

13. Under the condition mentioned above, pull the cam chain to align the top of the cylinder head with the matching lines on the cam sprocket. At this time, set the cam sprocket to the camshaft.
14. Rotate the camshaft until the thread holes in the camshaft and cam sprocket are aligned and tighten one fixing bolt. Rotate the crankshaft and tighten the other fixing bolt.

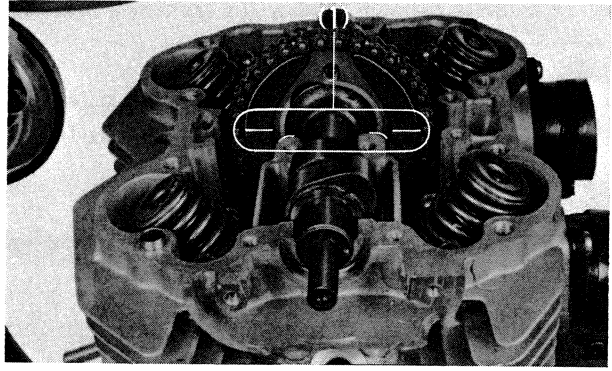


Fig. 4-36 (1) Matching lines on cam sprocket

15. Install the cam chain tensioner holder.

NOTE:

Attach the cam chain tensioner holder damper with the narrow side toward the cam sprocket.

16. Fill the cylinder head oil baths with oil. Also apply a coat of oil to the camshaft journals.
17. Apply a coat of oil to the tachometer gear, rocker arm shafts and rocker arms.
18. When installing the cylinder head cover, position the camshaft by slowly rotating so that all cam lobes are towards the bottom to avoid the rocker arms from contacting the cover.

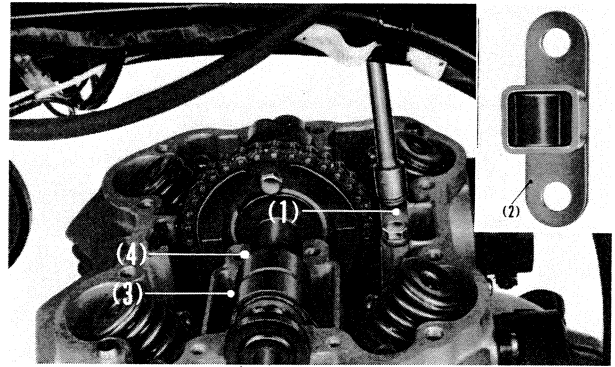


Fig. 4-37 (1) Cam chain tensioner holder
(2) Damper
(3) Oilbath
(4) Camshaft journal

19. Apply a coat of sealing agent to the cylinder head cover. While rotating the camshaft, install the head cover. Slowly tighten the head cover bolts in the numerical order shown at right.

NOTES:

1. Take care not to drip excess sealing agent on the other parts.
2. Use the following bolts:
(1)–(6): 6 x 45 mm, (3) and (5) need a washer.
(7), (8), (10), (11), (12): 8 x 45 mm, (12) needs a cable clasper.
(13)–(14): 8 x 60 mm, (13) needs a cable clasper.

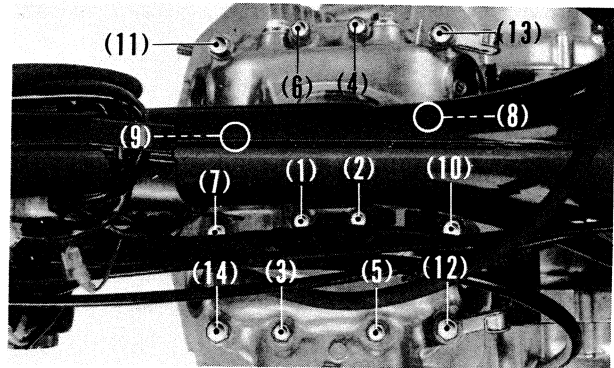


Fig. 4-38 Cylinder head cover tightening sequence

20. Install the spark advancer and contact breaker by fitting the holes onto the camshaft dowel pin.
21. Adjust the cam chain tension.
22. Adjust the tappet clearance.
23. Adjust the ignition timing and point gap.

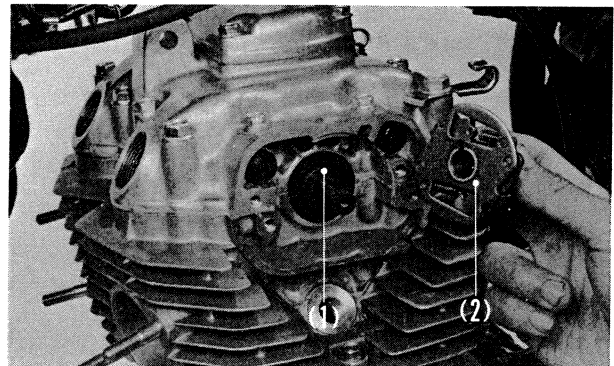


Fig. 4-39 (1) Dowel pin
(2) Spark advancer