

ADJUSTMENTS

VALVE CLEARANCE ADJUSTMENT

NOTE: Valve lifters are set at zero lash. No adjustment is necessary. If valve seat/face has been serviced or worn parts are suspected, check valve clearance.

1. Following procedure is done with front cover removed. Rotate crankshaft to position "A". See **Fig. 1**. Completely collapse No. 1 intake valve lifter. While holding valve lifter fully collapsed, use feeler gauge to measure clearance of No. 1 intake valve between rocker arm and tip of valve stem.
2. Collapsed valve clearance should be .088-.189" (2.23-4.80 mm) on all valves. Repeat procedure for specified valves. See, in this article, **VALVE ADJUSTMENT SEQUENCE** table.

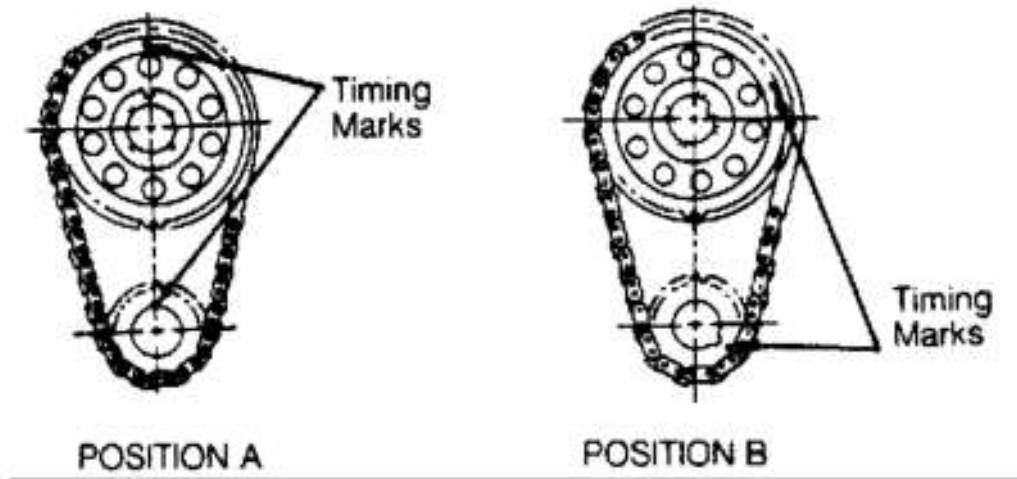


Fig. 1: Identifying Valve Adjustment Positions
Courtesy of FORD MOTOR CO.

3. Rotate crankshaft to position "B". See **Fig. 1**. While holding valve lifter fully collapsed, use feeler gauge to measure clearance of No. 1 exhaust valve between rocker arm and tip of valve stem. Repeat procedure for specified valves. See, in this article, **VALVE ADJUSTMENT SEQUENCE** table.
4. If valve clearance on any valve is not .088-.189" (2.23-4.80 mm), grind valve stem or replace valve as necessary. See, at end of article, **VALVES & VALVE SPRINGS** table under ENGINE SPECIFICATIONS.

NOTE: DO NOT remove more than .010" (.25) from end of valve stem when resurfacing tip of valve.

VALVE ADJUSTMENT SEQUENCE

Crankshaft Position	Adjust Exhaust Valves Of Cylinder	Adjust Intake Valves Of Cylinder

A	2 & 5	1 & 4
B	1, 3, 4 & 6	2, 3, 5 & 6