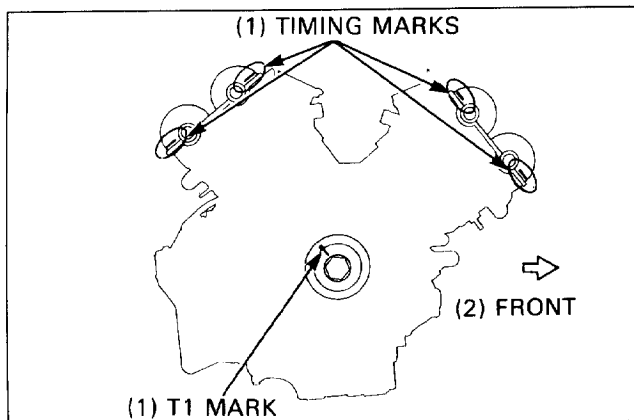


## Cylinder Head/Valves

Valve timing will be correct when the timing marks are level with the cylinder head upper edges, and the timing marks on the intake and exhaust camshaft face opposite each other.



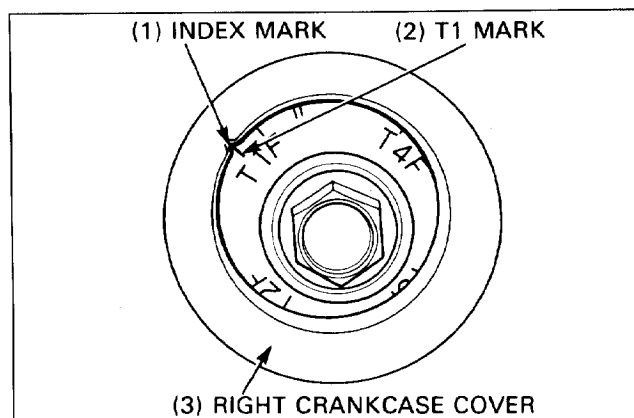
### When Only the Front Cylinder Camshafts Were Removed

Align the T1 mark with the index mark on the right crankcase cover.

Remove the rear cylinder head cover.

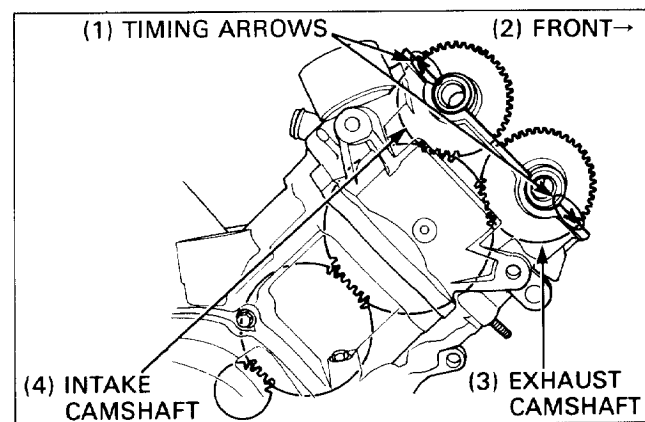
Make sure #1 cylinder is at TDC on the compression stroke. If it is not, turn the crankshaft clockwise one full turn (360°) and make sure T1 mark aligns with the index mark on the right crankcase cover.

Rotate the crankshaft clockwise 1¼ turns (450°) to align the T2 mark on the starter clutch with the index mark on the right crankcase cover.



Apply molybdenum oil solution to the cam lobes.

Install the camshafts onto the front cylinder head so that the timing arrows on the camshaft gears face opposite each other as shown.



Install the camshaft holder dowel pins onto the rear cylinder head.

Install the holders in the correct positions, checking the identification marks on the holders and the cylinder head. Tighten the holder bolts in the sequence as shown.

**Torque: 12N · m(1.2kg-m, 9ft-lb)**

Make sure the timing arrows on the camshaft gears are level with cylinder head upper edge and facing opposite each other.

