

CYLINDER HEAD/VALVES

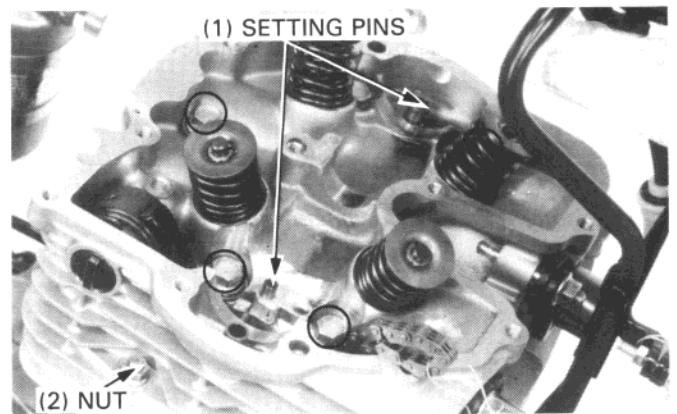
Install the camshaft bearing setting pins.

Install the cylinder head.

Tighten the cylinder head bolts in a crisscross pattern in two or more steps.

TORQUE: 30 N·m (3.0 kg-m, 22 ft-lb)

Tighten the cylinder head nuts.



CAMSHAFT INSTALLATION

Apply MoS₂ grease to the camshaft bearings and install them onto the camshaft; the sealed bearing goes on the sprocket side with the seal facing out.

If both bearings are the sealed type, point their seals facing away from the camshaft.

NOTE

Some sources of MoS₂ paste grease with 40% or more molybdenum are:

- Molykote® G-n Paste manufactured by Dow Corning, U.S.A.
- Honda Moly 45 (U.S.A only)
- Rocol ASP manufactured by Rocol Limited, U.K.
- Rocol Paste manufactured by Sumico Lubricant, Japan.

Any other manufacturer's paste grease equivalent to the above may also be used.

Place the cam sprocket outside the cam chain with its dished face toward the left side.

Install camshaft through the sprocket and cam chain.

Turn the crankshaft and align the "T" mark on the flywheel with the index notch on the left crankcase cover.

TOOL:

CAM CHAIN TENSIONER HOLDER 07973-MG30003

Align the timing marks on the cam sprocket with the upper surface of the cylinder head and install the cam chain over the sprocket without rotating the sprocket.

Position the cam sprocket onto the shoulder of the camshaft and install one cam sprocket bolt.

Turn the crankshaft and install the other sprocket bolt. Tighten the sprocket bolts to the specified torque.

TORQUE: 20 N·m (2.0 kg-m, 14 ft-lb)

Remove the tensioner holder.

