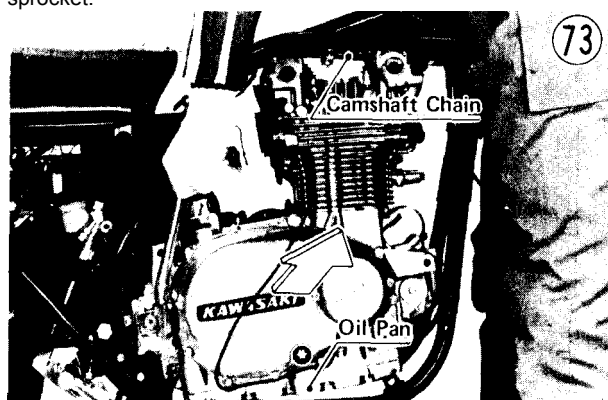


28 DISASSEMBLY

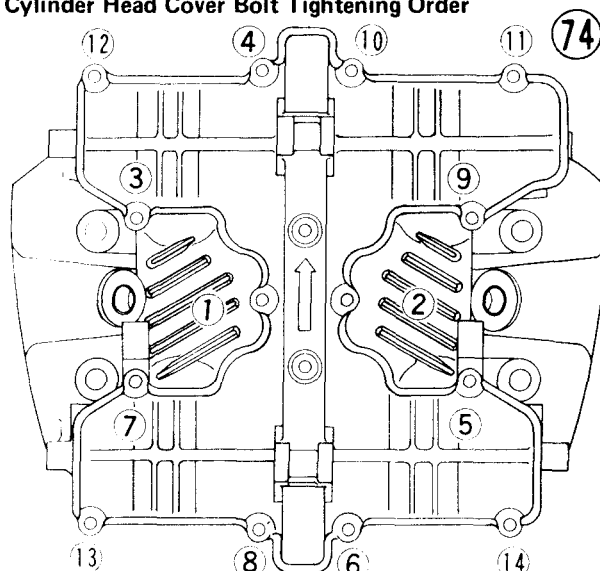
to damage the camshaft chain and the camshaft sprocket.



Installation:

- Place the engine into the frame the reverse of how it was removed.
- Install the rear upper and the front upper mounting brackets, and tighten four bracket bolts 3, 6 loosely. The rear two bolts and front two nuts have lock washers.
- Lifting the engine as necessary so that the mounting bolt threads do not get damaged, insert the five engine mounting bolts and tighten them loosely. The front upper mounting bolts 1 and the other three nuts have lock washers. The rear upper engine mounting bolt 2 runs through the engine mount, the long spacer, engine, short spacer, and finally through the rear upper engine mounting bracket.
- Tighten four bracket bolts with 1.6~2.2 kg-m (11.5 ~ 16.0 ft-lbs) of torque, and then tighten five engine mounting bolts to the torque specified in Table 2.
- Apply a liquid gasket to the circumference of each cylinder head rubber plug, and fit them in place.
- Install the cylinder head cover with a new cylinder head cover gasket. The arrow on the cover must point towards the front. Tighten the cover bolts (14) with 1.1 ~1.3 kg-m (95 ~ 113 in-lbs) of torque, following the tightening sequence shown in Fig. 74. Do not forget to install the spark plug lead clamps (2) when the cylinder head cover is installed.
- Screw in the brake pedal adjusting bolt and install the rear brake master cylinder. Each master cylinder mounting bolt has a lock washer and a flat washer.
- Mount the rear brake light switch spring.
- Run the rear brake light switch leads through the straps on the frame, and connect the blue lead and the brown lead to the same color leads on the main harness side.

Cylinder Head Cover Bolt Tightening Order



- Install the brackets (with the ignition coil) connecting the cylinder head cover to the frame. There are spacers (2) between the brackets. Each bolt has a lock washer and flat washers (2). Tightening torque for the bolts is 1.6-2.2 kg-m (95-113 in-lbs).
- Connect the spark plug lead on each spark plug and insert each lead into its clamp.
- Install the battery negative ground lead on the engine right side and tighten its bolt. The bolt has a lock washer. Run the lead over the rear master cylinder.
- Run the contact breaker lead through its straps, and connect the blue contact breaker lead to the blue ignition coil lead, and connect the red/yellow ignition coil lead to the red/yellow lead.
- Install the air cleaner housing and tighten the bolts (2). Each bolt has a flat washer.



Table 2 Length and Tightening Torque of Engine Mounting Bolt

Mounting Bolt	Length	Tightening Torque
Front Upper	Left 70 mm, Right 50 mm	3.4-4.6 kg-m (25-33 ft-lbs)
Front Lower	326 mm	3.4-4.6 kg-m (25-33 ft-lbs)
Rear Upper	240 mm	3.4-4.6 kg-m (25-33 ft-lbs)

Rear Lower	160 mm	3.4-4.6 kg-m (25-33 ft-lbs)
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