







Checking Valve Clearance

IMPORTANT

- The valve clearance must be checked and adjusted when engine is cold.
- Remove the cylinder head cover (1) and the glow plugs.
- Align the "1TC" mark (2) on the flywheel and alignment mark (3) on the rear end plate so that the No. 1 piston comes to the compression top dead center.
- Check the following valve clearance marked with "* using a thickness gauge.
- If the clearance is not within the factory specifications, adjust with the adjusting screw.
- Then turn the flywheel 6.28 rad (360°), and align the "1TC" mark (2) on the flywheel and alignment mark (3) on the rear end plate so that the No.1 piston comes to the overlap position.
- Check the following valve clearance marked with "sir" using a thickness gauge.

Cylinder No.	No.1	No.2	No.3
Indake valve	*	in the last	
Extraount valve	•	- W	

★: When No.1 piston is at the compression top dead center position.

th: When No.1 piston is at the overlap position.

If the clearance is not within the factory specifications, adjust with the adjusting screw.

	45 to 0.185 mm 0571 to 0.00728 in.
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MOTE

- The sequence of cylinder numbers is given as No.1, No.2 and No.3 starting from the gear case side.
- After adjusting the valve clearance, secure the adjusting screw with the lock nut.
- (1) Cylinder Head Cover
- (2) TITOT Mark
- (3) Alignment Mark

A: Gear Case Side

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