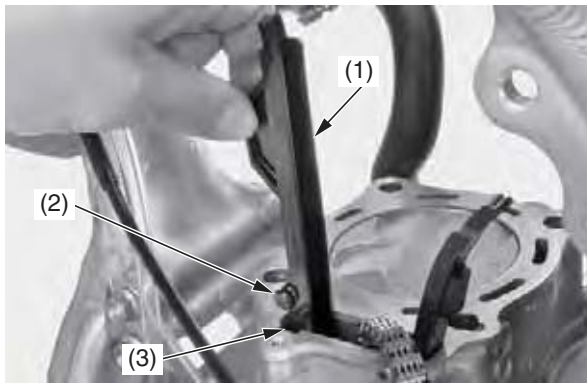


## Cylinder Head Installation

1. Clean any gasket material off cylinder head.
2. Install the cam chain guide (1) and fit the cam chain guide tabs (2) in the cylinder cut-outs (3). Push the guide until it bottoms in the crankcase guide groove.

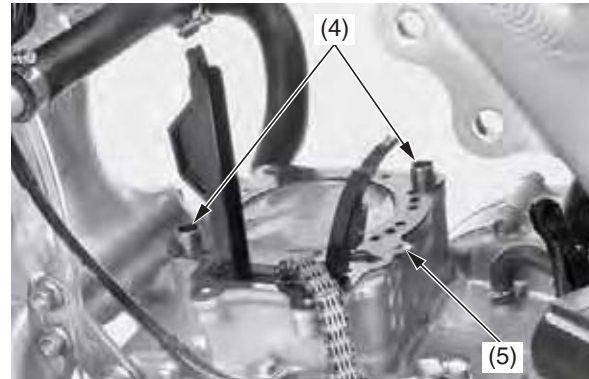


(1) cam chain guide      (3) cylinder cut-outs  
(2) cam chain guide tabs

3. Install the dowel pins (4) and a new cylinder head gasket (5).

### NOTICE

*Do not let the dowel pins fall into the crankcase.*



(4) dowel pins  
(5) cylinder head gasket (new)

4. Route the cam chain through the cylinder head and install the cylinder head (6).

### NOTICE

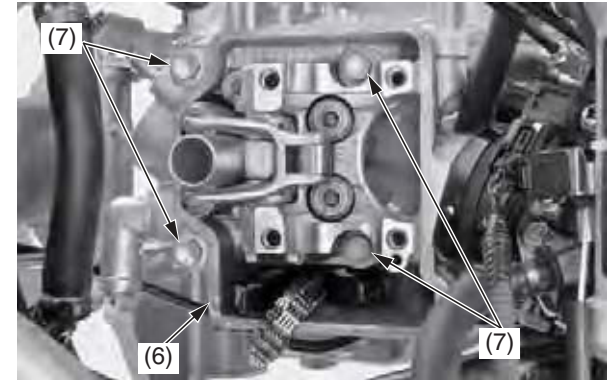
*Do not damage mating surfaces when installing the cylinder head.*

5. Apply engine oil to all cylinder head B bolt threads and seating surface. Install the washers and cylinder head B bolts (7). Install the cylinder bolt (8) and cylinder head A bolts (9).

6. Tighten the washers and cylinder head B bolts to the specified torque in a crisscross pattern in two or three steps:  
33 lbf·ft (45 N·m, 4.6 kgf·m)

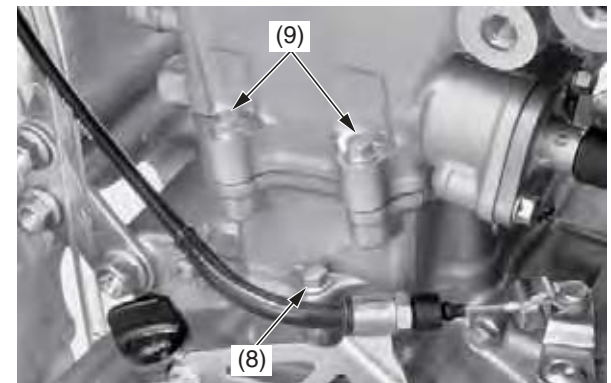
### NOTICE

*Do not let the washers fall into the crankcase.*



(6) cylinder head  
(7) washers and cylinder head B bolts

7. Tighten the cylinder bolt and cylinder head A bolts to the specified torque:  
7 lbf·ft (10 N·m, 1.0 kgf·m)



(8) cylinder bolt  
(9) cylinder head A bolts