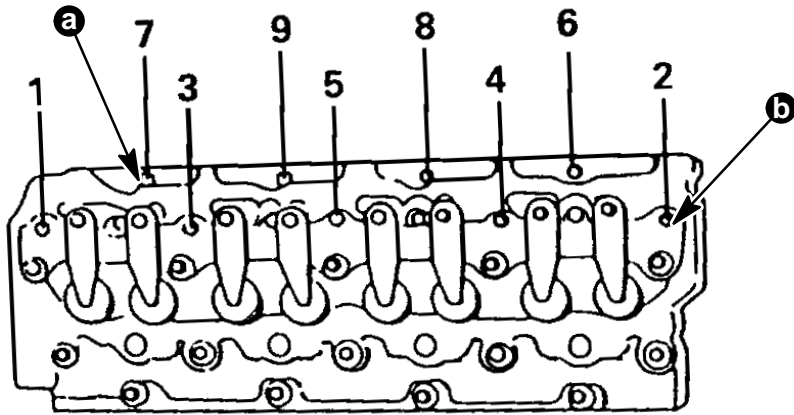
### EXHAUST SIDE



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### INTAKE SIDE

Then in sequence tighten additional cylinder head bolts and rocker arm supports in three stages with the final stage torqued to specification. Cylinder head bolts 33-36 lb. ft. (45-49 N·m) Rocker arm support bolts 14-18 lb. ft. (19-24 N·m). (Refer to the following chart for valve adjustment specifications.)



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- d - Cylinder Head Bolts
- e - Rocker Arm Support Bolts

Set valve clearance to specification from chart below.

Valve clearance (cold)

Unit: mm (in.)

	W04D	W04C-T	W04C-TI
Intake	0.30 (0.0118)	0.30 (0.0118)	0.35 (0.0138)
Exhaust	0.40 (0.0157)	0.45 (0.0177)	0.50 (0.0197)

An additional re-torque of the cylinder head bolts should be done after 30 hours, along with a valve clearance check and adjustment. Check the appropriate Hino Operations Handbook for specifications.