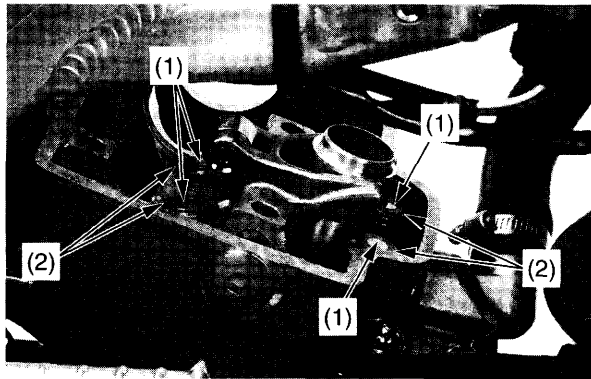


Camshaft Installation

1. Install the newly selected shims (1) on the valve retainers (2).

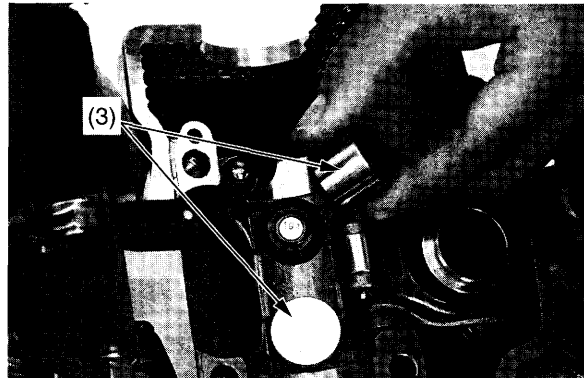
NOTICE

Do not let the shims fall into the crankcase.



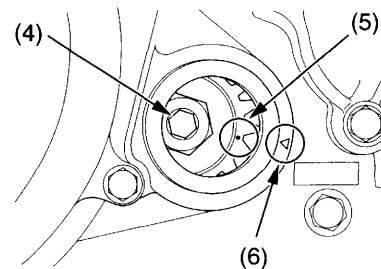
(1) shims (2) valve retainers

2. Apply molybdenum disulfide oil (a mixture of 1/2 engine oil and 1/2 molybdenum disulfide grease containing more than 3% molybdenum disulfide additive) to the outer surface of the each the valve lifters (3).
Install the valve lifters to the proper position.



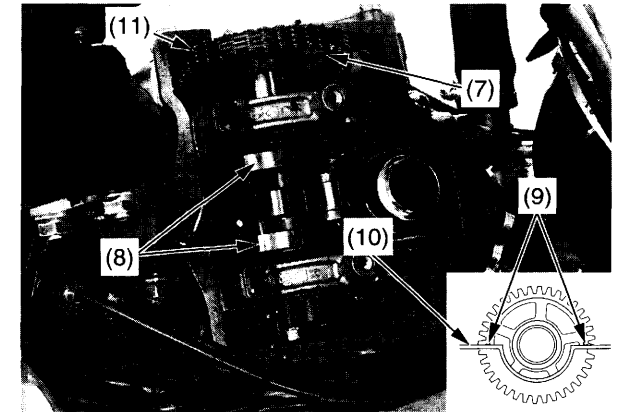
(3) valve lifters

3. Rotate the primary drive gear bolt (4) (crankshaft) clockwise and align the punch mark (5) with the "Δ" mark (6).



(4) primary drive gear bolt
(5) punch mark
(6) "Δ" mark

4. Apply molybdenum oil solution to the camshaft journals and cam lobes.
Place the cam sprocket (7) with the intake cam lobes (8) facing up and align the timing mark (9) on the cam sprocket with the surface of the cylinder head (10).
Install the cam chain (11) over the sprocket without rotating the sprocket.



(7) cam sprocket
(8) intake cam lobes
(9) timing mark
(10) surface of the cylinder head
(11) cam chain

(cont'd)