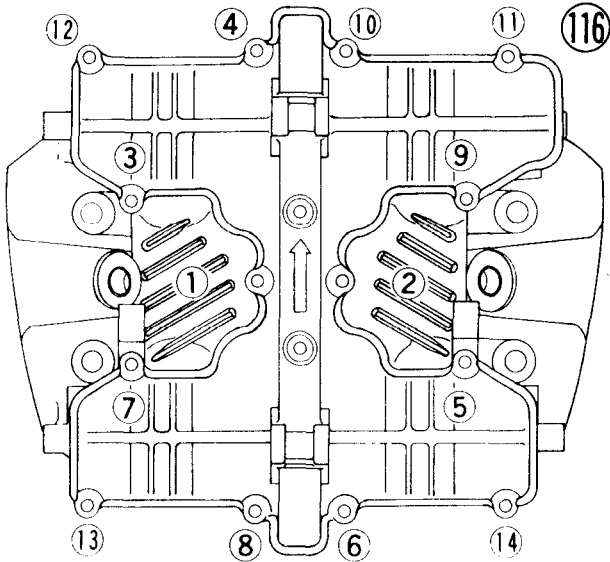


40 DISASSEMBLY

Cylinder Head Cover Bolt Tightening Order



- Install the brackets connecting the cylinder head cover to the frame. There are spacers (2) between the brackets. Each bolt has a lock washer. Tighten the nuts with 1.6-2.2 kg-m (11.5-16.0 ft-lbs) of torque.
- Connect the blue and yellow/red contact breaker leads to the same color leads which were disconnected.
- Connect the spark plug lead on each spark plug.
- Install the fuel tank (Pg. 32).
- Adjust the camshaft chain (Pg. 11) and install the cap and O ring.
- Install the contact breaker cover gasket and cover.

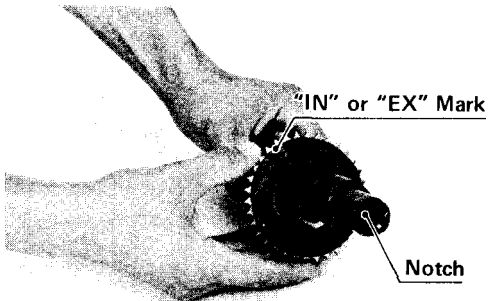
CAMSHAFT SPROCKET

Removal (on each camshaft):

- Remove the camshaft (Pg. 37).
- Remove the camshaft sprocket nuts (3), and slide the sprocket off the camshaft.

Installation:

- Set the sprocket on the camshaft aligning the bolt holes. The side marked "IN" on the inlet camshaft sprocket or "EX" on the exhaust camshaft sprocket must face the notch on the shaft end.

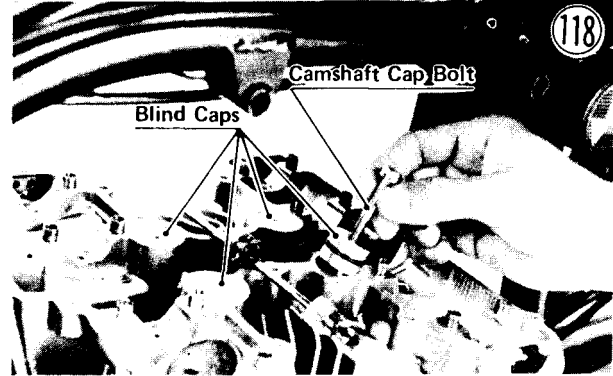


- Apply a non-permanent locking agent to sprocket bolts (3), and install bolts tightening them with 1.4—1.6 kg-m (10-11.5 ft-lbs) of torque.
- Install the camshaft (Pg. 38).

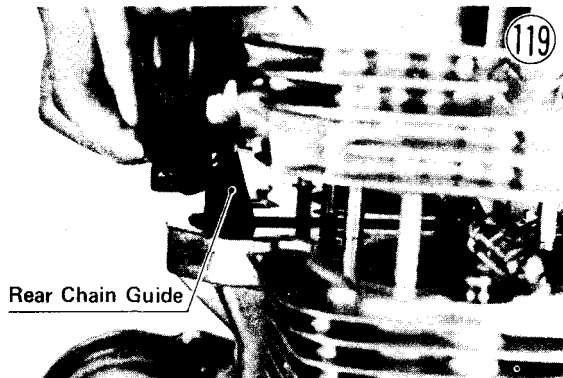
CYLINDER HEAD

Removal:

- Remove the mufflers (Pg. 32).
- Remove the carburetors (Pg. 33).
- Remove the camshafts (Pg. 37).
- Using the camshaft cap bolt, pull out the blind caps (4).



- Remove the cylinder head nuts (8) from the upper cylinder head, and bolts (3) from the bottom of the cylinder head (rear 2, front 1).
- Pull off the cylinder head, and remove the cylinder head gasket. To avoid chain guide interference with the cylinder head, lift the cylinder head up approximately 30 mm, pull the rear chain guide up slightly and slide forward, and pull the head out toward the rear taking care not to damage the camshaft chain guides.



Installation:

- NOTE:** The camshaft caps are machined together with the cylinder head, so, if a new cylinder head is installed, use the caps that are supplied with the new head.
- Using compressed air, blow out any particles which may obstruct the oil passages and orifices. Check the O rings on each orifices, and replace them if deteriorated or damaged.
 - Install a new cylinder head gasket. Check to see that oil passage orifices (2) are in place, that the small hole in each orifice faces up, and the head gasket face marked "TOP" is facing up.