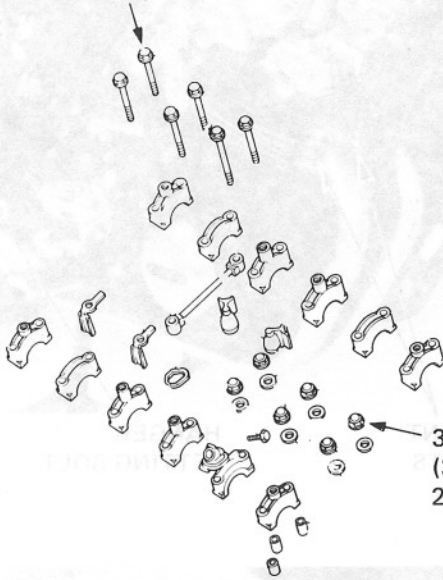


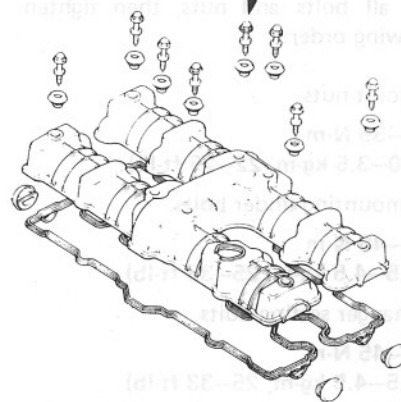


CYLINDER HEAD/VALVE

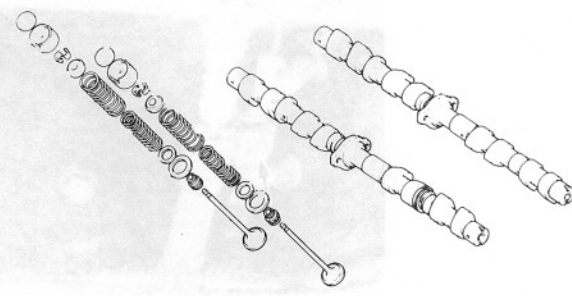
12-16 N·m
(1.2-1.6 kg·m,
9-12 ft·lb)



8-12 N·m
(0.8-1.2 kg·m,
6-9 ft·lb)

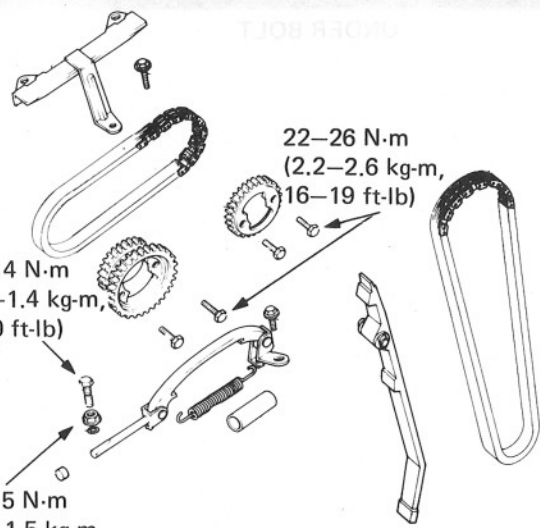


36-40 N·m
(3.6-4.0 kg·m,
26-29 ft·lb)



ORDER BOLT

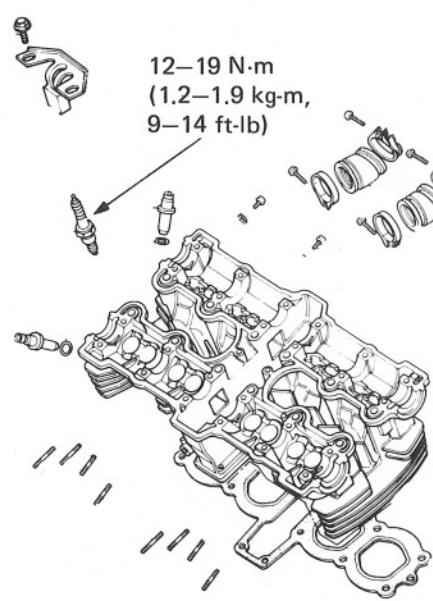
10-14 N·m
(1.0-1.4 kg·m,
7-10 ft·lb)



22-26 N·m
(2.2-2.6 kg·m,
16-19 ft·lb)

11-15 N·m
(1.1-1.5 kg·m,
8-11 ft·lb)

12-19 N·m
(1.2-1.9 kg·m,
9-14 ft·lb)



21-15 N·m
(2.1-1.5 kg·m,
15-18 ft·lb)



HONDA
CB1000C

6. CYLINDER HEAD/VALVE

SERVICE INFORMATION	6- 1	VALVE GUIDE REPLACEMENT	6-15
TROUBLESHOOTING	6- 2	VALVE SEAT INSPECTION/REFACING	6-16
CAMSHAFT REMOVAL	6- 3	CYLINDER HEAD ASSEMBLY	6-17
CYLINDER HEAD REMOVAL	6- 9	CYLINDER HEAD INSTALLATION	6-18
CYLINDER HEAD DISASSEMBLY	6-11	CAMSHAFT INSTALLATION	6-20

SERVICE INFORMATION

GENERAL

- The engine must be removed from the frame to remove the cylinder head.
- Camshaft lubricating oil is fed through an oil line. Be sure the hole in the oil line is not clogged.
- During assembly, apply molybdenum disulfide to the camshaft bearings to provide initial lubrication. Pour clean engine oil into the oil pockets in the cylinder head to lubricate the camshafts.
- Marks A thru L on the camshaft holders indicate installation order; A to E are for the EX. side and F to L are for the IN. side from left to right respectively. When installing, be sure the "↑" mark faces forward.

SPECIFICATIONS

			STANDARD	SERVICE LIMIT
Compression pressure			12 ± 2 kg/cm ² (171 ± 28 psi)	—
Camshaft	Cam height	IN.	37.420–37.580 mm (1.4732–1.4795 in)	37.3 mm (1.47 in)
		EX.	37.920–38.080 mm (1.4929–1.4992 in)	37.8 mm (1.49 in)
	Oil clearance	A and F	0.040– 0.082 mm (0.0016–0.0032 in)	0.13 mm (0.005 in)
		Tachometer gear holder and G	0.062– 0.109 mm (0.0024–0.0043 in)	0.16 mm (0.006 in)
		B and H	0.085– 0.139 mm (0.0033–0.0055 in)	0.19 mm (0.008 in)
		C and J	0.085– 0.139 mm (0.0033–0.0055 in)	0.19 mm (0.008 in)
		D and K	0.062– 0.109 mm (0.0024–0.0043 in)	0.16 mm (0.006 in)
		E and L	0.040– 0.082 mm (0.0016–0.0032 in)	0.13 mm (0.005 in)
	Run out		—	0.1 mm (0.004 in)
Side clearance		0.05 – 0.25 mm (0.002 –0.0098 in)	0.4 mm (0.02 in)	
Valve lifter	Valve lifter O.D.		27.972–27.993 mm (1.1013–1.1021 in)	27.96 mm (1.101 in)
	Valve lifter bore I.D.		28.010–28.026 mm (1.1028–1.1034 in)	28.04 mm (1.104 in)
	Lifter to cylinder head clearance		—	0.07 mm (0.003 in)
Valve spring	Free length	IN. Outer	43.9 mm (1.73 in)	42.5 mm (1.67 in)
		IN. Inner	40.7 mm (1.60 in)	39.8 mm (1.57 in)
		EX. Outer	43.9 mm (1.73 in)	42.5 mm (1.67 in)
		EX. Inner	40.7 mm (1.60 in)	39.8 mm (1.57 in)
	Preload/length	IN. Outer	12.6–14.6 kg/37.5 mm (27.78–32.19 lbs/1.48 in)	12.0 kg/37.5 mm (26.46 lbs/1.48 in)
		IN. Inner	6.39–7.81 kg/34.5 mm (14.087–17.218 lbs/1.36 in)	6.0 kg/34.5 mm (13.23 lbs/1.36 in)
		EX. Outer	12.6–14.6 kg/37.5 mm (27.78–32.19 lbs/1.48 in)	12.0 kg/37.5 mm (26.46 lbs/1.48 in)
		EX. Inner	6.39–7.81 kg/34.5 mm (14.087–17.318 lbs/1.36 in)	6.0 kg/34.5 mm (13.23 lbs/2.36 in)



		STANDARD		SERVICE LIMIT
Valve guide and valve	Valve stem O.D.	IN.	5.475–5.490 mm (0.2156–0.2161 in)	5.47 mm (0.215 in)
		EX.	5.455–5.470 mm (0.2148–0.2154 in)	5.45 mm (0.214 in)
	Valve guide I.D.	IN.	5.500–5.515 mm (0.2165–0.2171 in)	5.54 mm (0.218 in)
		EX.	5.500–5.515 mm (0.2165–0.2171 in)	5.54 mm (0.218 in)
	Stem-to-guide clearance	IN.	0.010–0.040 mm (0.0004–0.0016 in)	0.07 mm (0.003 in)
		EX.	0.030–0.060 mm (0.0012–0.0024 in)	0.09 mm (0.004 in)
Valve seat width		1.0 mm (0.004 in)		1.5 mm (0.06 in)
Cylinder head	Warpage	—		0.10 mm (0.004 in)
Cam chain	Length	175.70–175.92 mm (6.917–6.926 in)		177.3 mm (6.98 in)

TORQUE VALUES

Cam chain tensioner bolt	10–14 N·m (1.0–1.4 kg-m, 7–10 ft-lb)
Cam chain tensioner lock nut	11–15 N·m (1.1–1.5 kg-m, 8–11 ft-lb)
Cylinder head cover bolts	8–12 N·m (0.8–1.2 kg-m, 6–9 ft-lb)
Camshaft holder bolts	12–16 N·m (1.2–1.6 kg-m, 9–12 ft-lb)
Cylinder head bolts	36–40 N·m (3.6–4.0 kg-m, 26–29 ft-lb)
Cam sprocket bolts	22–26 N·m (2.2–2.6 kg-m, 16–19 ft-lb)
Spark plugs	12–19 N·m (1.2–1.9 kg-m, 9–14 ft-lb)
Oil pipe line bolts	21–25 N·m (2.1–2.5 kg-m, 15–18 ft-lb)

TOOLS

Special

Valve guide reamer	07984–2000000
Valve lifter hole protector	07999–4220000

Common

Valve guide remover; 5.5 mm	07742–0010100	} or 07942–3290100
Valve guide driver	07742–0020200	
Valve spring compressor	07757–0010000	

TROUBLESHOOTING

Engine top-end problems are usually performance-related and can be diagnosed by a compression test, or are engine noises which can be traced to the top-end with a sounding rod or stethoscope.

Low Compression or Uneven compression

- Valves
 - Incorrect valve adjustment.
 - Burned or bent valves.
 - Incorrect valve timing.
 - Broken valve spring.
- Cylinder head
 - Leaking or damaged head gasket.
 - Warped or cracked cylinder head.
- Cylinder and piston (Refer to Section 7).

Compression too High

- Excessive carbon build-up on piston head or combustion chamber.

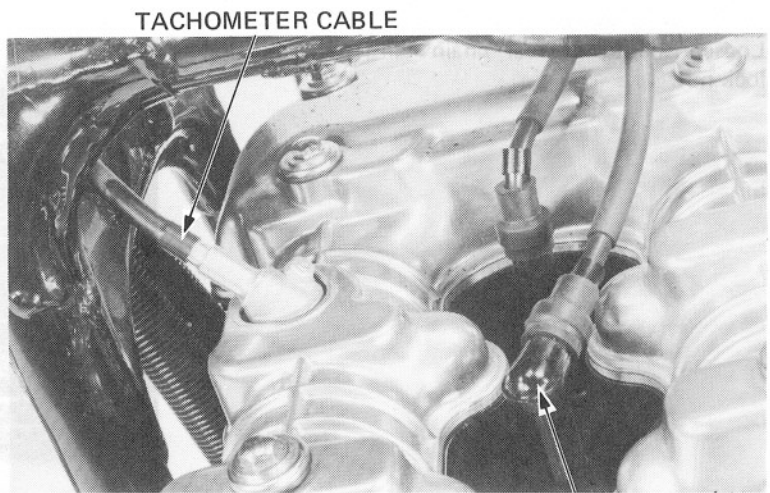
Excessive Noise

- Incorrect valve adjustment.
- Sticking valve or broken valve spring.
- Damaged or worn camshaft.
- Loose or worn cam chain.
- Worn or damaged cam chain tensioner.
- Worn cam sprocket teeth.

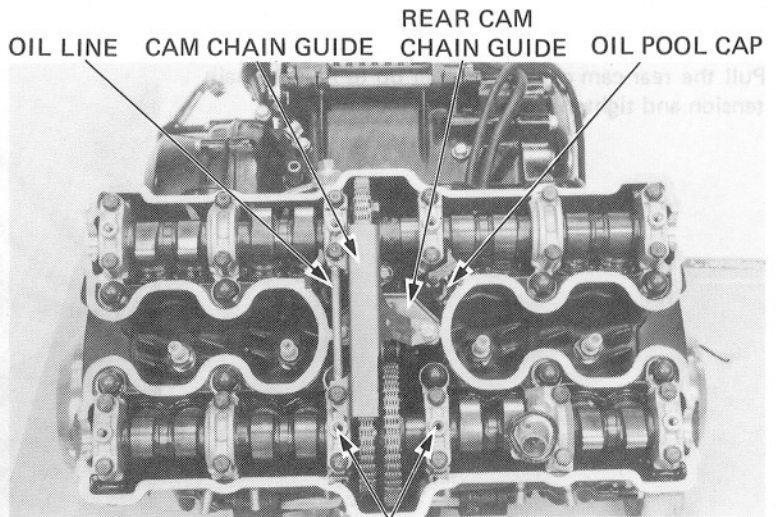


CAMSHAFT REMOVAL

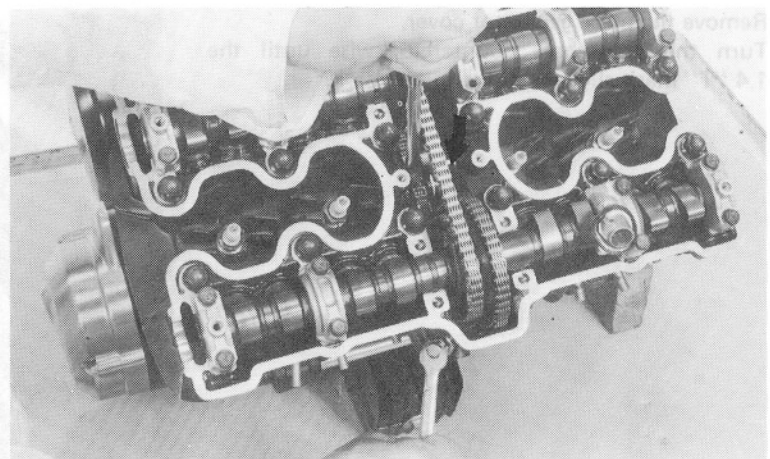
Place the motorcycle on its center stand.
Remove the seat and the fuel lines and fuel tank.
Disconnect the tachometer cable, and remove the spark plug caps.



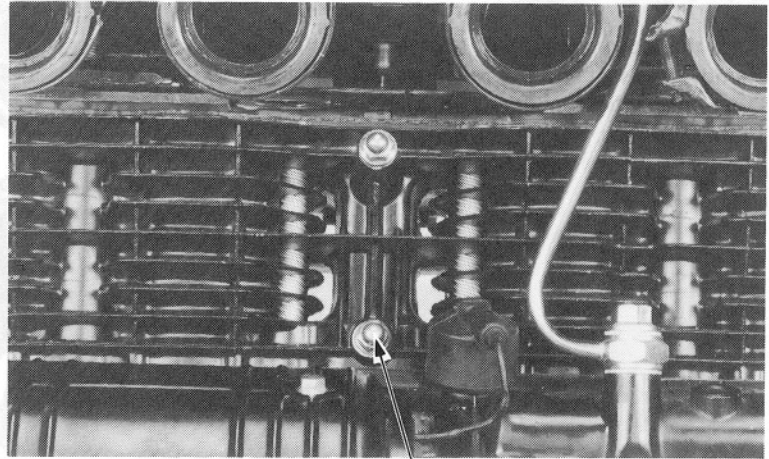
Remove the cylinder head cover bolts and the cylinder head cover.
Remove the oil line and cam chain guide.
Remove the B, C, H and J camshaft holders.
Remove the oil pool caps and rear cam chain guide attaching plate.
Remove the dowel pins.



Loosen the front cam chain tensioner lock nut and bolt.
Press the cam chain tensioner down to reduce chain tension.
Tighten the lock bolt and nut.

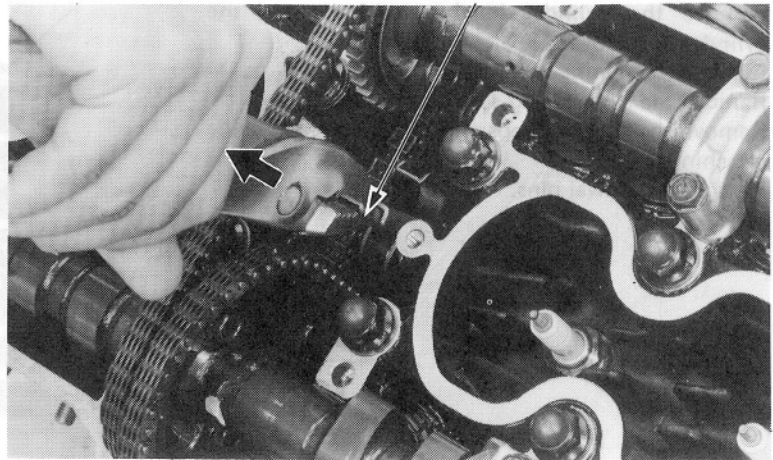


Loosen the lower rear chain tensioner adjusting lock nut.



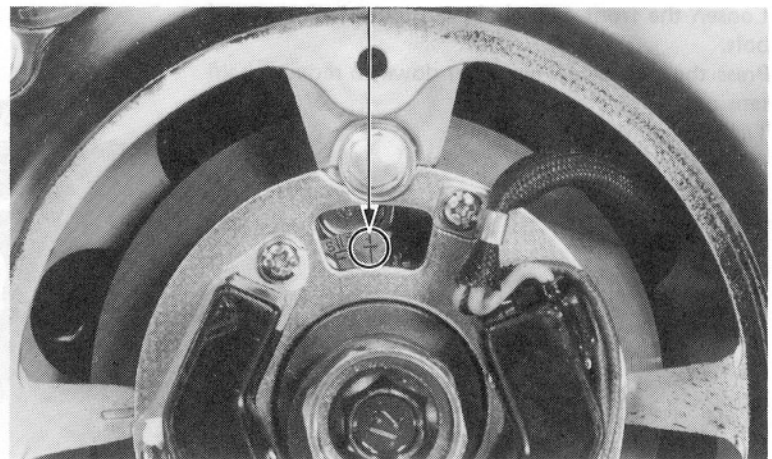
ADJUSTING LOCK NUT

Pull the rear cam chain tensioner up to reduce chain tension and tighten the adjusting lock nut.



CAM CHAIN TENSIONER

Remove the pulse generator cover.
Turn the crankshaft counterclockwise until the 1.4 "T" mark aligns with the index mark.

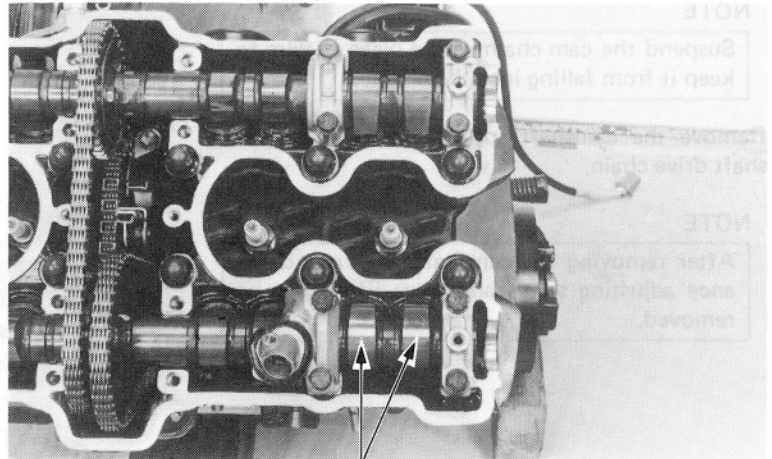


1.4 "T" MARK



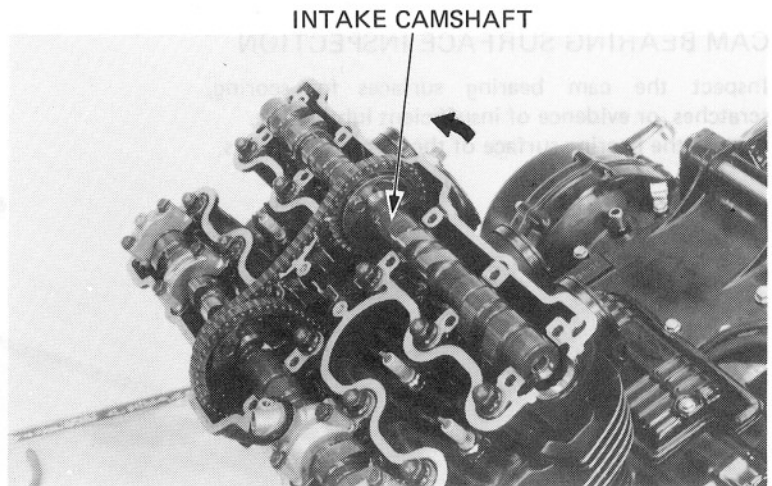
Make sure the No. 1 or 4 cylinder intake and exhaust cam lobes face the spark plug.

Remove the G and K camshaft holders.
Remove the F and L holders.
Remove the dowel pins.



NO. 1 CAM LOBES

Remove the intake camshaft.

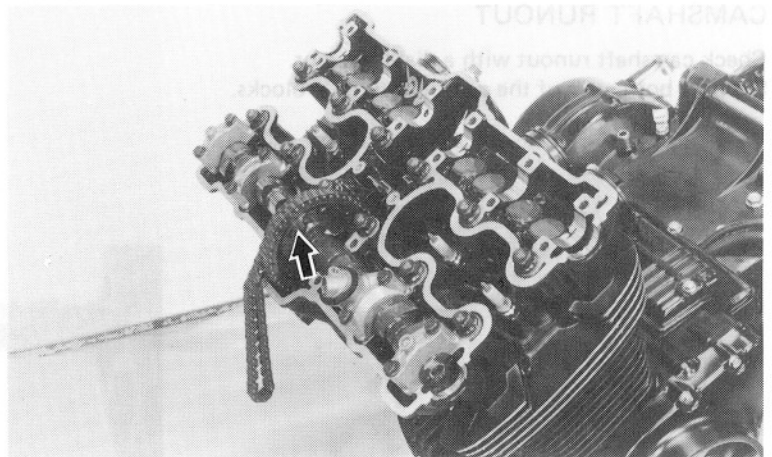


INTAKE CAMSHAFT

Loosen the exhaust camshaft sprocket bolt.
Turn the crankshaft counterclockwise until cam lift is minimal and the other camshaft sprocket bolt can be removed.

Remove the D and tachometer gear camshaft holders.
Remove the A and E holders.

Remove the exhaust camshaft.
Remove the dowel pins.



CYLINDER HEAD/VALVE

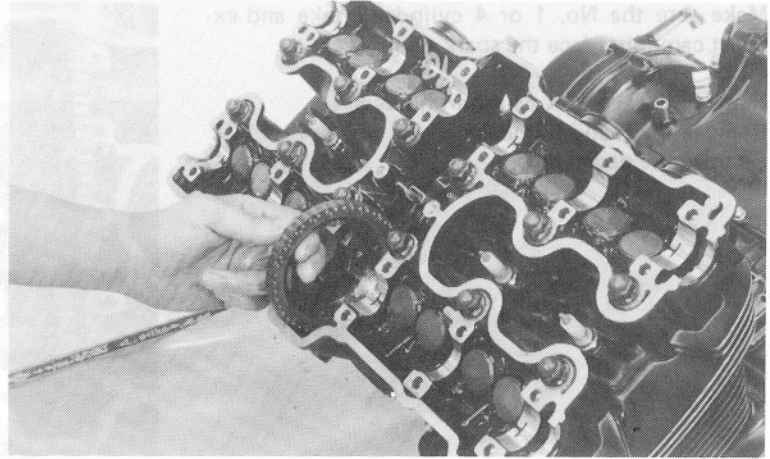
NOTE

Suspend the cam chain with a piece of wire to keep it from falling into the engine.

Remove the camshaft sprocket and exhaust camshaft drive chain.

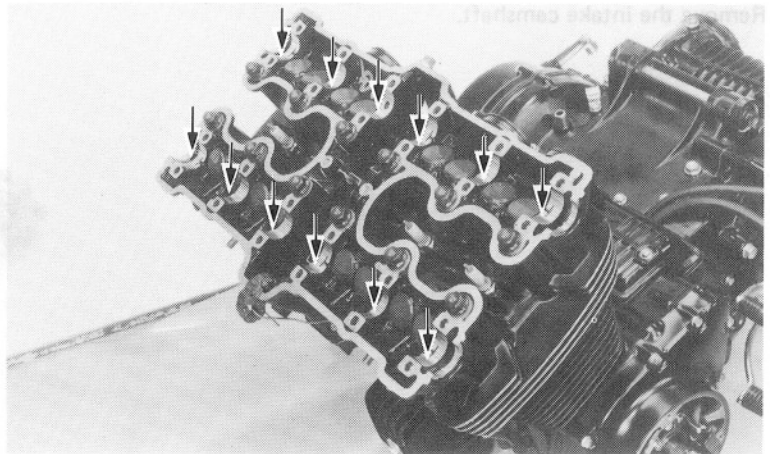
NOTE

After removing the camshaft, the valve clearance adjusting shims and valve lifters can be removed.



CAM BEARING SURFACE INSPECTION

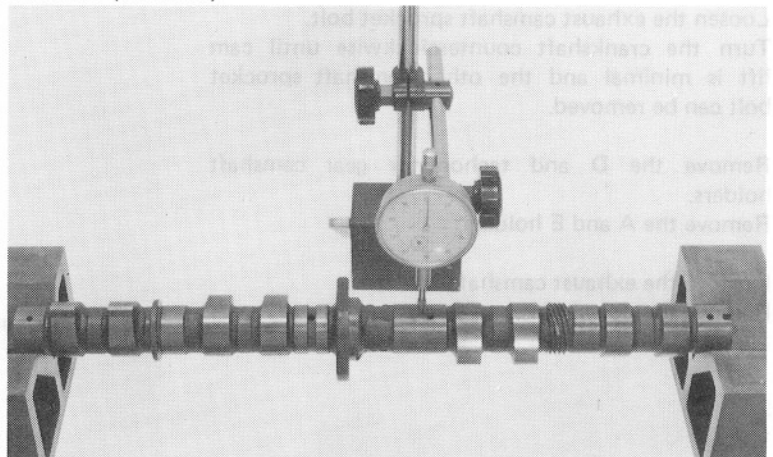
Inspect the cam bearing surfaces for scoring, scratches, or evidence of insufficient lubrication. Inspect the bearing surface of the camshaft holders.



CAMSHAFT RUNOUT

Check camshaft runout with a dial indicator. Support both ends of the camshaft with V-blocks.

SERVICE LIMIT:
0.10 mm (0.004 in)

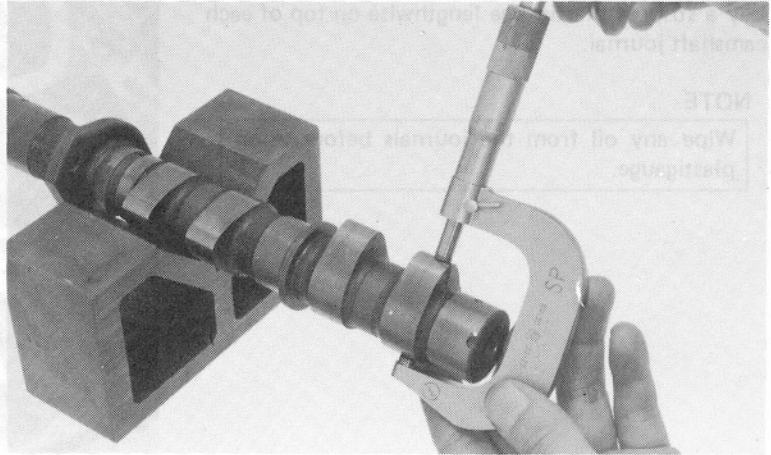




CAM INSPECTION

Using a micrometer, measure each cam lobe. Check for wear or damage.

SERVICE LIMITS: IN: 37.3 mm (1.47 in)
EX: 37.8 mm (1.49 in)



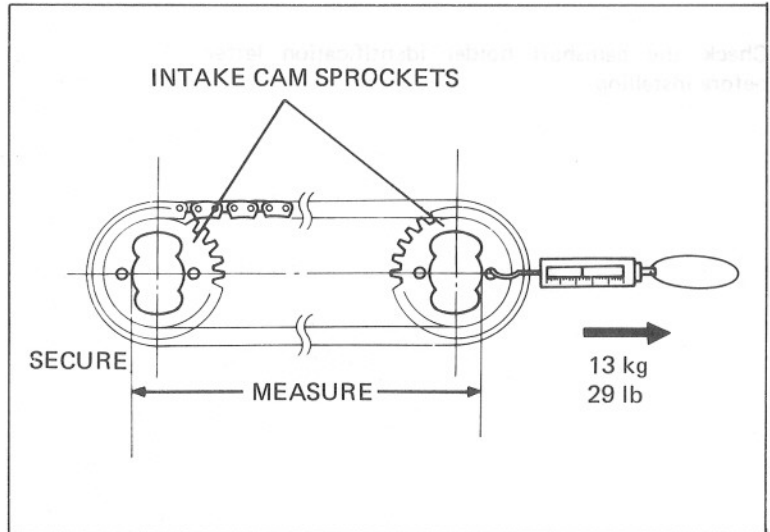
CAM CHAIN LENGTH MEASUREMENT

Place the cam chain over the intake camshaft sprockets. Secure one sprocket and apply 13 kg (29 lb) of tension with a spring scale. Measure the distance between the points shown.

SERVICE LIMIT: 177.3 mm (6.98 in)

CAM CHAIN GUIDE INSPECTION

Inspect the upper cam chain guide for damage or excessive wear.

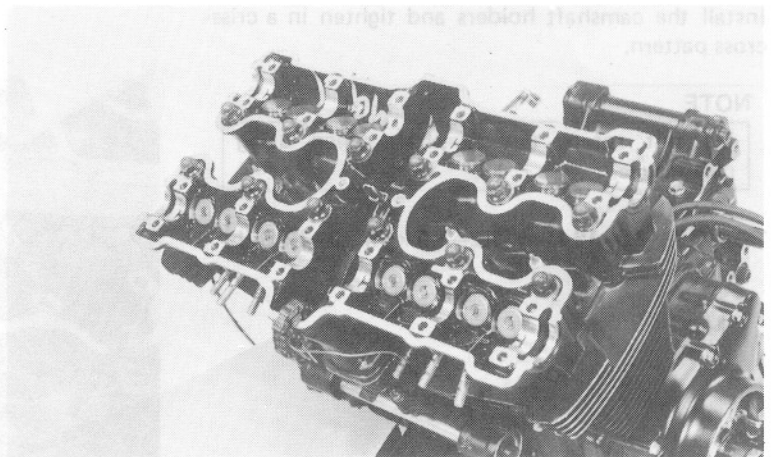


CAMSHAFT OIL CLEARANCE

Remove the adjusting shims and the valve lifters.

NOTE

Mark each part and its location to ensure correct reassembly.

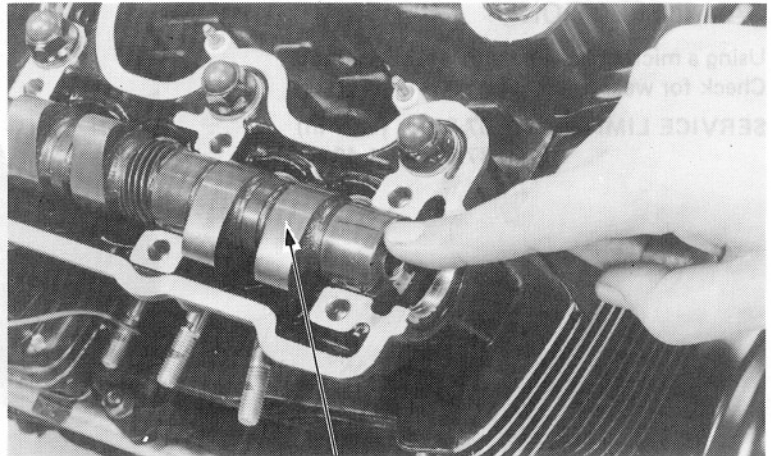


CYLINDER HEAD/VALVE

Lay a strip of plastigauge lengthwise on top of each camshaft journal.

NOTE

Wipe any oil from the journals before using plastigauge.

**PLASTIGAUGE**

Check the camshaft holder identification letter before installing.

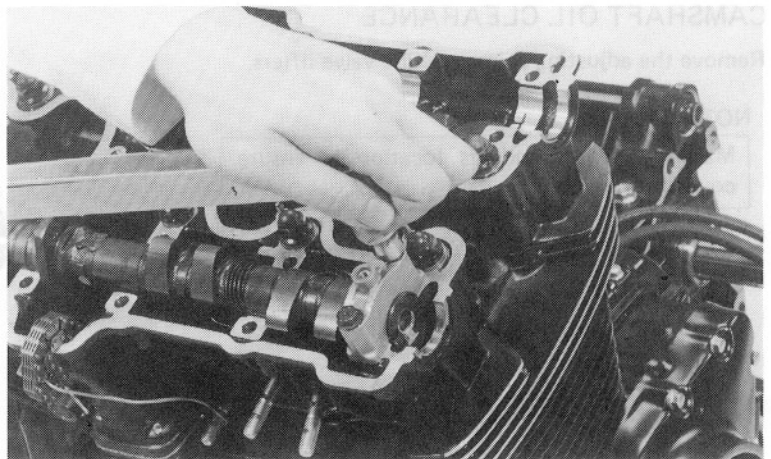
IDENTIFICATION LETTER

Install the camshaft holders and tighten in a criss-cross pattern.

NOTE

Do not rotate the camshaft when using plastigauge.

TORQUE: 12–16 N·m (1.2–1.6 kg·m, 9–12 ft·lb)



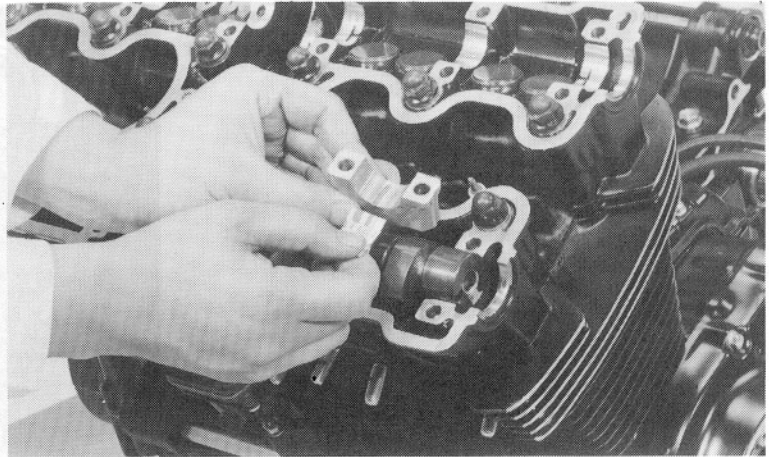


Remove the camshaft holders and measure the width of each plastigauge. The widest thickness determines the oil clearance.

SERVICE LIMITS:

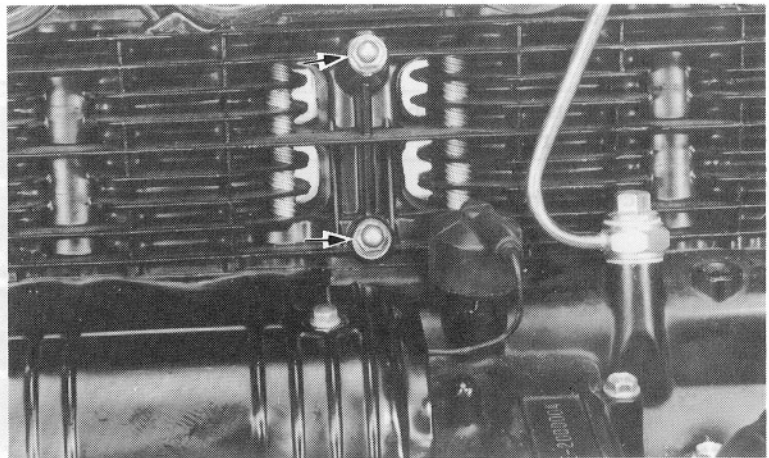
A, E, F and L:	0.13 mm (0.005 in)
Gear holder, D, G and K:	0.16 mm (0.006 in)
B, C, H and J:	0.19 mm (0.008 in)

When the service limits are exceeded, replace the camshaft and recheck the oil clearance. Replace the cylinder head and camshaft holders if the clearance still exceeds service limits.

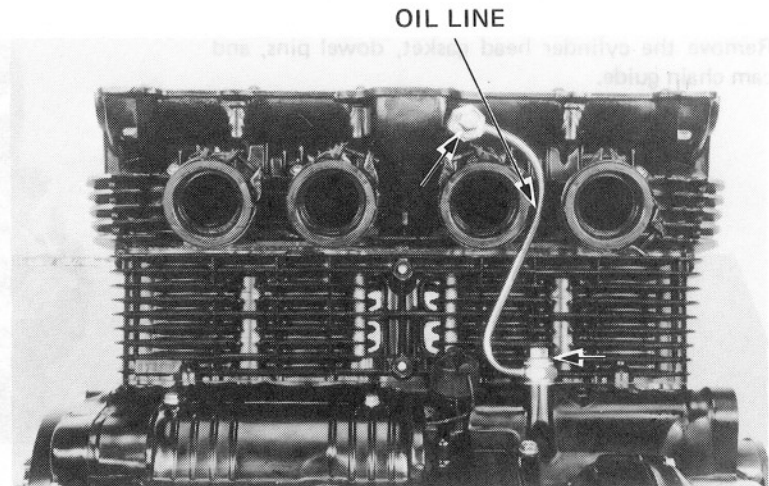


CYLINDER HEAD REMOVAL

Remove the two rear cam chain tensioner lock nuts.



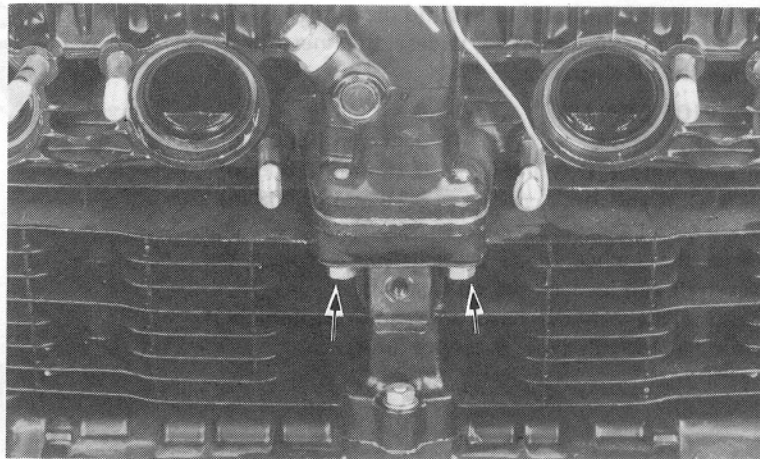
Remove the oil line.



CYLINDER HEAD/VALVE



Remove the two bolts at the front cam chain housing.

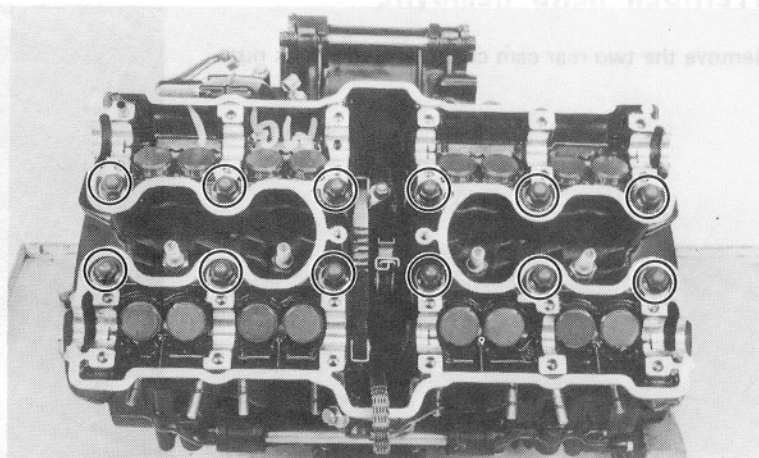


Remove the 12 cap nuts.

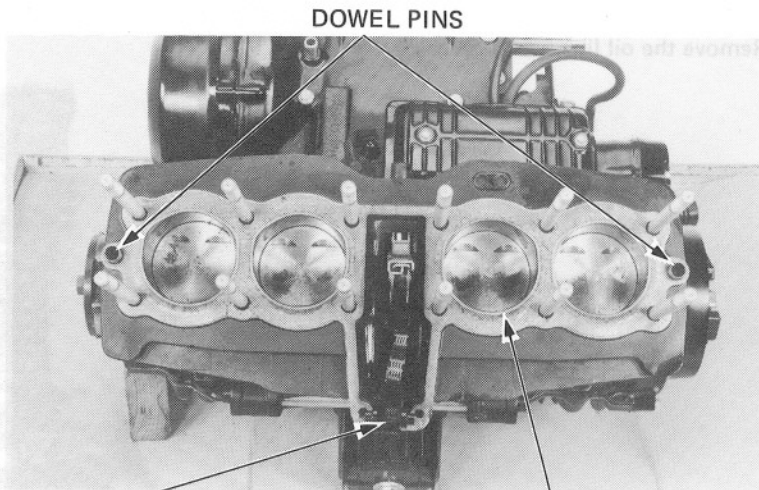
NOTE

Remove the nuts in 2-3 steps in a crisscross pattern to prevent warpage.

Remove the cylinder head.



Remove the cylinder head gasket, dowel pins, and cam chain guide.



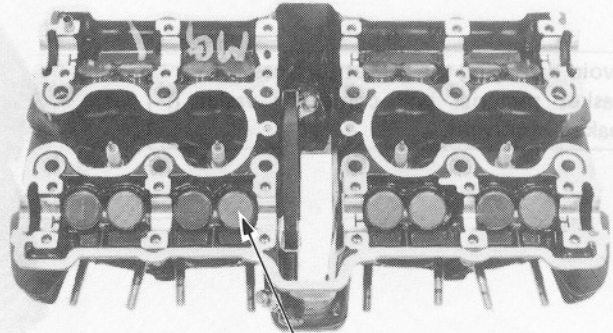


CYLINDER HEAD DISASSEMBLY

Remove the valve clearance adjusting shims.
Remove the valve lifters.

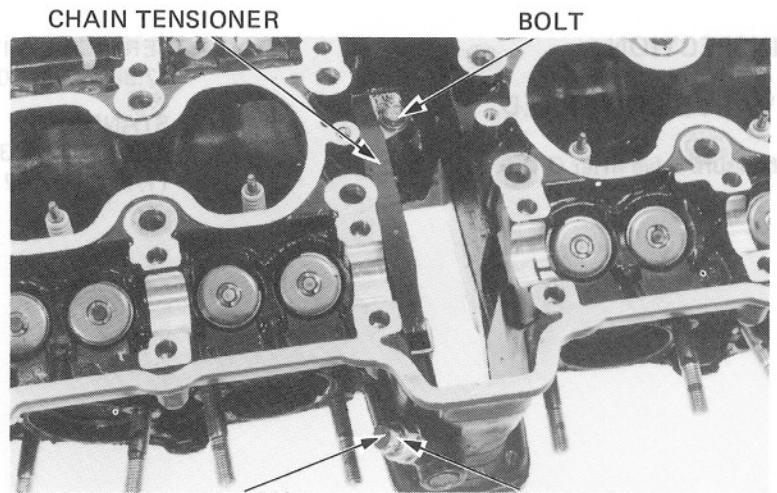
NOTE

Mark all disassembled parts to ensure correct reassembly.



SHIM AND LIFTER

Loosen the cam chain tensioner lock nut and bolts.
Remove the bolt in the cylinder head.
Pull the chain tensioner back and remove.



CHAIN TENSIONER

BOLT

TENSIONER BOLT

LOCK NUT

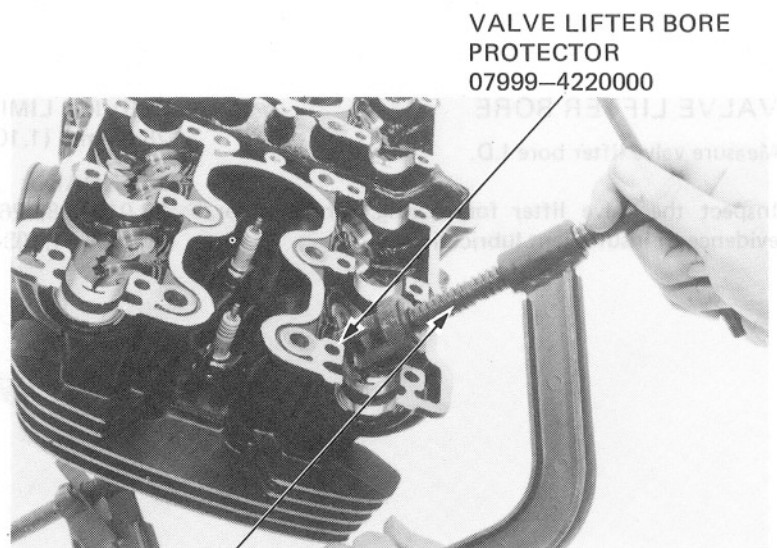
Remove the valve spring cotters, retainers, springs and valves.

CAUTION

- Use the Valve lifter bore protector tool to prevent bore surface damage during valve disassembly.
- To prevent loss of tension, do not compress the valve springs more than necessary to remove the keepers.

NOTE

Mark all disassembled parts for their location to ensure correct reassembly.



VALVE LIFTER BORE PROTECTOR
07999-4220000

SPRING COMPRESSOR
07757-0010000

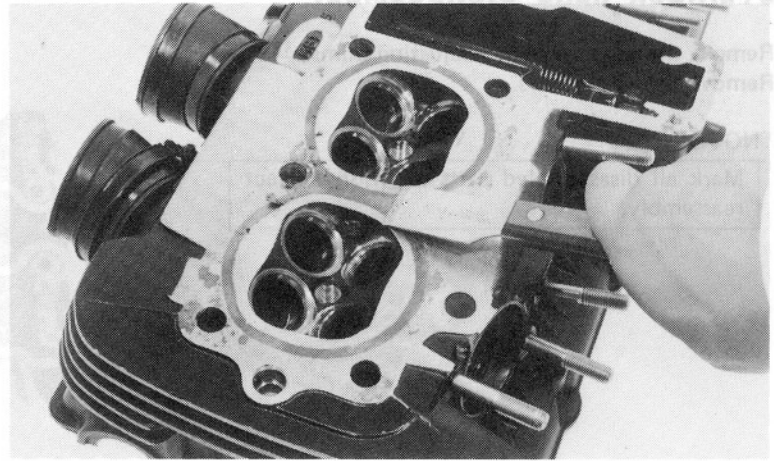
Remove the valve stem seals.

CYLINDER HEAD/VALVE

Remove carbon deposits from the combustion chamber.
Clean off the head gasket surfaces.

NOTE

- Avoid damaging the gasket surfaces.
- Gasket material will come off easier if soaked in solvent.



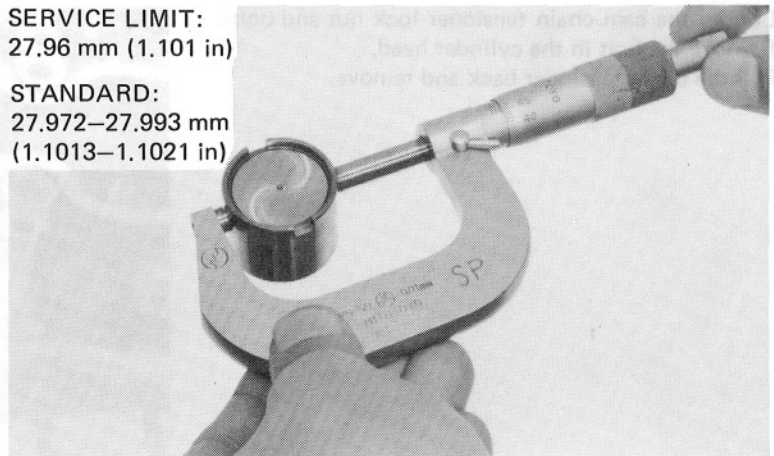
INSPECTION

VALVE LIFTER O.D.

Measure valve lifter O.D.

SERVICE LIMIT:
27.96 mm (1.101 in)

STANDARD:
27.972–27.993 mm
(1.1013–1.1021 in)



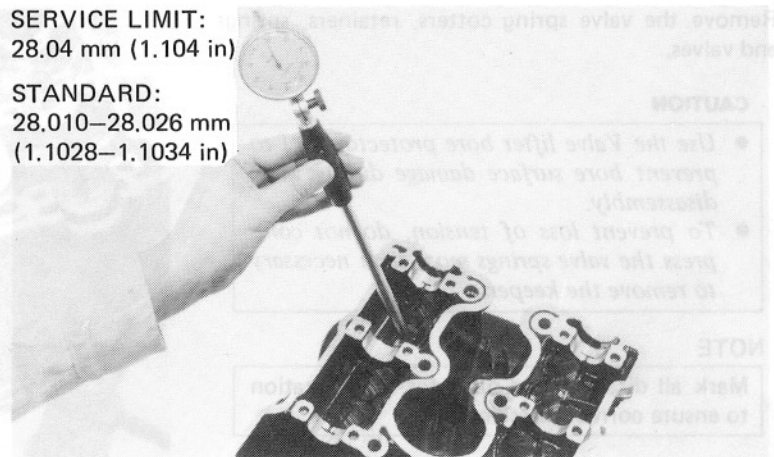
VALVE LIFTER BORE

Measure valve lifter bore I.D.

Inspect the valve lifter for scoring, scratches, or evidence of insufficient lubrication.

SERVICE LIMIT:
28.04 mm (1.104 in)

STANDARD:
28.010–28.026 mm
(1.1028–1.1034 in)

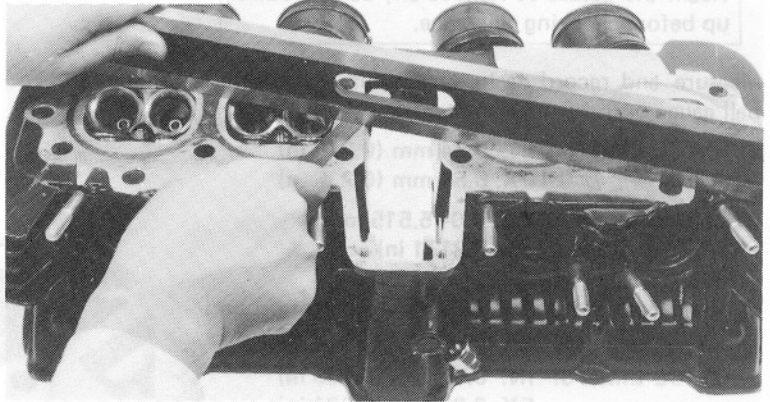




CYLINDER HEAD

Check the spark plug hole and valve areas for cracks. Check the cylinder head for warpage with a straight edge and a feeler gauge.

SERVICE LIMIT:
0.10 mm (0.004 in)



VALVE SPRING FREE LENGTH

Measure the length of the inner and outer valve springs.

SERVICE LIMITS:

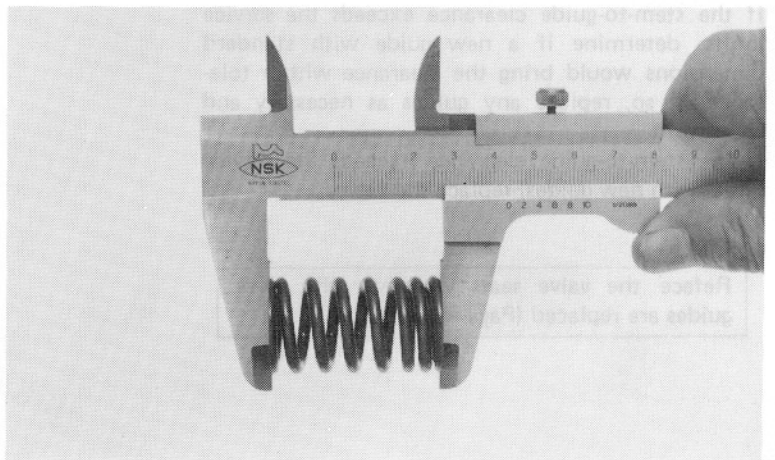
Inner: IN/EX: 39.8 mm (1.57 in)

Outer: IN/EX: 42.5 mm (1.67 in)

STANDARDS:

Inner: IN/EX: 40.7 mm (1.60 in)

Outer: IN/EX: 43.9 mm (1.73 in)



VALVE STEM-TO-GUIDE CLEARANCE

Inspect each valve for bending, burning, scratches or abnormal stem wear.

Check valve movement in the guide.

Measure and record each valve stem O.D.

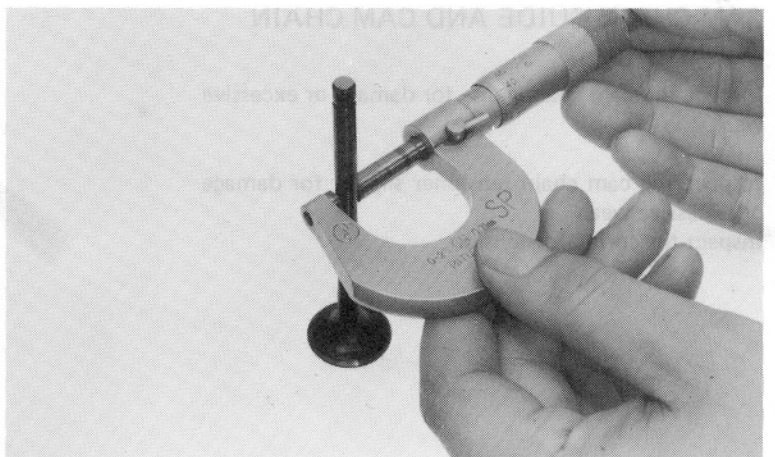
SERVICE LIMITS: IN: 5.47 mm (0.215 in)

EX: 5.45 mm (0.214 in)

STANDARDS:

IN: 5.475–5.490 mm (0.2156–0.2161 in)

EX: 5.455–5.470 mm (0.2148–0.2154 in)



CYLINDER HEAD/VALVE
NOTE

Ream the guides to remove any carbon build-up before checking clearance.

Measure and record each valve guide, I.D. using a ball gauge or inside micrometer.

SERVICE LIMIT: IN. 5.54 mm (0.218 in)
 EX. 5.54 mm (0.218 in)

STANDARD: IN/EX 5.500–5.515 mm
 (0.2165–0.2171 in)

Subtract each valve stem O.D. from the corresponding guide I.D. to obtain the stem to guide clearance.

SERVICE LIMITS: IN. 0.07 mm (0.003 in)
 EX. 0.09 mm (0.004 in)

STANDARDS:

IN: 0.010–0.040 mm (0.0004–0.0016 in)
 EX: 0.030–0.060 mm (0.0012–0.0024 in)

If the stem-to-guide clearance exceeds the service limits, determine if a new guide with standard dimensions would bring the clearance within tolerance. If so, replace any guides as necessary and ream to fit.

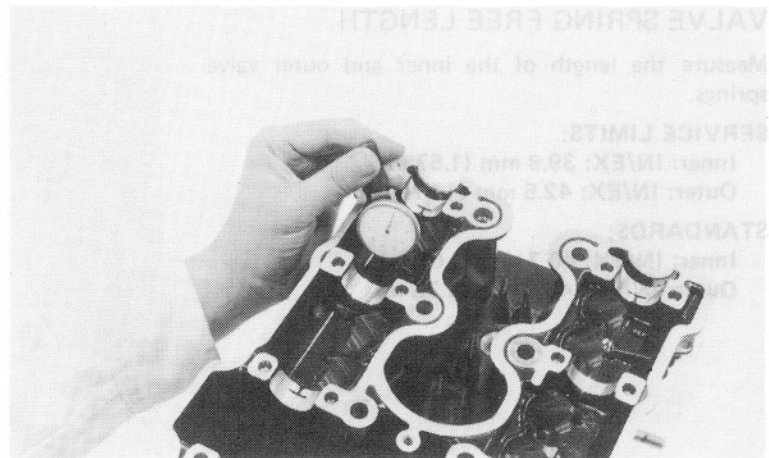
If the stem-to-guide clearance exceeds the service limits with new guides, replace the valves.

NOTE

Reface the valve seats whenever the valve guides are replaced (Page 6-16).



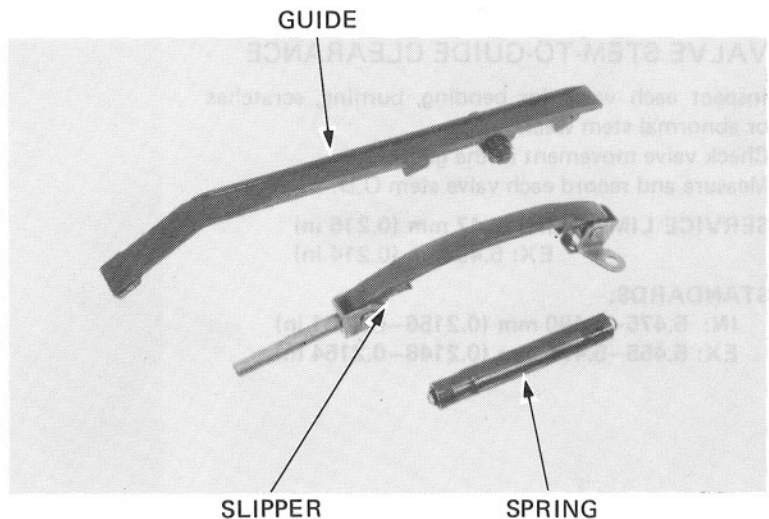
VALVE GUIDE REAMER
 07984–2000000, 5.5 mm


CAM CHAIN GUIDE AND CAM CHAIN TENSIONER

Inspect the cam chain guide for damage or excessive wear.

Inspect the cam chain tensioner slipper for damage or excessive wear.

Inspect the spring for tension.





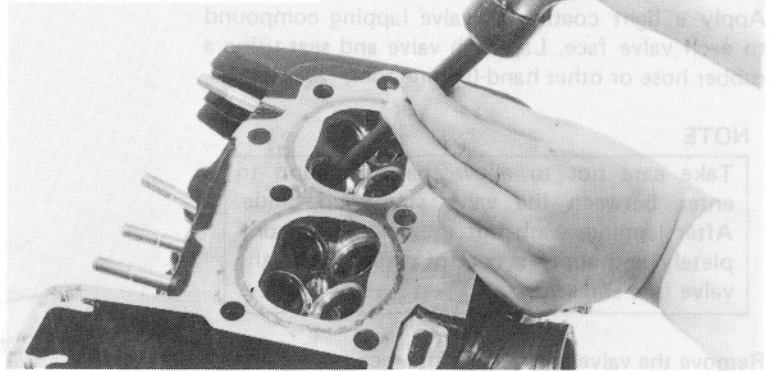
VALVE GUIDE REPLACEMENT

Support the cylinder head and drive out the guide from the valve port.

NOTE

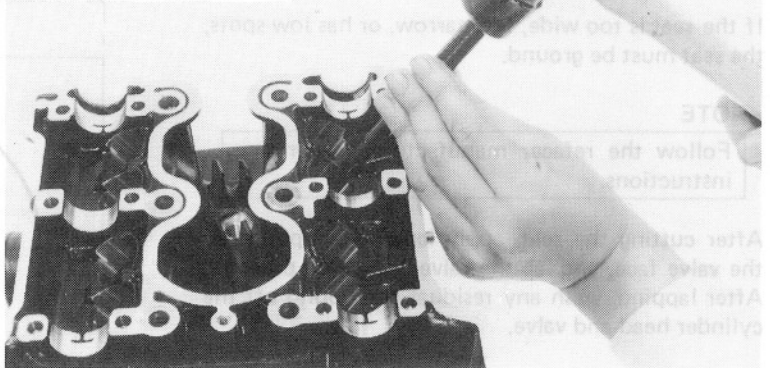
When driving out the valve guide, do not damage the head.

VALVE GUIDE REMOVER
07742-0010100
OR 07942-3290100



Install an oversize valve guide from the top of the head.

VALVE GUIDE DRIVER
07742-0020200
OR 07953-3290100

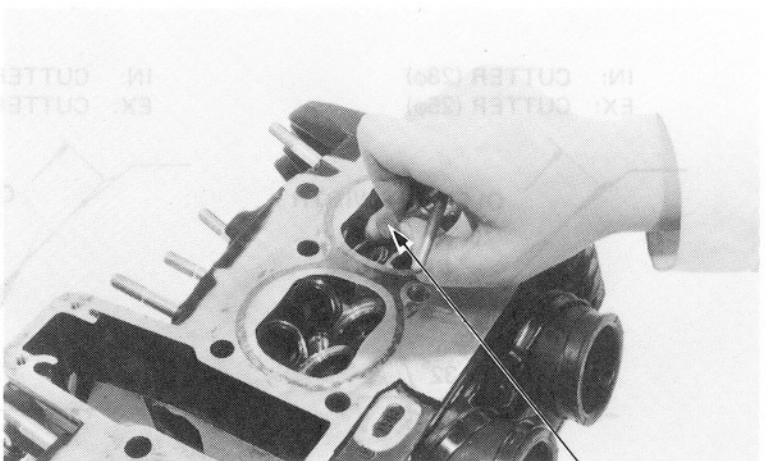


Ream the new valve guide after installation.

NOTE

- Use cutting oil on the reamer during this operation.
- Rotate the reamer when inserting and removing it.

Reface the valve seat (Page 6-16).
Clean the cylinder head thoroughly to remove any metal particles.



VALVE GUIDE REAMER
07984-2000000, 5.5 mm

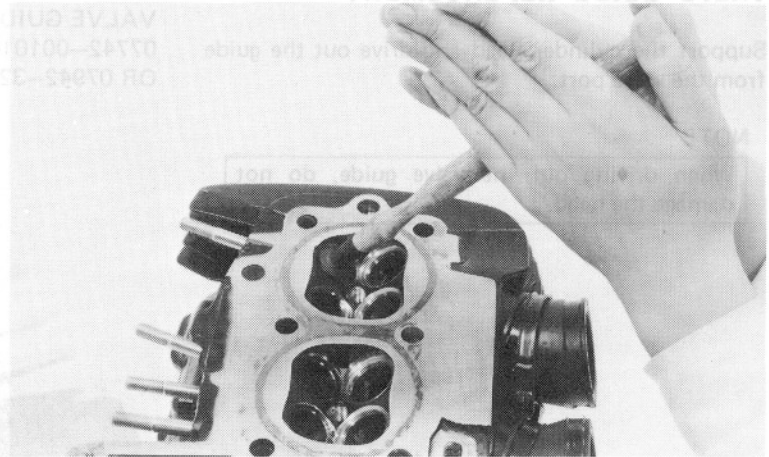
CYLINDER HEAD/VALVE
VALVE SEAT INSPECTION/REFACING

Clean all intake and exhaust valves thoroughly to remove carbon deposits.

Apply a light coating of valve lapping compound to each valve face. Lap each valve and seat using a rubber hose or other hand-lapping tool.

NOTE

Take care not to allow the compound to enter between the valve stem and guide. After lapping, wash out the compound completely and apply a coat of engine oil to the valve face and seat.



Remove the valve and inspect the face.

CAUTION

The valves cannot be ground. If the valve face is rough, worn unevenly, or contacts the seat improperly, the valve must be replaced.

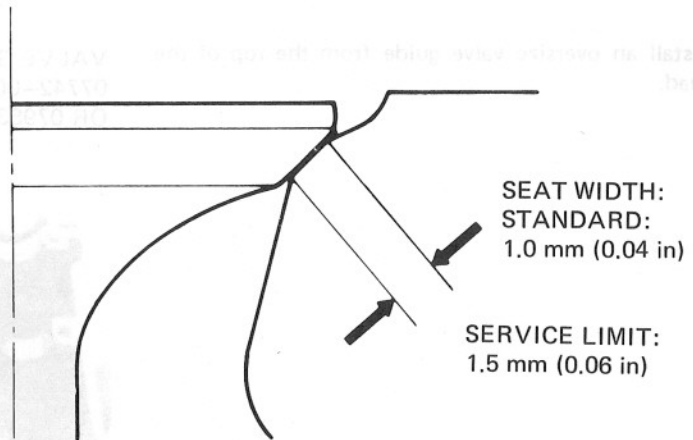
Inspect the valve seat.

If the seat is too wide, too narrow, or has low spots, the seat must be ground.

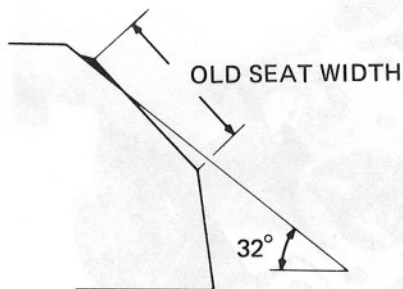
NOTE

Follow the refacer manufacturer's operating instructions.

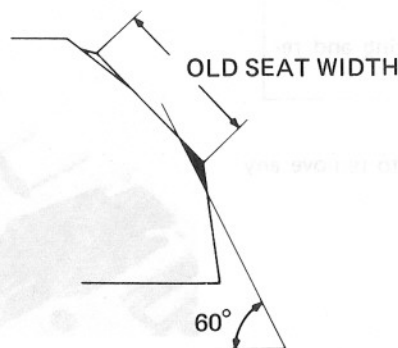
After cutting the seat, apply lapping compound to the valve face, and lap the valve using light pressure. After lapping, wash any residual compound off the cylinder head and valve.



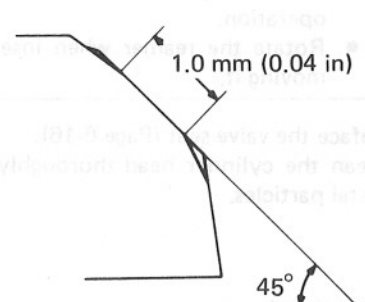
IN: CUTTER (28φ)
EX: CUTTER (25φ)



IN: CUTTER (30φ)
EX: CUTTER (24φ)



IN, EX: CUTTER (27.5φ)



HOLDER NO. 07781-0010100



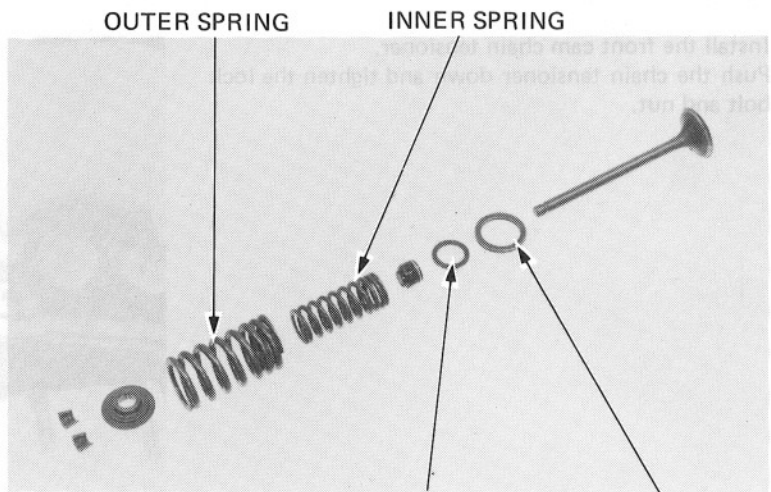
CYLINDER HEAD ASSEMBLY

Lubricate each valve stem with molybdenum disulfide grease and insert the valve into the valve guide.

NOTE

- Install new valve stem seals when assembling.
- To avoid damage to the stem seal, turn the valve slowly when inserting.

Install the valve springs and retainers. The valve springs with the tightly wound coils should face the cylinder head combustion chamber.

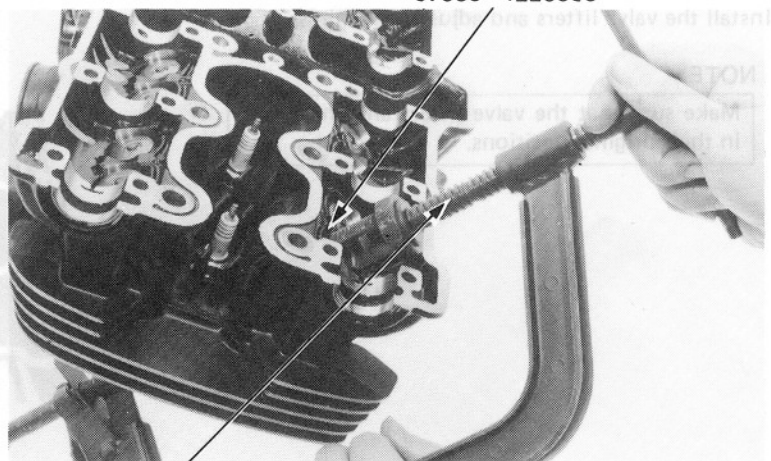


VALVE LIFTER BORE PROTECTOR
07999-4220000

Install the valve cotters.

CAUTION

To prevent loss of tension, do not compress the valve springs more than necessary to install the valve cotters.

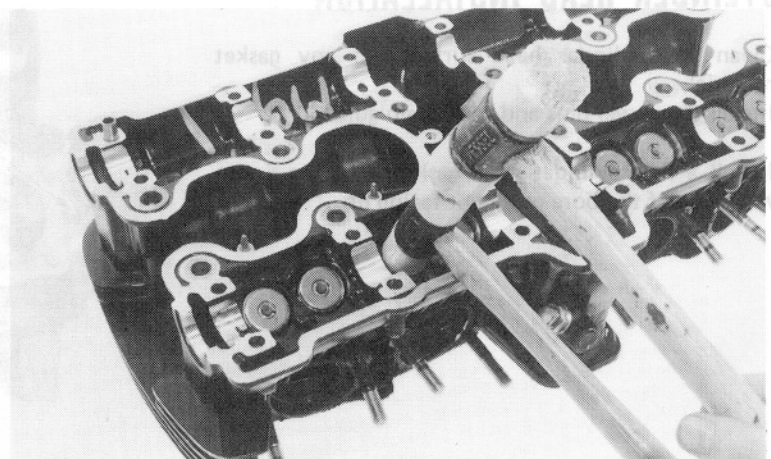


SPRING COMPRESSOR
07757-0010000

Tap the valve stems gently with a soft hammer to seat the valve cotters.

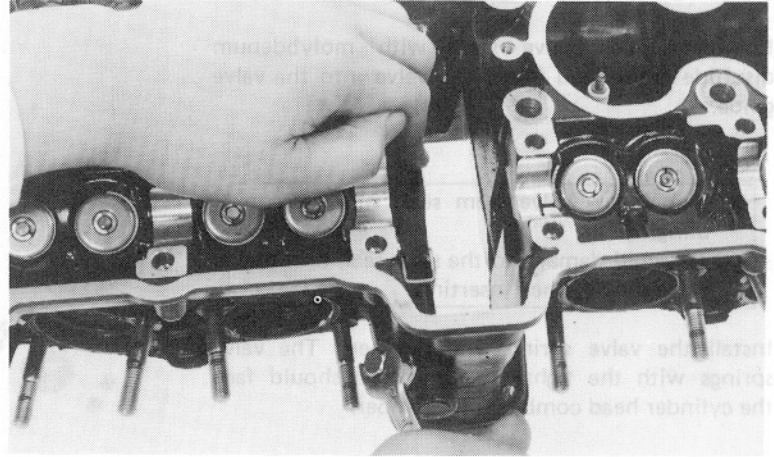
NOTE

Support the cylinder head above the work bench surface to prevent possible valve damage.



CYLINDER HEAD/VALVE

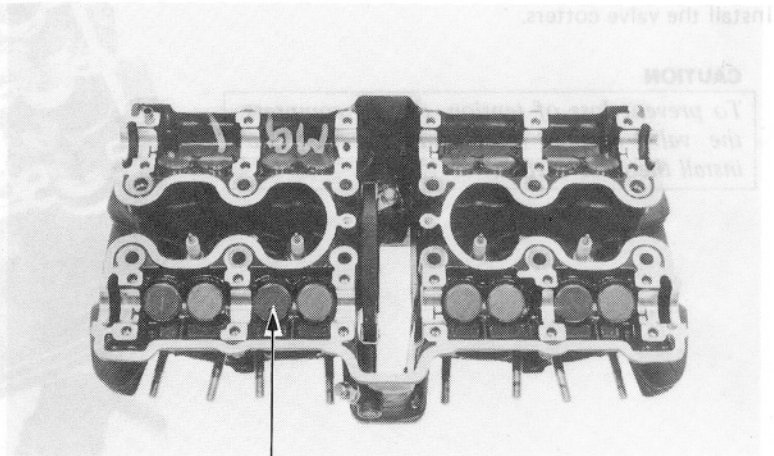
Install the front cam chain tensioner.
 Push the chain tensioner down and tighten the lock bolt and nut.



Install the valve lifters and adjustment shims.

NOTE

Make sure that the valve lifters and shims are in their original positions.



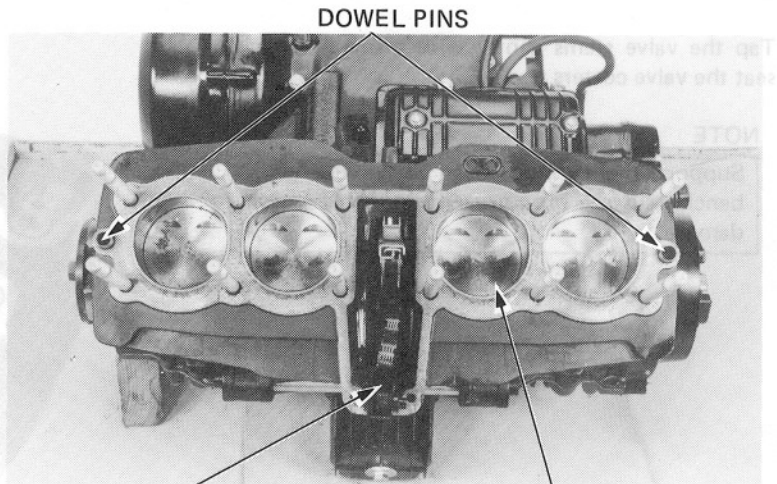
SHIM AND LIFTER

CYLINDER HEAD INSTALLATION

Clean the cylinder head surfaces of any gasket material.

Install the dowel pins and cam chain guide.

Install a new cylinder head gasket with the 5 mm wide side of the bore grommet facing up.



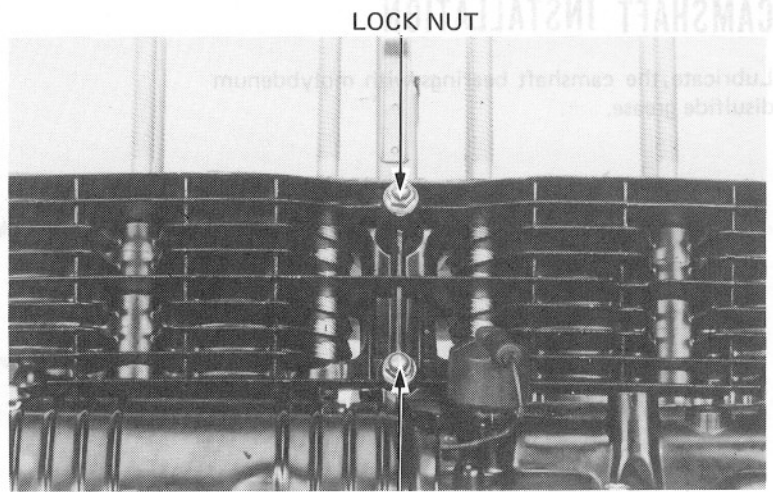
CAM CHAIN GUIDE

GASKET



Loosely install the two cam chain tensioner lock nuts.

Pull the rear cam chain tensioner up to reduce chain tension and tighten the lock nuts.



ADJUSTING LOCK NUT

Install the cylinder head assembly.
Tighten the cap nuts in the sequence shown.

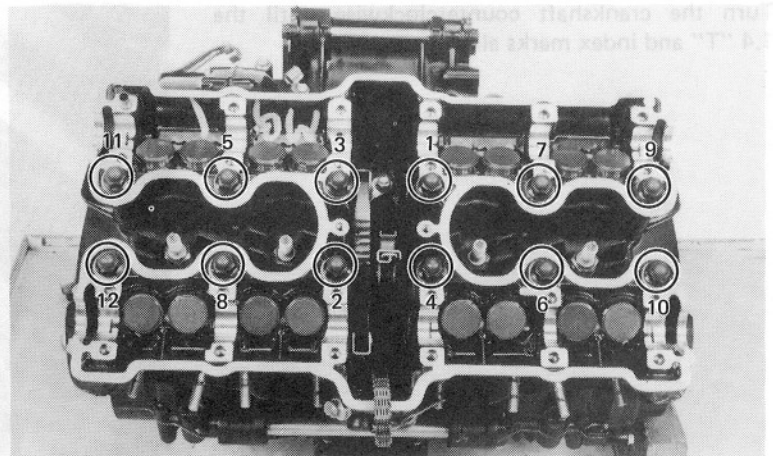
TORQUE:

10 mm cap nut:

36–40 N·m (3.6–4.0 kg·m, 26–29 ft·lb)

NOTE

Apply molybdenum disulfide grease to the threads of the cylinder bolts.



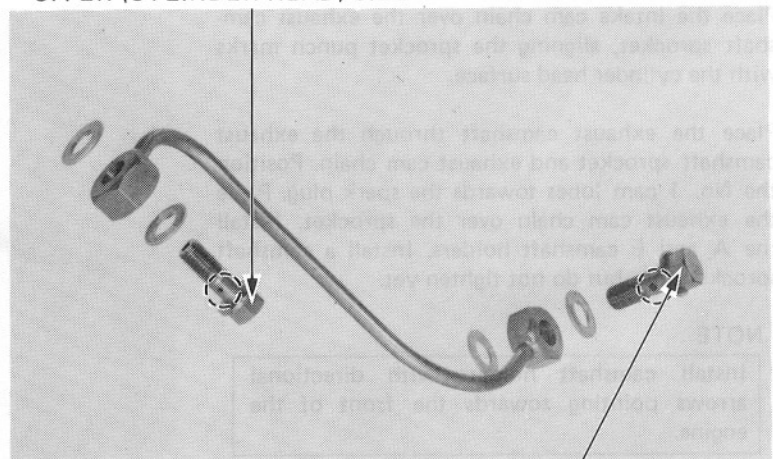
Tighten the two bolts at the front cam chain housing.
Install the oil cooler hose setting plate and tighten the two oil line bolts.

NOTE

Use the bolt with the big hole to tighten the upper oil line.

TORQUE: 21–25 N·m (2.1–2.5 kg·m, 15–18 ft·lb)

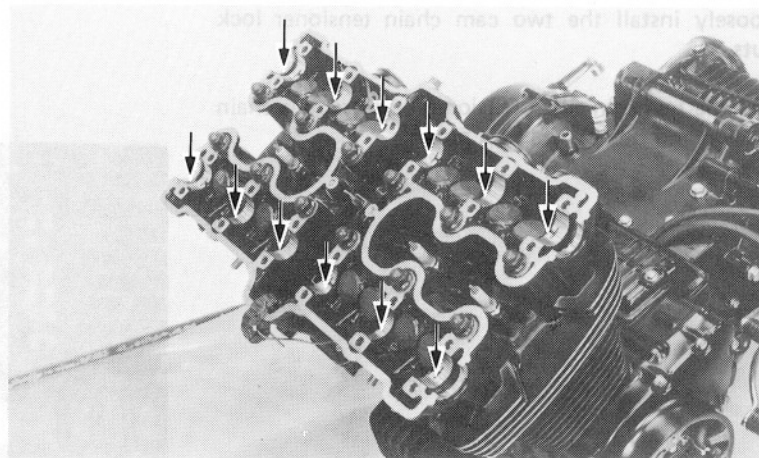
UPPER (CYLINDER HEAD) SIDE



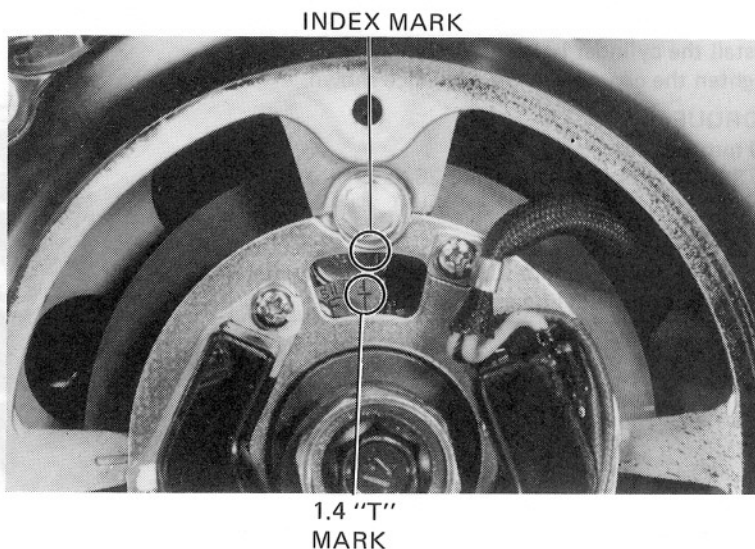
LOWER (CRANKCASE) SIDE

CAMSHAFT INSTALLATION

Lubricate the camshaft bearings with molybdenum disulfide grease.



Turn the crankshaft counterclockwise until the 1.4 "T" and index marks align.

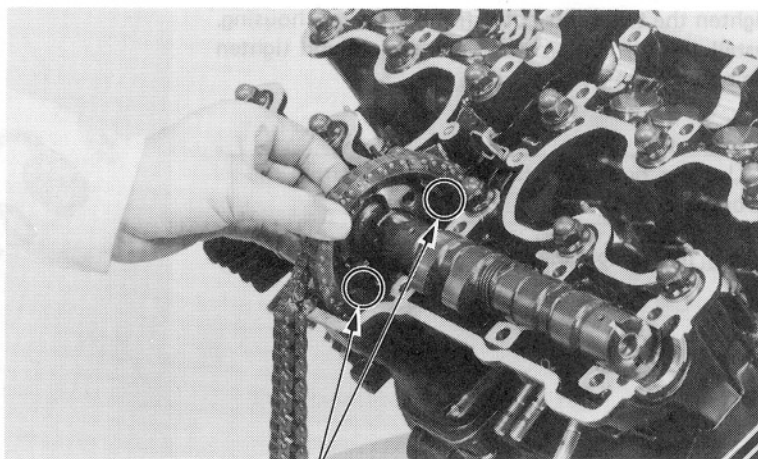


Place the intake cam chain over the exhaust camshaft sprocket, aligning the sprocket punch marks with the cylinder head surface.

Place the exhaust camshaft through the exhaust camshaft sprocket and exhaust cam chain. Position the No. 1 cam lobes towards the spark plug. Place the exhaust cam chain over the sprocket. Install the A and E camshaft holders. Install a camshaft sprocket bolt, but do not tighten yet.

NOTE

Install camshaft holders with directional arrows pointing towards the front of the engine.



PUNCH MARKS



Loosely install the D camshaft holder and the tachometer drive gear/camshaft holder. Position the camshaft so its flange fits into the D holder slot.

Turn the crankshaft counterclockwise 360° and install the other camshaft sprocket bolt and tighten to the specified torque. Turn the crankshaft another 360° and tighten the sprocket bolt which was installed earlier.

TORQUE: 18–20 N·m (1.8–2.0 kg·m, 13–15 ft·lb)

Tighten the camshaft holder bolts in a crisscross pattern.

TORQUE: 12–16 N·m (1.2–1.6 kg·m, 9–12 ft·lb)

Adjust the front cam chain with the lock nut on the rear of the engine (Page 3-11).

Make sure that the 1.4 "T" and index marks are aligned as shown on page 6-20 and the No. 1 cam lobes face toward the spark plug. Recheck the position of the exhaust camshaft sprocket; the punch marks must align with the cylinder head surface. Place the intake cam chain over the intake camshaft and sprocket, aligning the sprocket punch marks with the cylinder head surface.

Install the intake camshaft, positioning the cam lobes for the No. 1 cylinder toward the spark plugs. Install a camshaft sprocket bolt, but do not tighten yet.

NOTE

If the sprocket was not removed from the camshaft during disassembly, then reinstall as an assembled set.

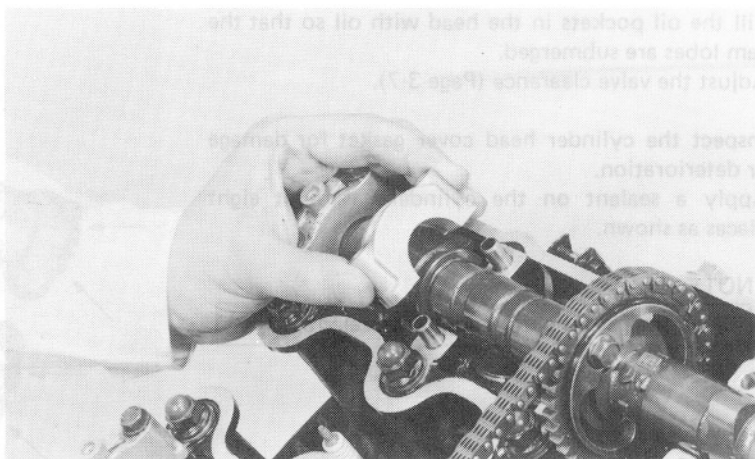
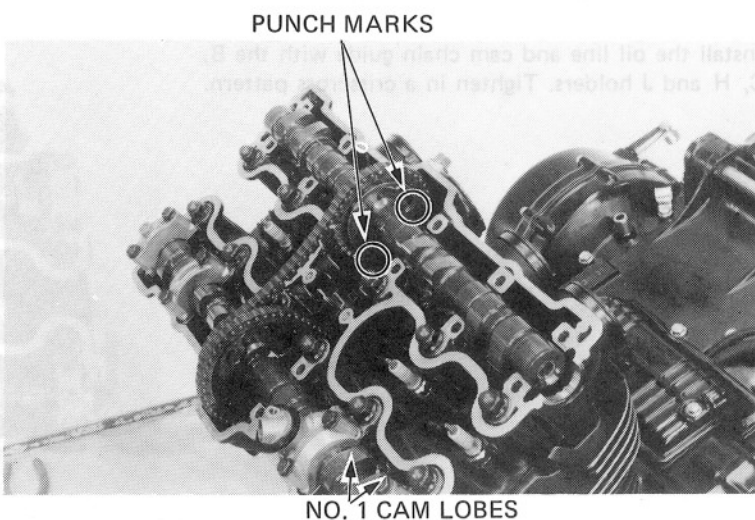
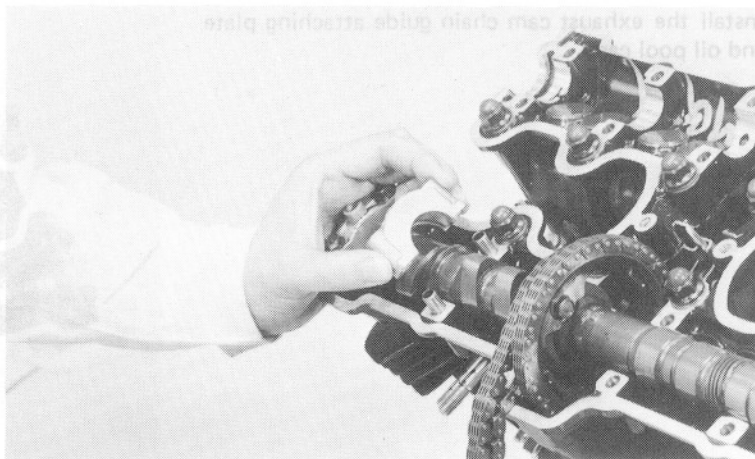
Loosely install the F and L camshaft holders. Install the G and K holders loosely, positioning the camshaft so its flange fits into the slot in the K holder.

Install and tighten the camshaft sprocket bolts, following the same procedures described for exhaust camshaft installation.

Tighten the camshaft holder bolts in a crisscross pattern.

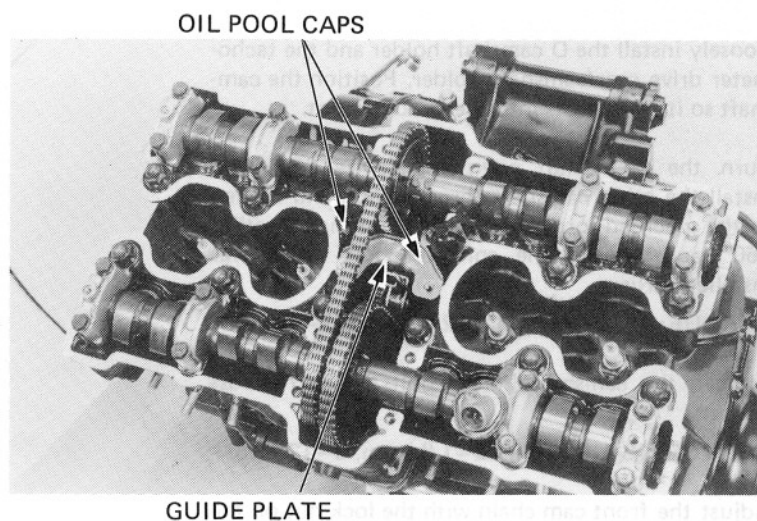
Adjust the intake cam chain tensioner with the lock nut on the front of the engine (Page 3-11).

Recheck the crankshaft and camshaft sprocket alignment.

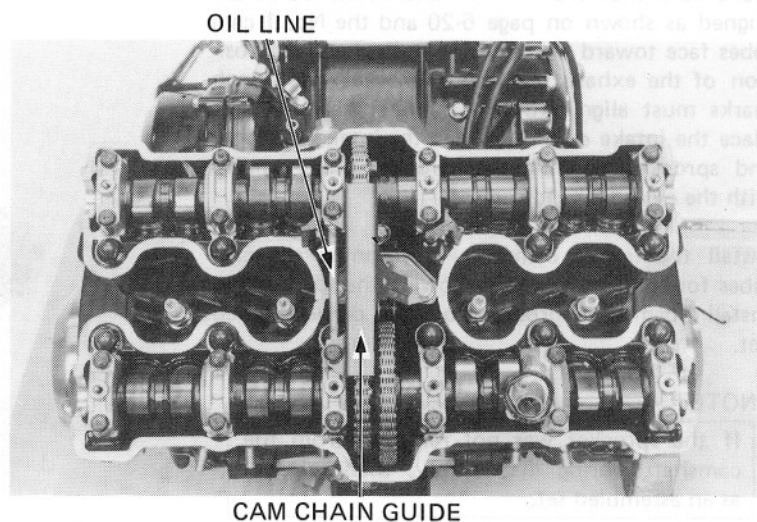


CYLINDER HEAD/VALVE

Install the exhaust cam chain guide attaching plate and oil pool caps.



Install the oil line and cam chain guide with the B, C, H and J holders. Tighten in a crisscross pattern.

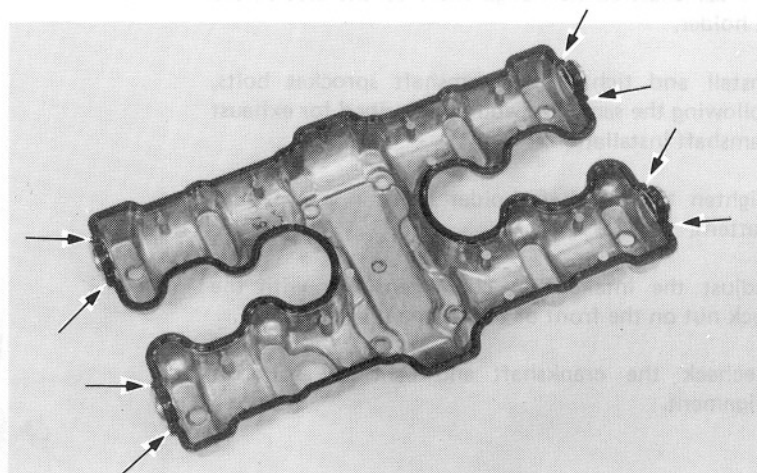


Fill the oil pockets in the head with oil so that the cam lobes are submerged.
Adjust the valve clearance (Page 3-7).

Inspect the cylinder head cover gasket for damage or deterioration.
Apply a sealant on the cylinder gasket at eight places as shown.

NOTE

Clean the gasket before applying sealant.



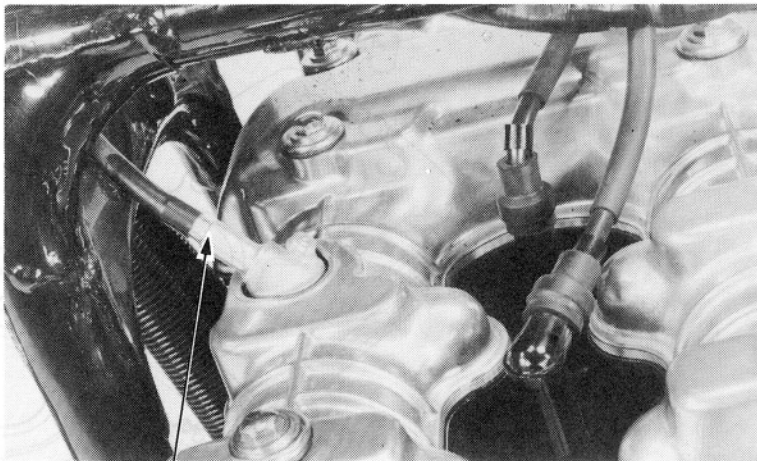


Install the cylinder head cover.

Connect the tachometer cable and attach the spark plug caps.

Install the pulse generator cover.

Adjust cam chain tension (Page 3-11).



TACHOMETER
CABLE